

Accidents Associated With Oil and Gas Operations

Outer Continental Shelf
1956-1990

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Abbreviations

AC	- alternating current
AUX	- auxiliary
bbl	- barrel(s)
BOP	- blowout preventer
BPV	- back pressure valve
CaCl ₂	- calcium chloride
CLH	- class H
CO ₂	- carbon dioxide
CPR	- cardiopulmonary resuscitation
d	- day(s)
DC	- direct current
EIPS	- Eugene Island Pipe Line System
ESD	- emergency shut down
ft	- foot(feet)
ft ³	- cubic foot(feet)
gal	- gallon
h	- hour
HRC	- hydraulic remote control
H ₂ S	- hydrogen sulfide
in	- inch(es)
LACT	- lease automatic custody transfer
lb	- pound(s)
LP	- low pressure
LSH	- level safety high (high level sensor)
LSL	- level safety low (low level sensor)
MD	- measured depth
min	- minute
MODU	- mobile offshore drilling unit
MP	- Main Pass
MV	- motor vessel
N/A	- not applicable or not available as appropriate
ppg	- pounds per gallon
ppm	- parts per million
psi	- pounds per square inch
PSV	- pressure safety valve
PVC	- polyvinyl chloride
ROW	- right of way
RTU	- remote terminal unit
s	- second(s)
SAT	- satellite
SCR	- silicon controlled rectifier
SM	- South Marsh Island
SOB	- Sohio, Odeco, Burma
SP	- South Pass
SRU	- sulphur recovery unit
SS	- Ship Shoal
TD	- total depth
TSE	- temperature safety element (fusible material)
TSH	- temperature safety high (high temperature sensor)
TVD	- true vertical depth
USCG	- U. S. Coast Guard

VR
"
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- Vermilion
- inch(es)
- foot(feet)

I. Introduction

Introduction

This report supplements the previously published **Accidents Associated With Oil & Gas Operations, Outer Continental Shelf, 1956-1986**, OCS Report, MMS 88-0011, and incorporates the data contained in that publication. The scope has been broadened to cover events which occurred from 1987 through 1990 and additional events have been added in the time period from 1956 through 1986.

Sections II through VI of this report contain tables representing classifications of accidents associated with oil and gas operations on the OCS by Region and by type. Section VII contains graphical representations of these data. Below are guidelines used in making these classifications:

Table 2-A and 4-A **Blowouts** - An uncontrollable flow of fluids from a wellhead or wellbore is classified as a blowout. Unless otherwise specified, a flow from a flow line is not considered a blowout as long as the wellhead control valves can be automatically or manually activated. If the wellhead control valves become inoperative, the flow is classified as a blowout. The incident is also recorded in the other respective categories.

Table 2-B and 4-B **Explosions and Fires** - This category includes all explosions and fires directly related to drilling, producing, storing, or transporting oil or gas on or from OCS leases. All explosions and fires are recorded. When pollution of 50 or more barrels (bbl) of oil results from an explosion or fire, the incident is also recorded as a Significant Pollution Incident.

Table 2-C and 4-C **Pipeline Breaks or Leaks** - All reported pipeline breaks or leaks resulting in 50 or more bbl of oil spillage are recorded. They are also recorded as Significant Pollution Incidents.

Table 2-D and 4-D **Significant Pollution Incidents** - All spills in the amount of 50 bbl (2,100 gal) or more are recorded.

Table 2-, 5-, and 6-E **Major Accidents** - This category includes:

- all fires or explosions that result in equipment or structural damage of \$1 million or more, or
- all hydrocarbon spills of 200 bbl (8,400 gal) or more during a period of 30 days, or
- all fatalities or serious personal injuries that cause permanent impairment of any bodily unit or function.

The column labeled **Type Accident, Related Depth**, contains the following annotations: A/, B/, C/, D/, and E/. These annotations are references to the following footnotes:

Footnotes

A/ See also, TABLE A - BLOWOUTS

B/ See also, TABLE B - EXPLOSIONS AND FIRES

C/ See also, TABLE C - PIPELINE BREAKS AND LEAKS

D/ See also, TABLE D - SIGNIFICANT POLLUTION INCIDENTS

E/ See also, TABLE E - MAJOR ACCIDENTS

II. Gulf of Mexico OCS Region

TABLE 1
CRUDE OIL AND CONDENSATE SPILL INCIDENTS OF 200 OR MORE BARRELS,
OCS—GULF OF MEXICO

Calendar Year	Incidents	Crude Oil and Condensate Spilled Barrels	Number of Structures	Annual Total Crude Oil and Condensate Production Barrels*
1964	4	14,428	1,100	122,500,126
1965	2	2,188	1,200	144,968,615
1966	0	0	1,325	188,714,070
1967	1	160,638	1,450	221,861,614
1968	1	6,000	1,575	266,936,001
1969	4	10,624	1,675	302,919,143
1970	4	83,623	1,800	335,658,540
1971	1	450	1,891	387,445,398
1972	0	0	1,935	389,323,680
1973	3	21,935	2,001	375,814,685
1974	3	23,533	2,054	343,817,321
1975	0	0	2,079	314,932,695
1976	2	4,414	2,096	302,941,556
1977	2	550	2,248	291,680,642
1978	1	900	2,327	280,179,134
1979	0	0	2,420	274,604,462
1980	1	1,456	2,554	267,190,089
1981	1	5,100	2,744	270,160,378
1982	0	0	2,851	292,777,255
1883	0	0	3,038	317,803,756
1984	0	0	3,199	339,984,708
1985	1	320	3,360	359,542,820
1986	1	210	3,448	359,988,158
1987	0	0	3,553	332,585,023
1988	1	15,576	3,629	288,052,306
1989	1	300	3,723	272,095,476
1990	2	18,992	3,790	291,110,462
Total	36	371,237		7,935,588,113

* Annual total oil production data source is
Federal offshore Statistics, 1990 (OCS Report 91-0068)

TABLE 2-A
ACCIDENTS ASSOCIATED WITH OIL AND GAS OPERATIONS
ON THE OUTER CONTINENTAL SHELF,
GULF OF MEXICO

BLOWOUTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Vermilion Block 26 OCS 297 Well No. A-1 Union	06-08-56 to 11-20-56	Blowout, gas; 11,435 ft, fire. <u>B/E/</u>	Drilled relief well	None	Lost platform, rig, and 2 wells.
Eugene Island Block 175 OCS 0438 Well No. A-6 Sinclair	10-19-57 11 h	Blowout, gas; 11,290 ft, fire. <u>B/</u>	Well bridged	None	Fire damaged derrick (replaced)
South Pass Block 28 OCS 0353 Well No. 25 Shell	06-14-58 2 h	Blowout, gas; 1,869 ft, fire. <u>B/</u>	Well bridged	None	Fire caused minimal damage
West Delta Block 45 OCS 0138 Platform E CAGC	10-15-58 to 11-21-58	Explosion, fire, oil; during com- pletion operations (believed ignited by welding operation). <u>B/E/</u>	Well was killed by last of 3 relief wells	Minimal	7 fatalities, 17 injuries; lost platform.
South Timbalier Block 134 OCS 0461 Well No. D-1 Gulf	07-26-59 4 h	Blowout, gas; 4,880 ft, fire. <u>B/E/</u>	Well bridged	None	1 fatality, 7 injuries; rig damaged.
Eugene Island Block 199 OCS 0437 Well No. 2 Placid	07-13-60 to 07-27-60	Ship collided with platform, causing blowout; gas, fire. <u>B/E/</u>	Closed BOPs	None	Platform destroyed, well casing damaged.

BLOWOUTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Vermilion Block 115 OCS 0770 Well No. 1 Phillips	11-18-60 4 h	Blowout, gas; 13,000 ft.	Well bridged	None	None reported
	11-22-60 blowout again		Plugged with cement	None	None reported
Grand Isle Block 9 OCS 035-A Well No. 1-34-B Freeport Sulphur	03-18-62 36 h	Blowout, gas; fire. <u>B/E/</u>	Well flow ceased	None	Lost rig and relay station on platform
Eugene Island Block 206 OCS 0806 Well No. 1 Texaco	11-12-63 to 01-22-64	Blowout, gas; 11,000 ft.	Drilled relief well	None	Rig sheared conductor and drill pipe during storm
West Delta Block 28 OCS 0384 Well No. 3 Chevron	01-15-64 12 h	Blowout, gas; 10,871 ft.	Well controlled by pumping mud	None	None reported
West Delta Block 117 OCS-G 1101 Well No. A-5 Gulf	01-20-64 to 01-27-64	Blowout, gas and oil; fire. <u>B/D/E/</u>	Well bridged	100 bbl oil	Platform damaged extensively. No recorded environmental damage.
Eugene Island Block 273 OCS-G 0987 Well No. 4 Pan American	06-30-64 to 07-02-64	Blowout, gas, explosion, and fire; 684 ft. <u>B/E/</u>	Well flow ceased	None	22 fatalities, drilling vessel sank.
Eugene Island Block 208 OCS 0576 & OCS 0577 Platforms A, C, D Conoco	10-03-64 several d	Blowout, gas and oil; caused by hurricane. <u>D/E/</u>	Plugged with cement	5,180 bbl oil	Lost 3 platforms. No recorded environmental damage.

BLOWOUTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 149 OCS 0434 Platform B Signal	10-03-64 to 10-19-64	Blowout, gas and oil; caused by hurricane. <u>D/E/</u>	Plugged with cement	5,100 bbl oil	Platform destroyed. No recorded environmental damage.
Eugene Island Block 128-A OCS 0442 Well No. 2 Shell	10-04-64 to 10-15-64	Blowout, gas; caused by hurricane. <u>E/</u>	Killed well with mud	None	Lost single well support structure
Ship Shoal Block 154 OCS 0420 Platform D Gulf	10-04-64 to 10-19-64	Blowout, gas; caused by hurricane. <u>E/</u>	Well bridged	None	Severely damaged platform
Eugene Island Block 158 OCS-G 1220 Well No. B-3 Shell	03-15-65 to 03-20-65	Blowout, gas; 15,867 ft.	Well bridged	None	None reported
Ship Shoal Block 29 OCS 0345 Well No. 7 Amoco	07-19-65 to 07-26-65	Blowout, gas and condensate; 17,086 ft. <u>D/E/</u>	Killed well with mud	1,688 bbl condensate	Minimal damage
West Delta Block 117 OCS-G 1101 Platform A Gulf	09-10-65 several days	Blowout, oil; caused by hurricane. <u>E/</u>	Plugged with cement	Minimal	Lost platform
South Marsh Island Block 48 OCS 0786 Well No. B-4 Gulf	09-16-65 to 04-22-66	Blowout, gas; 800 ft.	Plugged with cement	None	None reported
South Timbalier Block 21 OCS 0263 Well No. 70 Gulf	09-25-65 to 10-08-65	Blowout, gas; 11,716 ft. <u>E/</u>	Well flow ceased	None	Removed rig before well cratered. Lost well.

BLOWOUTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 208 OCS-G 1228 Union	02-05-66 15 min	Blowout, oil; workover.	Installed valve	Minimal	None reported
Eugene Island Block 275 OCS-G 0988 Well No. A-9 Texaco	02-13-66 to 02-15-66	Blowout, oil and gas; 10,561 ft.	Well flow ceased	Minimal	Little damage
South Timbalier Block 67 OCS 020 Well No. C-12 Humble	04-17-67 8 h	Blowout, gas; 1,477 ft.	Well bridged	None	One corner platform settled
Ship Shoal Block 214 OCS 0828 Well No. 2 Kerr-McGee	10-30-67 collision 09-08-68 to 09-29-68 blowout	Blowout, gas and condensate. Freighter collided with well. Blowout occurred 1 yr after collision. <u>E/</u>	Cut casing and cemented	Minimal	Lost well and caisson protection
South Timbalier Block 151 OCS 0463 Well No. J-15 Gulf	02-21-68 1 h	Blowout, gas, explosion, fire; during a workover operation, a relief valve vented gas in the pump room. <u>B/E</u>	Closed valve	None	Rig destroyed
South Pass Block 62 OCS-G 1294 Well No. A-10 Shell	04-?-68	Blowout, gas; 8,426 ft. Occurred while conditioning hole prior to run- ning log.	BOPs controlled the well but a leak developed around the bradenhead flange. The drill pipe was perforated at 8,426 ft and cemented with 400 sacks inside and 100 sacks outside. The well was side- tracked at 2,200 ft and drilled to the original objective as a dual oil well.	None	Lost drill pipe
West Delta Block 23 OCS-G 1331 Gulf	08-21-68	Blowout, gas, ex- plosion, fire; gas leak in wellhead assembly. <u>B/E/</u>	Unknown	Unknown	11 fatalities, 20 injuries.

BLOWOUTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Grand Isle Block 43 OCS 0175 Conoco	09-?-68 several d	Blowout, gas; 14,184 ft. After setting a 5" liner, the top 123 ft of the liner was blown to the surface.	Well bridged. After rig repairs were made, the liner was pulled, the well loaded with mud, plugged back to 12,775 ft, and completed as a single well.	None	Rig damaged
South Timbalier Block 67 OCS 020 Well No. C-16 Humble	09-28-68 9 h	Blowout, gas; 910 ft, fire. <u>B/E/</u>	Well bridged	None	Platform rig damaged and removed. Platform settled.
Vermilion Block 119 OCS 0487 B Structure Conoco	09-28-68	Blowout; BOP system failed. Back pressure valve failed.	Unknown	Unknown	Unknown
South Marsh Island Block 38 OCS 0784 Pan American	10-30-68 1 d	Blowout, gas; 387 ft.	Well bridged	None	None reported
Vermilion Block 119 OCS 0487 Well No. D-11 Conoco	11-24-68 12 h	Blowout, gas; 9,544 ft.	Well bridged	None	None reported
Vermilion Block 46 OCS 079 Platform A Well A-3 Mobil	03-14-69 to 05-16-69	Blowout, gas, and condensate; 3,600 ft. A leak developed in a tapped bull plug on the wellhead spool, which developed into a blowout. <u>E/</u>	Pumped mud through relief well	Minimal	Had to plug well. Platform settled.
Ship Shoal Block 72 OCS 060 Well No. 3 Mobil	03-16-69 to 03-19-69	Blowout, oil; 9,034 ft. Vessel bumped rig during storm and sheared wellhead. <u>D/E/</u>	Capped	2,500 bbl oil	No recorded environmental damage

BLOWOUTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Main Pass Block 41 OCS 0374 Platform C Chevron	02-10-70 to 03-31-70	Fire of unknown origin in the production area resulted in loss of control of 12 wells, which fed the fire. <u>B/D/E</u>	3 relief wells were drilled. 2 wells were killed by relief wells. 6 wells bridged. 4 wells were killed by well-control.	30,000 bbl oil	Lost platform. Minor amounts of oil on beaches.
South Timbalier Block 26 OCS-G 1870 Platform B Well No. B-21 Shell	12-01-70 to 04-17-71	Blowout, gas, explosion, fire; during wire line work on well. <u>B/D/E/</u>	10 relief wells drilled	53,000 bbl oil	4 fatalities, 36 injuries; lost platform and 2 drilling rigs; minor amounts of oil on beaches. \$25,000,000 damage.
Ship Shoal Block 293 OCS-G 1043 Well No. B-10 Shell	12-19-70 4 h	Blowout, oil; while drilling.	Attempted to close BOP. BOP failed to close properly due to erroneously closed accumulator valve. Well bridged.	Minimal	None reported
West Cameron Block 639 OCS-G 2027 Well No. 2 Sun Oil	03-02-71 to 03-06-71	Blowout, gas; 3,956 ft. <u>E/</u>	Mobile rig forced to move from location when gas blew around conductor. Well bridged.	None	BOP assembly and drill pipe lost. Lost well.
West Cameron Block 180 OCS 0763 Well Nos. A-4, A-4D, and A-4T Tenneco	06-04-71 to 06-05-71	Blowout, gas; subsea leak.	Platform was shut in. Well killed with mud.	None	None reported
Vermilion Block 147 OCS-G 2071 Well No. A-1 Union	06-30-71 2 h	Blowout, gas; 12,910 ft.	Well bridged	None	Minimal damage

BLOWOUTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Pass Block 28 OCS 0694 Well No. 64 Shell	07-16-71 to 07-18-71	Blowout, gas; work- over, 8,106 ft due to casing valve failure.	Killed well with heavy mud	None	Minimal equipment damage
Eugene Island Block 215 OCS 0578 Platform B Well Nos. B-1 through B-5 Amoco	10-16-71 to 12-10-71	Blowout, explosion and fire at oil pump. Cause unknown. <u>B/D/E/</u>	Drilled 4 relief wells and shut in safety valves	450 bbl oil	Lost produc- tion platform and equipment. No recorded environmental damage.
West Cameron Block 28 OCS-G 2125 Well No. 3 Chevron	10-27-72 1 h	Blowout, gas; 15,597 ft.	Shut in well. Flowed through choke. Adapter stack below BOP failed. Rig abandoned. Well bridged.	None	Minimal damage
Ship Shoal Block 144 OCS 0815 Well No. 1 SAT Conoco	10-27-72 to 10-28-72	Blowout, gas; satellite well damaged. Possible causes: boat rammed wellhead, corrosion, or struc- tural weakness.	Well shut in by divers. Plugged and abandoned well.	None	Damage to wellhead. Lost well.
South Marsh Island Block 9 OCS-G 1180 Well No. 4 Drilling Chevron	10-28-72 30 min	Blowout, gas; well blew out around drive pipe from a well kick taken at 15,770 ft.	Shut in well. Pumped 10.4 ppg mud. Lost returns. Under ground flow suspected. Pumped 10.8 ppg mud. Well blew out around the drive pipe. Evacuated rig. Well bridged.	None	Well plugged and permanently abandoned. Lost well.
South Pass Block 78 OCS-G 2185 Well No. 2 Pennzoil	12-03-72 to 12-05-72	Blowout, gas; 3,850 ft, fire with last string of cas- ing set at 1,018 ft. Mobile rig collapsed into the crater produced by the blowout. <u>E/</u>	Well bridged.	Minimal	Mobile rig was lost.

BLOWOUTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 269 OCS-G 1036 Well No. B-3 Union	12-14-72 6 h	Blowout with dry gas routed through diverter line	Diverted dry gas for 6 h until well bridged	None	Minimal damage
South Marsh Island Block 268 OCS-G 2310 Well No. 2 Placid	05-05-73 to 05-26-73	Underground blow- out while drilling, gas; 11,393 ft. <u>E/</u>	Well bridged	None	Lost well
West Cameron Block 543 OCS-G 2010 Platform A Well No. A-4 Kerr-McGee	10-01-73 to 10-02-73	Blowout, gas; ex- plosion and fire; 8,540 ft. <u>B/E/</u>	Well bridged	Minimal	3 minor injuries; all equipment on the platform was destroyed or heavily dam- aged.
South Marsh Island Block 184 OCS-G 2295 Well No. 1 Sun	12-11-73	Blowout, gas; 1,210 ft.	Mud weight in- creased; conductor pipe cemented.	None	Minimal damage
South Pass Block 96 OCS-G 2188 Well No. 1 Exxon	04-18-74 4 h	While drilling 15-in surface hole at 2,379 ft, the well started to flow with considerable loss of mud from the riser because of expanding gas.	The annular BOP was closed and the diverter valves were opened while circulating the well with kill mud and venting gas through the diverter. Both mud pumps were used to pump 11 and 11.5 ppg mud. In 1 1/2 h, mud was being returned to the mud pits. The mud weight was then raised to 11.9 ppg and the well was brought under control in 4 h.	None	None
East Cameron Block 338 OCS-G 2063 Platform A Well No. A-6 Sun	06-10-74 5 h	Blowout, gas; TVD 2,900 ft.	Well shut in. Shallow zone blew out through a fault. Well bridged.	None	Minimal damage

BLOWOUTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Pelto Block 20 OCS 074 Platform Well No. 13 ODECO	09-07-74	Casing valve was broken off the wellhead by hurricane <u>D/</u>	Well was killed with calcium chloride solution and repaired	75 bbl oil	No recorded environmental damage
South Timbalier Block 26 OCS-G 1870 No. 7 Kill Well Shell	09-20-74 a few h	Hurricane bent casing. 2 weeks later, casing broke and gas blowout occurred.	Well bridged. Well plugged and abandoned.	None	Damage to casing. Lost well.
Grand Isle Block 9 OCS 035-S Well No. 27 Freeport Sulphur	12-16-74 21 h	Uncontrolled flow of mine bleed water; TVD 2,581 ft.	Installed full opening block valve	None	None
South Pelto Block 19 OCS 073 Platform Well No. 12 ODECO	12-22-74 to 12-31-74	Casing and tubing sheared at the mudline during an attempt to repair hurricane damage <u>D/E/</u>	Well reentered; flow was directed into storage tanks. Well plugged and abandoned.	200 bbl oil	No recorded environmental damage. Lost well.
West Cameron Block 289 OCS 0752 Well No. 1 Mobil	03-18-75	Underground gas seepage around drive pipe during workover	Plugged and abandoned well	None	Lost well
High Island Block A-471 OCS-G 2690 Well No. 1 Mobil	03-19-75 6 d	Blowout, gas; 1,150 ft. <u>E/</u>	Opened two 6-in diverter lines. Closed annular. Gas broached drive pipe set at 190 ft. The well bridged after 6 d.	None	Lost well and rig
High Island Block A-595 OCS-G 2721 Well No. 1 Mobil	04-22-75 several d	Blowout, gas; 2,545 ft.	Opened diverter. Closed annular. Kill mud pumped through drill pipe. Closed subsea shear rams. Moved off location. Well bridged.	None	Lost well

BLOWOUTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Pass Block 60 OCS-G 1608 Well No. C-15 Shell	05-26-75 1 d	The C-15 Well at a surface location in South Pass 60 was drilling toward a bottom hole location in South Pass 59, when the well bore drilled into the C-7 well. An uncontrolled flow occurred which was successfully diverted.	Successfully diverted.	None.	None.
South Marsh Island Block 50 OCS 0788 Well No. B-5 Amoco	06-11-75 42 d	Blowout, gas, fire; during completion operations. <u>B/E/</u>	Installed well-control head manifold	Unknown amount of condensate	Platform drilling deck and equipment damaged
Eugene Island Block 327 OCS-G 2910 Well No. 2 Oxy	10-07-75	Blowout, gas; 4,150 ft. During nipping down of BOP after cementing surface pipe.	Rig moved off location. Well bridged.	None	Minimal damage
High Island Block A-545 OCS-G 2704 Well No. 3 Pennzoil	12-27-75 9 d	Blowout, gas; 4,795 ft.	Weighted mud was pumped through kill line and pressure was bled off for 9 d until well was killed.	None	None
Eugene Island Block 380 OCS-G 2327 Well No. A-1 Sun	03-15-76 to 04-01-76	Blowout, gas; 1,080 ft.	Well died	None	None
West Cameron Block 165 OCS 0758 Well No. 3 Tenneco	03-24-76 to 03-30-76	Blowout through the annular space between the production casing and the surface casing during production operations.	A relief well was being drilled but was discontinued after the well bridged.	None	None
South Marsh Island Block 281 OCS-G 2600 Well No. C-9 Placid	07-30-76 to 08-01-76	Blowout, gas; 13,078 ft TD. Well kicked while running liner.	Broke formation by pumping 17 lb mud, then seawater. Pressure increased to 1,400 psi. Grease fitting in the safety valve blew out. Abandoned platform. Well bridged.	None	None

BLOWOUTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
High Island Block A-511 OCS-G 2694 Well No. A-4 Sun	08-17-76 to 08-22-76	Blowout, gas; while making a trip prior to logging the surface hole.	Diverter system was activated, but cut out. Platform was abandoned. Well bridged.	None	None
High Island Block A-563 OCS-G 2388 Well No. A-5 Pennzoil	11-06-76	Blowout, gas; 6,634 ft. E/	Blowing gas caused crater; rig and platform settled.	None	Lost drilling rig, platform, and 4 wells.
West Cameron Block 405 OCS-G 3280 Well No. 2 Skelly	11-19-76 2 h	Blowout, gas; between 7-in and 13-3/8-in casing strings.	Well bridged	None	None
South Marsh Island Block 146 OCS-G 2591 Well No. A-4 Mesa	01-16-77 6 h	Blowout, gas; around the drive pipe.	Platform evacu- ated. Well bridged.	None	None
Ship Shoal Block 208 OCS 0827 Well No. D-9 Union	02-27-77 12 h	Blowout while attempting to gas lift the well using coiled tubing unit	Blind rams closed with hydraulic pump	None	None
Vermilion Block 320 OCS-G 2087 Well No. A-1-2 Platform A Sun Exp. & Prod.	03-10-77	After jetting work- over fluid out of the hole with natural gas from 1700', the flowing tubing pres- sure reached 200 psi and the jetting ac- tion was ceased.	Two men who were stationed at the master valve in the well bay shut the well in immediately and an ESD switch was concurrently activated to shut in the platform. The fire water system pumps were started immediately and that activated the wellbay sprinkler system, although the fire had already self-extinguished.	None	4 injuries; minor hydraulic workover damage.
The 1" workover tubing was being pulled out of the hole under pressure while the well was allowed to flow to clean up. The hydraulic slip mechanism malfunctioned on the last of seven joints of 1" tubing, and they subsequently blew out of the hole. An unknown spark ignited the gassy well stream and a flash fire engulfed the workover structure. B/					

BLOWOUTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environmen
West Cameron Block 165 OCS 0758 Well No. 6 Tenneco	03-16-77	Blowout while attempting to repair a leak in the 7-in casing	Snubbing unit moved onto well. Small string of tubing snubbed in and well was plugged.	None	N/A
Eugene Island Block 307 OCS-G 2110 Well No. A-5 Conoco	06-23-77 1 d	Blowout; tubing string began moving out of the hole.	Annular pre-venter and blind rams closed, but did not completely seal. Abandoned rig overnight. Killed with mud next morning.	N/A	N/A
South Marsh Island Block 96 OCS 0791 Well No. 3 Conoco	07-06-77 17 d	Blowout, gas; after cementing 13 3/8-in surface casing and removing the BOP stack, gas outside the 13 3/8-in flowed uncontrolled to the water surface.	Pumped in mud. Rig moved off location.	None	None
West Cameron Block 110 OCS 081 Well No. 5 Mobil	07-20-77 to 07-24-77	Blowout during workover operation while coming out of hole with tubing string and wash tool	Safety valve installed and BOP closed. Could not close safety valve. Crimped tubing and pumped in mud.	None	Unknown
Vermilion Block 25 OCS-G 3390 Well No. 2 Transco	09-19-77 at least 6 d	Blowout, gas, fire; while drilling at 15,000 ft. Well kicked. <u>B/</u>	Closed BOPs. Attempted to circulate gas out. BOP leaked at 9,200 psi. Gas ignited 10-01-77. Well bridged.	None	Destroyed derrick, drawworks, and other equipment.
Eugene Island Block 307 OCS-G 2110 Platform A Well No. A-6 Conoco	11-26-77	Blowout, gas; while tripping the hole.	All BOPs closed. Blind rams crimped drill pipe reducing flow sufficiently to allow drill string safety valve to be installed and closed to kill the well.	None	None

BLOWOUTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Eugene Island Block 361 OCS-G 2324 Well No. 4 Conoco	12-26-77 3 h	Blowout, gas; while drilling at 6,241 ft.	Closed BOP. Wellhead connector of sub- sea stack leaked. The blind shear rams were closed. The riser connector could not be released. Abandoned rig. Bubbles ceased.	N/A	N/A
Matagorda Island Block 664 OCS-G 3463 Well No. 1 Drilling TransOcean	02-14-78 2 d	Blowout, gas; while cementing casing.	After well bridged, annulus was cemented.	None	None
West Delta Block 79 OCS-G 1874 Platform C Well No. C-22 Marathon	03-15-78 10 h	Blowout, gas; while drilling the hole for the 10 3/4-in casing at 1,694 ft on directional Well No. C-22, the bit drilled into exist- ing Well No. C-6. Pressure from C-6 came up the annulus of C-22 and blew through the rotary.	The driller began to pick up the kelly, but the well began unloading mud up through the rotary. He then left his station to close the annular preventer and automatically open the diverter valves. However, the flow stopped before the annular preventer could be closed. Subsequent to closing the annular preventer, no flow was observed out of the diverter lines and it was presumed that the well had bridged. Three h after the initial kick, C-22 began to flow through the diverter. Several minutes later, the flow continued through the diverter. After 2 1/2 h, the well began flowing uncontrolled up through the conductor casing until the well died 4 hs later.	None	1 minor injury and some damage to the drilling rig.
Vermilion Block 23 OCS-G 2866 Well No. CF-12 Mobil	07-15-78	Blowout, gas; while attempting to side- track Well CF-12 at 2400 ft, the bit drilled into the wellbore of produc- ing gas Well CF-2.	Closed annular preventer and diverted; diverter failed when the hoses were blown from the fittings and the diverter valves were cut by sand; well bridged.	None	None

BLOWOUTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Timbalier Block 35 OCS-G 3336 Platform D Well No. D-6 Gulf	08-01-78	Blowout, gas; while attempting to snub into drill string with 1-in pipe, snub pipe bent and broke.	Well shut in by upper master valve	None	None
Grand Isle Block 41 OCS-G 0129 Well No. 4 Conoco	08-04-78 15 min	Blowout, gas; gas kick after washing perforations at 3,050 ft.	Drill pipe was sheared with blind shear rams	None	None
Ship Shoal Block 120 OCS 083 Well No. 4 ODECO	08-10-78 26 h	Blowout, gas; lost control after completing a wiper trip, 6,006 ft.	Top rams shut. Rig evacuated. Kill weight mud pumped down hole and safety valve installed.	None	None
High Island Block A-551 OCS-G 3757 Well No. 1 Pennzoil	09-04-78 2 h	Blowout, gas; occurred when making a wiper trip prior to running 13-3/8-in casing.	Well bridged	None was lost.	The well
West Cameron Block 180 OCS 0763 Platform G Well No. G-11 Tenneco	09-09-78 to 09-11-78	Blowout, gas, fire; while coming out of the hole from a total depth of 4,198 ft. <u>B/E/</u>	BOPs failed. Platform abandoned. Well bridged.	None	Platform and rig destroyed
High Island Block A-551 OCS-G 3757 Well No. 2 Drilling Rig Pennzoil	10-04-78 Less than 1 min	Blowout, gas; slip and seal assembly blew out of the hole, due to release of trapped gas following a cementing operation. <u>E/</u>	None. Release of small volume of gas dissipated immediately.	None	1 fatality, 1 injury.
East Cameron Block 81 OCS-G 1477 Well No. 1 and Well No. 3 Mobil	10-18-78	Blowout, oil; during workover operation.	Well No. 1 bridged, Well No. 3 diverted to sales line until relief well was drilled.	Light to moderate slick of about 80% condensate.	80% condensate slick

BLOWOUTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Marsh Island Block 11 OCS-G 1182 Well No. 25 Texaco	11-14-78 1 h	Blowout; during wire line work, mud began flowing from surface casing valve.	Could not close frozen surface casing valve. Well bridged and a companion flange and bull plug were installed.	None	None
Mustang Island Block A-085 OCS-G 3061 Well No. 4 Conoco	01-16-79 to 02-01-79	Subsea BOPs were pulled to change rams. Bubble area estimated at 40 ft in diameter was observed on sea surface over well- head, due to hole in casing at 5,282 ft. Total depth was 15,061 ft.	Vessel moved off location. An unsuccessful attempt was made to run a bridge on 01-26-79. The BOP was latched and well shut in. Well was then flowed through the choke manifold. Detected 2.5 ppm H ₂ S. Moved off location, 01-29-79. Moved back over well and latched the BOP. Well flowed through choke and kill lines. Sheared drill pipe with blind shear rams. Moved off location. Well bridged.	None	Lost wellhead and lower BOP stack
South Marsh Island Block 281 OCS-G 2600 Platform C Well No. C-17 Placid	03-05-79 to 04-17-79	Blowout, gas, explosion, fire; 14,615 ft. Well kicked during circulation of gas bubble after backing off from stuck drill pipe. Relief valve on mud pump released gas which ignited. <u>B/E/</u>	Closed BOPs, could not close drill stem safety valve or stand pipe valve. Relief valve on mud pump open- ed, and released gas which ignited. Killed well with mud.	Oily sheen in vicinity of the rig	8 fatalities; damage to drilling rig and subsid- iary equipment estimated at \$2.5 million.
Vermilion Block 25 OCS-G 3390 Platform Rig, <i>Salenergy No. 11</i> Well No. 6 McMoran	04-21-79 18 h	Blowout, gas, fire; 13,785 ft. While attempting to circulate a kick out through the choke with the annular and top pipe rams closed, mud and gas started coming through the rotary. Closed the bottom pipe rams, and the BOP failed below the 4 1/2" pipe rams. <u>B/E/</u>	Abandoned the rig. The well ignited and the rig capsized. Well bridged.	Trace	The rig was completely destroyed.

BLOWOUTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
West Delta Block 86 OCS-G 2934 Well No. 2 Marathon	06-01-79 5 h	Blowout, gas; 4035 ft. After cementing surface casing.	Evacuated rig due to aeration under the rig. Well bridged.	None	None
West Cameron Block 538 OCS-G 2552 Chevron	07-24-79 1 d	Blowout, gas; during pulling out of hole to secure for tropical storm <i>Claudette</i> .	During kill operations, a severe gas boil developed under rig. Drill pipe was sheared and riser disconnected. Rig moved off location. Well bridged.	None	None
Galveston Block 144 OCS-G 3374 Platform A Well No. A-14 Occidental	02-25-80 1 d	Blowout, gas; while pulling a wire line pump through tubing plug, tools were blown up the hole and stuck in the tree. Master valve could not be closed; uncontrolled flow. Converting to injection well.	Well killed by pumping calcium chloride solution through wing valve.	None	None
Ship Shoal Block 246 OCS-G 1027 Platform B Well No. B-6 CNG	03-09-80 1 d	Blowout, gas; gas blowing 20 ft high through leaking needle valve. 1 subsurface, 2 master valves would not close.	Closed valve on flow line. Abandoned platform. Pumped mud through wing valve to regain control.	None	None
High Island Block A-368 OCS-G 2433 Platform A Well No. A-3 Pennzoil	03-24-80 16 h	Blowout, gas, explosion, fire; caused by shallow gas. The rig was drilling at a depth of 2,505 ft when a decision was made to pull the drill pipe inside of the conductor casing and repair the mud pumps. After five stands of pipe were pulled, the well started flowing mud through the annulus. <u>B/E/</u>	One stand of pipe was returned to the hole and the kelly was installed. Closed the annular preventer. Activated the diverter system, which did not open because locking bars were installed. Gas was suddenly released during an attempt to unlock the diverter valve. The diverter hose ruptured and the gas ignited with explosive force. Firefighting boats were used.	None	6 fatalities, 29 injuries. The well and platform were lost.

BLOWOUTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Vermilion Block 348 OCS-G 2271 Platform A Well No. A-1 Mesa	08-24-80 30 d	Blowout, gas, fire; well blew out dur- ing completion op- erations. About 12 h later, the gas ignited. <u>B/E/</u>	Well was killed with seawater pumped through a relief well	None	4 minor injuries, major platform and rig damage.
Sabine Pass Block 11 OCS-G 4191 Well No. 2 Tenneco	08-30-80 1 h	Blowout, oil, gas, 12,650 ft; while the pipe was being pulled out of the hole for logging operations the well began to flow. <u>E/</u>	Ran 1 stand back in hole, shut in well for 2 h. Opened well ran 8 stands into the hole. Shut in well. At- tempted to circulate gas bub- ble. Pumps failed. Contin- ued bleeding without circula- tion. Kelly, drill pipe, bot- tom hole assembly were pushed out of the hole. Well bridged.	Minor	9 injuries; derrick destroyed, minor pollution from oil base mud.
Matagorda Island Block 669 OCS-G 4065 Well No. 1 Cities Service	08-30-80 fire 1 d, blowout 2 d	Blowout, gas, 13,794 ft; explo- sion, fire. Well was swabbed while tripping out of hole. Well control lost while circula- ting gas bubble to surface, 9-5/8-in casing ruptured below BOP stack. <u>B/E/</u>	Returned drill pipe to bottom. Circulation con- tinued. Closed annular preventer. Circulated through choke manifold. Annular preventer failed. Closed pipe rams. Casing pressure increased until the 9 5/8-in casing failed at 7,200 psi. Eventually, the 13 3/8-, 20-, and 30-in casings ruptured below the BOP. Escaping gas ignited and exploded. Well bridged.	None	5 fatalities, 6 injuries; damage to jackup rig \$30 million.
Eugene Island Block 215 OCS 0580 Platform C Well No. C-5 Tenneco	09-18-80 to 09-21-80	Blowout, gas, oil; 4 cap screws in the bonnet of the bottom master valve failed when valve was closed in subsea wellhead cellar allowing release of gas.	3 men made an emergency evacu- ation in the ser- vice capsule, which was blown to the surface. Divers repaired the hydraulic control system connected to the flow line. Well was killed by pumping seawater into the flow line.	Light sheen 1 bbl oil	None

BLOWOUTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
West Cameron Block 204 OCS-G 3964 Well No. 1 Gulf	11-27-80 3 d	Blowout, gas, 9,899 ft; gas bubbles coming up around drive pipe.	Evacuated rig. Skeleton crew killed well by pumping mud through the wing valve.	None	None
High Island Block 38 OCS-G 4077 Well No. 1 Placid	01-12-81 1 d	Blowout, 11,259 ft; fire occurred while drilling. Fill-up line valve was left open. B/E/	Closed annular preventer. Opened fill-up line to release trapped gas. Closed pipe rams. Could not close fill-up line. Abandoned rig. Well blew out through the swivel neck. Well bridged.	Light sheen	1 fatality, 2 injuries; major damage to rig and submersible barge.
High Island Block A-325 OCS-G 2416 Platform A Well No. A-2 Pennzoil	01-24-81 3 d	Blowout, gas; occurred during completion opera- tions. Back pres- sure valve had been removed.	Installed 8-in valve on wellhead	None	None
Ship Shoal Block 295 OCS-G 3999 Platform A Well No. A-1 CNG	02-19-81 1 min	Blowout, gas, 7,849 ft; an influx blew rotary bushing 25 ft into the air.	Well shut in and killed. Plugged and abandoned.	None	Most of rig and platform covered with mud
East Cameron Block 46 OCS-G 3288 Platform A Well No. A-5 Sonat	02-27-81 1 d	Blowout, gas; BOP system failed, well flowed uncontrolled through a bull plugged outlet on lower set of rams on snubbing unit.	Replaced the bull plug with a valve	None	None
Sabine Pass Block 13 OCS-G 3959 Well No. B-1 Tenneco	06-19-81 1 d	Blowout, gas; occurred while pipe was being backed off.	Pipe was frozen with dry ice	None	None

BLOWOUTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Pelto Block 18 OCS-G 3589 Well No. A-1 Mesa	07-26-81 6 d	Blowout, gas; in-line safety valve would not close during well completion, kelly valve and stand pipe valve leaked.	Evacuated rig. Installed new blind shear rams.	Light sheen	2 injuries
Eugene Island Block 273 OCS-G 0987 Well No. B-12 Amoco	10-05-81 30 h	Blowout, gas; occurred while attempting to kill well by reversing out. Tubing parted at surface below control head.	Blind rams and bag preventers could not be closed. Installed new shear rams, well killed with seawater.	None	None
West Cameron Block 294 OCS-G 4090 Platform A Well No. A-3 Amoco	10-19-81 1 d	Blowout, gas; high-pressure joint in line broke loose.	Closed wing valve	Light sheen	None
Viosca Knoll Block 900 OCS-G 2445 Platform A Well No. A-8 Gulf	11-28-81 1 d	Blowout, gas, oil, 7,651 ft; occurred while removing pipe. <u>D/</u>	Closed pipe rams. Could not install safety valve. Pumped down annulus. Installed a full opening safety valve.	64 bbl oil	None
South Pass Block 54 OCS-G 1606 Well No. 7 Texaco	12-27-81 1 h	Blowout, gas at 2,731 ft. Drilled into a gas pocket while drilling the 12 3/4-in hole.	The annular preventer was closed but the overboard diverter valves would not open. Well pressure leaked around the BOP packing unit, the overboard diverter valves, and the flow line valve. All personnel were evacuated and the well bridged within an hour.	None	None
South Marsh Island Block 130 OCS-G 2280 Platform D Well No. D-26 Shell	01-07-82 45 min	Blowout, gas, 979 ft; well came in while pulling drill pipe.	Annular preventer closed. Safety valve installed. Flowed well through diverter. Well bridged.	None	None

BLOWOUTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Timbalier Block 177 OCS-G 1260 Well No. E-5 Gulf	02-07-82 12 h	Blowout; high-pressure connection to wire line lubricator broke.	Pumped down mud	Light sheen	None
Galveston Block 391 OCS-G 3740 Well No. A-1 Tenneco	04-19-82 3 h	Blowout; well kicked while lowering scraper and mule shoe to wash perforations. Well blew out through drill stem above monkey board.	Well bridged. Closed blind rams manually. Filled hole with kill mud.	None	Minimal damage to platform.
South Timbalier Block 300 OCS-G 4240 Well No. A-5 Shell	05-14-82 1 h	Blowout, 3,321 ft; after pulling 3 stands, well began to flow. 2 stands were run back into the hole. When the kelly was picked up and the slips pulled, the kelly bushings were blown out of the rotary table.	Closed annular preventer. Increased accumulator pressure to stop annular leak. Diverted well and pumped mud through kelly. Well bridged.	None	4 minor injuries, minor damage to rig.
South Marsh Island Block 155 OCS-G 4110 Well No. A-4 Mesa	05-15-82 6 h	Blowout, 9,212 ft, explosion, fire; kick occurred while drilling; explosion and fire occurred at shale shaker while circulating kick. <u>B/</u>	Closed blind shear rams. Platform abandoned.	None	3 minor injuries
West Cameron Block 65 OCS-G 2825 Well No. JA-3 Shell	07-14-82 57 d	Blowout, fire; kelly hose burst during well-control procedure. Kelly cock and in-line safety valve could not be closed. Fire occurred the next day. <u>B/E/</u>	Well bridged	Light sheen	Jackup rig and derrick destroyed.
South Pass Block 93 OCS-G 1619 Well No. 5 Exxon	10-19-82 4 h	Blowout; well began to flow out of control and was diverted.	Well was plugged after 2 diversion events	None	None

BLOWOUTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Eugene Island Block 361 OCS-G 2324 Platform A Well No. A-10 Chevron	10-21-82 7 d	Blowout, 4,292 ft, fire; well ignited after blowout, dur- ing development drilling. Annular preventer leaked after well kicked. <u>B/E/</u>	Well bridged	None	Drilling rig and quarters destroyed
West Delta Block 70 OCS 0182 Platform L Well No. L-1D Conoco	12-17-82 16 h	Blowout, gas; well kicked while changing inside BOP to tubing safety valve.	Closed blind shear rams	None	None
South Marsh Island Block 95 OCS 0790 Platform A Well No. A-2 Texoma	02-15-83 17 d	Blowout; while pulling drill pipe out of 12 1/4" hole on well A-4, prior to running 9-5/8" sur- face casing to 1,980', the A-2 Well began blowing gas, sand, and water through the 20" drive pipe. Operations on the A-2 Well had been previously suspended with 7" casing set at 3,552' and a temporary abandonment cap set on the 20" drive pipe.	Evacuated plat- form. On 02/16/83 Well A-4 was secured with two drill collars hanging in the rotary with the diverter system open, annular closed, and the drill string safety valve installed On 02/20/83, the <i>Teledyne Movable 17</i> spudded relief Well #4. On 03/3/83 Well A-2 was intersected at 2,120 ft and killed the well with 11 ppg mud. After securing Well A-4 with a retrievable bridge plug in the 9-5/8" casing, the <i>Keyes 303</i> was skidded to Well 2-A, and a diverter system, annular preventer, and pipe rams were installed.	None	None
	03-05-83 1 d	Re-blowout: Well A-2 blewout again, blowing gas, sand, and saltwater through the two 6' diverter valves.	Evacuated all personnel to <i>Movable 17</i> and resumed pumping operations on relief Well #4 to kill Well A-2. Well A-2 was killed with 11 ppg mud on 03/6/83, and a secondary diverter system was installed.	None	None
	03-07-83 1 d	Re-blowout: A 7" casing cutter was run into Well A-2 in an attempt to cut the 7" casing at 300', but an obstruction was tagged at 132' and the cutter was pulled. The 7" casing was speared and 132' of 7" casing were recovered. The casing had been cut by sand. While attempting to recover additional 7" casing, the well blew out again.	All personnel were evacuated to <i>Movable 17</i> and Well A-2 was killed by bullheading 9.7 ppg mud and seawater down relief Well #4. It was concluded that the 7" primary cement job failed, and allowed formation fluids to enter the 7" x 9-5/8" annulus and pressurize the 13-3/8" temporary abandonment cap.	None	None

BLOWOUTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Timbalier Block 264 OCS-G 5209 Well No. 2 Champlin	04-09-83 14 h	Blowout, increase in flow show indicator; well was diverted.	Activated diver- ter, pumped mud, flow ceased.	None	None
South Timbalier Block 264 OCS-G 5209 Well No. 2 Champlin	05-13-83 5 d	Blowout, occurred during wire line operations.	Well bridged	None	None
South Pass Block 37 OCS 0697 Well No. E-2 Texaco	05-13-83 30 min	Blowout, 2,339 ft; due to swabbing.	Ran 1 stand into hole. Closed annular. Opened diverter. Well bridged.	None	None
Mississippi Canyon Block 148 OCS-G 2640 Platform A Well No. A-12 ARCO	05-26-83 4 h	Blowout, gas; while waiting for cement to set, pressure increased on the annulus.	Flowed well through diverter, wear plug was cut by flow. Shut in well, perforated casing. Kill weight mud pumped, followed by cement.	None	None
Main Pass Block 73 OCS-G 2947 Platform A Well No. A-20 Mobil	06-28-83 1 min	Blowout; falling fish struck closed surface-controlled subsurface safety and broke the flapper, releasing trapped pressure below the valve.	Master valve was closed	None	2 injuries
Matagorda Island Block 657 OCS-G 4139 Platform B Well No. 1 Exxon	07-20-83 1-1/2 d	Blowout, gas, 3,748 ft; well began to flow after losing circulation and pumping sea- water into annulus. <u>E/</u>	Diverter system activated. The annular BOP rubber ruptured. The rig was evacuated. The well broached around conductor and the rig toppled. The well was bridged.	None	Lost rig

BLOWOUTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
High Island Block A-572 OCS-G 2392 Platform C Well No. C-20 Mobil	08-20-83	Blowout, saltwater, 2,046 ft; after evacuating rig for hurricane, the accumulator pressure was lost allowing the annular preventer to open. Main diverter valve was opened and the well unloaded.	Drill pipe was stripped into the hole through the annular preventer. Pumped 75 bbl of 13.6 ppg mud to kill the well.	None. Flow was from salt-water sand.	None
Grand Isle Block 102 OCS-G 5662 Well No. 1 Amoco	10-10-83 13 min	Blowout, gas, 3,437 ft; after drilling into a shallow high-pressure zone.	Flow was diverted and mud pumped down the hole. Well bridged.	None	None
East Breaks Block 160 OCS-G 2647 Platform A Well No. A-28 Union	10-13-83 17 h	Blowout, gas, fire, 4,817 feet; high-pressure gas was encountered and diverted for 35 min; one of the diverter lines ruptured, and the gas ignited. The fire was extinguished the next day, when the well bridged. <u>B/E/</u>	Actuated diverter. Rig was evacuated and well bridged.	None	Extensive damage to two rigs and platform
Eugene Island Block 10 OCS-G 2892 Well No. 3 Transco	10-20-83 7 d	Blowout, fire, 15,573 ft; well began to flow during workover operations. Drill-string safety valve began to leak at stem, causing well to ignite. <u>B/E/</u>	Pumped mud down annulus. Drill-string safety valve began to leak at stem, causing well to ignite. Killed well and extinguished fire.	None	Extensive damage to rig
Grand Isle Block 102 OCS-G 5662 Well No. 1 Amoco	10-25-83 3 h	Blowout, gas, 3,971 ft; well began to flow while cement in 16-in surface casing was being tested.	Flow was diverted and well bridged	None	None
Ship Shoal Block 313 OCS-G 5571 Well No. 1 ARCO	01-04-84 1 h	Blowout, gas, fire; well was drilled through a shallow gas sand. While gas was being diverted, the port side diverter line ignited. <u>B/</u>	Opened diverter. Well bridged and fire was extinguished.	None	None

BLOWOUTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
High Island Block A-397 OCS-G 3955 Well No. 1 Union	02-07-84 10 d	Blowout, gas, 1,453 ft; after the well was cemented and while the sub- sea BOP stack was being run, bubbles were sighted near the wellhead.	Subsea BOPs were retrieved and rig moved off location. Rig moved back on location when flow diminished and regained well control.	None	None
South Timbalier Block 59 OCS-G 2927 Well No. A-1 Tenneco	06-11-84 2 min	Blowout, gas; tubing parted at 589 ft while pul- ling packer, 500 ft of tubing was pushed out of the hole by a gas bubble.	Shut in well	None	Unknown
Green Canyon Block 69 OCS-G 5893 MODU, <i>Penrod 75</i> Well No. 1 Conoco	09-14-84 10 min	Blowout, gas, fire; after completing a well kick operation at 9,535 ft, the subsea BOP stack was circulated and vented. Upon opening the annular BOP, re- maining trapped gas came up the riser and ignited. <u>B/E/</u>	Well bridged	None	4 fatalities, 3 injuries, \$15 million damage to drilling rig.
South Pass Block 93 OCS-G 1619 Platform B Well No. B-1 Exxon	11-10-84 10 min	Blowout, gas; well began flowing while drilling at 1,773 ft.	Closed annular, opened diverter. Well bridged. Drill pipe became stuck. Well killed with mud. Stuck pipe freed.	None	None
South Pass Block 74 OCS-G 6801 Well No. 1 Conoco	01-29-85 15 min	Blowout, gas, 2,996 ft; well began to flow dur- ing a pipe connec- tion; overboard diverter line failed. Accumulator air supply line broke causing the annular preventer to reopen.	Actuated blind shear rams, killed well with 11 ppg mud.	None	Damage to diverter and BOP system

BLOWOUTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
West Delta Block 90 OCS-G 1089 Platform B Well No. B-13 Amoco	02-23-85 8.5 h	Blowout gas, oil; the casing hanger anchor bolts and packing glands were being removed for repair when the well unloaded through the open bolt holes.	Opened 2-in valve on casing head to relieve pressure, but flow was too great to allow replacement of anchor bolts. Valve cut out due to flow. Evacuated rig. Well bridged.	40 bbl	None
Mobile Block 861 OCS-G 5062 Well No. 1 Chevron	03-23-85 to 08-13-85	Underground blow-out, gas; during the stripping out of well through annular preventer after well kick, drill pipe elevators failed. Formation at intermediate shoe fractured, surface pressure increased, causing eventual casing rupture at 3,270 ft.	Well was killed with cement squeeze plug before 2 relief wells were drilled.	None	None
West Cameron Block 528 OCS-G 3385 Well No. 1 Amoco	04-01-85 3 h	Blowout; influx of formation fluid around the shallow casing resulted in mud blowing from below the BOP stack.	Evacuated rig. Well bridged.	None	Damaged casing
Matagorda Island Block 653 OCS-G 4545 Platform E Well No. E-4 and Block 669 OCS-G 4065 Platform A Well No. A-5 Cities Service	08-25-85 4 d	Underground blow-out, gas, 5,482 ft in Well No. E-4 in Block 653; on 08-02-85 when previous cement squeeze failed, allowing gas to propagate to Well No. A-5 in Block 669. Surface blowout occurred on Well No. A-5 when cement job and casinghead valve failed on 08-25-85.	Well bridged. Casing valve repaired and closed.	None	None

BLOWOUTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
West Cameron Block 648 OCS-G 4268 Platform A Well No. A-1 Sun	12-03-85 to 01-20-86	Blowout, gas, fire; occurred during workover opera- tions. Fire oc- curred 12-07-85 and burned until 12-31-85. Well was killed on 01-20-86. <u>B/E/</u>	Closed annular and pipe rams. Shut in platform wells. Evacuated platform. Pumped water into structural casing in an attempt to extinguish the fire. Two relief wells were being drilled when the well was killed after pumping 40 bbl of cement.	None	3 minor injuries; workover rig and well bay area were destroyed.
West Cameron Block 71 OCS 0244 Well No. 12 Mobil	11-10-86 2 to 3 min	Blowout, gas, ex- plosion, fire; pipe parted during snub- bing workover opera- tions. Escaping gas ignited on top deck. <u>B/E</u>	Closed master valve	None	2 fatalities, 1 injury.
Galveston Block A-127 OCS-G 4727 Platform A Well No. A-2 Hall-Houston	12-22-86 1 h	Blowout, 5,952 ft, gas; influx of formation fluid during drilling operations.	BOPs were closed and the diverter system activated, but the rubber element in the BOP ruptured. Well bridged.	None	None
Vermilion Block 226 OCS-G 5195 Platform Well No. C-3 McMoran	03-20-87 3 d	After drill stem testing, the operator was preparing to reverse circulate when the 3 1/2-in drill pipe test string split at 967 ft. The 4,000 psi well pressure blew off the 2-in flowline to the bell nipple. This 2-in line then fell on the top of the HRC valve control line, rupturing it, resulting in the loss of accumulator pressure and thereby disabling the BOPs. The blowout force blew out the inner rotary bushing and the master bushing, which struck and broke the flow tube to the test manifold that was on top of the drill pipe. The gas flow engulfed the rig floor. <u>D/</u>	The annular pre- venter was closed but didn't hold. The top variable- bore rams were partially closed; the bottom variable-bore rams were open; the blind rams were closed, but didn't sever the tubing. Evacuated the platform. The well continued to flow out of control until a new accumulator could be installed. The new accumulator was used to close the variable-bore rams on the 3 1/2-in work string. The upper pipe rams were replaced with blind shear rams which were then activated successfully to control the well.	60 bbl condensate	Property damage estimated at \$150,000.

BLOWOUTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
West Delta Block 0109 OCS-G 2941 Platform Well No. A-16 Texaco	05-02-87 4 d	An intermittent flow of mud, gas, and water occurred between the 20-in conductor casing and the 13 3/8-in surface casing on Well A-16. The flow increased, and after 15 min, the platform was abandoned.	Wells A-1, 4, 8, 12, 16, and 17 were killed with 12 ppg mud. The 7-in casing on Well A-17 was bled from 650 to 0 psi on 05/06/87, and the uncontrolled water flow on Well A-16 was stopped. Cement was placed across Well A-16 perforations.	None	None
South Timbalier Block 0051 OCS-G 6766 Platform Well No. 003 Chevron	05-06-87 5 min	A dual completion was in process to perforate, gravel pack, and circulate 8.6 ppg fluid at the lower sand. After perforating the upper sand, annulus fluid was circulated. The work string was pulled from the well and no flow was observed. While going back into the well with the work string, formation gas migrated to the surface and the well flowed through the open pipe.	The annular BOP was closed. The 3 1/2-in pipe slips and the rotary bushing were blown from the rotary. The 3 1/2-in pipe rams were closed from the remote BOP control station and the flow lessened. The blind rams were closed and the flow stopped after 5 min.	None	None
High Island Block 134 OCS-G 6158 Well No. 2 Conoco	06-19-87 4 d	Took kick while drilling (drilling break had occurred at 11,476 - 11,505 ft). Drill pipe became stuck with 100 psi on the drill pipe and 600 psi on the casing. Two gas boils were noted; one located around the pipe at the slope end of the jack up and the other outside of the pad of the jackup.	Well flow diminished. Divers located slight flow on bottom, 20 ft from casing and outside of the keyway on the fourth day.	None	None

BLOWOUTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Timbalier Block 128 OCS 498 Jack Up Well No. X-1 Chevron	09-06-87 1 d	After killing the well during a work-over operation, a BPV was run into the tubing to check for trapped pressure. No pressure was	The well was shut in and was killed with 11.6 ppg calcium chloride water.	None	None
observed. The hold down pins were backed out of the tubing hanger to allow tension to be applied to the tubing to part the tubing at 1,048 or 1,960 ft, (the two weak points) or pull the seal out of the packer at 15,300 ft. The tubing parted at approximately 2,000 ft. It was assumed that trapped gas below the BPV blew 700 ft of tubing overboard.					
Mississippi Canyon Block 311 OCS-G 2968 Platform A Well No. A-17 Shell	11-04-87 16 d	Sustained casing-head pressure on the production casing leaked into the outer strings, and one string failed. A resulting underground blowout caused extensive damages.	Well was killed. The flow decreased significantly and after conditions stabilized, the plume around the platform subsided.	None	Pile B-3 was lost and there was a slight tilt in the platform.
South Marsh Block 0236 OCS-G 4437 Satellite Well No. 001 Texaco	11-25-87 7 h	Field personnel reported gas escaping from satellite Well No. 1 after the caisson was rammed by a shrimp boat. The operator found that dry gas was escaping between the tubing head flanges and the master valve.	The escaping gas was shut in and controlled by opening the crown valve and surging the well fast enough to close the subsurface controlled subsurface safety valve.	None	None

BLOWOUTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Viosca Knoll Block 32 OCS-G 7871 Well No. 2 Santa Fe	12-17-87 4 d	Drilled to 2,900 ft. After starting a wiper trip, the hole took mud properly until fifth stand of pipe was pulled. The five stands were run back into the hole and circulation was started. Approximately 10 min after breaking circulation, the flow rate increased.	The well was shut in at the 21 1/2-in annular preventer, the downwind (starboard) diverter line was opened, and the well flowed. Due to difficulties in adding barite to the 9.5-ppg mud in the active mud pit, the mud pit was nearly emptied before barite could be added. After the active pit was emptied, 9.2-ppg mud, plus whatever barite had been added, was pumped into the Well. When all of the 9.2-ppg mud was pumped, a pit containing 100 bbl of 9.0-ppg polymer mud was pumped into the well. The well continued to flow during the entire pumping operation. Evacuated personnel. Diverter was cut out. Well bridged.	None	The bell nipple and entire BOP stack were sheared off by sand flow. The 10 3/4-in casing was very worn. The rig floor and derrick received minor damage.
Galveston Block 350 OCS-G 4721 Well No. 2 Walter Oil & Gas	01-29-88 4 d	After squeeze cementing and perforating in the 8,000-9,000-ft range, during work-over of Well No. 2, the well flowed gas and cement, and was eventually shut in against 1,800 psi pressure.	The blowout was closed, but would not hold. The cementing operation apparently had interfered with the operation of the BOP, preventing its complete closure. The well was killed by pumping in heavy mud.	None	None
Ewing Bank Block 966 OCS-G 6925 Well No. 1 Texaco	02-25-88 4 d	Well kicked. Hole in casing. Sea-floor bubbles.	Well killed with mud.	None	None

BLOWOUTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
East Breaks Block 165 OCS-G 6280 Platform A Well No. A-14 SOHIO	05-29-88 6 h	After cementing the 7 5/8-in casing from total depth, 12,629 ft, the rig crew attempted to washout the 7 5/8-in annular section and the well started flowing gas.	Evacuated platform. Well bridged.	None	None
Main Pass Block 299 OCS-G 9372 Teledyne Mobile No. 16 Well No. 11 Freeport- McMoran	01-08-89 21 d	Blowout, gas; 1,387 ft, fire. 10 3/4-in surface casing was set and cemented at 1,387 ft. While nipping up the BOP, gas was noted outside the surface casing.	Two spray boats commenced spraying as soon as protective breathing apparatus arrived. Spraying continued with three boats until the rig collapsed. Two relief wells were spudded on the 17th day. No H ₂ S was detected after the 18th day. Flow ceased on the 21st day, 01-28-89.	None	Jack-up drilling rig was totally lost.
	04-14-89 5 d	Re-blowout: After flow ceased on 01-28-89, the semi-submersible, <i>Diamond M Century</i> moved onto the well to clean it out for permanent abandonment. The casing and drive pipe were bent when the rig toppled over. In order to re-enter the well, the casing was cut off just above the mud line, and the well was re-entered with drillpipe. In the process of milling and reaming inside the 16-in drive pipe or surface casing at about 700 ft, the bridge was apparently dislodged and the well began to flow with a surface boil about 300 ft in diameter.	The rig moved away from the boil and the well bridged on the 5th day.	None	None

E/

BLOWOUTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Timbalier Block 86 OCS-G 9367 Well No. 1 Freeport-McMoran	03-26-89 9 h	While drilling at 3,660 ft, gas in the drilling mud showed an increase on the logging unit to 6,000 units with 90 ppm of H ₂ S.	Activated diverter system which operated for 7 min before the hose broke. Evacuated the crew safely. Well bridged.	None	None
The operator commenced circulating mud but the well started flowing over the rotary table.					
Eugene Island Block 349 OCS-G 2322 Platform A Well No. 36 Marathon	03-30-89 5 d	Annular flow after cementing.	Successfully diverted for 5 d.	None	None
Galveston Block 424 OCS-G 4186 Platform Well No. A-1 Chevron	07-06-89 1 1/2 d	Uncontrolled flow from a 3/8-in sample fitting on the horizontal run from the wellhead during routine production operations.	Closed bottom master valve.	None	None
South Timbalier Block 021 OCS 0263 Well No. 116 Chevron	08-03-89	During a workover operation, dual tubing string handling tools were being rigged up on the rig floor, while the tubing hold-	After the tubing was blown out of the hole, the well was shut in with the blind rams, and killed with fluid.	None	1 injury, minor damage.
down pins were being backed out at the wellhead. Due to a communication error, the hold down pins were backed out completely prior to killing the tubing strings with fluid. The tubing hanger, tubing strings, subsurface ball valves, and subsurface hanger locator were blown out of the hole from a depth of 295 ft.					

BLOWOUTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Green Canyon Block 6 OCS-G 6987 Platform A Well No. A-1 Texaco	09-16-89 1 1/2 h	After drilling to 3,740-ft TVD, a shallow gas/salt-water zone was swabbed into the well bore. After returning the drill pipe to bottom and circulating, the well started to kick mud above the rotary table.	Closed the annular preventer and diverted through both lines. The well bridged after 1 1/2 hours.	None	None
Ship Shoal Block 246 OCS-G 1027 Platform B Well No. B-7 CNG	09-21-89 1 d	Well began to flow dry gas while pulling tubing and packer during abandonment operations.	Evacuated platform. Flow diminished.	None	None
South Timbalier Block 021 OCS 0263 Well No. 124 Chevron	11-11-89	A flight crew observed gas blowing from the production casing of the satellite Well No. 124 and that the tree was missing. A subsequent on site inspection confirmed that the tree was missing, and that the flow line, supply piping, railings and decking were damaged. It was surmised that this satellite structure was struck by some type of vessel.	The well was secured by installing a back pressure valve in the tubing hanger.	None	Lost tree. Flow line, supply piping, railings and decking were damaged.
Green Canyon Block 0006 OCS-G 6987 Platform A Well No. A-9 Texaco	11-12-89 1 d	Two hours after the surface casing was set and cemented at 3,439 ft, the well began flowing on the surface annulus.	Closed annular preventer and diverted flow. The well bridged after one d. Although the surface flow stopped, noise and temperature logs indicated that there was flow downhole. After ten d, the downhole flow stopped.	None	None
Ship Shoal Block 177 OCS 0590 Well No. 6 Amoco	12-01-89 11 d	The 10 3/4-in casing had been set at 4,500 ft. While nipping up the BOP, gas started to flow up the 10 3/4-in by 16-in annulus.	The well bridged and all flow ceased on 12/11/89.	None	\$28,500 property damage.

BLOWOUTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Timbalier Block 287 OCS-G 10856 Well No. 2 Norcen	12-07-89 5 d	Kick occurred while drilling with 11.8 ppg mud in the hole at 2,289 ft, (below 20-in conductor pipe cemented at 1,570 ft). Shut in well with 30 psi at the surface. Pressure increased to 400 psi with bubbles and mud flowing outside the drive pipe.	Stripped drill pipe into hole and spotted heavy mud in drill pipe and 20-in casing. Flow ceased on 12/09/89. Filled the open hole with cement back into the 20-in 20-inch casing string.	None	None
Eugene Island Block 231 OCS-G 980 Well No. C-A-3 Chevron	12-21-89 5 d	Well was killed and production casing annulus checked for pressure. No pressure was noted so well was thought to be dead. The crew proceeded with operations to chemically cut the tubing. Salt water and gas started to flow through a bleed valve that was thought to be closed.	Pumped water down the tubing to try to avoid ignition of the gas. Crew shut valve to stop flow, and pumped heavy mud into the well.	None	None
Galveston Block 006 OCS-G 6987 Well No. A-5 Texaco	05-10-90 2 h	After drilling to 3,625 ft MD (3,440 ft TVD), 13 3/8-in casing was set and cemented at 3,568 ft with 722 cu. ft. CLH cement. While waiting on cement, the well was kept full with mud from the trip tank (1 bbl in 4 h) Well started belching mud.	Closed annular preventer and kept backside full. Mud and gas were diverted through 12-in west side diverter line. Flow ceased after 2 h.	None	None

BLOWOUTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Brazos Block A-23 OCS-G 3938 Keyes 303 Jack-up Well No. A-8 Norcen	05-30-90 4 d	Blowout gas; after completing a production test of a gas zone, an unsuccessful attempt was made to set a cast-iron bridge plug with wire line tools. With the tools inside the	The manual bleed valve was closed and the remote control was activated to close the sliding sleeve valve, but the flow continued. The blind-shear	12 bbls of oil base mud. Most of the oil base mud was cleaned from the rig surfaces.	Damage estimated at \$350,000.
lubricator, above the closed upper and lower master valves, the 9,200 psi tubing pressure was bled down to 800 psi. The pressure seal in the upper master valve then failed under the differential pressure of 8,400 psi. (Due to a leak in the lower master valve, the total differential was retained by the upper master valve.) The gas surge into the lubricator propelled the wire line tools against the top of the lubricator and broke the tool string near its top, allowing the string to fall onto the upper master valve. The jarring effect of the upward and downward blows was transferred to a flow line union near test tree outlet. The union began to leak and the rig floor area rapidly became engulfed with gas.			rams were closed, the tubing was severed, and the blind-shear rams initially retained the pressure. In order to close the blind rams, the pipe rams were opened, and the rig was jacked up to raise the tubing above the blind rams. During the jacking, the blind-shear rams failed. Well pressure and flow velocity blew 38 ft of severed tubing onto the rig floor. The blind rams were closed. Closing the blind rams imposed 9,200 psi on a 5,000 psi vibrator hose in the mud discharge line and the hose ruptured. The rig was evacuated. A well control specialist closed a manual valve on the kill line. Flow was diverted through the kill line and out a vent at the top of the derrick. The well was killed by pumping kill weight mud down the tubing.		
West Delta Block 117 OCS-G 1101 Platform D Well No. D-4 Chevron	06-13-90 450 ft of tubing drill pipe and drill collars were blown from the well. The rig was performing a blind backoff when trapped pressure beneath the subsurface safety valve forced pipe from the hole. One man was slightly injured.	The rig was working over Well No. D-4 when approximately	Well was killed and subsequently plugged.	None	1 injury, lost 437 feet of pipe.
High Island Block A-519 OCS-G 8184 Glomar Adriatic II Well No. 3 Koch Exploration	07-09-90 17 d	Well had been drilled to 3,085 ft (TD for the well) using a jackup rig. The well began to flow after a short trip.	The pipe rams were closed and 930 psi was observed on the casing (float in drill pipe). Gas bubbled to the surface (through channels charged by the loss of well control); caused "boils" at 5 locations around the rig.	None	None

BLOWOUTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Eugene Island Block 296 OCS-G 2105 Well No. B-23 Placid	09-09-90 4 d	Blowout, condensate and gas; during a workover operation. After drill stem testing at 10,820 to 10,840 ft, the drill string and test tools	Four or five attempts to install a full opening valve on the tubing were unsuccessful, and the flow	8 bbl condensate	8 injuries; damage \$250,000, large sheen on the water.
had been removed from the hole. After 10 to 15 min, the well started bubbling in the bell nipple. The drill crew began a trip into the hole to recirculate the well. After running one stand of drill collars and one stand of 2 7/8-in tubing, the well started flowing through the tubing.			continued inside the tubing. Attempts to close the BOPs from the remote control station were unsuccessful. The emergency shut down system was activated and the crew abandoned the platform. The well bridged on 09-12-90.		
South Pass Block 60 OCS-G 1608 Platform D Well No. D-10 Arco	10-09-90 1 h	The tubing was being pulled after killing the well with drilling fluid. When flow occurred inside the tubing, a safety valve was stabbed into the tubing string. An explosion and fire (ignition source unknown) followed. B/E/	The tubing safety valve and the BOPs were closed, and the flow was stopped. The fire was extinguished in 1 h by spraying water from 2 work boats.	1/2 bbl oil	8 injuries; damage \$1,000,000.
South Timbalier Block 193 OCS-G 12024 Platform 1 Forest Oil Corp.	10-14-90 1 h	The rig took a core sample at 280-ft, and the well came in through the drill pipe. The well flowed water, sand, mud and some gas.	Blew itself out.	None	None

TABLE 2-B
ACCIDENTS ASSOCIATED WITH OIL AND GAS OPERATIONS
ON THE OUTER CONTINENTAL SHELF,
GULF OF MEXICO

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Vermilion Block 26 OCS 029 Well No. A-1 Union	06-08-56 to 11-20-56	Blowout, gas; 11,435 ft, fire. <u>A/E/</u>	Drilled relief well	None	Lost platform, rig, and 2 wells.
Eugene Island Block 175 OCS 0438 Well No. A-6 Sinclair	10-19-57 11 h	Blowout, gas; 11,290 ft, fire. <u>A/</u>	Well bridged	None	Fire damaged derrick (replaced)
South Pass Block 28 OCS 0353 Well No. 25 Shell	06-14-58 2 h	Blowout, gas; 1,869 ft, fire. <u>A/</u>	Well bridged	None	Fire caused minimal damage
West Delta Block 45 OCS 0138 Platform E Conoco	10-15-58 to 11-21-58	Explosion, fire, oil; during com- pletion operations (believed ignited by welding operation). <u>A/E/</u>	Well was killed by last of 3 relief wells	Minimal	7 fatalities, 17 injuries; lost platform.
Grand Isle Block 22 OCS 31 Well No. B-1 Humble	05-19-59	Fire; during the conducting of abandonment opera- tions, a flow of "marsh gas" from 150 ft ignited.	Well flow ceased	None	Damage to work barge
South Timbalier Block 134 OCS 0461 Well No. D-1 Gulf	07-26-59 4 h	Blowout, gas; 4,880 ft, fire. <u>A/E/</u>	Well bridged	None	1 fatality, 7 injuries, rig damaged.

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Eugene Island Block 175 OCS 0438 Platform B Atlantic- Richfield	06-26-60 15 h	Fire, power generator.	Extinguished with fire- fighting equipment from shore	None	Power generators and other equipment damaged
Eugene Island Block 199 OCS 0437 Well No. 2 Placid	07-13-60 to 07-27-60	Ship collided with platform, causing blowout; gas, fire. <u>A/E/</u>	Closed BOPs	None	Platform destroyed, well casing damaged.
Grand Isle Block 26 OCS 0390 Well No. X-7 California Co.	09-22-60	Explosion, in hold of drilling tender. <u>E/</u>	Ceased	None	1 fatality, 8 injuries.
Grand Isle Block 19 OCS 033 Platform C Humble	01-26-61	Fire; while heating frozen gas line.	Extinguished by field personnel	None	Damage to production equipment
Grand Isle Block 9 OCS 035-A Well No. 1-34-B Freeport Sulphur	03-18-62 36 h	Blowout, gas; fire. <u>A/E/</u>	Well flow ceased	None	Lost rig and relay station on platform
Eugene Island Block 129 OCS 0474 ODECO	05-20-62	Fire caused by spark blowing down new line	Extinguished by field personnel	None	1 injury; burned the wooden deck platform.
West Delta Block 117 OCS-G 1101 Well No. A-5 Gulf	01-20-64 to 01-27-64	Blowout, gas and oil; fire. <u>A/D/E/</u>	Well bridged	100 bbl oil	Platform damaged extensively. No recorded environmental damage.

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Eugene Island Block 208 OCS 0576 Platform A Continental	04-08-64 to 04-09-64	Struck by freighter; fire. <u>D/E/</u>	Fire control equipment	2,559 bbl oil	Platform and freighter damaged. No recorded environmental damage.
Eugene Island Block 273 OCS-G 0987 Well No. 4 Pan American	06-30-64 to 07-02-64	Blowout, gas, explosion, and fire; 684 ft. <u>A/E/</u>	Well flow ceased	None	22 fatalities; drilling vessel sank.
South Timbalier Block 054 OCS 019 Platform A Humble	03-26-65 10 min	Explosion, fire in pressure vessel ignited by welding operations. <u>E/</u>	Ceased	None	1 fatality, 3 injuries.
West Cameron Block 180 OCS 0763 Production Platform Tenneco	02-05-66	Fire, caused by welding operations.	Extinguished by <i>Catc</i> pump boat	Minimal	1 injury, minimal damage.
West Cameron Block 201 OCS 0764 Platform F Conoco	02-03-67 1 d	Explosion, fire in fuel tank during welding operation. <u>E/</u>	Ceased	None	6 fatalities, 9 injuries; rig and platform damaged.
Eugene Island Block 120 OCS 050 Central Facilities Mobil	02-03-67	Explosion and fire when 4,500 psi injection gas line ruptured	Extinguished after all wells were shut in	Minimal	Minimal damage. No recorded environmental damage.
Eugene Island Block 176 OCS 0445 Platform A Shell	07-18-67	Explosion and fire; ignited by welding operations. <u>E/</u>	Ceased	Minimal	1 fatality, 6 injuries.

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Grand Isle Block 43 OCS 0175 Platform A CAGC	10-24-67	Explosion; fire in production facilities. Tank ruptured. <u>E/</u>	Ceased	Minimal	Lost platform
South Timbalier Block 151 OCS 0463 Well No. J-15 Gulf	02-21-68 1 h	Blowout, gas, explosion, fire; during a workover operation, a relief valve vented gas in the pump room. <u>A/E</u>	Closed valve	None	Rig destroyed
West Delta Block 23 OCS-G 1331 Gulf	08-21-68	Blowout, gas, ex- plosion, fire; gas leak in wellhead assembly. <u>A/E/</u>	Unknown	Unknown	11 fatalities, 20 injuries.
South Timbalier Block 67 OCS 020 Well No. C-16 Humble	09-28-68 9 h	Blowout, gas; 910 ft, fire. <u>A/E/</u>	Well bridged	None	Platform rig damaged and removed. Platform settled.
Eugene Island Block 259 OCS-G 0985 Platform A Shell	04-?-69	Fire in generator building caused by failure of Bourdon tube	Chemical extinguishers	None	Damage to generator building
South Marsh Island Tiger Shoal Block 217 OCS 310 Platform A Texaco	05-24-69	Fire in vicinity of line heater <u>E/</u>	Wells shut in, fire extin- guished.	None	Heater skid, platform, and piping bridges were severely damaged.
Ship Shoal Block 204 OCS-G 1520 Platform A Placid	07-24-69	Fire; living quarters.	Platform shut in. Extinguished by field personnel.	None	Damage to sleeping quarters

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Vermilion Block 124 OCS 0495 Platform B Continental	08-06-69	Fire in rig pump room, caused by pump clutch.	Extinguished	None	Minimal damage
High Island Block 161 OCS 0744 Platform B Shell	09-24-69	Fire in microwave, supervisory control building, caused by gas leak.	Ceased	None	Damage to control building; \$50,000
High Island Block 24 OCS ? ? ? Storm Drilling Co. <i>Stormdrill III</i> Atlantic Richfield	01-13-70	Fire ignited after degasser ruptured. <u>E/</u>	N/A	None	1 fatality 6 injuries
Main Pass Block 41 OCS 0374 Platform C Chevron	02-10-70 to 03-31-70	Fire of unknown origin in the production area resulted in loss of control of 12 wells, which fed the fire. <u>A/D/E</u>	3 relief wells were drilled. 2 wells were killed by relief wells. 6 wells bridged. 4 wells were killed by well-control.	30,000 bbl oil	Lost platform. Minor amounts of oil on beaches.
Ship Shoal Block 72 OCS 060 Platform B Mobil	03-01-70	Fire in compressor area	Closed valve; portable fire extinguishers.	None	Destroyed gas sales compressor
Eugene Island Block 259 OCS-G 0985 Platform C Shell	05-07-70	Water heater exploded <u>E/</u>	Ceased	None	3 fatalities, 7 injuries; Major damage to quarters.
Galveston Block 189 OCS 092 Platform A Chambers & Kennedy	05-28-70 to 05-29-70	Explosion and fire; caused by welding on a pipeline between two tanks par- tially filled with oil. <u>D/E/</u>	Ceased	100 bbl oil	9 fatalities. 50 bbl oil on Galveston Beach; cleaned up with no lasting environmental damage.

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Timbalier Block 63 OCS 0599 Platform A Chevron	09-10-70	Explosion and fire; cause unknown. <u>E/</u>	Ceased	None	Severe damage to platform and drilling rig; \$400,000
South Timbalier Block 134 OCS 0461 Platform T Gulf	10-07-70	Fire in the sump tank <u>E/</u>	Extinguished by field personnel	None	1 fatality, 2 injuries. Limited damage to equipment.
West Delta Block 73 OCS-G 1083 Platform C Humble	11-13-70	Explosion in glycol reboiler <u>E/</u>	Ceased	None	3 fatalities, 13 injuries.
South Timbalier Block 26 OCS-G 1870 Platform B Well No. B-21 Shell	12-01-70 to 04-17-71	Blowout, gas, explosion, fire; during wireline work on well. <u>A/D/E/</u>	10 relief wells drilled	53,000 bbl oil	4 fatalities, 36 injuries; lost platform and 2 drilling rigs; minor amounts of oil on beaches.
West Delta Block 23 OCS-G 1331 Platform C Exxon	12-13-70	A glycol reboiler exploded. <u>E/</u>	N/A	None	4 fatalities, 10 injuries.
Ship Shoal Block 208 OCS-G 1228 Platform A Pure Transportation Co.	12-26-70 a few min	Pump station erupted in flames	Extinguished by field personnel	None	Damage to pump, control panel, and building.
Ship Shoal Block 241 OCS-G 1026 Platform A Shell	12-31-70	Fire in living quarters	Ceased	None	3 injuries; destroyed living quarters.

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Galveston Block 288 OCS 709 Platform B Shell	01-18-71	Explosion; a flow line ruptured due to pressure buildup when the well was shut in. <u>E/</u>	N/A	None	1 injury
West Cameron Block 165 OCS 0758 Platform No. 1 Tenneco	02-14-71	Fire; in fiber- glass meter house.	Safety system shut in all wells; extinguished with fire control equipment.	None	Controls and plastic safety system damaged
South Marsh Island OCS 786 Derrick Barge No. 2 Gulf	03-30-71	Three men were checking an anchor buoy for leaks using compressed air when the buoy exploded. <u>E/</u>	N/A	None	1 fatality, 2 injuries.
South Pass Block 28 OCS 0694 Well No. 37 Shell	05-05-71	Flash explosion, relief valve vented gas in pump room.	Shut well in	None	6 slightly injured; limited damage to equipment.
West Cameron Block 110 OCS 081 Platform A Mobil	06-29-71 Shut in immedi- ately	Fire; glycol reboiler.	Platform shut in, portable extin- guishers.	None	Slight damage
West Cameron Block 192 OCS 0190 Platform A Continental	07-10-71 2 min	Fire; generator room.	Dry chemical extinguishers	None	Minimal damage
South Pass Block 62 OCS-G 1294 Platform C Shell	07-28-71 3 min	Fire; flare vent fan unit.	Emergency shut- down system and dry chemical	None	Minor damage
East Cameron Block 14 OCS-G 1440 Platform A Mobil	08-12-71	Fire; during maintenance work.	Emergency shut- down system	None	Damaged controls, lines, and gauges.

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Galveston Block 296 OCS 0714 Platform B Shell	08-16-71	Fire; during evacuation for hurricane.	Ceased	None	Destroyed a 2-man living quarter. No damage to production equipment.
South Timbalier Block 151 OCS 0463 Platform J Gulf	08-16-71	Fire in sump tank. Gas as jetting fluid.	Shut down operation	None	2 injuries
Eugene Island Block 120 OCS 050 Platform CF Mobil	08-24-71 5 min	Explosion, fire; gas. Microwave building.	Firewater system. Field was shut in.	None	Microwave building damaged
South Pelto Block 20 OCS 074 Platform OBM ODECO	10-04-71 35 min	Fire; compressor area.	Platform fire- fighting equipment	None	Damage to compressor valves, controllers, and gas meters.
Vermilion Block 215 OCS-G 1140 Platform A Mobil	10-05-71	Fire; near thief hatch on a storage tank.	Automatic shut- down system and dry chemicals	None	Minimal damage
Eugene Island Block 215 OCS 0578 Platform B Amoco	10-07-71 Controlled immedi- ately	Fire; at heater treater.	Platform fire-fighting equipment	None	2 injuries; minor damage.
Eugene Island Block 215 OCS 0578 Platform B Well Nos. B-1 through B-5 Amoco	10-16-71 to 12-10-71	Blowout, explosion, and fire at oil pump. Cause unknown. <u>A/D/E/</u>	Drilled 4 relief wells and shut- in safety valves	450 bbl oil	Lost produc- tion platform and equipment. No recorded environmental damage.

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Pass Block 65 OCS-G 1610 Platform A Shell	11-09-71 a few min	Fire; fuel valve.	Closed valve, used portable fire extin- guisher.	None	Minor damage
East Cameron Block 71 OCS 0163 Platform A Continental	11-12-71 2-1/2 h	Fire; tool pushers' quarters, workover.	All wells shut in, used water hose from boat.	None	Quarters and galley destroyed, generator building damaged.
Grand Isle Block 23 OCS 034 Platform T Humble	02-02-72 Unknown duration	Relief valve opened to jet gas against compressor	Fusible loop burned and shut in platform	None	Moderate damage to building
West Delta Block 29 OCS 0385 Platform E Chevron	03-07-72 10 min	Small fire ignited by welding torch	Hand fire extinguisher	None	None
East Cameron Block 88 OCS-G 0934 Platform A CAGC	03-17-72 10 min	Gas in mud ditch ignited from small electric motor	Put out after flash-fire burned all gas	None	None
Vermilion Block 250 OCS-G 1149 Platform A Tenneco	03-27-72 Unknown duration	Choke eroded in line heater	Fusible material burned, shutting in the platform.	None	Moderate damage
South Timbalier Block 177 OCS-G 1260 Auxiliary Complex Gulf	04-21-72 2 min	Cracked housing on hydraulic motor sprayed oil on engine exhaust	Hand fire extinguisher	None	Minor damage

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
West Delta Block 80 OCS-G 1874 Platform D Signal	05-22-72 15 min	Sump gas entered the electrical control building through an electrical conduit.	Hand fire extinguisher	None	1 minor injury
Vermilion Block 52 OCS-G 1119 No. 1 Auxiliary Platform Gulf	05-24-72 5 min	A gas-operated pump was ignited from an unknown source.	Shut off gas supply to pump	None	1 minor injury
Eugene Island Block 258 OCS-G 1959 Platform B Cities Service	05-31-72 5 min	Heater-treater surge tank ruptured, spraying the heat exchanger medium.	Shut-in system activated, hand fire extinguishers.	None	Moderate damage
Breton Sound Block 55 OCS-G 1372 Platform F Chevron	06-08-72 5 min	Gas leak at compressor cylinder was ignited by spark from hand tools	Hand fire extinguishers	None	Negligible
Eugene Island Block 158 OCS-G 1220 Platform B Shell	06-11-72 5 min	Tube leak in gas turbine exhaust waste-heat recovery unit	Fire contained in unit. Hand fire extinguishers.	None	Minor damage
Main Pass Block 300 OCS-G 1317 Platform B Chevron	06-26-72 10 min	Welding slag fell inside master shut-in panel. Ignited small gas leak.	Hand fire extinguishers	None	None
Grand Isle Block 16 OCS 024 Platform L Humble	07-23-72 30 min	Parted pipe sprayed coolant on hot exhaust manifold	Seawater spray, fire water hoses, and hand fire extinguishers.	None	Minor damage
Main Pass Block 92 OCS-G 1366 Platform A Mobil	08-11-72 5 min	Gas supply line backed-off and ignited	Emergency shut-down, 2 fire extinguishers.	None	None

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 113 OCS 067 Well No. 14 ODECO	08-12-72 15 to 20 min	Gas-lift line parted. Gas caught fire.	Closed gas-lift valve after extinguishing fire	None	None
Ship Shoal Block 169 OCS 0820 Platform A Gulf	08-22-72 30 min	Relief valve relieved. Gas was ignited by glycol reboiler.	Overpressure on system, shut-in platform, shutting off the fuel to the fire.	None	Minor damage
South Pass Block 37 OCS 0697 Platform C Texaco	08-23-72 1 h and 25 min	Fire in the <i>Zapata</i> Rig 14 engine room	Activated emergency shut- down of all wells and closed BOPs on drilling well	Minimal	Damage confined to engine room
Eugene Island Block 259 OCS 0985 Platform B Shell	08-31-72 15 min	Lift gas from a gas-lifted water source ignited	Gas detectors in generator room shut-in platform. 2 portable extinguishers	None	Minor damage
South Timbalier Block 131 OCS 0457 Platform G Gulf	09-07-72 a few min	Fire started by sparks from sledge hammers	Hand fire extinguisher	None	None
Eugene Island Block 338 OCS-G 2118 Platform A Texaco	09-07-72 1 h	Rig generator caught fire	Hand fire extinguishers	None	Rig generator replaced
Main Pass Block 42 OCS 0375 Well No. D-1 Chevron	09-18-72 1/2 min	Leakage around surface safety valve ignited by welding slag	Hand fire extinguishers	None	None
West Cameron Block 165 OCS 0758 Well No. 1 Tenneco	10-01-72 1 h	Gas and condensate leaked from 1-in pipe on glycol contact tower. Reboiler caused ignition.	Men from nearby platform shut in wells	None	None

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 154 OCS 0420 Platform E Gulf	10-06-72 15 min	Gas compressor ignited by hand tools. Flash fire occurred.	Hand fire extinguishers	None	1 minor injury
South Timbalier Block 151 OCS 0463 Gas Compressor Gulf	10-06-72 1/2 min	Compressor leak ignited when engine backfired	Hand fire extinguishers	None	None
Eugene Island Block 158 OCS-G 1220 Platform B Shell	10-23-72 4 min	Welding slag ignited methanol in drum. Drum exploded.	Hand fire extinguishers	None	3 minor injuries
Ship Shoal Block 214 OCS 0828 Platform E Kerr-McGee	11-14-72 1/2 min	Gas in doghouse ignited when a match was lit	Found source of leak and repaired same	None	1 minor injury
Grand Isle Block 40 OCS 0128 Platform B Continental	11-17-72	Gas leaking from a catalytic heater in doghouse was ignited by an unknown source	Hand fire extinguishers	None	2 injuries, second-degree burns on hands and face.
Eugene Island Block 238 OCS-G 0982 Platform A Auxiliary Gulf	12-01-72 5 min	Hydraulic fluid line in compressor building ruptured and blew onto turbine exhaust, igniting same.	Hand fire extinguishers	None	None
South Marsh Island Block 48 OCS 0786 Platform B Auxiliary Gulf	12-18-72	Condensate entered gas fuel line to reboiler fire box and ignited	Hand fire extinguishers	None	None

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Pass Block 62 OCS-G 1294 Platform A Shell	12-29-72	Gas leaking from compressor-starter housing ignited by sparks from the starter when it engaged the flywheel	30-lb fire extinguisher	None	None
South Timbalier Block 151 OCS 0463 Compressor Platform Gulf	01-13-73 2 min	Compressor engine backfired	Hand fire extinguishers	None	2 minor injuries
South Pass Block 65 OCS-G 1610 Platform B Shell	01-16-73 15 min	Glycol reboiler insulation ignited by unknown source	Hand fire extinguishers	None	Minor damage
Grand Isle Block 16 OCS 024 Platform L Exxon	01-27-73	Gas engine powering an oil transfer pump experienced a flashback	Hand fire extinguisher	None	None
West Delta Block 30 OCS 026 Platform G Exxon	01-27-73	Gas leaking from a head gasket on a gas-turbine motor was ignited by a disconnected spark plug lead.	Hand fire extinguishers	None	None
Vermilion Block 67 OCS 026 Platform B Exxon	02-02-73	Sparks from rag used to light the glycol reboiler were blown by wind into the drip pan containing hydrocarbons.	Hand fire extinguishers	None	None
South Pass Block 62 OCS-G 1294 Platform A Shell	02-08-73	Plastic fiber-fan on electric motor ignited by friction heat by a bearing failure	Hand fire extinguisher	None	None

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
West Delta Block 30 OCS 026 Platform E Exxon	02-09-73	Hot spot caused by a bad cylinder ignited fuel gas vapors in the crankcase of a compressor engine	CO ₂ fire protection system	None	None
Galveston Block 288 OCS 0709 Platform A Shell	02-15-73	Wooden vegetable bin ignited by unknown source	Hand fire extinguisher	None	Slight damage to wall of living quarters
Eugene Island Block 275 OCS-G 0988 Platform A Texaco	03-20-73 5 min	Sparks from a short circuit ignited gas escaping from a broken gauge on the LACT unit pump	Light water fire-fighting unit	None	Minor damage
West Delta Block 31 OCS 016 Platform H Exxon	04-04-73	Gas leaking from compressor ignited by cracked exhaust elbow.	CO ₂ fire protection system and 30-lb portable extinguisher.	None	Minor damage to compressor
West Delta Block 29 OCS 0385 Platform F Chevron	04-04-73 10 min	Glycol reboiler insulation ignited by unknown source.	Hand fire extinguisher	None	Minor damage to insulation
South Pass Block 62 OCS-G 1294 Platform B Shell	04-09-73	A mixture of hydrocarbons and glycol spilled from an open surge tank fill connection, splashed on the hot engine exhaust piping flanges, and ignited.	Hand fire extinguisher	None	None
South Pass Block 62 OCS-G 1294 Platform B Shell	04-13-73 15 min	Crude oil was inadvertently spilled on hot generator exhaust piping.	Dry chemical extinguisher	None	None

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Pass Block 60 OCS-G 2137 Platform B Atlantic- Richfield	04-13-73	Gas escaping from jury-rigged wet oil tank was ignited by an air-conditioning unit in the switch gear building.	Hand fire extinguishers	None	Minor damage
Eugene Island Block 330 OCS-G 2115 Platform S Pennzoil	05-08-73	Leaking gas ignited by an arc from the ignition coil in the compressor building.	Hand fire extinguisher	None	None
South Timbalier Block 177 OCS-G 1260 Platform E Gulf	05-08-73	Fire in a metal battery box; source of ignition unknown.	Dry chemical fire extinguisher	None	None
West Delta Block 29 OCS 0385 Platform A Chevron	06-12-73	Flash fire occurred when exhaust gas from a hoist was discharged in an area where welder was working	Hand fire extinguishers	None	None
West Cameron Block 110 OCS 081 Platform A Mobil	06-21-73	Blowdown valve on separator eroded, and gas was ignited by unknown source. <u>E/</u>	Safety system shut-in wells	None	Heavy damage to production area
Vermilion Block 250 OCS-G 1149 Platform B Tenneco	06-25-73	Choke body on flow line cut out at the heat exchanger; escaping gas ignited by unknown source.	Hand fire extinguishers	None	None
Grand Isle Block 16 OCS 024 Platform Y Exxon	07-17-73	A blown engine gas-ket allowed lube oil to leak on hot exhaust manifold of a waterflood pump engine.	Hand fire extinguishers	None	None

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Marsh Island Block 11 OCS-G 1182 Platform A Texaco	08-04-73 bolts were removed and the oil struck the hot surface of the engine exhaust.	Oil sprayed from an inspection plate and was ignited when the	Hand fire extinguishers	None	None
South Pass Block 62 OCS-G 1294 Platform A Shell	09-02-73	Oil carried out emergency vent line of the relief scrubber where it was ignited by an unknown source.	Extinguished with 3,000-lb fire unit and the fire water system.	None	Minor damage to platform equipment
West Cameron Block 543 OCS-G 2010 Platform A Well No. A-4 Kerr-McGee	10-01-73 to 10-02-73	Blowout, gas; explosion and fire; 8,540 ft. <u>A/E/</u>	Well bridged	Minimal	3 minor injuries; all equipment on the platform was destroyed or heavily damaged.
Eugene Island Block 295 OCS-G 2104 Platform A Exxon	11-29-73	Flash fire occurred when heat transfer fluid leaked from a flange	Hand fire extinguishers	None	None
Eugene Island Block 295 OCS-G 2104 Platform A Exxon	11-30-73	Gas leaking from pump gland of hydraulic pump was ignited by welding operations	Hand fire extinguishers	None	1 minor injury
South Timbalier Block 151 OCS 0463 Platform I Gulf	12-04-73 15 min	Vapors from sump ignited by an unknown source	Extinguished fire with 350-lb dry chemical fire extinguisher	None	1 injury; second-degree burns to arms, hands, and face.
South Pass Block 60 OCS-G 2137 Platform A Atlantic-Richfield	12-07-73	Welding was in progress in the area where oil was leaking from a flange on a wet oil line near the scrubber skid <u>E/</u>	Dry chemical unit	None	2 fatalities, 5 injuries.

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Eugene Island Block 275 OCS-G 0988 Platform A Texaco	02-11-74	Oil ignited when it sprayed from a leaking seal on the LACT unit pump onto the motor	Hand fire extinguisher	None	LACT unit destroyed
High Island Block 129 OCS-G 1848 Well No. 2 Sun	02-13-74	Condensate entered the reboiler box where it ignited and flashed back through the flame arrestor	Hand fire extinguisher	None	None
West Delta Block 32 OCS-G 1332 Platform C Shell	04-04-74	During compressor repair operations, gas escaped into the atmosphere and was sucked back into the compressor inlet air filter where it ignited.	Dry chemical unit and hand fire extinguishers	Minor	Minor damage
Eugene Island Block 206 OCS 0806 Platform A Texaco	04-30-74	When the relief valve on the steam generator relieved, the effluent, apparently containing some hydrocarbons, was ignited by an unknown source.	Hand fire extinguishers	None	Minor damage to generator.
Ship Shoal Block 114 OCS 0064 Platform B ODECO	05-02-74	Gas leaking from the exhaust line of the compressor engine starter ignited by an unknown source when the starter was engaged.	Hand fire extinguishers	None	1 minor injury
Main Pass Block 299 OCS-G 1316 Platform D Chevron	06-14-74 3 min	Gas from the sump pile vent was ignited by welding arc	30-lb dry chemical extinguishers	None	1 minor injury

EXPLOSIONS AND FIRES

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Ship Shoal Block 168 OCS-G 0819 Platform A Tenneco	06-21-74	Gas exhaust piped from the skimmer pump to the water leg of the skimmer and some spilled diesel fuel was ignited by a welder's torch.	Hand fire extinguishers	10 gal diesel fuel	Burned plastic safety system lines
Main Pass Block 92 OCS-G 1366 Platform A Mobil	06-28-74	Backup glycol circulating pump broke down while No. 1 pump was being repaired. The automation system switched back to the dismantled No. 1 pump. The escaping gas ignited near the generator house.	Extinguished fire with 1,000-lb fire-hose unit and several 150-lb dry chemical units	None	Damage to automation system
West Delta Block 74 OCS-G 1084 Platform B Exxon	07-01-74 1 h	Hydrocarbons from a relief line were ignited by an unknown source; 2 wells, whose safety controls had been bypassed, fed the fire.	Wells manually shut in; platform fire water system.	1 bbl oil	6 minor injuries; extensive damage to production equipment and piping.
Eugene Island Block 257 OCS-G 2103 Platform D Cities Service	07-04-74	Gas from a small leak in supply gas tubing was ignited by a welder and caused an explosion inside a safety panel case	No fire	None	Damage to panel case
Grand Isle Block 23 OCS 034 Platform T Exxon	07-06-74	Welding slag ignited vapors of a surfactant through open vent of chemical drum causing an explosion.	No fire	None	None
Main Pass Block 305 OCS-G 1676 Platform A Marathon	07-07-74	Compressor starter vent gas ignited by hot exhaust manifold of engine, causing a flash fire.	Hand fire extinguishers	None	3 minor injuries

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Grand Isle Block 22 OCS 031 Platform P Exxon	07-07-74 45 min	Boom from derrick barge collapsed onto well manifold causing a fire.	Platform fire- water system and numerous hand extinguishers	None	Platform production equipment badly damaged
Eugene Island Block 260 OCS-G 1891 Platform B Texaco	07-11-74	Sparks from generator exhaust ignited ropes holding a life raft in position.	Hand fire extinguisher	None	Damage to life raft
Ship Shoal Block 208 OCS-G 1228 Platform H Union	07-11-74 1-1/2 h	During workover operations, gas from a broken high- pressure hose was ignited by an unknown source.	Water and chemical extinguishers	None	Extensive damage to snubbing unit and 7 wellheads
Eugene Island Block 175 OCS 0438 Platform C Atlantic- Richfield	08-20-74	Relief valve on chem-electric treater relieved, spraying fluid that apparently contained some oil onto the turbine exhaust.	Dry chemical fire extinguishers	None	Minor damage
West Delta Block 73 OCS-G 1083 Platform C Exxon	08-22-74	Pyrex bowl on the prelube pump motor lubricator ruptured, releasing gas which was ignited by a timing light.	Shut off prelube pump	None	None
South Pelto Block 20 OCS 073 Platform 21 ODECO	09-14-74	Explosion resulted when welding arc was struck near the gas vent of a tank.	No fire	None	1 arm and back injury; and 1 minor burn injury.
Eugene Island Block 331 OCS-G 2116 Platform A Shell	09-28-74	Line between the low- and high- pressure system had been blocked closed. Escaping gas was ignited by a welder.	Hand fire extinguishers	None	2 minor injuries

EXPLOSIONS AND FIRES

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West Cameron Block 48 OCS-G 1351 Platform A Chevron	10-04-74 2 h	An 18-in gas pipe- line was ruptured by a capsized wireline lift boat. Escaping gas was ignited.	Pipeline shut in; platform fire water system and numerous hand extinguishers.	None	None
Ship Shoal Block 274 OCS-G 1039 Platform A Shell	11-27-74 3 min	Oil spilled from gun barrel was ignited by welding slag.	Dry chemical fire extinguishers	None	None
Galveston Block 288 OCS 0709 Platform B Shell	12-09-74	Glycol from an old unused line leaked onto a generator exhaust where it ignited.	Dry chemical fire extinguishers	None	None
South Pass Block 65 OCS-G 1610 Platform B Shell	01-17-75	Grease ignited by heat generated from a bearing failure in an electric motor.	Dry chemical fire extinguishers and water	None	None
Main Pass Block 290 OCS-G 1667 Platform B Shell	01-20-75 4 min	Lube oil from rup- tured mud pump line sprayed onto a hot exhaust manifold.	Dry chemical and hand fire extinguishers	None	None
Vermilion Block 71 OCS 0248 Platform A Superior	01-29-75	Condensate from a ruptured 1-in sales line ignited by an unknown source. 16-in pipeline fed the fire.	Shut in 16-in line and activa- ted platform fire-fighting system	None	Minor damage
South Pass Block 62 OCS-G 1294 Platform A Shell	02-23-75	Back pressure valve failure allowed condensate to dis- charge from the vent stack onto hot engine exhaust piping.	Hand fire extinguishers	None	None

EXPLOSIONS AND FIRES

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Eugene Island Block 259 OCS-G 0985 Platform A Shell	03-17-75	While platform was being brought on production, choke cap blew off of a well. Escaping gas was ignited by unknown source.	Platform fire-fighting system	2 bbl	1 injury, first- and second-degree burns; minor damage to generator wiring.
South Timbalier Block 135 OCS 0462 Platform J Gulf	04-19-75	Wireline helper was bleeding header and flow line into the sump when hydrocarbon ignited from an unknown source.	Hand fire extinguishers	None	1 minor injury, minor burns on hands and face
West Cameron Block 101 OCS 0246 Platform C Superior	05-18-75	Sparks from diesel engine ignited platform decking near generator and crane.	Hand fire extinguishers	None	None
Eugene Island Block 259 OCS-G 0985 Platform C Shell	05-27-75 5 min	Gas escaping from large leak in turbine generator was ignited by an unknown source.	Platform fire-fighting system	None	None
South Timbalier Block 135 OCS 0462 Platform M Gulf	06-01-75	While a well was being reverse circulated, accumulated gas in the motor room was ignited by an unknown source.	Dry chemical fire extinguisher	None	None
South Pass Block 65 OCS-G 1610 Platform A Shell	06-09-75	During the unloading of lift gas through an overboard line, the gas was ignited by welding slag or sparks.	Hand fire extinguisher	None	None
South Marsh Island Block 50 OCS 0788 Well No. B-5 Amoco	06-11-75 42 d	Blowout, gas, fire; during completion operations. A/E/	Installed well-control head manifold	Unknown amount of condensate	Platform drilling deck and equipment damaged

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Pass Block 62 OCS-G 1294 Platform C Shell	06-19-75	Vapors from a partially filled mixing tank were ignited by hot exhaust gas from a diesel engine.	Hand fire extinguishers	None	None
Vermilion Block 372 OCS-G 2576 Well No. 2 Exxon	07-05-75	An employee was releasing the locking dogs on the diverter when the inner sleeve ruptured. <u>E/</u>	None, pressure was released instantaneously.	None	1 fatality
East Cameron Block 14 OCS-G 1864 Well No. 1 Mobil	07-30-75	A coil in a line heater ruptured, causing the heater to be moved off its skid.	None, pressure was released instantaneously.	None	1 injury
Ship Shoal Block 224 OCS-G 1023 Platform PP ODECO	08-10-75 5 h	Oil mist from a leaking gasket on an oil transfer pump was ignited by the pump engine exhaust.	Dry chemical fire extinguishers	20 bbl oil	1 injury, smoke and dry chemical inhalation; significant damage to platform equipment.
West Cameron Block 534 OCS-G 2226 Platform A Chevron	08-15-75	The tanker, <i>Globtik Sun</i> , collided with the platform. Oil from the tanker ignited and the tanker caught fire. <u>E/</u>	Extensive fire-fighting operation	None from platform	6 fatalities on tanker; platform damaged.
Grand Isle Block 42 OCS 0131 Platform F Continental	08-24-75	A fire occurred in the air intake chamber of the turbine generator when the fuel gas valve was opened to supply gas to the generator.	Hand fire extinguishers	None	None

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
West Cameron Block 194 OCS 0193 Platform F Continental	08-31-75	A small fire of unknown origin was discovered in the compressor	Dry chemical fire extinguisher	None	None
West Delta Block 73 OCS-G 1083 A-D Complex Exxon	09-05-75 5 min	Lightning struck the flare stacks on the interconnected platforms causing 2 small fires	Hand fire extinguishers	None	None
West Delta Block 44 OCS 0137 Platform D Continental	09-10-75	During welding operations, a piece of hot slag burned a hole into a safety system line causing a flash fire.	Fire extinguished itself	None	1 minor burn injury
Eugene Island Block 296 OCS-G 2105 Platform B Placid	09-12-75	Crew was repairing a ball valve on a pipeline when the valve suddenly ruptured. There was no fire. E/	None, pressure was released instantaneously.	None	3 fatalities
Ship Shoal Block 208 OCS-G 1228 Platform H Union	09-24-75	A small accumulation of distillate in gas scrubber pan was ignited by welding slag.	Dry chemical fire extinguishers	None	Minimal damage
East Cameron Block 335 OCS-G 2439 Platform A Pennzoil	09-28-75	Fuel from an overflowed diesel day tank was ignited when it spilled onto a hot engine exhaust.	Hand fire extinguishers	None	1 severe burn injury
South Marsh Island Block 49 OCS 0787 Platform A Union	10-08-75	Gas from a blown thief hatch on a storage tank was ignited by welders.	Hand fire extinguishers	None	2 minor burn injuries

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Grand Isle Block 22 OCS 032 Platform L Exxon	11-13-75	Hydrocarbons leaking from a rubber gasket on the sight gauge glass of the glycol boiler were ignited by the heat of the reboiler.	Dry chemical fire extinguisher	None	None
Ship Shoal Block 149 OCS 0434 Platform A Burmah Oil and Gas Co.	11-16-75	The starter of a transfer pump generator ignited gas that had accumulated as a result of an improper exhaust.	Dry chemical fire extinguishers	None	2 minor burn injuries
West Delta Block 42 OCS-G 1995 Platform Y Exxon	11-18-75	Gas leaking from a union on the starter inlet of an oil transfer pump caused a flash fire.	Dry chemical fire extinguisher	None	Minor damage
Vermilion Block 321 OCS-G 2088 Platform A Shell	11-23-75	Fire occurred when a rod in a generator was thrown through the engine. Fire reignited when diesel fuel began leaking onto the hot engine.	Dry chemical fire extinguishers	None	1 injury, first- and second-degree burns.
Ship Shoal Block 28 OCS 0346 Platform C Kerr-McGee	12-01-75 15 min	Escaping gas from a blown choke cap on a high-pressure manifold was ignited by an unknown source.	Dry chemical fire extinguishers	None	Minor damage
Eugene Island Block 338 OCS-G 2118 Platform A Texaco	12-24-75 30 min	A spray of oil was ignited by a hot pump engine exhaust when a needle valve on the oil pump discharge line failed.	Hand chemical fire extinguishers	None	None

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Marsh Island Block 9 OCS-G 1180 Well Guard 5 Chevron	12-30-75	Gas was being re- leased from a pipe line when it was ignited by sand friction or static electricity.	Gas shut off	None	None
Grand Isle Block 23 OCS 034 Platform J Exxon	01-12-76	Escaping fluid from a ruptured hydrau- lic hose to an oil radiator was ignited by the hot turbine exhaust.	Hand fire extinguishers	None	None
Ship Shoal Block 108 OCS 0814 Platform S94 Chevron	01-21-76	Collected conden- sate and vapors in the reboiler insu- lation were ignited by the hot reboiler shell.	Hand fire extinguishers	None	None
Ship Shoal Block 269 OCS-G 1036 Platform A Union Oil of California	02-05-76	Fire; it was surmised that exhaust gas from the pump starter was taken into the air compressor suction at the right mixture with air to cause ignition under compression.	N/A	None	2 injuries
West Delta Block 70 OCS 0182 Platform H Continental	02-28-76	An explosion oc- curred when slag ig- nited vapors inside the drum on which a welder was standing. There was no fire.	No fire	None	1 injury, welder suffered broken bones in his foot.
Grand Isle Block 43 OCS 0175 Platform AA Continental	03-02-76	Escaping safety system gas from a melted fusible plug was ignited by the hot gear box of a solar turbine.	Hand fire extinguishers	None	None

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
West Delta Block 74 OCS-G 1084 Platform B Exxon	03-21-76	Escaping gas from a blown gasket on the suction valve cap of a compressor was ignited by the compressor engine electrical system.	Automatic fire-fighting system	None	None
South Timbalier Block 24 OCS 0387 Platform U Chevron	04-09-76	A small grease fire occurred in the galley when a deep fryer was left unattended on the stove.	Hand fire extinguishers	None	None
Ship Shoal Block 214 OCS 0828 Platform F Kerr-McGee	04-09-76	Escaping gas from an undetected leak in the rear of the shut-down panel was ignited by slag from a welder's cutting torch.	Hand fire extinguishers	None	Minimal damage
East Cameron Block 286 OCS-G 2051 Platform A Mobil	04-15-76	High pressure gas from a union at the point of entry to the glycol reboiler was ignited by the fire of the reboiler.	Gas shut off	None	None
West Delta Block 99 OCS-G 1096 Platform A Exxon	04-22-76	Gas from a leaking relief valve was ignited at the flare line by a spark from welding operations.	Gas shut off	None	None
West Delta Block 30 OCS 026 Platform G Exxon	04-28-76	Gas from a leak in the piping connections to the compressor starter was ignited by a spark from the starter drive.	Hand fire extinguishers	None	1 injury, first- and second-degree burns.

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
West Delta Block 31 OCS 016 Platform E Exxon	05-15-76	Lube oil from a leak in the draw-works chain guard dripped onto the hot exhaust manifold, was vaporized, picked up by the turbocharger air intake, and ignited.	Hand dry chemical fire extinguishers	None	Minimal damage
South Timbalier Block 54 OCS 019 Platform A Exxon	06-14-76	A gas buildup in a compressor crank-case resulted in an internal explosion. There was no fire.	No fire	None	Damage to compressor only
Vermilion Block 320 OCS-G 2087 Platform A Sun	06-16-76	A generator short-circuited and caught fire.	Hand fire extinguishers	None	Damage to generator only
Grand Isle Block 37 OCS 0392 Platform R Chevron	06-17-76	Glycol from a fire tube in the glycol regenerator entered the compressor exhaust stacks where it was ignited.	Hand fire extinguishers	None	Damage to compressor only
Eugene Island Block 82 OCS-G 2897 Rig <i>St. Louis</i> Quintana	06-21-76	An apparent electrical short caused a fire in the AC switchboard.	Portable extinguishers and fire-fighting equipment from the <i>MV Gallant Tide</i> .	None	Damage to switchboard, engine room insulation, and living quarters.
Ship Shoal Block 229 OCS 0830 Platform A Kerr-McGee	06-28-76	Gas from a stock tank vent line was ignited by a spark from a welder's electrode.	Hand fire extinguisher	None	2 injuries, welder and helper suffered third-degree burns.
West Delta Block 30 OCS 026 Platform P Exxon	06-30-76	Gas from the compressor rod packing gland vent line was ignited by lightning.	350-lb dry powder fire extinguishing unit.	None	None

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
West Delta Block 117 OCS-G 1101 Diamond M 92 Drilling Rig Gulf	07-01-76 1 min	The AC panel on the rig caught fire when lightning struck the derrick.	Hand fire extinguishers	None	None
Ship Shoal Block 269 OCS-G 1036 Platform A Union	07-05-76	Exhaust gas was ignited by the compressor starter causing a flash fire.	Hand fire extinguishers	None	2 injuries, burns on the face and arms.
Main Pass Block 41 OCS 0374 Platform A Marathon	07-21-76	Gas leaking from a water pump packing gland was ignited by a cigarette.	Hand fire extinguishers	None	1 minor injury, minor burns on hand.
Ship Shoal Block 266 OCS-G 1034 Platform B Chevron	07-26-76	Exhaust from a triplex pump engine ignited vapors escaping from the top of a 55-gallon drum.	Hand fire extinguishers	None	None
Grand Isle Block 40 OCS 0128 Platform F Continental	08-01-76	Lightning ignited gas at the vent of a compressor cooling fan.	Hand fire extinguishers	None	None
Grand Isle Block 41 OCS 0129 Platform D Continental	08-08-76	Condensate in a dump line was ignited by welding operations.	Hand fire extinguishers	None	1 injury, burns on chest and stomach.
Grand Isle Block 48 OCS 0134 Platform E Continental	08-12-76	Gas leaking from the engine starter valve of a crane was ignited by an exhaust backfire.	Hand fire extinguishers	None	None

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
West Cameron Block 172 OCS-G 1998 Platform CB Chevron	08-24-76	Gas leaking from the vent line on the sump was ignited by lightning.	Dry chemical fire extinguisher	None	None
West Delta Block 45 OCS 138 Platform G Conoco	09-25-76	The burst plate on the compressor suction scrubber ruptured, but the compressor did not shut down, resulting in a gas explosion without fire.	N/A	None	Damage \$50,000
Grand Isle Block 37 OCS 0392 Platform B Chevron	10-08-76	Glycol from a leaking flange on the glycol reboiler was ignited by compressor exhaust.	Hand fire extinguishers	None	None
Ship Shoal Block 274 OCS-G 1039 Platform A Shell	10-11-76	When the panel shut down, button was pushed to shut in the generator, the switchgear arced upon its manual shutdown and the generator building exploded into flames.	Automatic fire-fighting system.	None	1 injury, burns on hands and face.
Ship Shoal Block 224 OCS-G 1023 Platform A ODECO	10-13-76 15 min	During snubbing operations, dry gas that had flowed into the circulating pit through an adjustable choke was ignited while the crew attempted to close the choke.	Shut off source of the gas.	None	3 burn injuries.
Main Pass Block 289 OCS-G 1666 Platform B Shell	11-08-76	Oil leaking through a small hole in a storage tank was ignited when it was blown by high winds onto a compressor exhaust.	Hand fire extinguishers	None	None
South Pass Block 62 OCS-G 1294 Platform A Shell	11-10-76	Gas leaking from screw holes on a compressor was ignited by a spark from the starter bendix.	Hand fire extinguishers	None	1 injury, burns to face, arms, and hands.

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
West Delta Block 70 OCS 0182 Platform N Continental	11-13-76	The platform crane caught fire when a gas leak was apparently ignited by the starter bendix.	Used dry chemical fire extinguishers and water pumped from a boat.	None	None
West Delta Block 41 OCS-G 1073 QRTS Platform Gulf	12-08-76	Exhaust from a natural gas pump was ignited in the instrument repair building by a space heater.	Hand fire extinguishers	None	1 injury, burns on face and hands; damage to building.
West Delta Block 103 OCS 0840 Platform A Shell	01-17-77	Leaking piston rings on a gas compressor allowed gas to accumulate in the engine crank case where it was ignited by an overheated bearing on the water pump drive shaft.	Fire was extinguished	None	Minor damage to the compressor building.
East Cameron Block 64 OCS 089 Well No. 10 Mobil	01-20-77	Explosion and fire occurred in the main hull of the rig.	N/A	None	3 burn injuries, 1 undetermined injury.
East Cameron Block 48 OCS 0768 Platform I Conoco	01-31-77	Gas seeping from a conduit was ignited by an unknown source.	N/A	None	2 injuries, second degree burns; minor damage to the RTU building.
Grand Isle Block 22 OCS 031 Platform L Exxon	02-07-77	An employee was attempting to start a gas sales compressor when it backfired. Gas from a leaking union in the starter exhaust piping was ignited by either the engine backfire or a spark from an ignition lead.	Dry chemical extinguisher	None	2 minor injuries
West Delta Block 73 OCS-G 1083 Platform A Exxon	02-07-77	Oil spilling from a valve was ignited by the exhaust stack of the compressor.	N/A	1 bbl oil	None

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Grand Isle Block 22 OCS 031 Platform L Exxon	02-11-77	Gas leaking from compressor ignited by friction sparks from the engine flywheel.	N/A	None	None
South Pass Block 65 OCS-G 1610 Platform A Shell	02-21-77	Burning fuel was drawn into the air intake duct of a turbine where it ignited the air intake filters.	N/A	None	Minor damage to turbine.
Vermilion Block 320 OCS-G 2087 Well No. A-1-2 Platform A Sun Exp. & Prod.	03-10-77	After jetting workover fluid out of the hole with natural gas from 1700', the flowing tubing pressure reached 200 psi and the jetting action was ceased.	Two men who were stationed at the master valve in the well bay shut the well in immediately and an ESD switch was concurrently activated to shut in the platform. The fire water system pumps were started immediately and that activated the wellbay sprinkler system, although the fire had already self-extinguished.	None	4 injuries; minor hydraulic workover damage.
The 1" workover tubing was being pulled out of the hole under pressure while the well was allowed to flow to clean up. The hydraulic slip mechanism malfunctioned on the last of seven joints of 1" tubing, and they subsequently blew out of the hole. An unknown spark ignited the gassy well stream and a flash fire engulfed the workover structure. A/					
West Cameron Block 616 OCS-G 2558 Platform A Exxon	03-27-77	A short in one of the generators caused it to catch fire.	N/A	None	Minor damage to the generator
Main Pass Block 306 OCS-G 1677 Platform E Marathon	04-02-77	Welder's electrode burned a hole in a hydraulic line and ignited the fluid.	N/A	None	1 injury, second- and third-degree burns.
South Timbalier Block 131 OCS 457 Platform G Gulf	04-11-77	Two men were injured while attempting to start an engine by using gas well pressure in lieu of an air compressor. They connected a volume chamber to a 1,750 psi gas well. When the well pressure was opened to the volume chamber to start the engine, it split scattering metal.	N/A	None	2 injuries

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Viosca Knoll Block 900 OCS-G 2445 Platform A Gulf	04-26-77	Natural gas being flared under water was ignited by falling slag from welding operations.	Shut down the production deck	None	None
Grand Isle Block 22 OCS 0031 Platform L Exxon	04-29-77	Gas escaped from a compressor and was ignited by friction sparks from the engine flywheel.	Disengaged the starter	None	None
Eugene Island Block 330 OCS-G 2115 Platform B Pennzoil	05-02-77	Sparks from a cutting torch ignited oil in the mud pits.	N/A	None	Minor property damage
Ship Shoal Block 114 OCS 0064 Platform H ODECO	05-04-77	Exhaust from a gas-operated pump was ignited by a welder.	N/A	None	1 injury, burns on both arms.
South Timbalier Block 22 OCS 0165 Platform B Tenneco	06-11-77	Fire occurred due to gas escaping past worn piston rings in the compressor.	N/A	None	None
Grand Isle Block 37 OCS 0392 Platform R Chevron	06-13-77	Gas escaping from the sump vent was ignited by a welder.	N/A	None	1 injury, burns to arms and face.
South Timbalier Block 151 OCS 0463 Well AUX-1 Gulf	07-03-77	Gas escaping from the saltwater storage tank vent was ignited by a welder.	Dry chemical extinguisher	None	4 injuries

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
West Delta Block 117 OCS-G 1101 Platform C Gulf	07-15-77	An accumulation of gas from a gas powered starter on a engine ignited after the diesel engine failed to start and the starter backfired.	N/A	None	1 injury, burns on face, neck, and arms.
Galveston Block 255 OCS-G 1778 Platform A Coastal States	07-17-77	An accumulation of gas exploded while the line heater was being lit.	N/A	None	None
Grand Isle Block 22 OCS 031 Platform P Exxon	08-09-77	While a faulty gas starter was being replaced, the engine backfired and caused a flash fire.	Dry chemical extinguisher	None	2 injuries
West Cameron Block 20 OCS 0680 Platform 6 Gulf	08-15-77	An explosion occurred during an attempt to flow a gas lift well into a holding tank. The source of ignition was believed to be the stove in the galley. E/	N/A	None	2 fatalities, 2 injuries, and extensive damage to a motor vessel.
West Delta Block 73 OCS-G 1038 Platform D Exxon	08-23-77	The starter clutch filter pot blew out on a waterflood injection unit and escaping gas ignited.	Dry chemical extinguisher and light-water system	None	None
East Cameron Block 281 OCS-G 2050 Platform B Tenneco	08-25-77	Fire started in a leaking heat exchanger fire tube and spread over glycol reboiler.	Fireboss extinguishers	None	Considerable damage to glycol unit
South Timbalier Block 86 OCS 0605 Platform A ODECO	08-29-77	Wooden deck was damaged due to a smoldering fire.	Several dry chemical extinguishers and fire-water system	None	Wooden deck was damaged

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
East Cameron Block 82 OCS 0406 Platform C Shell	09-12-77	Pieces from a disintegrated, over-heated muffler fell onto the wooden floor and ignited.	N/A	None	None
South Marsh Island Block 218 OCS 0310 Platform A Texaco	09-14-77	Flames were coming from the burst heads of the skimmer and test separator.	Hand fire-fighting extinguishers	None	Minor damage
Eugene Island Block 313 OCS-G 2608 Platform A Texaco	09-14-77	A break in a relief valve sensing line on a crude oil ship-ping pump caused oil to spray in the vicinity of the pump. Ignition apparently resulted from the engine exhaust system.	Platform fire-fighting equip-ment.	None	None
Vermilion Block 25 OCS-G 3390 Well No. 2 Transco	09-19-77 at least 6 d	Blowout, gas, fire; while drilling at 15,000 ft. Well kicked. A/	Closed BOPs. Attempted to circulate gas out. BOP leaked at 9,200 psi. Gas ignited 10-01-77. Well bridged.	None	Destroyed derrick, drawworks, and other equipment.
Grand Isle Block 22 OCS 031 Platform P Exxon	09-29-77	Gas escaping from a leaking final stage compression cylinder rod on an injection compressor was ignited by the hot engine exhaust.	CO ₂ system and dry chemical extinguisher	None	2 minor injuries, minor burns to hands and face.
West Delta Block 45 OCS 0138 Platform A Conoco	10-03-77	Fuel from a leaking supply line for a pipeline diesel engine was ignited by the hot engine exhaust manifold.	N/A	None	None
Grand Isle Block 22 OCS 031 Platform L Exxon	10-23-77	Accumulated gas near a compressor was ignited by sparks from the gas powered starter engaging the engine flywheel.	1 CO ₂ extinguisher	None	None

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 207 OCS-G 1523 Platform A Placid	10-31-77	An internal explosion occurred in a sales compressor discharge and blowdown line.	N/A	None	Damage to the 2-in block valve
Eugene Island Block 63 OCS 0425 Platform A Hunt Oil Co.	12-11-77 66 h	At about 4 am, a barge was towed into the platform by a tug, causing minor damage. Work to repair the platform had already begun when it was struck the following night by a work boat. The riser on a 12-in gas sales line was broken about 10 ft above the water line and the gas ignited. The gas from the pipeline burned out of control until 8 pm, 12/14/77. E/	Eliminated fuel for fire by closing valve	None	Extensive damage to platform
Ship Shoal Block 108 OCS 0814 Platform S-94 Chevron	12-23-77	Gas escaping from the packing gland on a compressor was not detected. Also a power cylinder was not firing. A mechanic pulled a coil wire to check for ignition and a spark ignited the gas, causing a flash fire.	Dry chemical extinguisher	None	1 injury, received employee burns on both legs
Grand Isle Block 42 OCS 0131 Platform F Conoco	01-12-78	A fire occurred involving burning gear oil	Dry chemical extinguisher	None between the generator and turbine engine, the power distribution panel, and the control panel.	Severely damaged the gear box
Ship Shoal Block 269 OCS-G 1036 Platform A-AUX Union	01-13-78	Fire was caused by crude oil being sprayed onto an operating shipping pump through a 1/8-in open fitting after a 1/4-in valve vibrated loose from a testing sub on a 1-in relief valve.	2 dry chemical extinguishers	None	Total loss of 2 shipping pumps, extensive building damage, and minor damage to 2 gas compressors.
Main Pass Block 290 OCS-G 1666 Platform B Shell	02-01-78 4 min	Leaking oil from tank ignited on compressor exhaust.	Dry chemical extinguisher	None	None

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Pass Block 28 OCS 0353 Platform SAT. Shell	02-02-78	While bleeding down the casings, the casing gas ignited and caused a fire on a standby boat. Several people went into the water. Two men drowned. <u>E/</u>	Manually turned gas valve off	None	2 fatalities; major damage to the boat.
South Pass Block 60 OCS-G 2137 Platform B ARCO	02-15-78 3 min	Gas fumes apparently accumulated through the vacuum breaker located in the bathroom walls and entered the water closet when the commode was flushed by another person. The employee lit a cigarette and an explosion and fire occurred.	Dry chemical extinguisher	None	1 injury
West Delta Block 94 OCS 0839 Platform G Continental	03-05-78 30 min	Tarpaulin blew onto uninsulated exhaust of an LP pump, ignited, and the heat melted the teflon seats of the high pressure bleeder valves causing leaks which ignited.	Fire extin- guished	None	Estimated damage, \$20,000.
South Marsh Island Block 128 OCS-G 2587 Platform B Pennzoil	03-10-78 26 h	A welder was cutting a hole in the top deck and ignited a drum of M.E.K. (paint solvent) on the production deck. The drum exploded and caused a fire.	The fire was extinguished.	None	Minor damage.
Eugene Island Block 330 OCS-G 2115 Platform B Pennzoil	03-11-78	3/8-in stainless steel tubing supplying pressure from a pipeline pump discharge to a pressure safety valve parted due to vibration and sprayed oil on the engine exhaust manifold, causing ignition. One employee received a cut on his leg while reporting to the fire.	The fusible loop and/or fire detector shut the platform in and the fire was fought with dry chemical and light water. The platform was subsequently abandoned. The standby boat sprayed water and the fire diminished. The platform was reboarded and the small fires were extinguished with hand units.	None	1 injury; \$125,000 fire damage.
South Marsh Island Block 23 OCS 778 MODU MR SI Gulf	03-14-78 10 min	An explosion occurred while bleeding pressure off the tubing after a well test when a metal plate dropped on the trough inside the shale shaker. One employee suffered first degree burns.	Extinguished with four 30 lb dry chemical units.	None	1 injury; electrical system damage.

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
West Cameron Block 194 OCS 193 Platform F Conoco	05-03-78	An employee suffered first and second degree burns on his hands, arms and face when the vent gas from the gas powered crane he was operating ignited. <u>E/</u>	N/A	None	1 injury
Eugene Island Block 333 OCS-G 2317 Platform B Mobil	05-20-78 6 min	Insulation from a water maker boiler fell and diverted the flame from the fire tube and ignited building walls.	Dry chemical extinguisher	None	Minor damage to building and enclosed equipment
Grand Isle Block 43 OCS 0175 Platform AA Continental	06-07-78	Defect in compressor weld	Fire promptly put out using dry chemicals	None	Damage limited to compressor unit
South Timbalier Block 52 OCS-G 1241 Platform A Chevron	06-12-78 30 min	Gas from PSV ignited by engine.	Fire water system	None	Minor damage
Ship Shoal Block 207 OCS-G 1523 Platform A Placid	06-12-78	Rod packing leak on compressor cylinder ignited by loose spark plug wire.	Dry chemical extinguisher	None	Minor engine damage
Main Pass Block 293 OCS-G 1670 Platform A Sun	06-13-78	Engine oil leaked through a blown cylinder and was ignited by the exhaust system.	Dry chemical	None	No significant damage
West Cameron Block 181 OCS-G 1971 Platform A Chevron	06-14-78	Fire possibly caused by compressor vent above a boat. <u>E/</u>	Fire water system	None	1 fatality, 2 injuries; minor platform damage, major vessel damage.

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Timbalier Block 23 OCS 0386 Platform S Chevron	06-28-78	Fire on helicopter deck	Fire water system	None	Damage to 4- x 8-ft area of wooden deck
Ship Shoal Block 208 OCS-G 1228 Platform F Union	07-11-78	Fire in generator building resulted from oil and gas backup from drain line.	Extinguished with CO ₂ and dry chemical extinguishers.	None	Minor damage.
West Delta Block 132 OCS-G 1105 Platform B Shell	07-20-78	Explosion; welding started a fire, which traveled through piping to a gas flotation water treatment unit. Explosion blew off hatch covers.	Fire self- extinguished	None	1 minor injury, minor burns; structural damage to the unit.
West Delta Block 73 OCS-G 1083 Platform A Exxon	08-07-78	Fire occurred during replacement of a 2-in pipe nipple on a glycol reboiler.	Fire self- extinguished	None	2 injuries, burns on hands, face, and neck.
South Pass Block 60 OCS-G 1608 Platform A Atlantic Richfield	08-08-78	Sparks from a cut- ting torch ignited a bucket of solvent. The foreman was burned by splashed liquid while putting out the fire.	N/A	None	1 burn injury
Ship Shoal Block 154 OCS 0420 Platform I Gulf	08-24-78	Gas escaping from a flange gasket was ignited by compressor engine or exhaust system.	350-lb portable wheel unit with dry chemical	None	Fire damaged wiring harness of the com- pressor
Ship Shoal Block 72 OCS 060(A) Drilling rig Mobil	08-27-78	Fire caused by lube oil leak from generator engine. E/	Rig evacuated	None	Lost motor room, quarters, and recreational area.
Eugene Island Block 349 OCS-G 2322 Platform A Marathon	09-01-78 6 h	Fire erupted in the vicinity of the LACT unit and bulk gas separator. E/	MV fire pump and platform equipment	None	Major damage to production facilities and living quarters.

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 207 OCS-G 1523 Platform A Placid	09-02-78	Gas from the compressor starter was ignited by a welder near the starter vent.	30-lb dry chemical hand-held extinguisher	None	1 minor injury, minor burns to right hand and forearm.
West Cameron Block 48 OCS-G 1351 Platform A Chevron	09-08-78	Fire caused by short circuit in the wiring of the kitchen stove.	Extinguished immediately.	None	Minor damage.
West Cameron Block 180 OCS 0763 Platform G Well No. G-11 Tenneco	09-09-78 to 09-11-78	Blowout, gas, fire; while coming out of the hole from a total depth of 4,198 ft. <u>A/E/</u>	BOPs failed. Platform abandoned. Well bridged.	None	Platform and rig destroyed
East Cameron Block 263 OCS-G 3299 Platform A Well A-11 Transco	09-20-78 30 min	While reversing CaCl_2 water with a surge packer in the hole, the well came in through the tubing and broke the circulating line at the mud pits. The line apparently broke a light fixture above the mud tanks and ignited hydrocarbons in the tank. <u>E/</u>	The well was shut in and the fire was under control about 30 min later.	None	Extensive damage to drilling rig
South Timbalier Block 151 OCS 0463 Platform Prod-1 Gulf	09-26-78	Mechanic removed gauge and valve also came loose. Oil sprayed onto engine exhaust and ignited.	Unknown	None	Minor damage
Ship Shoal Block 219 OCS 0829 Platform A-AUX Amoco	10-02-78	Explosion, fire; during an attempt to bleed oil and gas from the LACT unit deaerator into a bucket; caused by static electricity.	Portable hand extinguishers.	None	\$5,000 damage
Ship Shoal Block 253 OCS-G 1031 Platform A-AUX Union	10-06-78	Fire caused by spilled crude oil in pump building. <u>E/</u>	Fire pumps on MV	None	Extensive damage to platform and equipment

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 28 OCS 0346 Platform C Kerr-McGee	10-22-78	Fire; welder was cutting a retaining bolt on the steam generator with an oxygen/acetylene torch. The fire was caused by accumulated natural gas in the pressure vessel.	Self-extinguished	None	2 injuries; minor damage to steam generator.
Ship Shoal Block 207 OCS-G 1523 Platform A Placid	10-24-78	Fire, caused by a packing leak on the #2 cylinder.	Gas turned off	None	Some damage to compressor
Eugene Island Block 349 OCS-G 2322 Platform A Marathon	10-24-78	Fire, quarters building.	Platform equipment, chemical and water	None	Destroyed temporary quarters building
Ship Shoal Block 72 OCS 060 Platform A Mobil	10-30-78	Gun barrel tank overflowed. Ignited by compressor exhaust.	30-lb chemical unit	None	Damage to compressor
Ship Shoal Block 248 OCS-G 1030 Platform D CNG	11-01-78	Drum of paint thinner exploded and spread fire.	Rig equipment and MV fire pump	None	1 injury, minor platform damage.
Eugene Island Block 343 OCS-G 2320 Platform B Texaco	11-01-78	Broken diesel fuel line	Portable dry chemical units	None	Damage to generator and generator room
Vermilion Block 182 OCS-G 2074 Platform A Superior	11-19-78	Fire in engine room of drilling tender	Platform and MV equipment	None	Extensive damage in engine room

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Pelto Block 19 OCS 073 Platform OBM ODECO	11-30-78	Fire in glycol dehydrator	Platform equipment	None	Minor damage
Eugene Island Block 53 OCS 0479 Drilling rig Pennzoil	12-16-78	A fire was caused by an electrical short circuit.	Rig equipment	None	Moderate damage in air compressor room
West Cameron Block 198 OCS-G 3265 Platform A Gulf	12-16-78	Flash fire caused by welding	Fire watch	None	Minor damage
Eugene Island Block 105 OCS 797 Platform F Superior	01-02-79	The vent for the gas buster became partially plugged, forcing a gas slug through the fluid outlet. The ignition source was not determined.	N/A	Unknown	2 injuries
South Timbalier Block 165 OCS-G 1251 Platform A Exxon	01-03-79	Lightning ignited gas venting from a glycol reconcen- trator.	30-lb chemical unit	None	Minor damage
Ship Shoal Block 266 OCS-G 1034 Platform B Chevron	01-03-79 7 min	Explosion, fire; gas leak from No. 2 compressor ignited when No. 1 compres- sor was started.	Two 30-lb chemical units	None	2 injuries; \$8,000 damage.
Ship Shoal Block 198 OCS 0593 Platform D Tenneco	01-13-79	Fire, unmanned platform, well shut in.	Platform water system	None	Damage to production equipment
Eugene Island Block 313 OCS-G 2608 Platform B Texaco	01-17-79	Fire on glycol reboiler unit, platform shut in by ESD.	Fire water system and light water unit	None	No major damage

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Eugene Island Block 188 OCS 0443 Platform A Shell	01-22-79 3-1/2 h	Fire; crude oil leak in connecting swedge for pump.	Platform water system and 4 dry chemical units	10 bbl oil	1 injury, attempting to shut down oil pipeline pump; severe damage to equipment and building.
West Delta Block 30 OCS 026 Platform J Exxon	01-26-79	Small fire; welder ignited gas leak in instrument supply line.	Posted fire watch	None	No damage reported
Ship Shoal Block 168 OCS 0819 Platform B Tenneco	01-28-79 3 min	Fire; diesel trapped in hose spilled on exhaust.	Three 30-lb chemical units	None	Engine damaged
Ship Shoal Block 266 OCS-G 1034 Platform A Chevron	01-29-79	Explosion; chemical cutter was being dis- assembled when acid and catalyst mixed. <u>E/</u>	N/A	None	1 fatality, 1 injury.
South Marsh Island Block 69 OCS-G 1201 Platform B Exxon	02-04-79 7 h	Fire started when a gas-locked oil pump was bled, and a pipe nipple broke.	3 boats and platform fire system were used to fight the fire.	None	Major damage to second deck
Mississippi Canyon Block 150 OCS-G 2642 Platform A Shell	02-10-79 5 min	Paint thinner accumulated in plugged drain line ignited by welding slag.	Rig salt and light water systems	None	Minor damage
South Pass Block 94 OCS-G 1620 Platform A Exxon	02-24-79 4 min	Vibration wore a hole in a fuel in- jection line on a diesel engine.	Rig 30-lb CO ₂ unit	None	Minor damage

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Eugene Island Block 260 OCS-G 1891 Platform B Texaco	02-26-79	Small fire in vicinity of vent for glycol reboiler.	Platform fire system	None	Minor damage
South Marsh Island Block 281 OCS-G 2600 Platform C Well No. C-17 Placid	03-05-79 to 04-17-79	Blowout, gas, explosion, fire; 14,615 ft. Well kicked during circulation of gas bubble after backing off from stuck drill pipe. Relief valve on mud pump released gas which ignited. <u>A/E/</u>	Closed BOPs, could not close drill stem safety valve or stand pipe valve. Relief valve on mud pump opened, and released gas which ignited. Killed well with mud.	Oily sheen in vicinity of the rig	8 fatalities; damage to drilling rig and subsidiary equipment estimated at \$2.5 million.
Eugene Island Block 313 OCS-G 2608 Platform A Texaco	03-06-79	Escaping oil mist from a vapor recovery compressor ignited by exhaust stack.	Fire water and hand units	None	Minor damage
West Cameron Block 255 OCS-G 3271 Vicksburg Jack-up Exxon	03-09-79	Regulator on oxygen bottle shattered, causing a flash fire.	Unknown	None	2 injuries, minor damage.
East Cameron Block 263 OCS-G 3299 Platform A Transco	03-10-79 2-1/2 h	Short circuit in electrical wiring	Fire pump started, but power failed. Platform evacuated and reboarded after fire diminished.	None	Fire destroyed 4 quarters buildings and electrical generation equipment
Grand Isle Block 22 OCS 031 Platform B Exxon	03-21-79	Fire; attempting to start compressor.	Dry chemical extinguisher	None	Minor damage

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Eugene Island Block 275 OCS 0988 Platform A Texaco	03-28-79	Drum fell, severed acetylene hose and then struck a welder.	Fire extinguished by closing acetylene valve.	None	1 injury, minor damage.
Ship Shoal Block 204 OCS-G 1520 Platform A Placid	04-12-79	Small fire caused by gas leak from engine cylinder.	Unknown	None	Minor damage
Vermilion Block 25 OCS-G 3390 Platform Rig, <i>Salenergy No. 11</i> Well No. 6 McMoran	04-21-79 18 h circulate a kick out through the choke with the annular and top pipe rams closed, mud and gas started coming through the rotary. Closed the bottom pipe rams, and the BOP failed below the 4 1/2" pipe rams. <u>A/E/</u>	Blowout, gas, fire; 13,785 ft. While attempting to	Abandoned the rig. The well ignited and the rig capsized. Well bridged.	Trace	The rig was completely destroyed.
High Island Block A-330 OCS-G 2421 Platform A Aminoil	04-22-79	Leak in glycol regenerator caused a fire. Safety system shut down fuel supply.	20-lb chemical unit	None	Minor damage
Eugene Island Block 175 OCS 0438 Platform C ARCO	04-24-79	Explosion, fire; as compressor was being started.	Platform fire system	None	Damage to compressor building
South Timbalier Block 26 OCS-G 1361 Platform A Shell	04-25-79	The butterfly valve on the glycol reboiler malfunctioned causing the temp. to rise to more than 500 degrees. Hydrocarbons leaking from a small hole on top of the reboiler ignited when contacting the hot metal surface.	Portable dry chemical extinguisher	None	None reported

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Grand Isle Block 40 OCS 0128 Platform G Conoco	04-26-79	Small fire in drain pan was caused by welding.	Portable dry chemical extinguishers and standby boat equipped with a fire water system.	None	None reported
South Pass Block 94 OCS-G 1620 Platform A Exxon	04-27-79 1 min	Gas leak between casing, ignited by arc from steel tool.	Fire watch with 30-lb unit	None	None reported
West Delta Block 30 OCS 026 Exxon	04-27-79	Small fire ignited by slag from a cutting torch.	Extinguished by fire watch	None	None reported
Eugene Island Block 259 OCS-G 0985 Platform C Shell	05-04-79	Fire; short in electrical wiring in junction box due to exposure to hot turbine exhaust.	30-lb chemical unit	None	Minor damage
Ship Shoal Block 28 OCS 346 Platform D Kerr-McGee	05-09-79	Explosion; the back pressure valve on the heater-treater malfunctioned, causing overpressure on the vessel. The excess pressure burst the rupture disc.	N/A	None	None reported.
West Delta Block 73 OCS-G 1083 Platform A Exxon	05-24-79	Fire; oil was drained from a compressor while the engine was still hot. It hit the engine and ignited.	CO ₂ system automatically extinguished fire	None	1 injury, burns on arm of mechanic.
Grand Isle Block 43 OCS 0175 Platform AA Conoco	05-30-79	Oil leak on the air compressor engine ignited by exhaust system.	Quickly put out using two 30-lb chemical units	None	Minor damage
Ship Shoal Block 266 OCS-G 1034 Platform A Chevron	06-03-79	Gas explosion in a tube-type heat exchanger when the operator attempted to fire the unit.	None	None	1 injury

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Main Pass Block 41 OCS 0374 Platform O Chevron	06-10-79 a few min	A gas leak from a pump was ignited by a match.	30-lb CO ₂ extinguisher	None	1 injury, burned arm.
West Delta Block 89 OCS-G 1088 Platform C Amoco	06-22-79	Small fire on rig when saltwater dripped on an elec- trical connector.	30-lb dry chemical unit	None	Minor damage
West Delta Block 73 OCS-G 1083 Platform A Exxon	06-29-79	Gas leaking from a loose fuel con- nection for pump ignited by exhaust manifold.	Dry chemical unit	None	Minor damage
High Island Block A-447 OCS-G 2360 Platform A McMoran	07-04-79 30 min	MV was offloading diesel and the storage tank over- flowed onto the production deck. The fuel was ignited by a welding operation.	Platform fire system	None	Minor damage in pipe rack area
West Delta Block 32 OCS 0367 Platform A Shell	07-04-79	Burning gas caused the insulation on the exhaust duct of a turbine gener- ator to smolder.	Welding slag in body of the fuel gas valve kept the valve from closing.	None	Minor damage
Ship Shoal Block 209 OCS 0827 Platform A Union	07-05-79 25 min	Explosion and fire in the compressor building; broken pipe nipple in high-pressure line.	Fire water system and dry chemical units	None	Minor damage to 2 compres- sors, major damage to building.
South Timbalier Block 27 OCS-G 1442 Platform D Tenneco	07-06-79	During an attempt to start a genera- tor, it backfired, igniting the starter exhaust gas.	One 2,500-lb fire boss and two 30-lb portable extinguishers	None	1 injury, third-degree burns, torn ligaments, and damaged cartilage in knee.

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 214 OCS 0828 Platform G Kerr-McGee	07-20-79	Fire inside fire tubes of a glycol reboiler.	One 150-lb dry chemical unit	None	Minor damage
Eugene Island Block 292 OCS-G 0994 Platform B Forest	07-20-79 90 min	Bleeding down a 16-in pipeline when the gas ignited right after break- ing a navigation light fixture. <u>E/</u>	Check valve closed; 3 boats and platform equipment were used to fight the fire.	None	Living quar- ters and 1 helicopter destroyed, second heli- copter sever- ely damaged.
South Pass Block 60 OCS-G 1608 Platform D ARCO	07-25-79 10 min	Spilled oil and gas ignited by junction box.	Fire water system	3 bbl oil	Minor damage
West Delta Block 73 OCS-G 1083 Platform A Exxon	08-08-79	Gas venting from compressor gas- powered prelube pump was ignited by lightning.	Shut down com- pressor gas- powered pump to stop gas flow to vent.	None	Minor damage
South Pass Block 60 OCS-G 1608 Platform A ARCO	08-08-79	Cutting torch ignited bucket of diesel and solvent.	30-lb dry chemical unit	None	1 injury, burned by splashing liquid.
Grand Isle Block 22 OCS 031 Platform L Exxon	08-10-79 a few min	Gas leaked into crankcase of com- pressor through broken piston rings and caused explo- sion and fire.	Fixed CO ₂ system inside building	None	Minor damage
West Delta Block 70 OCS 0182 Platform L Conoco	08-11-79	Lightning ignited venting gas, which leaked through oil seal of compressor in 2 separate instances.	30-lb chemical unit	None	Minor damage

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
East Cameron Block 272 OCS-G 2047 Platform E Tenneco	08-12-79	Gas vapors from tank ignited by a compressor located above the tank.	Safety system shut platform in	None	Minor damage
Grand Isle Block 22 OCS 031 Platform L Exxon	08-16-79	Lube oil hose ruptured, sprayed oil on the gas sales compressor.	Automatic CO ₂ system	None	Minor damage
Ship Shoal Block 216 OCS-G 1524 Platform C Placid	09-13-79	Gas leaking from hose ignited by loose spark plug wire.	30-lb chemical unit,	None	Minor damage
South Pass Block 60 OCS-G 1608 Platform C ARCO	09-23-79	Small fire from overheated bearing on turbine-driven generator.	Portable CO ₂ unit.	None	Minor damage
South Timbalier Block 23 OCS 0386 Platform EE Chevron	10-28-79	Escaping gas from air starter valve ignited.	Chemical hand extinguishers.	None	Minor damage
Ship Shoal Block 208 OCS-G 1228 Platform E Union	11-06-79	Employee draining vessel into drip pan when pan ignited by welding slag.	Water from field boat.	None	1 Minor injury
Grand Isle Block 22 OCS 031 Platform L Exxon	11-06-79	Sparks from cutting torch ignited air conditioner filters.	Dry chemical extinguishers and fire water system	None	Minor damage to electrician's store-room.
Mississippi Canyon Block 311 OCS-G 2968 Platform A Shell	11-14-79 3 min	Gas discharged by "gas buster" ignited by faulty electrical connection on shaker screen motor.	Fire hose	None	Minor damage in shale shaker area

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
West Delta Block 74 OCS-G 1084 Platform F Exxon	11-26-79	Welder refueled welding machine without turning it off.	Portable equipment	None	Minor injury
Eugene Island Block 330 OCS-G 2115 Platform B Pennzoil	11-27-79 5 min	Oil in skimmer tank ignited by spark from cutting operations.	Portable equipment	None	Minor damage
West Delta Block 73 OCS-G 1083 Platform A Exxon	11-30-79	Small fire inside turbine exhaust collector of com- pressor due to failure of oil pump.	Dry chemical and detergent wash system	None	Minor damage
Ship Shoal Block 229 OCS 0830 Platform A Kerr-McGee	11-30-79	Spark plug wire ignited starter gas for compressor.	Dry chemical	None	1 injury
West Cameron Block 587 OCS-G 2021 Platform A Pennzoil	12-01-79 15 min	Packing blew out on power end of compressor.	Dry chemical	None	Compressor and panel damaged
Eugene Island Block 238 OCS-G 0982 Rig <i>Gulftide</i> Gulf	12-12-79 5 min	Fire in roof of quarters building ignited by welding.	Portable fire extinguishers	None	Minor damage
Eugene Island Block 275 OCS-G 0988 Platform A Texaco	12-17-79	Sensing line for pump broke, oil was ignited by the engine.	Dry chemical units	None	Minor damage
East Cameron Block 47 OCS 0767 Platform D Conoco	12-18-79	Bleeding gas from pig trap ignited by static electri- city.	Turned gas off	None	Damage to north end of cellar deck.

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 274 OCS-G 1039 Platform B Shell	12-18-79	Needle valve on well cutout.	Dry chemical	None	Severe damage to generator building
Ship Shoal Block 207 OCS-G 1523 Platform B-AUX Placid	12-27-79	Leak on fuel header. Ignition source may have been the exhaust system or a loose spark plug wire.	None. Fire went out.	None	Minor damage
Eugene Island Block 258 OCS-G 1959 Platform A Cities Service	01-01-80	Fire; oil pushed out bottom of sump by gas pressure from compressor suction scrubber.	Extinguished	5 bbl oil	None
Eugene Island Block 105 OCS 0797 Platform F Superior	01-02-80	Fire; gas discharge from shale shaker ignited by unknown source.	Extinguished	None	2 injuries
Ship Shoal Block 94 OCS-G 1983 Platform A Conoco	01-02-80	Explosion; occurred in discharge piping of natural gas compressor.	Unknown	None	Damage to discharge piping
Ship Shoal Block 209 OCS 0827 Platform A Union	01-06-80	Fire; fusible plug in engine oil system blew out, spraying oil on the compres- sor exhaust system.	Dry chemical extinguishers	None	Damage to compressor and roof of compressor building
East Cameron Block 245 OCS-G 0970 Platform A Chevron	02-20-80	Fire; engine for generator belched oil, causing over- heated engine to ignite the oil.	Extinguished	None	Unknown
South Timbalier Block 171 OCS-G 1255 Platform D Exxon	02-21-80	A helicopter hit the platform and crashed into a boat causing a fire on the boat. E/	Platform's fire system	None	6 fatalities, 1 injury.

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Main Pass Block 306 OCS-G 1677 Platform E Marathon	02-28-80	Fire; fan belt broke, wedged between engine and belt sheave.	Extinguished	None	Unknown
Ship Shoal Block 207 OCS-G 1523 Platform B Placid	03-19-80	Fire; leaking gas from valve cap ignited by exhaust system.	Extinguished	None	Minor damage to compressor
Ship Shoal Block 207 OCS-G 1523 Platform B Placid	03-21-80	Fire; gas escaping from packing gland ignited by exhaust system.	Extinguished	None	Minor damage to compressor
High Island Block A-368 OCS-G 2433 Platform A Well No. A-3 Pennzoil	03-24-80 16 h	Blowout, gas, explosion, fire; caused by shallow gas. The rig was drilling at a depth of 2,505 ft when a decision was made to pull the drill pipe inside of the conductor casing and repair the mud pumps. After five stands of pipe were pulled, the well started flowing mud through the annulus. <u>A/E/</u>	One stand of pipe was returned to the hole and the kelly was installed. Closed the annular preventer. Activated the diverter system, which did not open because locking bars were installed. Gas was suddenly released during an attempt to unlock the diverter valve. The diverter hose ruptured and the gas ignited with explosive force. Firefighting boats were used.	None	6 fatalities, 29 injuries; the well and platform were lost.
South Timbalier Block 164 OCS-G 1250 Platform C Exxon	03-30-80	Fire; gas used as input for an air impact wrench was ignited by sparks from a portable grinder.	Dry chemical extinguisher	None	1 injury
South Timbalier Block 177 OCS-G 1260 Platform E Gulf	03-30-80	Fire; surface safety control panel ignited.	Extinguished	None	2 injuries
Vermilion Block 76 OCS 0249 Superior	04-16-80	Fire; ether flashed while starting a gas generator.	Extinguished	None	5 injuries

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Grand Isle Block 23 OCS 0034 Platform T Exxon	04-17-80	Fire; driller ignited gas and oil in mud tank with hammer.	Dry chemical extinguishers	None	1 injury
Vermilion Block 102 OCS-G 3393 Platform B ODECO	04-30-80	Fire; occurred in production- handling area of platform	Extinguished	None	Unknown
Ship Shoal Block 72 OCS 0060 Platform A Mobil	05-02-80 30 min	Fire; source of fire was fuel-gas for the engine driv- ing the compressor; cause was unknown.	Dry chemical extinguishers	None	Engine and external accessories destroyed
South Marsh Island Block 130 OCS-G 2280 Platform A Shell	05-02-80	Explosion, fire; lubricating oil in gear box of turbine generator ignited.	Extinguished by halon system	None	Unknown
West Delta Block 31 OCS 0016 Platform N Exxon	05-08-80	Fire; gas leaking from rod-packing vent line ignited by exhaust manifold.	Safety system shut in compres- sor and platform, extinguishing fire	None	Minor damage
West Delta Block 103 OCS 0840 Platform A Shell	05-18-80	Fire; caused by multimeter which short-circuited and exploded.	Extinguished	None	1 injury
West Delta Block 99 OCS-G 1096 Platform A Exxon	05-18-80	Fire; gas vapors from an open line ignited by welder	Extinguished	None	1 injury
Ship Shoal Block 224 OCS-G 1023 Platform A ODECO	05-29-80 2 min	Fire; lube oil fitting for com- pressor broke, spraying oil on exhaust.	Dry chemical extinguishers	None	Minor damage

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
West Delta Block 58 OCS 0146 Platform A Conoco	06-04-80	Fire; ether used to start a diesel engine for crane ignited.	Extinguished	None	1 injury
East Cameron Block 321 OCS-G 2061 Platform A Marathon	06-08-80 6 h	Fire; work boat struck and ruptured a gas line. E/	Fire boats	None	3 injuries, extensive damage to rig, heliport, quarters, and production equipment.
Mississippi Canyon Block 194 OCS-G 2638 Platform A Shell	06-11-80	Fire; a tubing connector for a diesel fuel line vibrated loose and sprayed diesel fuel on hot exhaust.	Extinguished	None	Unknown
Eugene Island Block 313 OCS-G 2608 Platform B Texaco	06-13-80 5 min	Explosion, fire; gas vapors from oil surge tank ignited by welding.	Dry chemical extinguishers	None	2 injuries, minor damage
Ship Shoal Block 207 OCS-G 1523 Platform A Placid	06-13-80	Fire, under floor of generator room, caused by welding.	Dry chemical extinguishers	None	Minor damage
Grand Isle Block 21 OCS-G 1445 Platform W Exxon	06-23-80	Fire; gas from starter of transfer pump ignited when engine backfired.	Dry chemical extinguishers	None	1 injury
Mississippi Canyon Block 311 OCS-G 2968 Platform A Shell	06-28-80	Fire; engine-oil- sensing line vibra- ted loose and sprayed oil on hot turbocharger.	Extinguished	None	Unknown

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 266 OCS-G 1034 Platform A Chevron	07-11-80	Fire; welder cut a 2-in glycol return line with a torch, igniting the glycol.	Dry chemical extinguisher	None	1 injury
Ship Shoal Block 182 OCS-G 1019 Platform C Tenneco	07-14-80	Fire; oil from broken sight glass sprayed on exhaust of a pipeline pump.	Dry chemical extinguisher and fire water system	None	Minor damage
Ship Shoal Block 114 OCS 0064 Platform SOB ODECO	07-15-80	Fire; a vacuum relief valve for a storage tank hung open. Spark from a frayed wire for an explosion proof switch ignited venting gas.	Dry chemical extinguisher	None	None
Sabine Pass Block 9 OCS-G 4146 Superior	07-19-80 3 h	Fire; liquid from radiator hose sprayed on generator panel.	Dry chemical extinguishers	None	1 injury
Ship Shoal Block 169 OCS 0820 Platform A Gulf	07-20-80	Fire; burning glycol from a hole in reboiler ignited wooden deck.	Dry chemical extinguisher and seawater	None	Minor damage
South Pass Block 60 OCS-G 1608 Platform B ARCO	07-25-80	Fire; compressor gas leak ignited by spark from electrical wiring.	Extinguished	None	None
Eugene Island Block 251 OCS-G 3331 Platform A Exxon	07-31-80	Fire; welder ignited mud lubricant that was leaking from a drum.	Fire watch with portable unit	None	1 injury
Ship Shoal Block 269 OCS-G 1036 Platform A Union	08-12-80 15 min	Fire; oil leaked on an electrical switch for the LACT unit.	Dry chemical extinguishers	None	Minor damage to the LACT building

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Eugene Island Block 361 OCS-G 2324 Platform A Chevron	08-21-80 1 d	Fire, collision; tanker collided with platform. Bow section burst into flames. <u>E/</u>	6 fireboats	Light sheen	1 injury, extensive damage to the hull of the ship and plat- form jacket.
Vermilion Block 348 OCS-G 2271 Platform A Well No. A-1 Mesa	08-24-80 30 d	Blowout, gas, fire; well blew out dur- ing completion op- erations. About 12 h later, the gas ignited. <u>A/E/</u>	Well was killed with seawater pumped through a relief well	None	4 minor injuries major platform and rig damage
West Delta Block 73 OCS-G 1083 Platform C Exxon	08-25-80	Fire; welding slag fell on top of sump tank.	Fire watch	None	Unknown
Matagorda Island Block 669 OCS-G 4065 Well No. 1 Cities Service	08-30-80 fire 1 d, blowout 2 d	Blowout, gas, 13,794 ft; explo- sion, fire. Well was swabbed while tripping out of hole. Well control lost while circula- ting gas bubble to surface, 9-5/8-in casing ruptured below BOP stack. <u>A/E/</u>	Returned drill pipe to bottom. Circulation con- tinued. Closed annular preventer. Circulated through choke manifold. Annular preventer failed. Closed pipe rams. Casing pressure increased until the 9 5/8-in casing failed at 7,200 psi. Eventually, the 13 3/8-, 20-, and 30-in casings ruptured below the BOP. Escaping gas ignited and exploded. Well bridged.	None	5 fatalities, 6 injuries; damage to jackup rig \$30 million.
Ship Shoal Block 272 OCS-G 2921 Platform A Marathon	09-02-80	Fire; oil from broken line sprayed on turbine generator exhaust.	Platform equipment	None	Unknown
Main Pass Block 293 OCS-G 1670 Platform A Sun	09-17-80 65 min	Fire in quarters building caused by electrical system.	Platform water and dry chemical extinguishers	None	Damage to quarters building

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Timbalier Block 26 OCS-G 1870 Platform C Shell	09-26-80	Fire; starter gas ignited by loose spark plug wire.	Dry chemical extinguisher	None	Minor damage
West Delta Block 73 OCS-G 1083 Platform C Exxon	10-01-80	Fire; rig quarters ignited by welding.	Dry chemical extinguishers and water	None	Minor damage to quarters
Mississippi Canyon Block 148 OCS-G 2640 Platform A ARCO	10-03-80	Fire; tarpaulin ignited by welding. The tarpaulin was not fire resistant.	Extinguished. Non-fire re- sistant tar- paulins were removed from structure.	None	None
West Delta Block 71 OCS 0838 Platform E Conoco	10-25-80 10 min	Fire; holding tank ignited by welding.	Dry chemical extinguishers and water	None	Minor damage
West Delta Block 73 OCS-G 1083 Platform A Exxon	10-26-80	Fire; packing overheated on a pump.	Dry chemical extinguisher	None	None
Ship Shoal Block 207 OCS-G 1523 Platform A Placid	11-04-80	Fire; plastic tubing ignited by welding.	Extinguished	None	None
West Delta Block 73 OCS-G 1083 Platform A Exxon	11-06-80	Fire; cleaning solvent ignited by compressor exhaust system.	CO ₂ system	None	None
West Delta Block 74 OCS-G 1084 Platform F Exxon	11-06-80	Fire; ignited when generator started.	Extinguished	None	1 injury

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Eugene Island Block 189 OCS 0423 Platform B Shell	11-06-80 5 h	Explosion, fire, in vicinity of mud tanks. E/	All available equipment and 3 work boats	None	4 injuries; major damage to snubbing unit and upper deck, 7 build- ings destroyed.
South Marsh Island Block 10 OCS-G 1181 Platform A Shell	11-28-80	Explosion, fire; occurred while starting generator engine with gas starter.	Portable equipment	None	3 injuries, minor equip- ment damage.
Main Pass Block 306 OCS-G 1677 Platform D Marathon	12-09-80 10 min	Fire; welding ignited gas escaping from sump.	Extinguished	None	Unknown
West Delta Block 73 OCS-G 1083 Platform C Exxon	01-02-81	Fire; AC generator board caught fire when a circuit breaker failed to trip out during a short.	Dry chemical extinguishers	None	Unknown
High Island Block A-536 OCS-G 2697 Platform C Amoco	01-10-81	Fire; gas leaking from flange on water polisher was ignited by welding.	Fire watch	None	Minor damage to water polisher
Grand Isle Block 23 OCS-G 3958 Platform T Exxon	01-10-81	Fire; hot welding slag fell onto tarpaulin, which was covering sump tank. Welders retired for the evening; tarpaulin caught fire; fire was fueled by sump pump supply gas; personnel extinguished the fire the following morning.	Extinguisher	None	Minor damage to tarpaulin
South Pass Block 93 OCS-G 1619 Platform A Exxon	01-12-81	Fire; occurred in electrical cable tray on pipe rack during a short.	Dry chemical extinguisher	None	None

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 229 OCS 0830 Platform A Kerr-McGee	01-12-81	Fire; leak in supply gas line in doghouse ignited by cigarette lighter.	Dry chemical extinguisher	None	2 injuries
High Island Block 38 OCS-G 4077 Well No. 1 Placid	01-12-81 1 d	Blowout, 11,259 ft; fire occurred while drilling. Fill-up line valve was left open. <u>A/E/</u>	Closed annular preventer. Opened fill-up line to release trapped gas. Closed pipe rams. Could not close fill-up line. Abandoned rig. Well blew out through the swivel neck. Well bridged.	Light sheen	1 fatality, 2 injuries; major damage to rig and submersible barge.
Grand Isle Block 41 OCS 0129 Platform B Conoco	01-14-81	Fire; gas from control boxes on fuel scrubber was ignited by spark from catalytic heater.	Dry chemical extinguisher	None	None
Eugene Island Block 77 OCS 0466 Structure 5 Hunt	01-19-81 30 min	Fire; faulty wiring caused fire in electrical supply room.	Extinguished	None	Water damage to storage area from melted seawater PVC pipe
West Delta Block 73 OCS-G 1083 Platform A Exxon	01-26-81	Fire; short in compressor control wires that had been cut and left unprotected.	Dry chemical extinguisher	None	None
South Marsh Island Block 268 OCS-G 2310 Platform A Placid	02-08-81	Explosion; gas-fired heater exploded when employee attempted to light.	Unknown	None	1 injury, heater destroyed
Ship Shoal Block 182 OCS-G 1019 Platform C Tenneco	02-08-81	Fire; sight glass for pipeline pump broke, spraying oil on engine exhaust.	Dry chemical extinguishers	1 bbl oil	Minor damage

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 114 OCS 0064 Platform SOB ODECO	02-15-81	Fire, vessel mishap; platform lost bal- last and capsized, causing fire. <u>E/</u>	Fireboats; platform righted on 02-19-81.	10 bbl oil	2 injuries; extensive damage to production package and living quarters.
South Marsh Island Block 268 OCS-G 2310 Platform A Placid	02-17-81	Fire; insulation failure on the main stator winding caused a fire.	Dry chemical extinguishers	None	Damage to generator
South Marsh Island Block 136 OCS-G 2588 Platform B Conoco	02-17-81	Explosion; check valve to well test- ing unit exploded and struck an employee.	Unknown	None	1 injury
Eugene Island Block 367 OCS-G 2618 Platform A Texaco	02-25-81	Fire; oil leak from compressor engine ignited by exhaust system.	Fire loop shut down compressor and fire went out	None	Minor damage to compressor
Eugene Island Block 295 OCS-G 2104 Platform A Exxon	03-05-81	Explosion, fire; compressor rod packing failed; gas ignited by exhaust system.	Automatic activation of CO ₂ system by heat and gas sensors	None	Damage to compressor and compressor building, \$30,000.
Eugene Island Block 57 OCS-G 2601 Platform 2 Marathon	03-12-81	Fire; when grating on top deck was being repaired, welding slag fell and caused ignition of condensate- saturated insulation to the catalytic heater system.	Extinguished	None	Damage to heater

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
West Delta Block 73 OCS-G 1083 Platform A Exxon	04-26-81 and 04-28-81	Fires (2); glycol pipe nipple broke, glycol ignited when it sprayed on solar exhaust stack.	Dry chemical extinguisher and fire hose	None	None
South Pass Block 60 OCS-G 1608 Platform C ARCO	04-26-81	Fire; welding ig- nited gas from drain line for sump.	Dry chemical extinguisher	None	None
Grand Isle Block 43 OCS 0175 Platform Q Conoco	04-27-81	Fire; electrical, welding leads shorted out and burned hole in roof of quarters building, starting fire in attic during off- loading operations.	Dry chemical extinguisher	None	None
Eugene Island Block 338 OCS-G 2118 Platform A Texaco	04-28-81 5 min	Fire; gas leak in compressor control panel ignited by exhaust system.	Dry chemical extinguishers	None	None
Eugene Island Block 257 OCS-G 2103 Platform E CITCO	05-02-81	Explosion; com- pressed air being used to clean a plugged bulk mudline entered a cement tank through a leaky discharge valve and caused an explosion which threw an employee against a pump, fracturing his back, left leg, and ribs. E/	Changed valve	None	1 injury
West Delta Block 31 OCS 0016 Platform H Exxon	05-16-81	Explosion; diver was oxy-arc cut- ting well conduc- tors when explosion of unknown origin occurred. E/	Unknown	None	1 fatality
Grand Isle Block 63 OCS-G 1054 Platform A Conoco	05-20-81	Explosion, fire; welding slag fell in an opening for a stock tank.	Dry chemical extinguishers	None	Unknown

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 221 OCS 0593 Platform 1 Conoco	05-24-81	Fire; a compressor was started and began to hiss. Engine was turned off and flames were noticed near the engine.	Dry chemical extinguishers	None	Damage to compressor engine
West Delta Block 24 OCS-G 1331 Platform 3 Gulf	05-26-81	Fire; hydraulic fluid escaped when a check valve near a fan motor broke. Fluid dripped into the compressor building and ignited.	Dry chemical extinguishers and fireboats	None	Damage to compressor building
West Delta Block 73 OCS-G 1083 Platform A Exxon	07-01-81	Fire; while manually bleeding fluids from scrubber.	Dry chemical extinguisher	None	None
Eugene Island Block 205 OCS 0805 Platform F Texaco	07-04-81	Explosion; used natural gas in an air starter of generator.	Unknown	None	1 injury, minor damage.
South Pass Block 28 OCS 0694 Well Jackets 16 & 22 Shell	07-18-81	Fire; welder inadvertently cut tubing from a gas-lift orifice fitting to a recording meter.	Extinguished	None	1 injury
South Timbalier Block 86 OCS-G 1555 Well No. 3 ODECO	07-20-81 2 h	Fire; engine for mud pump exploded and blew the inspection plate off the crank case along with the oil.	Dry chemical extinguisher and seawater	None	Unknown
South Pass Block 78 OCS-G 2185 Platform A Pennzoil	07-22-81	Fire; leaking glycol from reboiler.	Extinguished, insulation removed, cleaned, and replaced.	None	None

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Main Pass Block 306 OCS-G 1677 Platform D Marathon	07-27-81 25 min	Fire; 11 drums of stored chemicals ignited by chemical reaction.	Extinguished	None	Damage to drums
Ship Shoal Block 239 OCS-G 1025 Platform A Kerr-McGee	08-12-81 30 min	Fire; spilled condensate ignited by welding.	Fire water from 2 boats and dry chemical extin- guishers	Light sheen	Minor damage to standby boat
Main Pass Block 306 OCS-G 1677 Platform D Marathon	08-31-81	Fire, explosion; gas escaping from compressor ignited.	Dry chemical extinguishers and water	None	1 injury
South Timbalier Block 52 OCS-G 1241 Platform CA Chevron	09-05-81 3 min	Fire; emergency relief line exhaust- ed gas over a lift boat; ignited by barbecue pit.	Dry chemical extinguisher	None	1 injury
West Delta Block 31 OCS 0016 Platform N Exxon	09-11-81	Fire; escaping gas from thief hatch ignited by cigarette.	Dry chemical extinguisher	None	1 injury, minor damage
South Marsh Island Block 58 OCS-G 1194 Platform A Shell	09-17-81	Fire; vented liquid hydro- carbons ignited by generator exhaust system.	Dry chemical extinguisher	None	Minor damage
Vermilion Block 250 OCS-G 1149 Platform C Tenneco	10-07-81	Fire; welders cut into a 10-in pipe containing condensate on the catwalk.	Extinguished	None	2 injuries
Vermilion Block 76 OCS 0249 Shell	10-15-81	Fire; welder was cutting inside a ballast tank.	Extinguished	None	1 injury

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Marsh Island Block 116 OCS-G 2095 Platform A Texaco	10-15-81	Fire; welding ignited oil on the deck.	Dry chemical extinguishers	None	Damage to the generator, microwave building, and the compressor control panel.
Bay Marchand Block 3 OCS 0370 Platform KN Chevron	10-16-81 10 min	Fire; occurred when an oil pump engine threw a connecting rod through the crankcase.	Fire water	None	Unknown
West Delta Block 42 OCS-G 1495 Platform Y Exxon	10-20-81 15 min	Fire; hydraulic oil sprayed on the compressor exhaust.	CO ₂ system and extinguishers	None	Minor damage to compressor
West Delta Block 73 OCS-G 1083 Platform A Exxon	10-23-81	Fire; gas leaking by pipeline pump ignited by loose spark plug wire.	Dry chemical extinguisher	None	1 minor injury
West Delta Block 41 OCS-G 1073 Platform A-AUX Gulf	10-31-81	Fire; loose wire ignited gas leaking in pneumatic panel.	Dry chemical extinguishers	None	Damage to compressor panel, \$10,000.
South Timbalier Block 52 OCS-G 1241 Platform A Chevron	11-02-81 5 min	Fire; loose valve on oil pipeline sprayed oil onto pump engine. When engine backfired, a small fire occurred.	Dry chemical extinguishers	None	Unknown
South Timbalier Block 134 OCS 0461 Platform S Gulf	11-05-81 45 min	Fire; air con- ditioner shorted and caught fire.	Fire water from standby boats	None	Burned down bunkhouse and fiberglass water tank

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage Property Environn
West Cameron Block 619 OCS-G 2233 Platform B Marathon	11-10-81	Fire; diesel engine overheated, igniting hydraulic power pack.	Extinguished with water	None	Unknown
Main Pass Block 153 OCS-G 1967 Platform B Shell	11-17-81	Fire; sump pump caught on fire.	Dry chemical extinguisher and water	None	None
Ship Shoal Block 214 OCS 0828 Platform F Kerr-McGee	11-18-81	Fire; fuel gas escaping from compressor intake manifold ignited.	Dry chemical extinguishers and water	None	Minor damage to engine
South Marsh Island Block 23 OCS 0778 Platform D Gulf	11-21-81	Fire; plastic tubing connected to the platform supply gas was being used to blow away spilled dry chemical fire fighting powder when the gas was ignited by an unknown source.	Dry chemical extinguishers	None	2 injuries; minor damage to building.
West Delta Block 74 OCS-G 1084 Platform B Exxon	11-28-81 2 min	Fire; gas vapors from tank vent ignited by welder.	Water and dry chemical extinguisher	None	None
Ship Shoal Block 117 OCS 0065 Well No. 3 ODECO	12-05-81	Fire; gas escaping from well ignited.	Closed annular blowout preventer and pipe rams	None	Minor damage
South Pass Block 60 OCS-G 1608 Platform B ARCO	12-07-81	Fire; lube oil blown on compressor exhaust system.	Replaced oil indicator	None	None
Eugene Island Block 296 OCS-G 2105 Platform B Placid	12-19-81	Fire; oil transfer pump caught fire.	Dry chemical extinguishers	None	Damage to motor and associated wiring

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 117 OCS 0065 Well No. 3 ODECO	12-29-81	Fire; circuit breaker failed to open and caused a fire.	Dry chemical extinguishers	None	Damage was limited to AC control panel
South Pass Block 49 OCS-G 2177 Platform A Gulf	12-31-81 15 s	Fire; gas from hatch of stock tank and from vents of compressor control panel ignited.	Dry chemical extinguisher	None	None
South Marsh Island Block 217 OCS 0310 Platform A Texaco	01-04-82 45 min	Fire; natural gas escaped from drain flange and ignited. E/	Dry chemical extinguishers	None	1 injury, extensive damage.
Eugene Island Block 313 OCS-G 2608 Platform B Texaco	01-07-82	An employee was burned when he was sprayed with diesel fuel as he removed a plug from the top of a diesel storage tank to check the fuel level. Apparently, filling operations by the MV <i>Juanita Patrick</i> 's pumps were not completely shut down before he replaced the tank's vent plug, which caused a pressure buildup in the tank. Ignition was most likely caused the generator engine's exhaust directly overhead. E/	Dry chemical extinguishers and standby boats	None	1 fatality, 3 injuries; minor damage.
West Delta Block 95 OCS-G 1497 Platform S Conoco	01-18-82 10 min	Fire; a ceramic plunger shattered and broke the exhaust insulation, exposing it to oil spray from the pump.	Dry chemical extinguishers	None	Damage to pump engine, tool box, navigation light, and level control doors.
High Island Block A-343 OCS-G 2741 Platform A Exxon	02-02-82	Fire; occurred in electrical junction box.	Disconnected power supply	None	Minor damage

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Eugene Island Block 251 OCS-G 3331 Platform A Exxon	02-10-82	Fire; pipe fitting on the power gas exhaust started leaking condensate on the hot exhaust piping and ignited.	Closed power gas valve and manually released halon	None	None
West Cameron Block 65 OCS-G 2825 Well No. 5 Shell	02-15-82 3 h	Fire; lubrication line came loose, spraying oil on engine exhaust. <u>E/</u>	Dry chemical extinguishers and seawater from standby boats	None	Extensive damage to engine room, other generator units, some structural damage.
Eugene Island Block 349 OCS-G 2322 Platform A Marathon	02-18-82	Fire; contact points caused heating elements in instrument air dryer to energize and overheat; paint on shell of dryer fell into pan, igniting the lube oil.	Dry chemical extinguisher	None	Major damage to instrument air dryer
Ship Shoal Block 219 OCS 0829 Platform A-AUX-2 Amoco	03-07-82 1 h	Fire; flare scrubber carried over and ignited.	Dry chemical extinguishers and seawater from standby boat	Light sheen	Extensive damage to chem-electric treater, damage to heater-treater, glycol reboiler, and flare scrubber.
Eugene Island Block 330 OCS-G 2115 Platform C Pennzoil	03-15-82 5 min	Fire; vapors off skimmer tank were ignited by electrical energy from a motor control box on the tank.	Dry chemical extinguishers	None	Minor damage to skimmer tank and motor control box for skimmer pump
West Delta Block 79 OCS-G 1874 Platform C Marathon	03-18-82	Fire; hot slag from welding ignited vapors inside a sump recovery tank, causing a flash fire.	Extinguished	None	None

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 219 OCS 0829 Platform A Amoco	04-07-82	Fire; a methanol barrel blew up and started a fire when a welder's helper was hooking up a grinder.	Extinguished	None	1 injury
East Cameron Block 47 OCS 0767 Platform D Conoco	04-11-82	Fire; rod packing leaked on compressor.	Extinguished	None	Minor damage to compressor and surrounding area
West Delta Block 32 OCS 0367 Platform S Exxon	04-25-82	Fire; gas bleeding from a low-suction pressure pilot was ignited when an employee tapped the pilot with a wrench.	Dry chemical extinguisher	None	Melted plastic tubing
South Marsh Island Block 58 OCS-G 1194 Platform A Shell	05-01-82	Fire; sparks and slag from welding activity fell into the crane-base enclosure and ignited unused engine oil filters and gas meter charts.	Firewater hoses	None	Minor damage
Eugene Island Block 314 OCS-G 2111 Platform B Exxon	05-05-82	Fire; welding slag fell from the deck and ignited spillage on the water that came from a leak in the sump system.	Extinguished	2 bbl oil	Damage, \$200.
South Marsh Island Block 155 OCS-G 4110 Well No. A-4 Mesa	05-15-82 6 h	Blowout, 9,212-ft, explosion, fire; kick occurred while drilling; explosion and fire occurred at shale shaker while circulating kick. <u>A/</u>	Closed blind shear rams. Platform abandoned.	None	3 minor injuries
High Island Block A-499 OCS-G 3118 Platform C Pennzoil	05-25-82	Fire; a smoke inhalation injury occurred during fire suppression operations.	Extinguished	None	1 injury

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Sabine Pass Block 18 OCS-G 4082 Structure A Tenneco	06-01-82	Fire; switch gear on the electrical distribution panel overheated in the generator room.	Power turned off	None	1 injury
Sabine Pass Block 10 OCS-G 3958 Platform A Shell	06-03-82	Fire; gear box shorted out in SCR engine room.	Dry chemical extinguisher	None	Minor damage to gear box
South Marsh Island Block 33 OCS 0780 Platform D Amoco	06-24-82	Explosion; per- forating gun fired prematurely. E/	Unknown	None	2 fatalities, 2 injuries.
Eugene Island Block 116 OCS 0478 Platform A Shell	06-26-82 2 h	Fire; lightning struck radio antenna on gauger shack.	Dry chemical extinguishers	None	Partially destroyed gauger shack
High Island Block 206 OCS-G 1831 Platform A Texaco	06-26-82	Fire; lube oil and gas leaked from a compressor and was ignited from the hot exhaust.	Extinguished	None	None
South Marsh Island Block 107 OCS-G 2130 Platform A Transco	07-01-82	Fire; a welding lead shorted out against the gunwale of the motor vessel due to wave action. Methanol transfer had just been completed when the lead shorted and some residual methanol ignited.	Dry chemical extinguishers	None	None
Grand Isle Block 37 OCS 0392 Platform Y Chevron	07-10-82 3 min	Fire; can of paint thinner was open in area where air mixer was being used.	Dry chemical extinguisher	None	1 injury

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
West Cameron Block 65 OCS-G 2825 Well No. JA-3 Shell	07-14-82 57 d	Blowout, fire; kelly hose burst during well-control procedure. Kelly cock and in-line safety valve could not be closed. Fire occurred the next day. <u>A/E/</u>	Well bridged	Light sheen	Jackup rig and derrick destroyed.
South Pass Block 54 OCS-G 1606 Platform A Texaco	07-15-82	Fires (2); the first fire occurred when welding slag dropped in a trash basket. The other occurred when welding slag dropped on oily residue on top of a roof.	Fire water system	None	None
West Delta Block 73 OCS-G 1083 Platform C Exxon	07-16-82	Fire; a rusted drum sprung a leak and ignited during sandblasting.	Extinguished	None	1 injury
Vermilion Block 179 OCS 0493 Platform B Shell	07-19-82	Fire; lightning hit pressure vacuum relief valve and set gas on fire.	Extinguished	None	Damaged valve
Vermilion Block 76 OCS 0249 Well No. 6 Samedan	07-20-82	Explosion; while cleaning and testing, swivel pipe exploded. <u>E/</u>	Unknown	None	1 fatality, 2 injuries.
Main Pass Block 92 OCS-G 1500 Platform B Mobil	07-22-82	Fire; spark or welding slag caused methanol tank to explode and catch fire.	Firewatch personnel	None	Damage to deck grating
Ewing Bank Block 305 OCS-G 4254 Well No. 6 Conoco	07-22-82 3 min	Fire; occurred aboard drilling rig when jacking breaker arced out to ground on ship service breaker.	Dry chemical extinguishers	None	Extensive damage to electrical panel

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Vermilion Block 380 OCS-G 2580 Texaco	07-23-82	Fire; rental generator threw a rod and caught fire.	Dry chemical extinguisher	None	1 injury
West Delta Block 45 OCS 0138 Platform G Conoco	07-24-82	Fire; box of head gaskets were blown off shelf onto hot exhaust manifold of generator and ignited a fire.	Dry chemical extinguisher	None	None
Eugene Island Block 342 OCS-G 2319 Platform A Texaco	08-09-82 5 min	Fire; occurred in a generator, due to a short in the wires within the generator housing.	Dry chemical extinguisher	None	Damage to generator
West Delta Block 95 OCS-G 1497 Platform X Conoco	08-12-82 1 h	Fire; ceramic plunger on low pressure pump shattered, blowing cover off rod box, causing pipe to break and spray oil that later ignited.	Dry chemical extinguishers	None	Damage to production equipment, \$250,000.
East Cameron Block 240 OCS-G 4101 Platform A Shell	08-14-82	Fire; oil-based mud was ignited by hot metal cuttings from welder's torch.	Extinguished	None	Minor damage to structure
Grand Isle Block 23 OCS 034 Platform J Exxon	08-16-82	Fire; occurred when the compressor backfired and flashed around the end of the exhaust manifold.	Dry chemical extinguisher	None	Minor equipment damage
South Pass Block 49 OCS-G 2177 Platform A Gulf	08-17-82 3 to 5 min	Fire; leaking hydraulic oil sprayed onto exhaust section of compressor.	Water hoses and dry chemical extinguishers	None	Damage to turbine compressor and overhead deck

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Timbalier Block 54 OCS 0019 Platform G Exxon	09-02-82	Fire; welding machine cables ignited when they short circuited after being pulled into a puddle of water.	Extinguished	None	None
Ship Shoal Block 114 OCS 0064 Well No. 1 ODECO	09-03-82	Fire; oil leaking from flange on gas relief line ignited.	Dry chemical extinguisher	None	2 injuries
Eugene Island Block 206 OCS 0806 Platform A Texaco	09-07-82	Fire; mist from the glycol reboiler ignited outside the fire tube.	Extinguished	None	Damage to vessel insulation
West Cameron Block 143 OCS-G 3494 Well No. 1 Getty	09-09-82 5 min	Fire; rust preven- tive coating in tank ignited by welding.	Extinguished	None	Paint and electrical wire damage
Ship Shoal Block 204 OCS-G 1520 Platform A Placid	09-09-82	Fire; sparks from lighting the gas- fired burner of the glycol reboiler fell and ignited condensate on top of the water on the deck.	Extinguished	None	None
Mississippi Canyon Block 21 OCS-G 4936 Structure 1 Exxon	09-12-82	Fire; excessive electrical current caused a metal grid in the brake console cabinet to overheat and ignite the paint.	Ceased	None	Minor equip- ment damage
West Cameron Block 70 OCS-G 3759 Structure 1 Conoco	09-15-82	Fire; an electrical control panel used during jacking oper- ations overloaded and caused a fire in the control box.	Ceased	None	Unknown

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
High Island Block 71 OCS-G 1812 Platform A Texaco	09-16-82 15 min	Fire; accumulated condensate in glycol reboiler boiled over, fell on exhaust stack, and ignited.	Dry chemical extinguishers and fire water hoses	None	Damage to controls on reboiler and separator, insulation, piping, and an electrical conduit.
Ship Shoal Block 214 OCS 0828 Platform D Kerr-McGee	09-17-82	Fire; trapped distillate in meter run flange ignited while bolts were being cut out.	Extinguished	None	1 injury
West Delta Block 70 OCS 0181 Platform I Conoco	09-19-82	Flash fire; welding sparks ignited gas leaking from a supply line.	Fire water spray from boat	None	None
High Island Block A-571 OCS-G 2391 CNG	09-21-82	Fire; occurred around pump; cause of ignition unknown.	Extinguished	None	1 injury
High Island Block 517 OCS-G 3481 Platform A Gulf	09-25-82	Explosion; MV <i>Angela Briley</i> was docked at the platform when an explosion occurred, cause unknown. <u>E/</u>	Unknown	None	2 fatalities; major vessel damage.
South Pass Block 49 OCS-G 2177 Platform A Gulf	10-04-82	Fire; hot exhaust duct of a turbine caused fire to occur under the duct.	Extinguished	None	None
Viosca Knoll Block 900 OCS-G 2445 Platform A Gulf	10-16-82	Fire; gas compressor malfunctioned and was turned off, but fuel flow continued and ignited in the combustion chamber.	Ceased	None	None

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 207 OCS-G 1523 Platform A Placid	10-19-82	Fire; electrical power was lost on the platform when fire occurred on the generator.	Extinguished	None	None
Eugene Island Block 361 OCS-G 2324 Platform A Well No. A-10 Chevron	10-21-82 7 d	Blowout, 4,292 ft, fire; well ignited after blowout, during development drilling. Annular preventer leaked after well kicked. <u>A/E/</u>	Well bridged	None	Drilling rig and quarters destroyed
High Island Block A-330 OCS-G 2421 Platform A Aminoil	10-22-82	Fire; glycol flowed through crack in tube into firebox and ignited.	Extinguished	None	Damage, \$12,000.
Ship Shoal Block 154 OCS 0420 Platform E Gulf	11-01-82	Fire; level control valve to the compressor failed, allowing oil to overflow the turbocharger into the exhaust manifold and ignite.	Ceased	None	None
South Marsh Island Block 61 OCS-G 1196 Platform E Tenneco	11-02-82	Fire; oil leaked from a broken seal and sprayed on the compressor exhaust manifold and ignited.	Ceased	None	Damaged compressor
West Delta Block 32 OCS-G 0367 Platform S Exxon	11-02-82	Fire; flash fire began at the starter during attempt to start an engine.	Extinguished	None	2 injuries
South Timbalier Block 151 OCS 0463 Gulf	11-04-82	Fire; gas leaking from supply line to generator ignited when circuit breaker activated.	Dry chemical extinguisher	None	2 injuries, damage to building and equipment, \$10,000.

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 232 OCS-G 3413 Platform A Conoco	11-05-82	Fire; condensate from unplugged drain line ignited when it sprayed on boat exhaust.	Ceased	None	4 injuries, boat damage unknown.
Eugene Island Block 238 OCS-G 0982 Platform E Gulf	11-12-82	Fire; a leak developed in the fire tube of a glycol reboiler and condensate flowed into the reboiler and ignited.	Ceased	None	Unknown
East Cameron Block 272 OCS-G 2047 Platform D Tenneco	11-14-82	Fire; spark from generator exhaust struck gasket material and ignited.	Extinguished	None	None
West Cameron Block 639 OCS-G 2027 Platform A Sun	12-03-82 2 to 3 min	Fire; started in natural gas generator.	Extinguished	None	Minor damage to generator
Ship Shoal Block 291 OCS-G 2923 Platform A Placid	12-11-82	Fire; starter gas connected to the low-pressure platform gas supply escaped into the generator room and ignited.	Ceased	None	3 injuries
South Marsh Island Block 66 OCS-G 1198 Platform C Aminoil	12-12-82	Fire; occurred near vent-relief and fill up on glycol reboiler.	Extinguished	None	None
Vermilion Block 50 OCS-G 3392 Tenneco	12-13-82	Fire; pipeline between VR 31 A and SM 219 A ruptured and ignited.	Pipeline was bled down	None	None
Vermilion Block 261 OCS-G 3328 Platform A Tenneco	12-13-82	Fire; small amount of gas and oil from compressor discharge line blew onto exhaust.	Extinguished	None	None

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Vermilion Block 58 OCS-G 3546 Platform B Transco	12-17-82	Fire; accumulated gas around generator ignited by spark.	Extinguished	None	2 injuries
Ship Shoal Block 229 OCS 0830 Platform B Kerr-McGee	01-01-83	Fire; when relighting a burner on the line heater, high wind and back pressure on the line caused fire to flash back in the employee's face.	Unknown	None	1 injury
South Marsh Island Block 137 OCS-G 2589 Platform A Conoco	01-02-83 20 min	Fire; chem-electric treater relief valve vented oil and gas into the gas generator exhaust.	Dry chemical extinguishers and water from fieldboat	None	Damage to chem-electric treater, generator, heliport, and platform deck, \$110,000.
Vermilion Block 261 OCS-G 3328 Platform A Tenneco	01-05-83	Fire; water hose ruptured causing antifreeze to spray onto exhaust manifold.	Extinguished	None	None
Ship Shoal Block 182 OCS-G 3998 Well No. 5 Mobil	01-09-83	Fire; flash on rig floor at bell nipple caused by cutting torch being used in V-door.	Extinguished with wash-down hose	None	1 injury
High Island Block 206 OCS-G 1831 Platform A Texaco	01-11-83	Fire; caused by a short-circuit in the wiring in the exciter of the generator.	Dry chemical extinguisher	None	Damage to wiring within generator
High Island Block A-531 OCS-G 2696 Platform A Amoco	01-13-83	Fire; a cutting torch ignited a hose.	Ceased	None	1 injury
South Timbalier Block 26 OCS-G 1870 Platform C Shell	01-13-83	Fire; union on compressor had a leaking seal, and gas was ignited by exhaust.	Dry chemical extinguisher	None	None

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Eugene Island Block 24 OCS-G 2893 Well No. 5 ODECO	02-18-83 1 h	Fire; during pres- surization of supply system for startup, supply scrubber ruptured due to block valve on the departing flow line being left closed. The escaping gas ignited.	Shut in well	None	2 injuries; damage to well deck structure and main control panel, \$15,000.
Eugene Island Block 275 OCS-G 0998 Platform A Texaco	02-20-83 20 min	Fire; The LACT unit shutdown panel was leaking natural gas, and was possibly ignited by friction from an adjacent pipeline pump clutch. B/	Dry chemical extinguishers	None	Extensive damage to the LACT building, shutdown panel and pipeline pump.
Vermilion Block 37 OCS-G 3774 Platform A Diamond-Shamrock	02-21-83	Fire, explosion; generator blew up, causing small fire.	Extinguished	None	1 injury, minimal damage
Main Pass Block 140 OCS-G 2193 Platform B Gulf	02-23-83	Explosion; vacuum created by compres- sor caused explosive mixture to form which caused pocket valve assembly on third stage compressor cylinder to explode.	Unknown	None	None
Main Pass Block 289 OCS-G 1666 Platform B Shell	02-24-83	Fire; paraffin solvent came in contact with hot welding slag and ignited.	Dry chemical extinguishers	None	None
Ship Shoal Block 214 OCS 0828 Platform F Kerr-McGee	02-28-83 10 min	Fire; cause was an engine that back- fired through the carburetor, igniting natural gas leaking from a fitting.	Platform was shut in and fire was extin- guished with dry chemical extinguishers	None	Minor damage to equipment, \$5,000.
South Pass Block 37 OCS 0697 Platform E Texaco	03-01-83 30 s	Fire; slag in sight glass hit the drain and sparked, causing the fire.	Extinguished	None	None

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Grand Isle Block 43 OCS 0175 Platform AA Comp Conoco	03-03-83	Fire; lube oil sprayed on under- side of exhaust where it ignited.	Dry chemical extinguisher	None	None
Vermilion Block 331 OCS-G 2572 Platform A Marathon	03-04-83	Fire; glycol dehy- dration unit caught fire due to leaking reboiler exhaust connection.	Extinguished	None	None
East Cameron Block 353 OCS-G 2264 Platform A Tenneco	03-06-83	Fire; hose lying across exhaust manifold caught fire.	Extinguished	None	None
East Cameron Block 272 OCS-G 2047 Platform C Tenneco	03-12-83	Fire; gas fumes from the hatch of a bad oil tank were ignited by sparks from a gap in the compressor exhaust piping.	Extinguished	None	None
South Pass Block 49 OCS-G 2177 Platform A Gulf	03-15-83	Fire; oil leaked from a needle valve onto insulation and ignited.	Dry chemical extinguishers	None	None
South Pass Block 37 OCS-G 1335 Platform C Gulf	03-18-83	Explosion; the safe- ty lock on the scrap- er trapdoor was not secured while preparing to launch the scraper. An explosion occurred and blew the door off. E/	Unknown	None	1 fatality
Main Pass Block 296 OCS-G 1673 Platform C Conoco	03-18-83	Explosion; occurred in discharge line between cylinder and compressor cooler section.	Unknown	None	Damage to compressor and ESD line, caused plat- form to shut in.
South Timbalier Block 171 OCS-G 1255 Platform D Exxon	03-19-83	Fire; fuel escaped through a crack in expansion joint into insulating material during cranking cycle.	Dry chemical extinguisher	None	Minor damage to equipment

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Pelto Block 10 OCS-G 2925 Platform C Mobil	03-21-83	Fire; pipeline picked up on deck of jackup to be un- plugged. A cut in line caused accumulation of par- affin to heat up and ignite.	Extinguished with a spray hose	None	1 injury
West Delta Block 31 OCS 0016 Platform E Exxon	04-01-83	Fire; leak in 2-in nipple at glycol re- boiler allowed liq- uid to run under in- sulation and ignite.	Dry chemical extinguisher	None	None
Ship Shoal Block 206 OCS-G 1522 Platform A Conoco	04-03-83	Fire; vent line on gas starter was dis- connected; gas ven- ted into building. When the starter engaged, gas ignited.	Extinguished	None	1 injury, minor damage, \$100.
Vermilion Block 241 OCS-G 3132 Platform A Tenneco	04-08-83	Fire; welder on boat landing was repairing damaged grating when bumper tires caught fire.	Extinguished with water from a workboat	None	None
Eugene Island Block 100 OCS 0796 Platform A-Comp Shell	04-20-83	Fire; gas vapors leaked from a com- pressor rod packing and ignited by hot exhaust manifold of engine.	Dry chemical extinguisher	None	None
Mustang Island Block A-90 OCS-G 3065 Platform A Exxon	04-26-83	Explosion; top of brake control box of DC cabinet blew up.	Unknown	None	1 injury
West Delta Block 73 OCS-G 1083 Platform D Exxon	04-27-83	Fire; while cleaning a paintbrush with a catalyst liquid, the liquid ignited.	Dry chemical extinguisher	None	None

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Main Pass Block 306 OCS-G 1670 Platform A Sun	05-01-83	Fire; caused by electrical lead shorting out in generator.	Rental generator was shut down	None	None
Main Pass Block 305 OCS-G 1676 Platform C Marathon	05-02-83	Fire; a 1-in ferrule fitting on a turbine oil cooler vibrated loose, sprayed oil on the hot exhaust line, and ignited.	Dry chemical extinguisher	None	Damage to turbine exhaust insulation blanket, \$900.
South Marsh Island Block 268 OCS-G 2310 Platform A Placid	05-02-83	Fire; internal failure in small control voltage transformer caused fire.	Dry chemical extinguisher	None	Control voltage transformer destroyed
Grand Isle Block 47 OCS 0133 Platform AQ Conoco	05-11-83	Fire; welding slag fell into open pipe fitting connected to a plastic drain line, igniting plastic.	Fire watch	None	None
Eugene Island Block 296 OCS-G 2105 Platform B Placid	05-13-83	Fire; 3-stage control voltage starter coils in switch gear room panel shorted out and caught fire.	Tripped main breaker and extinguished fire	None	Starter holding coils, timers, and electrical wiring insulation in panel were damaged.
Ship Shoal Block 253 OCS-G 1031 Platform C Union	05-24-83	Fire; occurred in air intake of compressor.	Dry chemical extinguisher	None	Damage to filters on air intake on compressor, \$350 damage.
Ship Shoal Block 214 OCS 0828 Platform F Kerr-McGee	05-29-83 3 min	Fire; occurred on top of stock tank.	Dry chemical extinguisher and water spray	None	None

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Main Pass Block 293 OCS-G 1670 Platform A Sun	05-31-83	Fire; electrical motor on roto-roter ignited gas that was apparently coming from inspection opening in drain line.	Extinguished	None	2 injuries
South Pass Block 67 OCS-G 1612 Platform A ARCO	06-04-83	Fire; welding a tee onto line of diesel storage tank, open end of line going to vent room flashed.	Dry chemical extinguisher	None	1 injury
Sabine Pass Block 11 OCS-G 4191 Platform B Tenneco	06-08-83 3 min	Fire; hot slag ignited corrosion treatment chemical that was dripping from a drum.	Extinguished	None	None
West Delta Block 109 OCS-G 2937 Platform A Texaco	06-14-83	Fire; spark resulted from manipulation of tachometer and ignited instrument gas in the area.	Dry chemical extinguisher	None	None
West Delta Block 104 OCS 0841 Platform D Shell	06-17-83	Fire; hydrocarbon vapors in generator building ignited by generator.	Fuel source shut off and extinguished with dry chemical extinguisher	None	Damage to electrical wiring and light fixtures near ceiling, \$25,000.
Ship Shoal Block 169 OCS 0820 Platform A Gulf	07-05-83	Fire; lightning struck stock tank and started fire at tank vent and thief hatch.	Dry chemical extinguisher and water unit	None	None
Vermilion Block 215 OCS-G 1140 Platform A Mobil	07-05-83	Fire; employee lit cigarette near natural gas powered pump, igniting gas vapors.	Extinguished	None	1 injury

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Eugene Island Block 343 OCS-G 2320 Platform B Texaco	07-12-83 10 min	Fire; during start-up operations, compressor backfired, igniting natural gas from vent line outlets.	Extinguished	None	Damage to compressor muffler insulation and surrounding painted surfaces.
Grand Isle Block 23 OCS 0034 Platform J Exxon	07-21-83	Fire; a plug on the bottom of the starter housing was missing; gas escaped and was ignited by the starter gearing.	Shut off fuel source	None	None
West Delta Block 109 OCS-G 2937 Platform A Texaco	07-28-83	Fire; a cleaner collected on top of engine where heat caused it to ignite.	Dry chemical extinguisher	None	None
South Marsh Island Block 69 OCS-G 1201 Platform B Exxon	08-10-83	Fire; lightning ignited gas at the vent stack off the scrubber.	Dry chemical extinguisher	None	None
South Pass Block 49 OCS-G 2177 Platform A Gulf	08-11-83	Fire; gas vapors escaped from stock tank and ignited by welding operations.	Fire watch	None	None
Eugene Island Block 32 OCS 0196 Platform F Union	08-15-83	Fire; gas leaking from a control valve on a natural gas-powered crane was possibly ignited by the crane cable rubbing on the drum.	Unknown	None	1 injury
Eugene Island Block 175 OCS 0438 Platform C ARCO	08-31-83 8 min	Fire; gas was leaking from a partially opened ball valve; fire started at reciprocating gas compressor.	Extinguished	None	Damage to temperature switches and stainless steel tubing

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Eugene Island Block 313 OCS-G 2608 Platform A Texaco	09-03-83	Fire; plastic covering on replacement engine ignited when a cutting torch was being used.	Dry chemical extinguisher	None	None
Grand Isle Block 37 OCS 0392 Platform R Chevron	09-16-83 10 s	Fire; flash fire occurred when gas leaking from compressor valve cover gasket was ignited.	Dry chemical extinguisher	None	None
Grand Isle Block 37 OCS 0392 Platform R Chevron	09-28-83	Fire; fire occurred on compressor when leaking gas was ignited by burning insulation on the exhaust manifold.	Extinguished	None	None
West Cameron Block 551 OCS-G 2555 Platform A Chevron	10-10-83	Fire; new insulation on compressor exhaust began burning when compressor was started.	Compressor was shut down and fire extinguished	None	Minimal damage
South Timbalier Block 171 OCS-G 1255 Platform D Exxon	10-11-83	Fire; small leakage of gas was ignited by spark when controller box cover came in contact with electrical circuitry.	Dry chemical extinguisher	None	None
Ship Shoal Block 229 OCS 0830 Platform A Kerr-McGee	10-11-83	Fire; occurred when natural gas ignited after being vented from atmospheric oil tank vent pipe and migrated into fire tube chamber on heater-treater.	Dry chemical extinguisher	None	1 injury
Vermilion Block 320 OCS-G 2087 Platform B Sun	10-12-83	Fire; heat from generator exhaust ignited plywood interior of generator building.	Extinguished	None	Damage limited to 3-square ft area of generator building

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
East Breaks Block 160 OCS-G 2647 Platform A Well No. A-28 Union	10-13-83 17 h	Blowout, gas, fire, 4,817 feet; high- pressure gas was encountered and di- verted for 35 min; one of the diverter lines ruptured, and the gas ignited. The fire was extinguished the next day, when the well bridged. <u>A/E/</u>	Actuated diverter. Rig was evacuated and well bridged.	None	Extensive damage to two rigs and platform
Ship Shoal Block 198 OCS 059JC Platform H Tenneco	10-16-83	Fire; a flammable paraffin inhibitor solvent spilled in- to the transporter drip pan and then washed through grat- ing onto exhaust of pipe line pumps.	Platform deluge system activated	None	None
Eugene Island Block 314 OCS-G 2111 Platform A Exxon	10-18-83	Fire; during re- moval preparations, a flash-type fire occurred in chem- electric treater.	Extinguished	None	2 injuries
Eugene Island Block 10 OCS-G 2892 Well No. 3 Transco	10-20-83 7 d	Blowout, fire, 15,573 ft; well began to flow dur- ing workover op- erations. Drill- string safety valve began to leak at stem, causing well to ignite. <u>A/E/</u>	Pumped mud down annulus. Drill-string safety valve began to leak at stem, causing well to ignite. Killed well and extin- guished fire.	None	Extensive damage to rig
Mississippi Canyon Block 280 OCS-G 3818 Platform A Exxon	10-20-83	Fire; sparks from cutting torch ig- nited protective tarpaulin.	Extinguished fire with dry chemical and water	None	None
South Pelto Block 19 OCS 0073 ODECO	10-22-83	Explosion; welder was attempting to cut the top out of a drum when it exploded	Unknown	None	1 injury

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
West Delta Block 80 OCS-G 1989 Platform D Marathon	10-29-83	Fire; rental generator caught fire around the armature section.	Extinguished fire with dry chemical	None	Damage to armature motor, stator, and voltage regulator, \$15,000.
West Delta Block 99 OCS-G 1096 Platform B Exxon	11-05-83	Fire; the hot surface of the generator turbine housing ignited oil that was leaking from 3/8-in lubricating oil tubing.	Dry chemical extinguisher	None	None
Ship Shoal Block 207 OCS-G 1523 Platform E Placid	11-13-83 10 s	Fire; exhaust manifold above the vent caps was believed to be the source of ignition of a small fire that occurred near the vent caps on a gas compressor.	Extinguished	None	None
Vermilion Block 250 OCS-G 1149 Platform E Tenneco	11-17-83	Fire; originated in the grease catch on the exhaust pipe of the No. 1 pump.	Extinguished	None	None
Ship Shoal Block 224 OCS-G 1023 ODECO	11-20-83	Fire; occurred when generator shorted out during heavy rainstorm.	Dry chemical extinguishers	None	Minor damage to generator
Eugene Island Block 349 OCS-G 2322 Platform A Marathon	11-28-83	Fire, explosion; gear box cover on the turbine generator was blown off and was apparently the source of the fire.	Halon system	None	None
South Timbalier Block 24 OCS 0387 Platform U Chevron	11-30-83	Fire; natural gas leaking from a compressor cylinder head was believed to be ignited by small pieces of metal emitting from the cylinder head.	Extinguished	None	Minor damage, \$950.

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Main Pass Block 305 OCS-G 1676 Platform C Marathon	12-02-83 10 min	Fire; occurred on the skid area of an electrically powered pump that was functioning as an LACT charge pump. Apparent cause was loss of a front pump bearing that resulted in a seal fracture. Pump shaft, rubbing against the housing, generated enough heat to ignite oil leaking from the seal.	Dry chemical extinguishers and fire water unit	None	Damage to paint and electrical wiring, \$300.
West Cameron Block 648 OCS-G 4268 Platform A Sun	12-07-83	Fire; occurred at a leaking valve at the 1/2-in tap on the U-tube bundle of the high pressure heat exchanger.	Extinguished	None	None
South Pass Block 28 OCS 0694 Well Jacket No. 142 Shell	12-13-83	Fire; gas escaped from bleeder valve and ignited by cutting torch.	Extinguished	None	2 injuries
West Cameron Block 620 OCS-G 2234 Platform A Marathon	12-16-83	Fire; occurred in the insulation on the glycol re-boiler. Cause of the fire was auto ignition of glycol-soaked insulation.	Extinguished	None	None
West Cameron Block 540 OCS-G 2553 Platform A Marathon	12-19-83	Fire; electrical short in control panel caused wiring insulation to ignite.	Dry chemical extinguisher	None	Minimal damage
West Delta Block 73 OCS-G 1083 Platform A Exxon	12-31-83 30 min	Fire; a liquid carryover vented through the relief system and sprayed on compressor exhaust system and ignited.	Dry chemical extinguishers and water	None	Damage to vent cooler, glycol reboiler, and compressor, \$500,000.

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Timbalier Block 22 OCS 0165 Platform D Tenneco	01-04-84 1 min	Fire; escaping gas from needle valve on lubricator assembly was ignited by slag on the platform deck.	Extinguished	None	Burned rubber hose
Ship Shoal Block 313 OCS-G 5571 Well No. 1 ARCO	01-04-84 1 h gas sand. While gas was being diverted, the port side diverter line ignited. <u>A/</u>	Blowout, gas, fire; well was drilled through a shallow	Opened diverter. Well bridged and fire was extinguished.	None	None
Ship Shoal Block 269 OCS-G 1036 Platform A Union	01-06-84 a few min	Fire; falling slag ignited oil on the water. Three people jumped overboard, and only one was recovered. One man burned to death on the middle deck. <u>E/</u>	Diminished	Unknown	3 fatalities, 9 injuries.
South Pass Block 49 OCS-G 2176 Platform A Union	01-07-84	Fire; flexible hose connection broke, causing compressor area to flood with gas.	Halon system, dry chemical extinguishers, and water	None	Compressor and associated equipment were damaged, \$300,000.
South Timbalier Block 54 OCS 0019 Platform A Exxon	01-07-84	Fire; occurred when the flow line to the reboiler cracked due to vibration.	Extinguished with water	None	None
South Pelto Block 10 OCS-G 2925 Platform C Mobil	01-08-84	Fire; gas was heard bleeding in the ball valve panel. When the door was opened, a flash fire occurred.	Dry chemical extinguisher	None	1 injury
Eugene Island Block 44 OCS-G 3990 Drilling Mobil	01-11-84 10 min	Fire; the elements in a heater had shorted and ignited plastic material stored inside the fan room.	Dry chemical extinguisher	None	Unknown

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
High Island Block A-568 OCS-G 2716 Platform A Marathon	01-16-84	Fire; the hot generator turbine exhaust caused a small fire, which scorched the paint on the generator building.	Dry chemical extinguisher	None	None
High Island Block A-315 OCS-G 2786 Platform A Mesa	01-19-84	Explosion, fire; occurred at the firebox of the thermol unit.	Dry chemical extinguisher	None	Severe damage to fire box
Bay Marchand Block 3 OCS 0370 Platform KN Chevron	01-19-84	Fire; escaping gas from compressor exhaust manifold ignited.	Dry chemical extinguisher	None	Damage, \$1,000.
High Island Block A-315 OCS-G 2786 Platform A Mesa	01-27-84	Fire; the purging cycle was insufficient to clear all of the gas vapors leaking around the valve in a thermol unit and upon trial ignition, a fire resulted.	Extinguished	None	Unknown
High Island Block 206 OCS-G 1831 Platform A Texaco	01-29-84 5 min	Fire; diesel generator threw a rod, breaking the engine housing, and allowing diesel to leak and catch fire.	Dry chemical extinguishers	None	Damaged generator
Vermilion Block 313 OCS-G 1172 Platform B CNG	02-01-84	Fire; spewing gas from discharge of compressor was ignited by hot exhaust.	Extinguished	None	Minimal damage to platform
East Cameron Block 338 OCS-G 2063 Platform A Sun	02-02-84	Fire; hot oil pump startup caused flash fire.	Extinguished	None	None

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Pelto Block 10 OCS-G 2925 Well No. 16 Mobil	02-08-84 15 s	Fire; hot metal ignited an acetylene hose.	Extinguished	None	Burned hose
Ship Shoal Block 168 OCS 0819 Platform A Tenneco	02-12-84	Fire; lightning ignited the gas fumes coming off the flame arrestor on platform skimmer.	Dry chemical extinguisher	None	None
Bay Marchand Block 3 OCS 0370 Platform KN Chevron	02-14-84 3 min	Fire; bearing failed in the turbocharger, causing overheat condition in the exhaust manifold.	Flame went out when the compressor was shut down	None	None
Ship Shoal Block 248 OCS-G 1029 Platform D CNG	02-16-84	Fire; flare boom struck by lightning and ignited.	Dry chemical extinguisher	None	1 injury
East Cameron Block 338 OCS-G 2063 Platform A Sun	02-22-84	Fire; caused when sparks from a grinder ignited a small amount of condensate.	Dry chemical extinguishers	None	None
South Timbalier Block 156 OCS-G 2928 Platform A Amoco	03-20-84	Fire; high winds blew water into radio equipment building causing electrical fire. <u>E/</u>	Unknown	None	Destroyed radio equipment building
Main Pass Block 305 OCS-G 1676 Platform C Marathon	03-25-84	Fire; oil from a leak in seal below exhaust of generator was ignited.	Dry chemical extinguisher	None	None
East Cameron Block 245 OCS-G 0970 Platform A Chevron	04-01-84	Fire; explosion inside the compressor and a flash fire around the filter separator.	Dry chemical extinguisher and water	None	1 injury

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
East Cameron Block 215 OCS-G 3297 Platform A Samedan	04-03-84	Fire, explosion; glycol reboiler ex- ploded when sprayed by condensate. <u>E/</u>	Extinguished	None	Extensive damage to platform
Grand Isle Block 42 OCS 0131 Platform F Conoco	04-03-84	Fire; welding slag fell from the plat- form to the water surface and ignited a slick of unknown origin.	Dry chemical extinguishers	None	Burned paint on platform
South Timbalier Block 26 OCS-G 1361 Platform A Shell	04-17-84	Fire; ignition oc- curred when gly- col vapors con- tacted hot metal surface on the re- boiler.	Dry chemical extinguisher	None	None
South Timbalier Block 55 OCS 0421 Platform E Exxon	04-17-84 1 h	Fire; unknown origin.	Extinguished with water	None	Damage to storage building, wood deck, and heliport above the building, \$8,000.
West Cameron Block 405 OCS-G 3280 Platform A Getty	05-14-84	Fire, explosion; gas venting from drain lines beneath the living quarters and the generator room was ignited when an air conditioner in the living quarters was started to relieve gas detected by the alarm system. <u>E/</u>	Extinguished	None	1 fatality, 1 injury.
Grand Isle Block 48 OCS 0134 Platform K Conoco	05-16-84	Fire; occurred while relocating a water tank.	Extinguished with water	None	Unknown
Vermilion Block 58 OCS-G 3546 Platform A Transco	05-23-84	Fire; gas exhaust ignited.	Extinguished	None	Minor damage

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Grand Isle Block 37 OCS 0392 Platform Z Chevron	05-27-84 3 min	Fire; a degreaser mixed with oil was used to clean a natural gas compressor that had not cooled down. The mixture ignited upon contact.	Dry chemical extinguishers	None	Minimal damage, \$50.
Ship Shoal Block 207 OCS-G 1523 Placid	06-07-84 30 s	Fire; flange bolts on fuel valve were loose, allowing gas to escape from the compressor and ignite.	Ceased	None	None
Ship Shoal Block 246 OCS-G 1027 Platform E CNG	06-19-84	Fire; employee was trying to switch solar generators and an excessive temperature rise in heat exchanger box ruptured piping.	Unknown	None	Unknown
East Cameron Block 272 OCS-G 2047 Platform D Tenneco	06-22-84	Fire; sparks induced by a wrench ignited gas vapors surrounding the compressor.	Dry chemical extinguisher	None	1 injury
Ship Shoal Block 207 OCS-G 1523 Placid	07-11-84	Fire; fuel valve on compressor closed and allowed gas to enter exhaust manifold where it ignited.	Extinguished	None	None
West Cameron Block 300 OCS-G 4399 MODU, <i>Penrod 86</i> Amoco	07-17-84	Fire; electrical fire in breaker box located in silicon rectifier room.	Extinguished	None	Damage to breaker box
Grand Isle Block 37 OCS 0392 Platform R Chevron	07-24-84	Fire; ignited on the third-stage discharge cylinder of a gas compressor.	Extinguished	None	None
Ship Shoal Block 214 OCS 0828 Platform A Kerr-McGee	07-25-84	Fire; a flash fire occurred when an attempt was made to relight a glycol reboiler.	Extinguished	None	1 injury

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Grand Isle Block 37 OCS 0392 Platform A Chevron	07-27-84	Fire; a flash fire occurred when a gas compressor was being washed down using a degreaser.	Extinguished	None	Minor damage
Grand Isle Block 41 OCS 0129 Platform F Conoco	07-28-84	Fire; during an attempt to cut a drum in half, vapors were ignited and both ends exploded off the drum.	Extinguished	None	1 injury
Eugene Island Block 208 OCS 0577 Platform E Conoco	07-29-84	Fire; light above mud tank shorted out and ignited vapors from completion fluids.	Extinguished	None	Damaged light above mud tank
High Island Block A-6 OCS-G 4734 Platform A Shelling Shell	07-29-84	Explosion; perforating gun fired prematurely. E/	Perforating explosive instantaneously consumed	None	1 fatality, 2 injuries.
East Cameron Block 272 OCS-G 2047 Platform A Tenneco	08-06-84	Fire; lightning struck compressor vent line and ignited vapors within.	Extinguished	None	Unknown
South Marsh Island Block 107 OCS-G 2130 Platform A Transco	08-10-84	Fire; a seep in the fill valve on the therminol unit caused the insulation to saturate with therminol and ignite.	Replaced insulation and fill valve	None	Unknown
West Delta Block 34 OCS-G 3414 Transco	08-16-84 30 min	Fire; electrical fire ignited in a panel board.	Extinguished	None	Destroyed 3 panel boards and part of another

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
West Delta Block 117 OCS-G 1101 Platform G Gulf	08-16-84	Fire; sparks from welding operations being performed on the piping of the compressor ignited escaping gas.	Extinguished	None	Burned air filters
East Cameron Block 322 OCS-G 2254 Platform A Aminoil	08-17-84	A welder was cutting away grating while standing above, or nearby, an aluminum tank on a production platform. The tank contained emulsion breaker. Apparently, welding slag penetrated the aluminum and ignited the emulsion breaker, causing an explosion and fire. The welder was fatally injured and his helper suffered second and third degree burns E/	Extinguished by the crew.	None	1 fatality, 1 injury.
Green Canyon Block 69 OCS-G 5893 MODU, <i>Lexington</i> Conoco	08-18-84	Fire, explosion; welding repairs were made to a hydraulic racking arm in the derrick house when an acetylene leak ignited.	Extinguished	None	1 injury
South Timbalier Block 26 OCS-G 1361 Platform A Shell	08-21-84	Explosion; an air volume tank was being pressured up when the end dome of the tank blew out and hit an air compressor.	Unknown	None	Damage, \$2,000.
West Cameron Block 118 OCS 0757 Platform 1 Phillips	08-23-84	Fire; spontaneous combustion occurred when condensate and glycol leaked from a glass.	Extinguished	None	Unknown
West Delta Block 73 OCS-G 1083 Platform D Exxon	08-24-84	Fire; blanket gas in a heater-treater leaked through a relief valve and vented through a line to where welding was in progress, and ignited.	Extinguished	None	None
South Marsh Island Block 218 OCS 0130 Platform B Texaco	09-05-84	Fire; an electric telemetry device for level safety highs on two separators was being repaired when a spark ignited gas in the panel.	Dry chemical extinguisher	None	Damage to panel

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Vermilion Block 330 OCS-G 4261 Platform A Exxon	09-08-84	Fire; a bearing failure caused the lube oil lines to vibrate, separate, and spray oil onto the turbine exhaust expansion joint and ignite.	Extinguished	None	Unknown
East Cameron Block 286 OCS-G 2051 Platform A Mobil	09-12-84	Fire; a leak in the glycol reboiler fuel regulator ignited.	Extinguished	None	Unknown
Ship Shoal Block 198 OCS 0593C Platform H Tenneco	09-14-84	Fire; during welding operations, a leaking O-ring on a surface safety valve allowed natural gas to escape and ignite.	Dry chemical extinguisher	None	None
Green Canyon Block 69 OCS-G 5893 MODU, <i>Penrod 75</i> Well No. 1 Conoco	09-14-84 10 min	Blowout, gas, fire; after completing a well kick operation at 9,535 ft, the subsea BOP stack was circulated and vented. Upon opening the annular BOP, remaining trapped gas came up the riser and ignited. <u>A/E/</u>	Well bridged	None	4 fatalities, 3 injuries, \$15 million damage to drilling rig.
West Cameron Block 560 OCS-G 3283 Platform A Chevron	09-19-84	Fire; lube oil leaked from turbine compressor lines and was ignited by hot exhaust.	Extinguished	None	Minimal damage to compressor
Vermilion Block 31 OCS-G 2868 MODU Texaco	09-21-84 30 s	Fire; flash fire occurred while rig was circulating bottom up in preparation to pull out of hole.	Extinguished	None	1 injury
Ship Shoal Block 246 OCS-G 1027 Platform A CNG	09-24-84	Fire; the chemical pump engine backfired and the air filter blew off allowing chemical fumes to contact the open carburetor and ignite.	Extinguished	None	Minor damage, \$2,000.

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Timbalier Block 63 OCS-G 1548 Chevron	09-30-84	Fire; occurred while bleeding pressure from the flow line through the crown valve on the production tree.	Extinguished by closing crown valve	None	Unknown
Grand Isle Block 43 OCS 0175 Platform AC Conoco	10-06-84	Fire; when starter was engaged on turbine compressor, leaking gas at the starter flange ignited on contact with the hot combustor case.	Dry chemical extinguisher	None	Unknown
Eugene Island Block 119 OCS 0049 Platform M Mobil	10-06-84 20 min	Fire; a gas lift supply line ruptured at a weld joint and ignited.	Extinguished	None	1 injury
Ship Shoal Block 214 OCS 0828 Kerr-McGee	10-25-84 20 min	Fire; pipeline pump gear box bearings overheated and destroyed the seal around the pump shaft, allowing oil to discharge onto the hot bearings.	Extinguished	None	Unknown
South Timbalier Block 23 OCS 0166 Platform CC Chevron	11-07-84	Fire; insulation of low temperature grade ignited from the exhaust of a pipeline pump.	Extinguished with water	None	None
East Cameron Block 57 OCS-G 3289 Platform JC Shell	11-07-84	Fire; occurred in the cab of the rig crane due to an electrical malfunction in a small portable space heater.	Dry chemical extinguisher	None	Unknown
West Delta Block 70 OCS 0182 Platform 1 Conoco	11-24-84	Fire; a ceramic coated plunger in the pipeline pump shattered, causing oil to be sprayed on the engine, resulting in a fire.	Dry chemical extinguishers	None	2 injuries, damage to pump and engine, \$25,000.

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 322 OCS-G 4877 Platform A Exxon	11-25-84	Fire; paper boxes next to a building were ignited by welding operations.	Extinguished with water	None	Minor damage
West Delta Block 117 OCS-G 1101 Platform G Gulf	11-29-84	Fire; a fire on the compressor was caused by a rupture in a piece of tubing in the lubrication system, which allowed oil to be sprayed on the turbo charger.	Dry chemical extinguisher	None	Melted rubber hose
Grand Isle Block 22 OCS 0031 Exxon	12-14-84	Fire; a split in the compressor engine exhaust pipe allowed hot gases to escape and ignite insulation on the compressor building wall.	Dry chemical extinguishers	None	Minor damage
South Marsh Island Block 69 OCS-G 1201 Platform B Exxon	12-15-84 1 min	Fire; a diesel booster pump oil cooling line leaked oil through an opening in the platform deck onto the exhaust pipe of another pump and ignited.	Extinguished	None	Minor damage
Eugene Island Block 120 OCS 0050 Platform CF Mobil	12-18-84 3 min	Fire; an insulation failure caused an electrical fire in a generator.	Extinguished	None	Damage to generator, \$11,000.
West Cameron Block 180 OCS 0763 Platform G Tenneco	12-19-84	Fire; welding procedures ignited fumes in a condensate tank that had been shut in and filled with water.	Extinguished	None	None
West Cameron Block 609 OCS-G 2850 Platform B Mobil	12-19-84	Fire; failure of the primary temperature controller and the secondary cutoff device caused temperatures to reach the ignition range and ignite the insulation on a glycol reboiler.	Dry chemical extinguisher	None	Damage to glycol reboiler, \$1,800.

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 247 OCS-G 1028 Platform Unknown CNG	12-28-84	Fire; slag from a welding operation ignited gas leaking from the level controller on the sump tank.	Extinguished	None	None
High Island Block A-570 OCS-G 2390 Platform A Exxon	12-29-84 1 h	Fire; a vapor recovery tank overflowed and dripped condensate on a hot compressor exhaust then into the Gulf and ignited.	Extinguished	None	None
Ship Shoal Block 206 OCS-G 1522 Platform A Conoco	01-05-85	Fire; a disconnected spark plug on a compressor engine arced and ignited gas leaking from a pipe union.	Extinguished	None	None
Eugene Island Block 276 OCS-G 0989 Platform C Union	01-05-85	Fire; generator exhaust heat ignited material inside the wall of the generator building.	Extinguished	None	Damage to generator building
East Cameron Block 245 OCS-G 0970 Platform A Chevron	01-05-85 15 min	Fire; turbine heat ignited oil on outer housing after a connector broke on the lube oil supply line.	Foam extinguished	None	Damage to solar compressor package
South Pass Block 62 OCS-G 1294 Platform A Shell	01-12-85	Fire; welding torch ruptured a hydraulic tubing line and ignited the hydraulic oil.	Ceased	None	1 injury
South Marsh Island Block 218 OCS 0310 Platform B Texaco	01-20-85 10 min	Fire; static electricity or a spark from loose slag in the flow line ignited gas venting from the scrubber when the PSV relieved.	Ceased	None	Damage to conduit

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Marsh Island Block 219 OCS 0310 Platform A Texaco	01-22-85	Fire; natural gas, vented from the overboard vent line, was ignited by a spark created by a loose brace on the line.	Ceased	None	Damage to platform and safety control equipment.
Ship Shoal Block 214 OCS 0828 Platform F Kerr-McGee	01-25-85	Fire; loose wires arced in electrical switch box on genera- tor and ignited oil leak on pressure shut-down switch.	Unknown	None	Damaged generator
Ship Shoal Block 198 OCS 0593C Platform H Tenneco	01-27-85	Fire; static elec- tricity ignited con- densate during the taking of a sample from a high-pressure separator.	Extinguished	None	None
Ship Shoal Block 214 OCS 0828 Kerr-McGee	01-27-85	Fire; a rubber hose connected to the oil pressure switch on generator sprayed oil on the heated surface of the generator and ignited.	Unknown	None	Minimal property damage
East Cameron Block 215 OCS-G 3297 Platform A Samedan	01-30-85	Fire; the production separator was being purged to flare when gas migrated to the living quarters and was ignited by the lighting of a cigarette. <u>E/</u>	Ceased	None	2 injuries, major property damage.
High Island Block A-542 OCS-G 2702 Platform A Sun	02-09-85	Fire; the fire occurred at the glycol reboiler because of an accumulation of condensate from supply gas in the firebox of the reboiler.	Extinguished	None	None
Ship Shoal Block 170 OCS-G 3584 Drilling rig Tenneco	02-11-85 10 s	Fire; mechanic attempted to start rig engine after repairs. There was an explosion in the engine crankcase and a flash fire.	Ceased	None	None

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Eugene Island Block 189 OCS 0423 Platform B Shell	02-12-85	Fire; excess gas was released during the lighting of the welder's torch and a flash fire occurred.	Ceased	None	1 injury
Ship Shoal Block 208 OCS-G 1228 Platform H Union	02-14-85	Fire; hot slag from welding operations ignited a condensate accumulation in the separator drip pan.	Water and chemical extinguished	None	1 injury
High Island Block A-571 OCS-G 2391 Platform B CNG	02-21-85	Fire; the high-pressure sensor on the flow line was bypassed and caused the relief valve on the high pressure separator to open. The asbestos gasket failed on the inspection plate and escaping gas ignited and exploded. <u>E/</u>	Platform shut in, fire ceased.	None	5 injuries, major damage to platform and helicopter.
South Pass Block 93 OCS-G 1619 Platform A Exxon	03-05-85	Fire; cleaning fluid used to clean the top of the generator building came in contact with the hot exhaust piping and ignited.	Ceased	None	None
West Delta Block 73 OCS-G 1083 Platform AD Exxon	03-07-85	Fire; started in the muffler of a misfiring natural gas engine driving a pipeline pump.	Water extinguished	None	Unknown
South Marsh Island Block 49 OCS 0787 Platform B Union	03-13-85	Fire; natural gas used to operate an air starter motor was ignited when an engine backfired.	Ceased	None	1 injury

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 114 OCS 0064 ODECO	03-25-85	Fire; hot exhaust gas from a ruptured flange gasket in the generator exhaust line melted the fiberglass roofing, which dripped on generator engine igniting the gas vapors.	Platform emergency system activated	None	Unknown
Vermilion Block 380 OCS-G 2580 Platform A Texaco	04-01-85	Fire; compressor backfired causing fuel ignition within the compressor.	Extinguished	None	Damaged compressor
Ship Shoal Block 207 OCS-G 1523 Placid	04-04-85	Fire; cleaning solvent, which was sprayed on the compressor engine exhaust, resulted in a flash fire.	Extinguished	None	None
Ship Shoal Block 207 OCS-G 1523 Platform B Placid	04-06-85	Fire; gas escaping from a fuel gas injector stem packing was vented, but the venting system leaked and gas contacted the compressor exhaust manifold and ignited.	Ceased	None	None
South Marsh Island Block 99 OCS-G 4109 Platform A Exxon	04-14-85 a few s	Fire; a spark from a welder's cutting torch ignited gas in platform deck drain system.	Ceased	None	None
Chandeleur Area Block 25 OCS-G 4494 Platform A Getty	04-20-85 5 s	Fire; a bendix starter sparked upon engaging the compressor fly-wheel, causing a flash fire.	Ceased	None	None

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Main Pass Block 65 OCS-G 5692 Platform A Total	04-27-85	Fire; welding sparks ignited gas leaking during installation of a spool piece on the exit of the production header.	Ceased	None	3 injuries
Main Pass Block 305 OCS-G 1676 Platform A Marathon	04-28-85	Fire; a spark from a plug wire ignited gas released into the compressor building from a disconnected gas line.	Ceased.	None	1 injury
Ship Shoal Block 149 OCS 0434 Platform A Aminoil	05-04-85	Fire; while starting gas compressor, gas from the starter vent line ignited from contact with the exhaust system.	Extinguished	None	1 injury
Main Pass Block 108 OCS-G 4832 Platform #1 Kerr-McGee	05-05-85	Fire; vibration and old age allowed circuit breaker arcing and caused the aluminum buss bar to melt.	Ceased	None	Damaged circuit panel
East Cameron Block 272 OCS-G 2047 Platform C-Aux I Tenneco	05-20-85	Fire; oil tank gas vapors were ignited by the compressor exhaust.	Extinguished	None	None
West Delta Block 79 OCS-G 1449 Platform A Marathon	05-21-85	Fire; bearing failure on turbine generator allowed oil leakage and turbine shaft to break, causing oil to ignite inside the tail pipe when it separated.	Ceased	None	None
Ship Shoal Block 198 OCS 0593C Platform Unknown Tenneco	05-26-85	Fire; slag from a cutting torch fell down onto the middle deck and ignited a 500-gal methanol tank.	Chemically extinguished	None	Unknown

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 198 OCS 0593C Platform F Tenneco	06-21-85	Fire; slag from a cutting torch ignited an empty methanol drum.	Extinguished	None	None
Eugene Island Block 349 OCS-G 2322 Platform A Marathon	06-29-85	Fire; oil from the flare boom blew back onto platform and was ignited from the exhaust of a generator.	Ceased	None	1 minor injury. \$400,000 damage
Main Pass Block 153 OCS-G 1967 Platform B Shell	07-10-85	Fire; leak on glycol reboiler relief valve saturated insulation with glycol, and reboiler's heat caused spontaneous combustion of glycol.	Extinguished with water	None	None
West Delta Block 073 OCS-G 1083 Platform A Exxon	07-15-85	Fire; gas leaking from fuel line flange was ignited by torch during cutting operations.	Dry chemical extinguisher	None	None
East Cameron Block 221 OCS-G 5383 Platform A Amoco	07-30-85	Fire; while a test separator was being bled, gas in the flare line ignited from an unknown source.	Ceased	None	None
Ship Shoal Block 214 OCS 0828 Platform F Kerr-McGee	08-04-85	Fire; an improperly sealed flame arrester to a heater-treater ignited ingested gas.	Dry chemical extinguisher and seawater	None	Minor damage
Chandeleur Area Block 25 OCS-G 4494 Platform C Texaco	08-06-85	Fire; when a compressor was being restarted, gas was blown on the hot exhaust by vent lines, causing ignition.	Extinguished with water	None	Minor damage to compressor

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
East Cameron Block 321 OCS-G 2061 Platform A Marathon	08-08-85	Fire; oil seeping from the lubricating hoses ignited on the hot compressor discharge, after the TSH on the compressor failed to activate.	Dry chemical extinguisher	None	Minor damage to compressor
Vermilion Block 37 OCS-G 3774 Platform A Diamond Shamrock	08-21-85	Fire; a lubricating line that connected pumps to mechanical seals ruptured, and oil sprayed onto electrical motors and switches causing a fire.	Ceased	None	Damage to pump motors
Grand Isle Block 37 OCS 0392 Platform R Chevron	08-22-85	Fire; a leak developed on a flange of the heat exchanger on the dehydration system above the compressor building causing the drip pan to overflow, spill fluid on the compressor exhaust, and ignite.	Dry chemical extinguisher	None	Damage to compressor
West Delta Block 71 OCS 0838 Platform O Well 0-6 Drilling Conoco	08-23-85	Fire; carbon deposits in the muffler system of the motor unit ignited when the cooling system thermostat became stuck in the closed position.	Unknown	None	Electrical damage to engine
High Island Block A-595 OCS-G 2721 Platform CF Mobil	08-27-85	Fire; a welder was removing decking near the crane controls on the generator deck when a paint thinner drum on a lower deck ignited.	Fire watch	None	1 injury, minor damage.
West Cameron Block 543 OCS-G 2010 Platform A Kerr-McGee	09-01-85	Fire; a generator was restarted and frozen bearings heated, causing ignition of associated wiring.	Ceased	None	Minor damage

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Main Pass Block 153 OCS-G 1967 Platform B Shell	09-03-85	Fire; an engine was being cranked when gas escaping from the shaft of one of three gas-driven starters was apparently ignited by sparks from the starter bendix and engine flywheel.	Ceased	None	None
Vermilion Block 331 OCS-G 2572 Platform A Marathon	09-04-85	Fire; a glycol leak developed at the piping tie-in to the glycol dehydration unit's reboiler, causing ignition.	Unknown	None	Minor damage
Ship Shoal Block 198 OCS 0593 Platform C Tenneco	09-16-85	Fire; fuel gas valve to compressor was accidentally opened, and fuel gas feeding into system and compressor vent line was ignited by welding slag.	Unknown	None	None
High Island Block A-596 OCS-G 2722 Platform E Mobil	09-23-85	Fire; welder burned through wall of motor control building, causing welding arc to ignite building contents.	Dry chemical extinguishers	None	Damage to engine filters, work vests, and wiring.
Vermilion Block 261 OCS-G 3328 Platform A Tenneco	10-01-85	Fire; compressor blowdown line was struck by electrical storm, and leaking vapors from the blowdown valve were ignited by the line.	Extinguished	None	None
West Cameron Block 570 OCS-G 5188 Platform B Mark	10-03-85	Fire; the No. 2 generator caught fire.	Dry chemical extinguishers	None	Damage to generator
Vermilion Block 331 OCS-G 2572 Platform A Marathon	10-03-85	Fire; casinghead gas compressor was shut in, and leaking flange caused a fire at turbo-charger exhaust.	Ceased	None	None

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Main Pass Block 306 OCS-G 1677 Platform E Marathon	10-04-85	Fire; gas was leaking through a 2-in connection on the production sump and a spark from welding operations ignited the gas.	Fire watch used dry chemical extinguisher	None	None
East Cameron Block 265 OCS-G 0972 Platform A Texaco	10-14-85	Fire; electrical fire began at the breaker box to the generator.	Dry chemical extinguishers	None	Minor damage to breaker box
South Pass Block 37 OCS 0697 Platform B Texaco	10-17-85	Fire; welders were cutting a line with a torch near the crane base and sparks were seen dropping through the wooden main deck several hours later.	Extinguished with water	None	Minor damage to wooden deck
Grand Isle Block 22 OCS 0031 Platform U Exxon	10-18-85	Fire; a cooler fan pump on the solar enclosure developed a small crack and oil sprayed over the combustion chamber, causing ignition.	Dry chemical extinguisher	None	None
Vermilion Block 397 OCS-G 3141 Platform A Mesa	10-20-85	Fire; an LSL was set too low on the skimmer, and vapors were ignited by the hot surfaces on the heat exchanger.	Dry chemical extinguishers	None	Unknown
South Timbalier Block 54 OCS 0019 Platform A Exxon	10-24-85	Fire, explosion; a piston was replaced in the compressor engine and when mechanics re-started the compressor, the crank-case pressure relief plate blew off, resulting in a fire and injury.	Dry chemical extinguishers	None	1 injury; minor damage to compressor
High Island Block A-568 OCS-G 2716 Platform A Marathon	10-26-85	Fire; silicone caulking around exhaust pipe to generator building overheated, causing ignition.	Dry chemical extinguishers	None	None

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 246 OCS-G 1027 Platform A CNG	10-30-85	Fire; flash fire of undetermined origin occurred at compressor electric motor.	Unknown	None	Unknown
West Cameron Block 643 OCS-G 2241 Platform A Tenneco	11-08-85	Fire; small gas pocket rising from drain lines ignited during the cutting of bolts and removing of flow line.	Extinguished	None	None
West Cameron Block 173 OCS 0759 Platform F Tenneco	11-27-85	Fire; pinhole leak developed in oil line leading to compressor, and oil spilled on hot engine.	Extinguished	None	None
West Cameron Block 648 OCS-G 4268 Platform A Well No. A-1 Sun	12-03-85 to 01-20-86	Blowout, gas, fire; occurred during workover operations. Fire occurred 12-07-85 and burned until 12-31-85. Well was killed on 01-20-86. <u>A/E/</u>	Closed annular and pipe rams. Shut in platform wells. Evacuated platform. Pumped water into structural casing in an attempt to extinguish the fire. Two relief wells were being drilled when the well was killed after pumping 40 bbl of cement.	None	3 minor injuries; workover rig and well bay area were destroyed.
South Timbalier Block 131 OCS 0457 Platform J Chevron	12-03-85	Fire; natural gas flowed through the carburetor and was ignited by electrical wiring of generator.	Ceased	None	Minor damage to equipment
Ship Shoal Block 223 OCS-G 1526 Platform B ODECO	12-19-85	Fire; crude oil, sprayed from a leaky flange on the pipeline pump's pulsation dampener, was ignited by the hot exhaust manifold of the gas compressor engine.	Dry chemical extinguisher	None	Unknown

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 209 OCS 0827 Platform G Union	12-27-85	Fire; gas fumes in deck drain were ignited by welding slag.	Dry chemical extinguisher	None	None
East Cameron Block 66 OCS-G 4417 MODU, <i>Mr. Demp</i> Samedan	12-28-85	Fire; natural gas fumes from the water drains were ignited by the heat from a clothes dryer. An employee suffered minor burns when he entered the living quarters and the dryer burst into flames.	Unknown	None	1 minor injury
Main Pass Block 290 OCS-G 1667 Platform A Shell	12-30-85	Fire; when a com- pressor was being started, sparks from the starter bendix engaging the flywheel apparently ignited natural gas leaking from a loose pipe union.	The starter gas was shut off.	None	None
East Cameron Block 321 OCS-G 2061 Platform A Marathon	01-13-86	Fire; hot slag fell from welding opera- tion into diesel in a drain trough, re- sulting in ignition.	Dry chemical extinguisher	None	None
Ship Shoal Block 182 OCS-G 3998 Platform A Mobil	01-17-86	Fire; a pipeline pump was airlocked and the bypass line from the suction to discharge line vibrated loose. Oil sprayed onto the exhaust, seeped behind the insulation adjacent to the spark arrester, and ignited.	Dry chemical extinguisher and water	None	Minor damage
Ship Shoal Block 98 OCS-G 5542 Platform 1 Chevron	01-18-86	Fire; a brake assembly over- heated, causing ignition of a rope and rags.	Dry chemical extinguishers	None	Unknown

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
West Cameron Block 643 OCS-G 2241 Platform A Tenneco	01-21-86	Fire; a crane was moved to a lower deck, and slag fell from welding operations at a higher level into the crane's cab, igniting the seat.	Extinguished	None	Minor damage to crane
South Timbalier Block 196 OCS-G 1265 Platform A Tenneco	02-02-86	Fire; during an attempt to start a generator engine, gas used in starter was ignited by sparks.	Ceased	None	None
Ship Shoal Block 207 OCS-G 1523 Platform D Placid	02-07-86	Fire; gas leaking from a broken valve cover gasket on the compressor cylinder contacted the exhaust manifold and ignited.	Dry chemical extinguisher	None	None
Brazos Block 132 OCS-G 2664 Platform A ARCO	02-11-86	Fire; an inoperative generator engine was restarted and ran approximately 3 min, when sparks and fire erupted from the generator case.	Dry chemical extinguisher	None	Damage to generator
Brazos Block 17 OCS-G 2658 Platform A Tenneco	02-12-86	Fire; welding slag was blown by strong winds over the boat landing and natural gas from a gas driven saltwater pump was ignited.	Closed gas supply valve; extinguished with a dry chemical extinguisher.	None	None
South Pass Block 75 OCS-G 5051 Platform A Conoco	02-19-86	Fire; a piston failed in a pump, allowing oil-based mud to leak past the piston, spray into the air and into the commutator of an electric motor, and ignite.	Dry chemical extinguishers	None	Damage to electric motor and wiring
South Pass Block 89 OCS-G 1618 Platform B Marathon	02-27-86	Fire; a sight glass nipple on the suction scrubber on the production deck broke at the threads. The discharged gas was ignited and the gas compressor was damaged.	The ESD system shut in all wells. The water deluge and fire hoses cooled the area until the fire was extinguished.	None	Damage to compressor

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 204 OCS-G 1520 Platform B Drilling Cyclops	03-02-86	Fire; fuel injection line to engine separated, fuel contacted the engine and ignited.	Dry chemical extinguisher	None	None
East Cameron Block 321 OCS-G 2061 Platform A Marathon	03-07-86	Fire; turbocharger ignited gas that leaked from a fuel valve to a gas compressor.	Dry chemical extinguisher	None	Minor damage to compressor
Main Pass Block 305 OCS-G 1676 Platform C Marathon	03-19-86	Fire; welding machine arced during welding and grinding operations, resulting in a fire.	Fire watch with dry chemical extinguisher	None	Damage to welding machine
East Cameron Block 222 OCS-G 2037 Platform A Amoco	03-23-86	Fire; suction scrubber leak at gas compressor caused ignition.	Dry chemical extinguisher	None	Minor damage to compressor
Mississippi Canyon Block 280 OCS-G 3818 Platform A Exxon	03-25-86	Fire; compressor was being restarted, and when starter button was actuated a fire ignited near the automatic valve on gas starter line.	Extinguished by closing automatic valve	None	None
West Delta Block 70 OCS 0182 Platform L Conoco	03-31-86	Fire; while a pump engine was being started, supply gas escaped from a vent hose, penetrated the top deck, and ignited. Liquids in the pump's drip pan also ignited. Arcing caused ignition.	Dry chemical extinguishers	None	None
West Delta Block 133 OCS-G 1106 Platform B Taylor	04-20-86	Fire; during repositioning of a methanol transport tank, the drain valve was damaged by impact with a guardrail. Methanol spilled onto the generator building roof and engine exhaust.	Unknown	None	Damage to generator and quarters

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Timbalier Block 27 OCS-G 1442 Platform E Tenneco	04-22-86	Fire; gas leaked from packing of gas compressor cylinder and ignited when contacting the engine exhaust turbo-charger.	Dry chemical extinguishers and water	None	Minor damage to compressor
Eugene Island Block 322 OCS-G 2113 Platform A Amoco	04-22-86	Fire, explosion; when an ambitrol storage tank was being installed, welding operations above the tank ignited vapors, causing an explosion.	Unknown	None	1 injury, minor damage to tank.
Ship Shoal Block 216 OCS-G 1524 Platform WG No. 1 Placid	04-24-86	Fire; while a gas generator's magneto was being worked on, the engine was turned over. Sparks from exposed spark plugs ignited gas that vented from starter exhaust line.	Unknown	None	Minor damage to generator
Ship Shoal Block 229 OCS 0830 Platform B Kerr-McGee	05-21-86	Fire; switcher was trying to relight glycol reboiler and ignition occurred in a pneumatic control safety panel.	Dry chemical extinguisher	None	Minor damage to panel
Ship Shoal Block 208 OCS-G 1228 Platform H Union	06-10-86	Fire; the head gasket to gas compressor leaked; pressure from the leak propelled a head bolt against a beam in the compressor building. Leaking gas was ignited by sparks from bolt.	Dry chemical extinguisher	None	None
Ship Shoal Block 214 OCS 0828 Platform A Kerr-McGee	06-15-86	Fire; when the well was being unloaded into the test separator, safety sensors were out of service, and gas vented from the separator into the flare scrubber. Static discharge ignited the vented gas.	Dry chemical extinguisher	None	None
West Cameron Block 173 OCS-G 0759 Platform F Tenneco	6-30-86	Fire; when a compressor was re-started, oil dripped on exhaust and ignition occurred.	Extinguished	None	None

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Timbalier Block 22 OCS 0165 Platform C Tenneco	06-30-86	Fire; welding operations on the top production deck caused slag to fall from the top deck to the cellar deck and ignite natural gas that vented from the LSL on the gas scrubber.	Fire watch with dry chemical extinguisher	None	None
West Cameron Block 648 OCS-G 4268 Platform A Sun	07-15-86	Fire; during cutting operations, hot slag dropped into a basket with 8 acetylene bottles that were on a piece of plywood. Slag ignited the plywood and melted plugs on the acetylene bottles.	Fire water system and seawater	None	Minor damage
Ship Shoal Block 182 OCS-G 3998 Platform A Mobil	07-28-86	Fire; a crack in a pipeline pump discharge line released oil spray onto the engine exhaust manifold, and oil migrated between the insulation and hot piping, causing ignition.	Dry chemical extinguisher	None	None
Ewing Bank Block 305 OCS-G 4254 Platform A Conoco	08-05-86	Fire; exhaust piping of cuttings burner developed a pinhole leak that caused ignition of exhaust insulation.	Dry chemical extinguisher	None	Minor damage to exhaust
High Island Block A-570 OCS-G 2390 Platform A Exxon	08-17-86	Fire; bearings overheated in the electric motor on the LACT pump causing ignition.	Power was disconnected and a dry chemical extinguisher was used.	None	Minor damage to pump motor
Eugene Island Block 252 OCS-G 0983 Platform B Chevron	08-21-86	Fire, explosion; an employee was emptying a plastic of condensate into a sump when static electricity built up on the bucket, arced to the tank, and ignited the vapors.	Extinguished	None	1 injury; minor damage.

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ewing Bank Block 305 OCS-G 7917 Platform A Conoco	08-25-86	Fire; heat from exhaust piping of cuttings burner ignited the exhaust insulation.	Dry chemical extinguisher	None	Minor damage to exhaust
Ship Shoal Block 207 OCS-G 1523 Platform A Placid	08-28-86	Fire; the operator was making an inspection and noticed flames at a compressor cylinder inspection plate.	Extinguished when the compressor was shut down.	None	Unknown
West Cameron Block 648 OCS-G 4268 Platform A Sun	09-02-86	Fire; leaking gas from flange seal of sump pile was ignited by sparks from welding operations.	Dry chemical extinguisher	None	Minor damage to sump pile
Bay Marchand Block 3 OCS 0370 Platform FF Chevron	09-03-86	Fire; while a plate on a grating was being cut with a torch, slag fell through the grating and ignited gas leaking from 2 flanges on a gas lift line.	Dry chemical extinguisher	None	None
East Cameron Block 321 OCS-G 2061 Platform A Marathon	09-07-86	Fire; operator tried to shut down gas compressor and engine backfired.	Dry chemical extinguisher	None	None
Vermilion Block 246 OCS-G 1147 Platform D Tenneco	09-15-86	Fire; valve cover gasket to generator engine leaked and sprayed onto exhaust manifold, causing ignition of the oil.	Dry chemical extinguisher	None	Minor generator damage
West Cameron Block 551 OCS-G 2555 Platform A Chevron	09-17-86	Fire; a sandblasting company used air filters to protect a compressor from the sand but did not remove the filters. When the generator was started, heat ignited the filters.	Unknown	None	Damage to compressor

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ewing Bank Block 305 OCS-G 4254 Platform A Conoco	09-25-86	Fire; heat from exhaust piping of drilled cuttings burner ignited piping insulation.	Dry chemical extinguisher	None	Minor damage to exhaust
Galveston Block 393 OCS-G 3741 Platform C Tenneco	10-12-86 a section of	Fire; wind caused a protective tarpaulin to contact uninsulated housing on a compressor engine exhaust pipe flange, causing ignition.	Fire extinguishing system	None	None
Grand Isle Block 37 OCS 0392 Platform CO Chevron	10-19-86 packing on a	Fire; gas seeped through the rod cylinder and the gas ignited when the exhaust flange gasket leaked.	Dry chemical extinguishers	None	Minor damage to compressor
South Timbalier Block 52 OCS-G 1241 Platform A Chevron	10-29-86	Fire; compressor cylinder packing leaked gas when the cylinder became worn, causing ignition from an unknown source.	Dry chemical extinguisher	None	Damage to compressor
West Cameron Block 71 OCS 0244 Well No. 12 Mobil	11-10-86 2 to 3 min	Blowout, gas, explosion, fire; pipe parted during snubbing workover operations. Escaping gas ignited on top deck. <u>A/E</u>	Closed master valve	None	2 fatalities, 1 injury.
Grand Isle Block 23 OCS 0034 Platform T Exxon	12-05-86	Fire; welding slag fell on tarpaulin, causing ignition.	Fire water system	None	Minor damage
Grand Isle Block 40 OCS 0128 Platform F Conoco	12-07-86 low pressure	Fire; a clutch plate slipped on a power takeoff unit for pump, causing heat build-up near the clutch and subsequent ignition of grease near the clutch.	Dry chemical extinguisher	None	None

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
East Cameron Block 338 OCS-G 2063 Platform A Sun	12-09-86	Fire; after burning trash in a burn basket, the basket was placed near a hand rail and refilled with trash. Wind re-ignited the trash 45 min later.	Extinguished	None	None
High Island Block A-570 OCS-G 2390 Platform A Exxon	01-02-87	An electric motor used to drive an LACT unit charge pump overheated, causing a plastic cooling fan to melt and melt and ignite.	Auto-emergency shutdown system activated, extinguished using dry chemical unit.	None	\$300 damage.
Ship Shoal Block 182 OCS-G 1019 Platform C Tenneco	01-05-87	Gas was ignited by a leaking O-ring seal on the valve cap of the No. 4 cylinder discharge valve on the compressor. The flow between the valve cap and cylinder where the gas was escaping was believed to have caused spontaneous ignition.	The fire was extinguished immediately with a 30-lb unit.	None	Minimal damage.
Vermilion Block 331 OCS-G 2572 Platform A Marathon	01-05-87	A gas compressor backfired and ruptured an expansion joint that was insulated with asbestos. Gas fumes leaked through the expansion joint and ignited.	The resulting fire was extinguished immediately.	None	Minor damage
High Island Block 034 OCS-G 6137 Platform A Kerr McGee	01-07-87 5 min	Leaking gas from a supply hose ignited when it contacted a diesel exhaust system.	The platform emergency shutdown system shut in the well. Dry chemicals were used to extinguish the fire.	None	Damage was approximately \$10,000.
South Timbalier Block 054 OCS-G 0019 Platform A Exxon	01-10-87	An undetermined mechanical problem developed and the diesel engine threw a piston rod through the side of the engine block. Lubricating oil escaped through the hole and ignited on the exhaust manifold.	Extinguished with dry chemicals and CO ₂	None	\$1000 damage

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
High Island Block A-279 OCS-G 2403 Platform A Marathon	01-12-87	A flash fire on the gas compressor's exhaust manifold occurred when a welder heated broken bolts with a torch to remove them. The torch ignited undetected gas in the area.	Unknown	None	None
West Delta Block 32 OCS-G 0367 Platform A	01-17-87	A mechanic was using an electric drill to remove a broken stud on the base of a hydraulic fan. The drill motor arced and ignited gas in the area. A flash fire occurred and the employee suffered first and second degree burns.	N/A	None	1 injury
Ship Shoal Block 232 OCS-G 3413 Platform A Conoco	01-21-87	A change in the ambient temperature caused glycol in a separator to foam over. The glycol foam flowed through the fuel line that fed the burners of the reboiler. Some of the glycol spilled, burned in the skid pan, and scorched an electrical cable that crossed the pan. Simultaneously, glycol at the fire box melted the emergency shutdown plugs and shut in the platform.	The fire dissipated.	None	\$200 damage
High Island Block A-281 OCS-G 3377 Platform A Tenneco	02-02-87	Welding slag ignited a low-pressure gas leak from the stem packing of the crown valve.	The area was tested for natural gas and deemed secure before cutting and welding to replace grating on the top deck. Flowing wells were shut in according to welding and burning procedures. The fire was extinguished with a 30-lb unit.	None	None
Eugene Island Block 206 OCS-G 0806 Platform A Texaco	02-08-87 2 h	The dump valve to the oil heater treater was stuck open and liquid overflowed two oil-condensate tanks. It flowed onto the top deck and leaked to the second deck. The heat from the generator's exhaust on the second deck provided an ignition source for fluid. Several fires resulted throughout the platform on the first and second decks.	A pumper triggered the alarm. The platform was abandoned and two vessels sprayed the fire.	None	Extensive damage estimated at \$500,000 on both decks.

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 224 OCS-G 1023 Platform PP ODECO	03-11-87	The compressor fuel gas valve diaphragm developed a leak, enabling gas to seep into the compressor area. A fire occurred at the compressor engine but the specific ignition source was unknown.	Extinguished with a 30-lb unit.	None	None
South Timbalier Block 170 OCS-G 4237 Platform F Exxon	03-14-87	Apparently, internal static electricity built up inside of the air compressor air-oil separator and arcing occurred, ignition caused the paint on the exterior of the separator to ignite.	The unit was shut down and the fire was extinguished	None	Minor damage
Ship Shoal Block 207 OCS-G 1523 Platform A Placid	04-10-87	When installing a caisson to the electric saltwater pump, a welder was trimming it 5 ft from the drain line for the drip pan that was beneath the sump pump. Fumes that were emitted from the drip pan drain line were ignited by sparks from the torch, and moved to the sump tank, causing it to rupture and ignite.	The fire was extinguished with two 150-lb dry chemical units.	None	\$1,800 damage
Ship Shoal Block 208 OCS-G 1228 Platform E Union Oil of CA	04-29-87	A leak developed in the vacuum gauge to the fuel line of the portable gas generator. Gas leaking into the generator was ignited by the engine's magneto.	The fuel valve was closed and a dry chemical unit was used to extinguish the fire.	None	Damage was limited to the ignition system.
West Delta Block 109 OCS-G 2937 Platform A Texaco	05-02-87 2 h	A pipeline pump shutdown alarm sounded and automatically shut down all pipeline pumps. The alarm was triggered by a fire between the No. 1 and No. 2 pumps. The ignition source is unknown.	Closed the fire wall door and sounded the general alarm. Dry chemicals, foam, and seawater were used to control the fire until the generators went down. The platform was evacuated. An MV sprayed and extinguished the fire.	None	Damage to the pump room, main deck, compressors, parts building, and crane.

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
East Cameron Block 321 OCS-G 2061 Platform A Marathon	05-06-87	The gas compressor was being restarted and a cracked flange on the turbocharger allowed gas to escape, causing the fumes to ignite.	The fire dissipated rapidly.	None	Minor damage
North Padre Island Block 967 OCS-G 3218 Platform A ARCO	05-12-87	A pinhole leak existed upstream of the regulator to the platform fuel gas skid. A short in the heat tracing on the line ignited the fumes.	The platform was shut in with the manual ESD and the fire was extinguished with a 30-lb dry chemical unit.	None	The immediate area of the line leak was damaged.
High Island Block A-573 OCS-G 2393 Platform B Mobile	06-01-87	A stud in the pipeline pump discharge manifold broke, an O-ring blew out, and oil sprayed toward the pump engine. Oil penetrated the engine's exhaust piping and ignited.	The platform fire alarm was activated and the fire was extinguished with water spray and dry chemical units.	None	Estimated loss \$1,500.
West Cameron Block 540 OCS-G 2553 Platform A Marathon	06-03-87	Engine sparks ignited a rag located under the skid beam, during an attempt to start the No. 2 generator.	The fire was confined to the generator building and quickly extinguished with a CO ₂ unit.	None	None
Grand Isle Block 22 OCS-G 0031 Platform R Exxon	06-22-87	A platform operator saw a leaky connection on the diesel line of the hydraulic pump in the down-hole safety valve panel. He attempted to tighten the connection and the wrench slipped, causing a spark that ignited accumulated gas inside the panel.	The fire was extinguished with a portable unit.	None	1 injury, first- and second-degree burns to hands and face; damage was \$17,000.

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Vermilion Block 46 OCS-G 079 Platform 1 Mobil	07-16-87	A fire started when lightning ignited a crane supply gas hydraulic line.	The fire was extinguished with a hand-held 30-lb dry chemical extinguisher.	None	Damage to the crane
Vermilion Block 245 OCS-G 1146 Platform A Tenneco	07-17-87	Heat from the compressor engine exhaust ignited gas from the starter gas vent. The starter vent and the engine exhaust were determined to be too close.	N/A	None	Unknown
High Island Block A-570 OCS-G 2390 Platform A Exxon	07-24-87	A fire started when sparks or slag from a welder's cutting operation ignited acetylene leaking from the hose.	The ESD was actuated to shut in the platform, and the fire was extinguished with dry chemical units.	None	The oxygen/acetylene equipment were damaged.
Vermilion Block 245 OCS-G 1146 Platform C Tenneco	07-29-87	A flash fire resulted when hot slag fell from cutting operations below to the poly-flow supply line.	One of the two fire watches on duty extinguished the fire.	None	Unknown
South Timbalier Block 66 OCS 018 Platform D Exxon	08-11-87	A flash fire occurred while cleaning a pipeline. The line was filled with water and a pig was run through it. A block valve on a tee section was not closed and a pocket of gas accumulated. The gas was ignited by cutting torch operations.	The fire was extinguished by the water in the pipeline.	None	Unknown
Vermilion Block 250 OCS-G 1149 Platform C Tenneco	08-31-87	After checking the water content of condensate samples from the test separator, the last sample was dumped. It contacted the skid pan and ignited.	The fire was extinguished immediately with a 30-lb fire extinguisher.	None	Unknown

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Timbalier Block 54 OCS-G 0019 Platform G Exxon	09-08-87	Air supply failures on the platform caused a shutdown of surge tank pumps. The No. 2 pump re-started automatically before the operator noticed a rising fluid level in the surge tank. He began to shut-in the wells. The LSH tripped on the surge tank which started an automatic well and pipeline shut-down. Liquids overflowed from the surge tank and escaped through the flare. A fire ignited near the flare and spread onto the platform.	The fire was extinguished with a fire water system and a wheel-type dry chemical unit.	None	Unknown
Vermilion Block 46 OCS 0079 Platform 1 Mobil	10-01-87	After igniting a line heater with a burning rag and extension pole, the employee laid the pole down to extinguish the burning rag. The employee placed the burning rag near the 1-in line heater vent line. Gas leaking from an inoperative valve ignited and caused minor burns to his face and hands.	N/A	None	1 minor injury.
Ship Shoal Block 52 OCS-G 5532 Jack-up <i>Ram III</i> Texaco	10-13-87	A small flash fire occurred on the jack-up barge <i>Ram III</i> , which was being utilized as a work platform for well testing equipment. During the well test, a propane line of polyflow tubing to the flow-line heater apparently ruptured causing a flash fire.	Extinguished spontaneously	None	1 injury
West Cameron Block 576 OCS-G 2019 Platform A TXP Operating Co.	10-27-87	The ceramic coal-escers in the glycol reboiler still column were plugged allowing hydrocarbons to accumulate and overflow the column. The hydrocarbons ran under the insulation of the burner unit which caused ignition.	The fire was extinguished quickly.	None	Minor equipment damage
Ship Shoal Block 28 OCS 0012 Platform 11 Kerr McGee	11-02-87	Condensate that was trapped in the tubing was ignited by a cutting torch during permanent abandonment operations. The torch was used to separate tubing joints and this caused condensate trapped behind a tubing pack-off assembly to ignite.	N/A	None	Unknown

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
East Cameron Block 023 OCS-G 2853 Platform A Sonat Exploration	11-06-87	The strip-header wire contacted the 1/4-in subsurface tubing on the BPV sensor gas line as well as the instrument air control line. Arcing burned holes in the lines releasing gas, which ignited.	Extinguished immediately.	None	None
West Delta Block 71 OCS 0838 Platform O Conoco	12-08-87	After the solar turbine did not start on the first attempt following pipeline repairs, the maintenance operator and platform operator again tried to start the turbine. Flames then erupted from the exhaust stack and ignited the vent stack to the auxiliary motors and pumps.	N/A	None	Unknown
West Delta Block 71 OCS-0838 Platform M Conoco	12-15-87	The fire occurred when fuel injection tips broke and allowed excessive fuel into the generator engine and exhaust muffler. The diesel fuel ignited in the muffler causing the insulation to scorch and burn.	Essential repairs were made on the fuel injection system.	None	None
Eugene Island Block 190 OCS-G 3994 Penrod Rig 83 Forest Oil	12-21-87	A helicopter crashed into the bow leg of the <i>Penrod Rig 83</i> , fell onto the landing pad and ignited. <u>E/</u>	The fire was extinguished by the rig crew.	None	14 fatalities, 1 injury; helicopter destroyed, rig damaged.
West Delta Block 32 OCS-0367 Platform E Shell	12-26-87	Defective bearings caused a fire which destroyed the wiring on the LACT pumps.	Unknown	None	Unknown
West Delta Block 133 OCS-G 1106 Platform B Shell	12-30-87	An external fluid leak on a turbine lubrication line caused oil seepage between the turbine installation blankets and piping where the heat caused the oil to ignite. The fire was limited to the insulation area.	The fire was quickly extinguished with a 30-lb unit.	None	None

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Grand Isle Block 37 OCS-0392 Platform CO Chevron	01-06-88	A fuel gas valve in the compressor building leaked and an adjacent leaking flange on the No. 2 compressor caused ignition.	Extinguished with a 30-lb unit.	None	None
Galveston Block 393 OCS-G 3741 Platform C Tenneco	01-06-88	A gas leak apparently caused a flame on a gas generator.	Extinguished with a 30-lb fire extinguisher.	None	Unknown
South Timbalier Block 54 OCS-0019 Platform C Exxon	01-09-88	Superheated glycol leaked from a loose flange at a reboiler and reflux coil column connection. The glycol contacted the compressor exhaust and ignited. While restoring the glycol system to service, a surge of cold glycol entered the hot reboiler causing an internal flash to vent from the reflux coil column. This vented stream contacted the compressor exhaust and ignited.	Unknown	None	Minimal
High Island Block A-573 OCS-G 2393 Platform B Mobil	02-01-88	Oil sprayed from a failed O-ring on the No. 2 pipeline pump discharge manifold and the oil contacted the hot exhaust pipe of the No. 1 pipe line pump engine. A fire began and oil burned on the deck causing an acetylene bottle to explode.	Unknown	None	\$13,000 in platform and equipment damage.
Vermilion Area Block 23 OCS-G 2866 Platform A Mobil	02-05-88	When working on a compressor, the worker failed to replace a 3/8-in plug in the bottom of the starter. A worker tried to start the compressor and gas flowed through the hole in the starter into the compressor room resulting in an explosion.	N/A	None	None
Main Pass Block 92 OCS-G 1366 Platform A Mobil	02-19-88	When an operator was trying to re-ignite the uniflux heater he was looking through a peephole to check the pilot light. The air purge control valve apparently failed and excess gas was not purged. A flash fire and explosion caused first-degree burns to the face and back of the operator.	N/A	None	1 injury

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Vermilion Block 282 OCS-G 2084 Platform A Texaco	02-26-88	Starting fluid was sprayed into the carburetor. When a plug wire was removed, it contacted the engine block and created an arc that ignited vapors.	The fire quickly went out.	None	Unknown
South Timbalier Block 151 OCS 0463 Platform G Chevron	03-11-88	It appeared that a compressor fuel-valve gasket was cut and leaked fuel that was ignited by the ignition system. A flash fire began at a turbo assist connection of a compressor exhaust manifold. A TSE melted and the production facilities were shut in.	Extinguished with 30-lb chemical unit.	None	Damage was limited to the compressor area.
East Cameron Block 321 OCS-G 2061 Platform B Marathon	03-24-88	Two empty cardboard boxes that were left on top of the generator package were ignited by the muffler.	The fire was extinguished with a portable fire unit.	None	Unknown
West Cameron Block 180 OCS 0763 Platform G Tenneco	05-06-88	A welder was cleaning old welds from the back of a generator building with a torch. A small flash fire occurred when gas escaped from a generator that was being started.	Quickly extinguished with a 30-lb unit.	None	Unknown
Vermilion Block 331 OCS-G 2572 Platform A Marathon	05-07-88	A fuel valve failed during a gas compressor shutdown which caused natural gas to enter an intake manifold and turbocharger. Gas contacted the exhaust and caused ignition near the intake filters.	Extinguished with a 30-lb unit and a fire water hose.	None	Unknown
East Cameron Block 321 OCS-G 2061 Platform A Marathon	05-13-88	An injection pump exploded and caused a minor crankcase fire.	The fire was quickly extinguished with a portable unit.	None	Unknown

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Matagorda Island Block 686 OCS-G 3465 Platform A OXY Petroleum	05-19-88	The wet oil surge tank overflowed onto the electric condensate pumps and a fire started.	Unknown		Condensate pump area was damaged.
Vermilion Block 331 OCS-G 2572 Platform A Marathon	05-29-88	A compressor malfunctioned, back-fired, and caused ignition of fuel gas in the turbocharger and the air intake filters.	Extinguished quickly with portable units.	None	Unknown
Main Pass Block 030 OCS-G 4903 Platform A Texaco	06-08-88	A small fire near the filter housing of the instrument air compressor.	The power was turned off and the fire was extinguished with a portable dry chemical unit.	None	Approximately \$4,000 of property damage.
Ship Shoal Block 253 OCS-G 1031 Platform D Union	06-16-88 25 min	Pressure accumulated in the high pressure separator and blew the 4-in hammer cap from the separator end. Escaping gas from the separator was apparently ignited by a gas-damaged light fixture.	Extinguished with chemicals and water	None	Approximately \$75,000 in damages
South Timbalier Block 26 OCS-G 1870 Platform C Shell	06-16-88	Exhaust pipe heat in the compressor building ignited plywood that was installed above this exhaust.	The fire was extinguished and all combustible materials were separated from the hot exhaust.	None	Unknown
South Timbalier Block 171 OCS-G 1255 Platform D Exxon	06-17-88	Crankcase vapor gas from a gas compressor vent ignited near defective exhaust piping insulation.	The compressor was shut down and the fire was extinguished with a CO ₂ unit.	None	Unknown
East Cameron Block 38 OCS-G 2562 Platform A ODECO	07-02-88	Electronic telemetry indicated that an unmanned platform was shut in. Field personnel went to the platform and saw flames near the platform instrument gas system, possibly started by ignition of the emergency shutdown system bleed gas by lightning at shut in time.	Unknown	None	Minor damage

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
High Island Block 71 OCS-G 1812 Platform A Texaco	07-08-88	A fire on the still column of the glycol system was caused by gas from the still column spark arrestor	The spark arrestor was placed 5 ft over the still column.	None	Unknown
Grand Isle Block 22 OCS-0031 Platform P Exxon	07-21-88 1 min	The transmission housing to the cementing unit was punctured by an internal malfunction. Transmission fluid spilled on the overheated housing surface and caused a fire.	Extinguished by 2 dry chemical units.	None	Minor paint damage.
Vermilion Block 086 OCS 0172 Platform A Felmont	08-05-88 15 min	The flare boom was ignited by lightning.	Two platform workers quickly closed the flare dump valve and extinguished the fire.	None	None
Main Pass Block 144 OCS-G 1634 Platform B Chevron	08-15-88	Two acetylene bottles exploded on the platform.	N/A	None	3 injuries; minor damage.
Grand Isle Block 041 OCS 0129 Platform A Conoco	08-22-88	A small fire was discovered on the battery cables to the generator starter. Loose starter battery cables may have caused the fire.	Extinguished with a 30-lb unit.	None	Unknown
Main Pass Block 133 OCS-G 1633 Platform A Chevron	09-23-88 4 1/2 h	A fire was discovered and reported on this unmanned platform. The no. 3 packing gland nut on an oil pipeline pump had loosened and possibly allowed crude oil to leak past the plunger and accumulate on the deck while the pump was in operation. The investigating committee surmised that sufficient gas was emitted from the crude oil to form a combustible mixture, which was ignited by an unknown source. E/	6 fire fighting boats fought the fire with water spray.	None	The pipeline pump and header were severely damaged. The generator skid electrical control panel was completely destroyed. Est. damage was \$5.5 million.

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
West Cameron Block 163 OCS-G 5299 Platform 2 Corpus Christi Oil & Gas	10-11-88	Gas escaping from a cut flow line contacted a line heater and ignited.	The emergency shutdown system was activated and the fire ceased several hours later when the departing manual pipeline valve was closed.	None	Approximately \$225,000 damage to the scrubber, heater, instrument panel, and piping components.
Eugene Island Block 314 OCS-G 2111 Platform B Exxon	10-17-88	The production process equipment was drained of hydrocarbons when making major piping modifications. The 6-in flare line was disconnected and plugs were installed before welding. An explosion blew the plugs out of the flare line, resulting in a fire.	Unknown	None	4 injuries
Eugene Island Block 314 OCS-G 2111 Platform B Exxon	10-24-88	Welders were cutting a piping brace that was located above the glycol storage tank after the area was sprayed with a hose. Escaping gas from the pressure safety valve on this glycol storage tank was ignited by hot slag from the welding operations.	The fire was extinguished quickly with a fire water system.	None	1 injury
Eugene Island Block 333 OCS-G 2317 Platform A Pennzoil	01-02-89	A welder was sealing an overboard mud discharge line from the shale shaker, when a piece of hot slag fell into the sand trap under the shaker. Condensate in the trap ignited.	N/A	None	None
Matagorda Island Block 604 OCS-G 6037 No. 8 caisson ODECO	01-05-89	Vibration caused a short on a panel in the DC electrical system, which ignited.	The fire was extinguished quickly.	None	\$1,000 damage to the panel.
Garden Banks Block 236 OCS-G 2632 Platform A Chevron	01-23-89	A rupture occurred on the generator lube oil line to the rear bearing. Oil sprayed into the inside of the exhaust stack and caused ignition.	Extinguished with two 30-lb units.	None	None

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Eugene Island Block 129 OCS-G 0054 Platform CF Mobile	01-24-89 5 min	Fire; a pig was run through an oncoming high pressure pipeline. High distillate volumes entered the glycol system and saturated the glycol. Holes in the overhead still column leaked distillate and glycol onto the hot piping.	Extinguished with water and dry chemicals.	None	\$700 damage
Garden Banks Block 236 OCS-G 2632 Platform A Chevron	01-31-89	Mechanics were checking the gear box coupling to a turbine generator. Smoke came from an exhaust stack and the engine stopped when the oil pressure dropped. Oil leaked onto the exhaust and a small flame resulted on the rear bearing oil inlet.	Extinguished with a 30-lb unit.	None	None
Ship Shoal Block No. 198 OCS 0593 Platform H Chevron	02-16-89	An employee was trouble shooting a problem to a pipeline pump ignition system. A spark plug wire was loose and a flex hose to a starter exhaust leaked. The spark plug wire ignited the starter gas when the engine was turned over.	Extinguished with a 30-lb chemical unit.	None	1 injury, burns to hands and face.
South Pass Block 60 OCS-G 1608 Platform B ARCO	03-19-89 12 h	Contract personnel were working to install a pig trap on an 18-in pipeline. A cold cut was made at the +15 foot level and hydrocarbons sprayed through the cut to ignite. The fire burned the main structure and caused subsequent explosions when 6 pipelines ruptured due to the intense heat. <u>E/</u>	Activated the ESD. Fought the fire and rescued survivors with standby boats.	None	7 fatalities, 10 injuries; Platform B destroyed; MV <i>Bo-Truc</i> and associated equipment were extensively damaged.
Eugene Island Block 338 OCS-G 2118 Platform A Texaco Inc.	05-04-89	Fire; two pig traps from oil lines were removed and placed on the center of the top deck. Welders were cutting studs to flanges on the pig trap ends when a roustabout was removing studs to center flanges. Studs were removed to separate the center flanges. Spilled oil was ignited by hot slag.	Extinguished with dry chemicals and water.	None	Minor

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Eugene Island Block 158 Platform C OCS-G 1220 Shell	06-22-89	A fire started when a gas compressor was installed. A welder cut a high-pressure line that had been drained. A stopper that was in the line came out and the torch ignited the gas. The arms and face of the welder were burned.	The fire went out.	None	1 injury
West Cameron Block 238 Platform A OCS-G 2834 Atlantic Richfield	07-15-89	Oil and gas near the compressor skid ignited and the fire escalated.	Employees fought the fire with portable chemical extinguishers, then evacuated the platform and later sprayed water from fireboats until the fire was extinguished.	None	\$530,000 damage
Eugene Island Block 125 OCS 0051 Platform A Mobil	08-08-89	Casing pressure was bled from the well to a 210-bbl storage tank top. A fire started which burned the arm and face of a man who was monitoring the work from the tank top.	N/A	None	1 injury
South Timbalier Block 161 OCS-G 1248 Platform A Amoco	10-07-89	After making repairs to the pipeline riser on Platform C, the pipeline to Platform A was being dewatered. Water flowing from Platform C overpressurized and ruptured the vent scrubber on Platform A.	The fire could not be extinguished with the chemical fire fighting agents. All five personnel on board were evacuated by capsule and boat.	None	Damage was \$247,000
Main Pass Block 313 OCS-G 4127 Platform A Well No. A-6 Chevron	10-10-89	With the top of a perforating gun approximately 300 ft below the rotary table, the gun prematurely discharged when a 1" x 19" nipple connected to the fill up line broke at the elbow, fell down the tubing and hit the bar drop detonator. The gun detonated and was blown out of the hole along with three stands of 2 7/8-in tubing.	N/A	None	Damage to the rig blocks, pipe, elevators, derrick, and quarters building caused by the falling tubing.
Eugene Island Block 313 OCS-G 2608 Platform B Texaco	10-23-89	An internal explosion occurred in the gas compressor due to hydrocarbon/air mixture.	N/A	None	Damage to the compressor

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
West Delta Block 70 OCS 0182 Platform D Conoco	10-23-89	Fire; a construction crew was removing the 4-in compressor discharge piping. The piping was disconnected at both ends. The welder was cutting the vertical portion of the line so shorter sections could be removed safely. A small volume of distillate was trapped in this section. A small flash fire occurred as the trapped gas ignited and sprayed fire out of the hole, striking an employee on the right forearm and left leg.	The fire was extinguished immediately.	None	1 minor burn injury
High Island Block 110 OCS-G 2353 Well No. 10 Texaco	11-23-89	As the third and last master valve was being opened in preparation for the installation of the subsurface safety valve, an explosion occurred in the cementing room. A compressor in the adjoining room may have been the source of ignition. Source of gas may have been through a leaky or improperly closed wing valve where cementing lines attach to the well-head.	N/A	None	13 injuries
Eugene Island Block 273 OCS-G 0987 Platform A Forrest	11-27-89 5 min	Fire; an employee climbed on the gas cooler on a gas compressor to locate the source of the sound of escaping gas. When the gas was ignited by sparks from a hole in the muffler, he jumped from the cooler. He sprained his ankle, broke his left elbow, and received burns to his face and left arm.	Extinguished with a 30-lb chemical unit.	None	1 injury
East Breaks Block 159 OCS-G 2646 Platform A Union Exploration	12-31-89	The casinghead gas (low pressure produced gas) compressor shut down and backfired, igniting filter media on the air intake.	The small fire was immediately extinguished with a hand-held extinguisher.	None	None
Ship Shoal Block 198 OCS-G 0593C Platform I Chevron	01-26-90 15 min	A fire occurred when an upset in the skimmer tank forced excessive produced water and gas into the water treating unit, exceeding its capacity. Produced water in the water treating unit splashed on the 440 volt transformer causing it to short and ignite gas associated with the produced water.	Extinguished fire with chemical extinguishers and water.	None	Damage was \$4,100.

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Matagorda Island Block 651 OCS-G 6045 Platform A Brooklyn Union Exploration Co.	01-29-90	Wiring in the wall of the living quarters ignited.	Power was turned off and fire extinguished.	None	Minor damage
High Island Block 193 OCS-G 3237 Platform A Exxon	02-06-90 1 min	The fire occurred in the 200 KW gen- erator due to dirt buildup in the arm- ature winding. This buildup caused a hot spot resulting in insulation breakdown and electrical arcing.	Extinguished in less than 1 min using two 20-lb hand-held units.	None	Damage to armature assembly estimated at \$15,500
Ship Shoal Block 209 OCS-0827 Platform A Union Exploration	02-12-90	Flash fire occurred on the gas compres- sor when coolant fluid sprayed on the hot exhaust and ignit- ed. The cause was a leak from the No. 8 cylinder head lower water jumper. The gasket between the jumper and the cylinder head failed. This caused coolant fluid to spray on the hot exhaust.	Extinguished with dry chemical and water.	None	None
Eugene Island Block 384 OCS-G 3159 Platform A Union Texas Petroleum	02-25-90	Approximately 1/2 bbl of con- densate leaked from an inoperative sump pile and was ignited on the surface the water by hot slag from a welder's torch.	The fire pump was started and three light water hose reels were used to extinguish the fire.	None	None
West Cameron Block 556 OCS-G 5346 Platform A Amerada Hess Corporation	05-05-90	A small fire in the insulation of the glycol reboiler melted the fusible loop around the shell of the unit and shut in the platform production process with an ESD. Glycol and condensate residue had saturated the insulation through a 1-in collar in the top of the unit, which was not plugged after a re-insulation job. Heat from the unit ignited the condensate.	The fire was extinguished and the insulation was removed from the unit in the area affected.	None	None

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
High Island Block A-0302 OCS-G 2732 Platform A Union Exploration	05-13-90	An employee was performing maintenance on the glycol reboiler fuel system. He disconnected the 1-in fuel line to the reboiler burner and opened the supply gas valve to check for adequate gas pressure, neglecting to extinguish the pilot light. The pilot light immediately ignited the gas, resulting in a flash fire which burned his face and arm.	N/A	None	1 injury
Eugene Island Block 221 OCS-G 5502 Union	05-22-90 2 min	The rear main seal on a generator failed, allowing oil to spray on the armature.	Self-extinguished	None	None
Brazos Block A-52 OCS-G 6085 Samedan	07-05-90 30 min	Flaring gas was ignited by lightning. It was estimated that the fire burned for 15 to 30 min.	N/A	None	Minor Damage
West Cameron Block 266 OCS-G 2358 Platform A General Atlantic Resources, Inc.	07-26-90	Welders were making repairs to a drain line in the containment wall. Spent oil in the no. 3 compartment ignited.	Nitrogen system was activated, and the platform was shut in. 350-lb unit was used as a further precaution.	None	Minor
High Island Block A-370 OCS-G 2434 Oryx	07-31-90 1 min	A small fire ignited when turbocharger cooling oil leaked from a coupling on-to the hot exhaust. The safety system turned off the generator.	Personnel turned off the gas fuel input, and then extinguished the flame with a halon fire extinguisher.	None	None

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
East Cameron Block 109 OCS-G 8645 Platform A TRANSCO Exp. & Prod.	10-02-90	An explosion and fire occurred in the upper quarters module. The explosion propelled a contract cook out of the module. He struck the handrail and fell 10 ft to the main deck. He died 16 days later. The apparent cause was the migration and subsequent ignition of natural gas from the sump tank to the upper living quarters due to lack of liquid seals in the lavatory, shower, and commode water drain lines. On the day of the explosion, exhaust gas from the gas generator starter motor and a gas operated bladder pump was vented to the atmosphere through a vent line from the sump tank. <u>E/</u>	N/A	None	1 fatality; smoke and fire damage to upper quarters module.
South Pass Block 60 OCS-G 1608 Platform D Well No. D-10 Arco	10-09-90 1 h with drilling fluid. When flow occurred inside the tubing, a safety valve was stabbed into the tubing string. An explosion and fire (ignition source unknown) followed. <u>A/E/</u>	The tubing was being pulled after killing the well.	The tubing safety valve and the BOPs were closed, and the flow was stopped. The fire was extinguished in 1 h by spraying water from 2 work boats.	1/2 bbl oil	8 injuries; damage \$1,000,000.
West Cameron Block 609 OCS-G 2850 Platform B Mobil	10-13-90	Gas venting from a compressor crank-case was ignited by the engine's exhaust.	Platform was shut down by the fire loop.	None	None
Ship Shoal Block 356 OCS-G 5206 Platform A-4 Elf Aquitaine Operating, Inc.	10-23-90 2,396-ft. Gas migrating up the 16-in x 20-in annulus was ignited by a torch being used to cut a hole in the 16-in casing to drain mud above the wellhead.	The 16-in casing had been set and cemented at	Extinguished immediately with a water hose.	None	None

EXPLOSIONS AND FIRES

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Green Canyon Block 184 OCS-G 4510 Platform TWP Conoco	11-09-90	The discharge hose for the lube oil transfer pump came out of the reservoir tank for the B gas-lift compressor and the oil ignited. The probable ignition source was a gap in the insulation where the power turbine is attached to the gear box.	The ESD and the manual halon dump were pulled.	None	None
Matagorda Island Block 567 OCS-G 4700 Platform 1 Elf Aquitaine	12-13-90	The gas compressor caught fire. It was determined that the wastegate gasket had blown and that natural gas had been released.	The ESD shut in the platform.	None	None

TABLE 2-C
ACCIDENTS ASSOCIATED WITH OIL AND GAS OPERATIONS
ON THE OUTER CONTINENTAL SHELF,
GULF OF MEXICO

PIPELINE BREAKS OR LEAKS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Damage to Property or Environment, Location
Main Pass Block 42 OCS-G 1367 Chevron	02-07-67	Pipeline leak, cause unknown. <u>D/</u>	Line shut in and repaired	65 bbl oil	No recorded environmental damage
West Delta Block 73 OCS-G 1083 Humble Pipeline	10-15-67 to 10-27-67	Pipeline leak, caused by anchor dragging. <u>D/E/</u>	Line shut in and repaired	160,638 bbl oil	No recorded environmental damage
South Timbalier Block 131 OCS 0457 Gulf	03-12-68	Pipeline break, caused by anchor dragging. <u>D/E/</u>	Line shut in and repaired	6,000 bbl oil	No recorded environmental damage
South Timbalier Block 44 Pipeline from S. T. 131, 135, and 176 flds. to B. M. Sta. Gulf	01-24-69 to 01-30-69	Pipeline leak, probably caused by pigging. <u>D/</u>	Line repaired	Est. over 100 bbl oil	No recorded environmental damage
Ship Shoal Block 214 OCS 0828 Production facilities Kerr-McGee	02-10-69	Pipeline leak due to an abrasion. <u>D/E/</u>	Well shut in, pipeline repaired.	342 bbl oil	No recorded environmental damage
Main Pass Block 299 OCS-G 1316 Chevron	02-11-69 to 02-16-69 <u>D/E/</u>	Pipeline leak, caused by anchor dragging.	Line shut in and repaired	7,532 bbl oil	No recorded environmental damage
Ship Shoal Block 216 OCS-G 1524 Well No. 4 Placid	08-10-69	Flowline break, cause unknown. <u>D/</u>	Safety valve shut in well	50 bbl oil	No recorded environmental damage

PIPELINE BREAKS OR LEAKS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Damage to Property or Environment, Location
South Pass Block 27 OCS 0694 Platform V Shell	05-31-70	Pipeline leak, cause unknown. <u>D/</u>	Pipeline shut in	50 bbl oil	No recorded environmental damage
Ship Shoal Block 253 OCS-G 1031 Well No. A-1D Union	05-26-71	Sand eroded flowline near wellhead <u>D/</u>	Well shut in	75 bbl oil	No recorded environmental damage
West Delta Block 29 OCS 0385 Chevron	11-14-71	Pipeline parted due to a dragged object. <u>D/</u>	Wells shut in (spill boom deployed)	70 bbl oil	No recorded environmental damage
Eugene Island Block 238 OCS-G 0982 Platform C Gulf	12-18-71	Pipeline rupture, caused by anchor dragging. <u>D/</u>	Safety system shut all wells except C-8, which was manually shut.	80 bbl oil	No recorded environmental damage
West Delta Block 79 OCS-G 1874 Gas gathering line connecting platform A, B, C, and D Signal	06-13-72	Leak in 12-in gathering line developed from internal corrosion. <u>D/</u>	Repaired leak in line	100 bbl oil	No recorded environmental damage
West Delta Block 73 16-in pipeline to Grand Isle Block 16 Exxon Pipeline Co.	05-12-73	Several small leaks discovered. Internal corro- sion. <u>D/E/</u>	Line repaired	Over 5,000 bbl oil	No recorded environmental damage
Eugene Island Block 317 Bonita Pipeline Pennzoil	04-17-74	Break in pipeline, most probably caused by anchor dragging across it. <u>D/E/</u>	Pipeline shut in and repaired	19,833 bbl oil	No recorded environmental damage

PIPELINE BREAKS OR LEAKS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Damage to Property or Environment, Location
Eugene Island Block 331 OCS-G 2116 Platform A 12-in oil pipeline Shell	05-21-74	Storm caused a derrick barge to drift, allowing it to drag its anchor across the pipeline, breaking the riser loose from the platform. <u>D/</u>	Pipeline shut in and repaired	65 bbl oil	No recorded environmental damage
Main Pass Block 73 Cobia Pipeline Shell	09-11-74	Pipeline broken by hurricane. Oil was pumped into the line before break was discovered. <u>D/E/</u>	Pipeline shut in	3,500 bbl oil	Beaches and shallow water in the Chandeleur Island area were cleaned up.
South Timbalier Block 130 OCS 0456 Platform D Gulf	02-29-76	Several leaks caused by internal corrosion were discovered in the line. <u>D/E/</u>	Line was repaired	414 bbl oil	No recorded environmental damage; 18-in gathering line from Platform D to Bay Marshand Shore Facility.
Eugene Island Block 297 Tie-in of Placid's 10-in pipeline with Pennzoil's Bonita pipeline	12-18-76	A shrimp trawl pulled a 1-in ball valve loose. <u>D/E/</u>	Valve was repaired	4,000 bbl oil	No recorded environmental damage
South Pass Block 37 OCS 0697 Platform C Texaco	03-29-77	Mud slide caused the rupture of a 12-3/4-in line <u>D/E</u>	N/A	250 bbl oil	N/A
Eugene Island Block 330 OCS-G 2115 Bonito 14-in oil/condensate pipeline Pennzoil	06-05-77	Pipeline rupture, caused by anchor dragging. <u>D/</u>	Pipeline shut in	50 bbl oil	No recorded environmental damage

PIPELINE BREAKS OR LEAKS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Damage to Property or Environment, Location
Main Pass Block 144 OCS-G 1634 Chevron	10-18-77	The 8-5/8-in oil pipeline from MP 144 to MP 69 developed a large leak caused by an anchor. <u>D/E/</u>	Pipeline shut in	300 bbl oil	No recorded environmental damage
Grand Isle Block 81 OCS-G 1986 Platform A JFD Inc.	04-08-78	A daspit clamp on a departing 8-5/8-in pipeline parted. <u>D/</u>	Pipeline shut in	135 bbl oil	No recorded environmental damage
Eugene Island Block 215 OCS-G 0578 Platform B Amoco	07-17-78	A large leak developed in the 8-5/8-in pipeline leaving the platform. <u>D/</u>	Line was repaired	900 bbl oil	No recorded environmental damage
South Pass Block 65 OCS-G 1610 Shell	07-15-79	Pipeline separated when a workboat was searching for a lost rig anchor. <u>D/</u>	Damaged section was replaced	50 bbl oil	No recorded environmental damage
Eugene Island Block 256 OCS-G 2102 Platform A Pennzoil	01-29-80	Pollution; trawl net caused a break in pipeline at a tie-in. <u>D/</u>	Replaced 1-in nipple on valve	100 bbl condensate	About 500 ft from Platform A
Ship Shoal Block 118 OCS 0068 Platform E ODECO	08-05-81	Pollution; internal corrosion caused a 4-in pipeline to rupture. <u>D/</u>	Replaced section of pipe	80 bbl oil	Pipeline from E Platform to SOB header
South Pass Block 60 OCS-G 1608 Platform A ARCO	12-11-81	Pollution; anchor from motor vessel caught on 8-in pipeline. <u>D/E/</u>	Replaced riser and section of pipe	5,100 bbl oil	Pipeline from SP 60A to SP 70C
West Delta Block 109 OCS-G 2937 Platform A Texaco	01-20-83	Pollution; mud slide caused damage. <u>D/</u>	Repairs were made	80 bbl oil	About 500 ft from Platform A

PIPELINE BREAKS OR LEAKS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Damage to Property or Environment, Location
South Pass Block 62 Pipeline ROW OCS-G 1294 Shell	02-16-85	Pollution; buried pipeline had a hole in the concrete coating and a circumferential crack. Damage was thought to have occurred on the original construction and digging. <u>D/E/</u>	Clamp installed	320 bbl oil	Loss of 14 birds: ducks, gulls, and loons. Beaches cleaned up.
Eugene Island Block 51 OCS 0078 Platform B Mobil	11-09-85	Pollution; a spud barge punctured a hole in the line 1-1/4 miles from Platform B. <u>D/</u>	Replaced a section of pipe	50 bbl oil	Pipeline from Platform B
Ship Shoal Block 94 OCS-G 1983 Platform A Conoco	02-03-86	Pollution; a 6-in oil pipeline parted for unknown reasons. <u>D/</u>	Platform shut in. Fast response unit was activated.	119 bbl oil	Pipeline SS 94A to SS 145B
South Pass Block 65 OCS-G 1610 Platform A Shell	12-30-86	A pipeline between platforms SP 65-A and SP 62-A leaked. The cause is thought to be either anchor dragging or initial construction damage. <u>D/E/</u>	The leaking section of pipe was cut out and replaced using two hydrocouplers.	210 bbl oil	External pipeline damage
Galveston Block 2-A OCS 0732 Amoco	02-07-88	A ship dropped an anchor and dragged it along the bottom. A pipeline that was buried 3 ft was picked up by the anchor to 8 ft above the mud line and ruptured. <u>D/E/</u>	Pipeline was shut in and repaired by installing a 40 ft section of pipe with a gripper type connection with ball joint flanges on both ends. The line was then reburied 3 ft below the mud line and was returned to service.	15,576 bbl oil	Damage \$250,000
Ship Shoal Block 281 OCS-G 5567 Shell	01-24-90	A 2-in valve connected to a 4-in reducing tee was snagged by a fishing net or a boat anchor. <u>D/E/</u>	A cap was welded over the 2-in opening and sand bags were placed over the top of the 4-in pipeline tie-in.	14,423 bbl condensate	South Timbalier Block 300 Platform A to Ship Shoal Block 241 Platform A

PIPELINE BREAKS OR LEAKS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Damage to Property or Environment, Location
Eugene Island Block 314 OCS-G 2111 Exxon	05-06-90 on an 8 5/8-in spool piece on Exxon's subsea tie in to Texaco's 20-in EIPS was apparently pulled from the threadolet by a trawl net. <u>D/E/</u>	Pipeline leak; a 1-in valve protruding from a threadolet	Deployed Clean Gulf Associates Fast Response Unit. Shut down EIPS. Divers and surveying equip- ment were dispatched. Removed section containing the bro- ken valve and blind-flanged the ends of the pipe remaining on the sea floor.	Exact volume is unknown. Probably 4,569 bbls.	No recorded environmental damage. EIPS Segment No. 4030
Ship Shoal Block 253 OCS-G 1031 Unocal	12-06-90 perform operations at Unocal's Platform A. One leg was set on a 20-in Trunkline Pipeline Co. gas line, rupturing the line. A large gas boil appeared at the surface.	The jackup rig <i>Marine 303</i> was being positioned to	The pipeline was shut-in between Ship Shoal Blocks 274 and 139 (35 miles). The rupture near Platform A was repaired.	None	Replaced 20 ft of 20-in pipe.
Ship Shoal Block 198 OCS 0593 Platform H Chevron	12-20-90	The trawler <i>Lonely Nights</i> snagged a 6 5/8-in pipeline causing a break.	All platforms using the pipeline were shut in. A fast response unit was on standby but was not needed because the oil was dissipated by wind and waves.	20 bbl oil	No recorded environmental damage. Sleeping Turtle Pipeline near Platform H

TABLE 2-D
ACCIDENTS ASSOCIATED WITH OIL AND GAS OPERATIONS
ON THE OUTER CONTINENTAL SHELF,
GULF OF MEXICO

SIGNIFICANT POLLUTION INCIDENTS
50 bbl (2,100 gal) OR MORE

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
West Delta Block 117 OCS-G 1101 Well No. A-5 Gulf	01-20-64 to 01-27-64	Blowout, gas and oil; fire. <u>A/B/E/</u>	Well bridged	100 bbl oil	Platform damaged extensively. No recorded environmental damage.
Eugene Island Block 208 OCS 0576 Platform A Conoco	04-08-64 to 04-09-64	Struck by freighter; fire. <u>B/E/</u>	Fire control equipment	2,559 bbl oil	Platform and freighter damaged. No recorded environmental damage.
Ship Shoal Block 149 OCS 0434 Platform B Signal	10-03-64 to 10-19-64	Blowout, gas and oil; caused by hurricane. <u>A/E/</u>	Plugged with cement	5,100 bbl oil	Platform destroyed. No recorded environmental damage.
Ship Shoal Block 199 OCS 0594 Platform A Tenneco	10-03-64 1 d	Storage oil loss during hurricane <u>E/</u>	Ceased	1,589 bbl oil	Platform destroyed. No recorded environmental damage.
Eugene Island Block 208 OCS 0576 & OCS 0577 Platforms A, C, D Conoco	10-03-64, several d	Blowout, gas and oil; caused by hurricane. <u>A/E/</u>	Plugged with cement	5,180 bbl oil	Lost platform. No recorded environmental damage.
Eugene Island Block 208 OCS 0576 Platform A Conoco	06-21-65 to 06-27-65	A well began to leak during op- erations to plug and abandon the wells and to remove the platform, which was severely damaged in a hurricane on 10-03-64. <u>E/</u>	Cemented well	500 bbl oil	No recorded environmental damage

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Ship Shoal Block 29 OCS 0345 Well No. 7 Amoco	07-19-65 to 07-26-65	Blowout, gas and condensate, 17,086 ft. <u>A/E/</u>	Killed well with mud	1,688 bbl condensate	Minimal damage
Main Pass Block 42 OCS-G 1367 Chevron	02-07-67	Pipeline leak, cause unknown. <u>C/</u>	Line shut in and repaired	65 bbl oil	No recorded environmental damage
West Delta Block 73 OCS-G 1083 Humble	10-15-67 to 10-27-67	Pipeline leak, caused by anchor dragging. <u>C/E/</u>	Line shut in and repaired	160,638 bbl oil	No recorded environmental damage
Main Pass Block 42 OCS-G 1367 Chevron	02-22-68	Separator overflowed	Wells shut in	85 bbl oil	No recorded environmental damage
South Timbalier Block 131 OCS 0457 Gulf	03-12-68	Pipeline break, caused by anchor dragging. <u>C/E/</u>	Line shut in and repaired	6,000 bbl oil	No recorded environmental damage
South Timbalier Block 44 Pipeline from S. T. 131, 135, and 176 fields to B. M. Sta. Gulf	01-24-69 to 01-30-69	Pipeline leak, probably caused by pigging. <u>C/</u>	Line repaired	Est. over 100 bbl oil	No recorded environmental damage
Ship Shoal Block 214 OCS 0828 Production Facilities Kerr-McGee	02-10-69	Pipeline leak due to an abrasion. <u>C/E/</u>	Wells shut in and pipeline repaired	342 bbl oil	No recorded environmental damage
Main Pass Block 299 OCS-G 1316 Chevron	02-11-69 to 02-16-69 <u>C/E/</u>	Pipeline leak, caused by anchor dragging.	Line shut in and repaired	7,532 bbl oil	No recorded environmental damage

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South Marsh Island Block 27 OCS-G 1187 Platform A Shell	02-22-69	Tank overflowed <u>E/</u>	Shut in	250 bbl oil	No recorded environmental damage
Ship Shoal Block 72 OCS 060 Well No. 3 Mobil	03-16-69 to 03-19-69	Blowout, oil; 9,034 ft. Vessel bumped rig during storm and sheared wellhead. <u>A/E/</u>	Capped	2,500 bbl oil	No recorded environmental damage
Eugene Island Block 189 OCS 0423 Platform B Shell	04-11-69	Storage tank carry over	Shut in	100 bbl oil	No recorded environmental damage
Ship Shoal Block 216 OCS-G 1524 Well No. 4 Placid	08-10-69	Flowline break, cause unknown. <u>C/</u>	Safety valve shut in well	50 bbl oil	No recorded environmental damage
East Cameron Block 83 OCS 0187 Platform H Conoco	09-29-69	Sump overflowed	Automatic valves shut in	50 bbl oil	No recorded environmental damage
West Delta Block 73 OCS-G 1083 Central Facilities Humble	01-07-70	Tank and low pressure separator overflowed <u>E/</u>	All platforms shut in	228 bbl oil	No recorded environmental damage
Main Pass Block 41 OCS 0374 Platform C Chevron	02-10-70 to 03-31-70	Fire of unknown origin in the production area resulted in loss of control of 12 wells, which fed the fire. <u>A/B/E</u>	3 relief wells were drilled. 2 wells were killed by relief wells. 6 wells bridged. 4 wells were killed by well-control.	30,000 bbl oil	Lost platform. Minor amounts of oil on beaches.

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East Cameron Block 64 OCS 089 Platform A Mobil	02-28-70	Open-ended valve activated by shore station	Valve shut	50 bbl oil	No recorded environmental damage
Galveston Block 189 OCS 092 Platform A Chambers & Kennedy	05-28-70 to 05-29-70	Explosion and fire; caused by welding on a pipeline between two tanks par- tially filled with oil. <u>B/E/</u>	Ceased	100 bbl oil	9 fatalities. 50 bbl oil on Galveston Beach; cleaned up with no lasting environmental damage.
South Pass Block 27 OCS 0694 Platform V Shell	05-31-70	Pipeline leak, cause unknown. <u>C/</u>	Platform shut in	50 bbl oil	No recorded environmental damage
West Delta Block 26 OCS 0692 Platform A Chevron	10-27-70 to 10-28-70	Malfunction of shipping pump <u>E/</u>	Wells shut in	395 bbl oil	No recorded environmental damage
South Timbalier Block 26 OCS-G 1870 Platform B Well No. B-21 Shell	12-01-70 to 04-17-71	Blowout, gas, explosion, fire; during wireline work on well. <u>A/B/E/</u>	10 relief wells drilled	53,000 bbl oil	4 fatalities, 36 injuries; lost platform and 2 drilling rigs; minor amounts of oil on beaches. \$25,000,000 damage.
Ship Shoal Block 219 OCS 0829 Platform A Amoco	04-05-71	Diesel storage tank carry over <u>E/</u>	Closed valve	200 bbl diesel	No recorded environmental damage

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Ship Shoal Block 208 OCS-G 1228 Platform E Union	05-15-71	Malfunction of level control on separator	Well shut in	50 bbl oil	No recorded environmental damage
Ship Shoal Block 253 OCS-G 1031 Well No. A-1D Union	05-26-71	Sand eroded flowline near wellhead <u>C/</u>	Well shut in	75 bbl oil	No recorded environmental damage
Grand Isle Block 47 OCS 0133 Platform C Conoco	05-27-71	Sump tank carry over	Wells shut in	50 bbl oil	No recorded environmental damage
West Delta Block 93 OCS-G 1092 Well No. E-2D Humble	05-29-71	Surface safety valve at wellhead cut out	Well shut in	135 bbl oil	No recorded environmental damage
South Pelto Block 23 OCS-G 1238 Chevron	07-20-71	Damage to oil storage barge	Oil transferred to another barge	100 bbl oil	No recorded environmental damage
South Timbalier Block 179 OCS-G 1565 Platform A Placid	08-13-71	Tank overflowed	Platform shut in	50 bbl oil	No recorded environmental damage
Eugene Island Block 215 OCS 0578 Platform B Well No. B-1 through B-5 Amoco	10-16-71 to 12-10-71	Blowout, explosion, and fire at oil pump, cause unknown. <u>A/B/E/</u>	Drilled 4 relief wells and shut in safety valves	450 bbl oil	Lost produc- tion platform and equipment. No recorded environmental damage.

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West Delta Block 29 OCS 0385 Chevron	11-14-71	Pipeline parted due to a dragged object. <u>C</u> /	Wells shut in (spill boom deployed)	70 bbl oil	No recorded environmental damage
Galveston Block 189 OCS 092 Platform A Chambers & Kennedy	12-09-71	Sand cut inlet line to separator	Wells shut in	50 bbl oil	No recorded environmental damage
Eugene Island Block 238 OCS-G 0982 Platform C Gulf	12-18-71	Pipeline rupture, caused by anchor dragging. <u>C</u> /	Safety system shut all wells except C-8, which was manually shut.	80 bbl oil	No recorded environmental damage
West Delta Block 79 OCS-G 1874 Gas gathering line connecting platform A, B, C, and D Signal	06-13-72	Leak in 12-in gathering line developed from internal corrosion. <u>C</u> /	Repaired leak in line	100 bbl oil	No recorded environmental damage
West Delta Block 79 OCS-G 1449 Platform A Signal	01-09-73	Structure support- ing oil storage tank bent, causing rupture in tank. <u>E</u> /	Modified and repaired tank and structure	9,935 bbl oil	No recorded environmental damage
South Pelto Block 23 OCS-G 1238 Barge BI-363 Chevron	01-26-73	Barge developed a leak and partially sank <u>E</u> /	Repaired barge	7,000 bbl oil	No recorded environmental damage
West Delta Block 73 16-in pipeline to Grand Isle Block 16 Exxon Pipeline Co.	05-12-73	Several small leaks discovered. Internal corro- sion. <u>C</u> / <u>E</u> /	Line repaired	Over 5,000 bbl oil	No recorded environmental damage

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Main Pass Block 265 OCS-G 1657 Penrod Rig 53 Chevron	06-20-73	Hose connection parted while unloading diesel fuel from a boat to the rig <u>E/</u>	Shut off pump	239 bbl diesel	No recorded environmental damage
Eugene Island Block 215 OCS 0587 Platform C Amoco	12-08-73	Fuel loading hose pulled apart when supply boat drifted with the current	Line shut in and repaired	95 bbl diesel	No recorded environmental damage
Eugene Island Block 317 Bonita Pipeline Pennzoil	04-17-74	Break in pipeline, most probably caused by anchor dragging across it. <u>C/E/</u>	Pipeline shut in and repaired	19,833 bbl oil	No recorded environmental damage
Eugene Island Block 331 OCS-G 2116 Platform A 12-in oil pipeline Shell	05-21-74 to drag its anchor across the pipeline, breaking the riser loose from the platform. <u>C/</u>	Storm caused a derrick barge to drift, allowing it to drag its anchor across the pipeline, breaking the riser loose from the platform. <u>C/</u>	Pipeline shut in and repaired	65 bbl oil	No recorded environmental damage
Galveston Block 189 OCS 092 Platform A C & K Petroleum	07-10-74	High-level shut-in control on storage tank failed	All wells on platform shut in	130 bbl oil	No recorded environmental damage
South Pelto Block 20 OCS 074 Platform 13 Well No. 13 ODECO	09-07-74	Casing valve was broken off the wellhead by hurricane <u>A/</u>	Well was killed with calcium chloride solution and repaired	75 bbl oil	No recorded environmental damage
Main Pass Block 73 Cobia Pipeline Shell	09-11-74	Pipeline broken by hurricane. Oil was pumped into the line before break was discovered. <u>C/E/</u>	Pipeline shut in	3,500 bbl oil	Beaches and shallow water in the Chande- leur Island area were cleaned up.

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Ship Shoal Block 94 OCS-G 1983 Platform A Conoco	10-04-74 high level shut-in control on the surge tank allowed oil to escape from the vent on the surge tank.	A faulty platform control panel shut-in valve and the	Platform shut in	50 bbl oil	No recorded environmental damage
Grand Isle Block 43 OCS 0175 Platform Q Conoco	11-27-74	Remote computer put well No. Q-5D on test, but flow line had been removed for repairs.	Platform shut in	120 bbl oil	No recorded environmental damage
South Pelto Block 19 OCS 073 Platform 12 Well No. 12 ODECO	12-22-74 to 12-31-74	Casing and tubing sheared at the mudline during an attempt to repair hurricane damage <u>A/E/</u>	Well reentered; flow was directed into storage tanks. Well plugged and abandoned.	200 bbl oil	No recorded environmental damage. Lost well.
Grand Isle Block 95 OCS-G 2164 Platform A Mobil	03-18-75	Workboat bumped platform and ruptured tank	All diesel fuel in tank was spilled	166 bbl diesel	No recorded environmental damage
Eugene Island Block 288 OCS-G 2902 Occidental	09-21-75	Hole was knocked in fuel tank of drill ship when anchor ship pulled an anchor in too close	All diesel fuel in tank was spilled	100 bbl diesel	No recorded environmental damage
South Timbalier Block 130 OCS 0456 Platform D Gulf	02-29-76	Several leaks caused by internal corrosion were discovered in the line. <u>C/E/</u>	Line was repaired	414 bbl oil	No recorded environmental damage; 18-in gathering line from Platform D to Bay Marshand Shore Facility

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Vermilion Block 214 OCS-G 2076 Platform B Chevron	10-19-76	Loading hose broke during diesel refueling operations <u>E/</u>	Shut off pump	300 bbl diesel	No recorded environmental damage
Eugene Island Block 297 Tie-in of Placid's 10-in pipeline with Pennzoil's Bonita pipeline	12-18-76	A shrimp trawl pulled a 1-in ball valve loose. <u>C/E/</u>	Valve was repaired	4,000 bbl oil	No recorded environmental damage
South Pass Block 37 OCS 0697 Platform C Texaco	03-29-77	Mud slide caused the rupture of a 12-3/4-in line <u>C/E/</u>	N/A	250 bbl oil	N/A
Eugene Island Block 330 OCS-G 2115 Bonito 14-in oil/condensate pipeline Pennzoil	06-05-77	Pipeline rupture, caused by anchor dragging. <u>C/</u>	Pipeline shut in	50 bbl oil	No recorded environmental damage
Main Pass Block 144 OCS-G 1634 Chevron	10-18-77	The 8-5/8-in oil pipeline from MP 144 to MP 69 devel- oped a large leak caused by an anchor. <u>C/E/</u>	Pipeline shut in	300 bbl oil	No recorded environmental damage
South Marsh Island Block 285 OCS-G 2314 Chevron	12-14-77	Hose on a work- boat parted while offloading black magic onto the rig	Pumps on the vessel were shut down	70 bbl oil	No recorded environmental damage
Grand Isle Block 81 OCS-G 1986 Platform A JFD Inc.	04-08-78	A daspit clamp on a departing 8-5/8-in pipeline parted. <u>C/</u>	Pipeline shut in	135 bbl oil	No recorded environmental damage

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South Timbalier Block 148 OCS-G 1898 Platform A Conoco	05-11-78	Carry-over from gun barrel tank. Shut-in relay pinned out of service.	Platform manually shut in	104 bbl oil	No recorded environmental damage
Eugene Island Block 215 OCS-G 0578 Platform B Amoco	07-17-78	A large leak de- veloped in the 8-5/8-in pipeline leaving the platform. <u>C/</u>	Line was repaired	900 bbl oil	No recorded environmental damage
Mustang Island Block A-111 OCS-G 3068 MODU <i>Zapata Concord</i> Amoco	01-30-79 <i>Northern Light</i> to the rig, <i>Zapata Concord</i> , the coupling between hose lengths separated. <u>E/</u>	While transferring fuel from the MV	Shut off diesel transfer pump	320 bbl diesel	None reported
West Delta Block 105 OCS 0842 Platform D Shell	01-31-79	The MV <i>Oceanus</i> sank with 165 bbls of diesel on board.	N/A	165 bbl diesel	None reported
Ship Shoal Block 274 OCS-G 1039 Platform A Shell	04-14-79	Failure of liquid level controller and low-level sensor for flash separator	Platform manually shut in	60 bbl oil	None reported
South Pass Block 65 OCS-G 1610 Shell	07-15-79	Pipeline separated when a workboat was searching for a lost rig anchor. <u>C/</u>	Damaged section was replaced	50 bbl oil	No recorded environmental damage

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Main Pass Block 151 OCS-G 2951 MODU <i>Pacesetter III</i> Texoma	11-24-79	Collision between the MV, <i>State Command</i> and the MODU, <i>Pacesetter III</i> during anchor retrieval operations in rough seas. The propeller on the MV cut a hole in the MODU hull when the MV pulled away after the rig crane lifted an anchor from the MV. In order to permit visual observation of the anchor and chain as they approached the anchor bolster during retrieval, the the MODU had been deballasted to its floating draft with the top of the hull 7' below water level. <u>E/</u>	N/A	1,500 bbl diesel	Diesel tank/hull of MODU was damaged.
Ship Shoal Block 224 OCS-G 1023 Platform D ODECO	01-23-80	Pollution; diesel valve left open. <u>E/</u>	Closed valve and installed bull plug	286 bbl diesel	None
Eugene Island Block 256 OCS-G 2102 Platform A Pennzoil	01-29-80	Pollution; trawl net caused a break in pipeline at a tie-in. <u>C/</u>	Replaced 1-in nipple on valve	100 bbl condensate	None
Eugene Island Block 189 OCS 0423 Platform B Shell	03-08-80	Pollution; motor vessel hit flare pile and sank. <u>E/</u>	Unknown	258 bbl diesel	Vessel sank
South Timbalier Block 177 OCS-G 1260 Platform E Gulf	03-24-80	Pollution; discharge hose on centrifugal pump parted while mixing mud.	New hoses installed	50 bbl mud	None
West Delta Block 73 OCS-G 1083 Platform A Exxon	05-16-80	Pollution; rupture in main fuel tank of motor vessel.	Unknown	150 bbl diesel	None

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West Delta Block 119 OCS-G 3189 Platform E Texoma	06-11-80	Pollution; trans- fer hose parted at the connection when the locking device came uncoupled.	Repaired hose	80 bbl diesel	None
High Island Block A-467 OCS-G 2688 Platform A ARCO	10-15-80	Pollution; fuel hose coupling parted.	Spread soap on area	83 bbl diesel	None
High Island Block 206 OCS-G 1831 Platform A Texaco	11-14-80	Pollution; salt water, pumped into oil storage tank for ballast, over- flowed into Gulf. <u>E/</u>	Drained tank	1,456 bbl oil	None
South Timbalier Block 172 OCS-G 1256 Platform B Gulf	12-02-80	Pollution; fuel hose coupling parted while transferring diesel.	Shut down pump on boat, repaired hose.	118 bbl diesel	None
Ship Shoal Block 114 OCS 0064 Structure SOB ODECO	02-15-81	Pollution; the submerged oil barge turned over.	Unknown	58 bbl oil	None
High Island Block 110 OCS-G 2353 Platform B Conoco	04-06-81	Pollution; a 210-bbl mud tank ruptured and spilled the oil-base mud. <u>E/</u>	Unknown	210 bbl oil-base mud	None
Ship Shoal Block 118 OCS 0068 Platform E ODECO	08-05-81	Pollution; internal corrosion caused a 4-in pipeline to rupture. <u>C/</u>	Replaced section of pipe	80 bbl oil	Pipeline from E Platform to SOB header

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Viosca Knoll Block 864 OCS-G 4498 Conoco	08-19-81	Pollution; fuel hose burst during offloading operations.	Replaced hose	50 bbl diesel	None
Viosca Knoll Block 900 OCS-G 2445 Platform A Well No. A-8 Gulf	11-28-81 1 day	Blowout, gas, oil, 7,651 ft; occurred while removing pipe. <u>A/</u>	Closed pipe rams. Could not install safety valve. Pumped down annulus. Installed a full opening safety valve.	64 bbl oil	None
South Pass Block 60 OCS-G 1608 Platform A ARCO	12-11-81	Pollution; anchor from motor vessel caught on 8-in pipeline. <u>C/E/</u>	Replaced riser and section of pipe	5,100 bbl oil	Pipeline from SP 60 A to SP 70 C
High Island Block A-507 OCS-G 3755 Monsanto	01-19-82	Pollution; fuel hose ruptured while refueling. <u>E/</u>	Unknown	400 bbl diesel	None
South Pass Block 89 OCS-G 1618 Platform A Marathon	04-29-82	Pollution; hose coupling parted while transfer- ring diesel fuel. <u>E/</u>	Pumping ceased	228 bbl diesel	None
East Cameron Block 94 OCS-G 3531 Well No. 2 McMoran	08-18-82	Pollution; diesel fuel transfer hose broke during refueling. <u>E/</u>	Unknown	214 bbl diesel	None
West Delta Block 109 OCS-G 2937 Platform A Texaco	01-20-83	Pollution; mud slide caused damage. <u>C/</u>	Repairs were made	80 bbl oil	None

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West Cameron Block 102 OCS 0247 Platform 16 Superior	01-30-83	Pollution; hose parted while off-loading oil-base mud to the barge. <u>E/</u>	A barge with a vacuum cleaned up the residue	800 bbl oil-base mud	None
Grand Isle Block 59 LOOP	02-01-83	Pollution; oil transfer hose ruptured.	Unknown	125 bbl oil	None
South Pelto Block 15 OCS-G 3792 Well No. 4 CNG	03-09-83	A 3-in mud hose was connected to a supply vessel's pump discharge hose. When rig crew members standing at the mud pits saw that there were no returns, they had the vessel crew stop the mud transfer pump. It was then noted that the coupling had disconnected below the surface of the water.	Coupling was reconnected	100 bbl oil base mud.	None
High Island Block 170 OCS-G 4733 Well No. 3 Exxon	03-20-83	Pollution; anchor of workboat broke, allowing the boat to drift over the leg of the rig, knocking a hole in the fuel tank. <u>E/</u>	Unknown	320 bbl diesel	Hole in fuel tank
Eugene Island Block 189 OCS 0423 Platform B Shell	04-14-83	Pollution; diesel hose parted while offloading diesel from workboat to drilling rig. <u>E/</u>	Unknown	200 bbl diesel	None
South Pelto Block 15 OCS-G 3792 Platform 4 CNG	05-09-83	Pollution; coupling disconnected while pumping oil-base mud from supply vessel to the rig.	Unknown	100 bbl oil-base mud (77 bbl oil)	None
West Cameron Block 250 OCS-G 5185 ARCO	05-16-83	Pollution; workboat hit rig leg, causing hole in boat fuel tank.	Unknown	95 bbl diesel	Hole in fuel tank

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Ship Shoal Block 214 OCS 0828 Platform K Kerr-McGee	08-02-83	Pollution; motor vessel accidentally bumped platform while unloading equipment, puncturing the fuel tank.	Unknown	119 bbl diesel	Damage to fuel tank
Eugene Island Block 208 OCS 0576 Platform F Conoco	06-20-84	Pollution; tank bottom on belted holding tank ruptured, allowing discharge into the Gulf.	Unknown	50 bbl oil	None
Eugene Island Block 361 OCS-G 2324 Platform A Chevron	07-08-84	Pollution; diesel fuel tank was overfilled during refueling operations.	Ceased transfer operations	100 bbl diesel	None
West Delta Block 79 OCS-G 1874 Platform B Marathon	01-22-85	Pollution; a pipe elbow broke during fuel transfer from a bulk tank into a day tank.	Unknown	107 bbl diesel	None
Grand Isle Block 17 OCS 0255 Sulphur Platform Freeport Minerals	01-23-85	Pollution; diesel storage tank leaked.	Unknown	60 bbl diesel	None
South Pass Block 62 OCS-G 1294 Pipeline ROW Shell	02-16-85	Pollution; buried pipeline had a hole in the concrete coating and a circumferential crack. Damage was thought to have occurred on original construction and digging <u>C/E/</u>	Clamp installed	320 bbl oil	Loss of 14 birds: ducks, gulls, and loons. Beaches cleaned up.
Green Canyon Block 254 OCS-G 7049 Drilling Placid	06-03-85	Pollution; flow meter malfunctioned while offloading fuel from supply boat to rig. <u>E/</u>	Unknown	643 bbl diesel	None

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North Padre Island Block A-11 OCS-G 5966 Drilling Amoco	07-30-85	Pollution; while a mineral oil tank was being moved, it parted at the seams.	Unknown	50 bbl mineral oil	None
Chandeleur Area Block 18 OCS-G 6838 Platform H Anadarko	09-02-85 hose beat against the platform and ruptured, leaking condensate from a storage tank.	Pollution; during a hurricane, a barge-loading	Hose was replaced	66 bbl condensate	None
West Cameron Block 421 OCS-G 5322 Drilling Mobil	09-26-85	Pollution; while diesel fuel was being transferred from motor vessel to rig, the transfer line burst.	Unknown	58 bbl diesel	None
Eugene Island Block 51 OCS 0078 Platform B Mobil	11-09-85	Pollution; a spud barge punctured a hole in the line 1-1/4 miles from Platform B. C/	Replaced a section of pipe	50 bbl oil	None
Ship Shoal Block 94 OCS-G 1983 Platform A Conoco	02-03-86	Pollution; a 6-in oil pipeline parted for unknown reasons. C/	Platform shut in. Fast response unit was activated.	119 bbl oil	Pipeline SS 94A to SS 145B
Green Canyon Block 18 OCS-G 4940 Platform A Mobil	11-13-86 couplings during underwater pile driving operations.	Pollution; hydraulic fluid was released by leaking hydraulic	N/A	52 bbl hydraulic fluid	None

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Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Pass Block 65 OCS-G 1610 Platform A Shell	12-30-86	A pipeline between platforms SP 65-A and SP 62-A leaked. The cause is thought to be either anchor dragging or initial construction damage. <u>C/E/</u>	The leaking section of pipe was cut out and replaced using two hydrocouplers.	210 bbl oil	External pipeline damage
Vermilion Block 226 OCS-G 5195 Platform Well No. C-3 McMoran	03-20-87 3 d	After drill stem testing, the operator was preparing to reverse circulate when the 3 1/2-in drill pipe test string split at 967 ft. The 4,000 psi well pressure blew off the 2-in flowline to the bell nipple. This 2-in line then fell on the top of the HRC valve control line, rupturing it, resulting in the loss of accumulator pressure and thereby disabling the BOPs. The blowout force blew out the inner rotary bushing and the master bushing, which struck and broke the flow tube to the test manifold that was on top of the drill pipe. The gas flow engulfed the rig floor. <u>A/</u>	The annular preventer was closed but didn't hold. The top variable-bore rams were partially closed; the bottom variable-bore rams were open; the blind rams were closed, but didn't sever the tubing. Evacuated the platform. The well continued to flow out of control until a new accumulator could be installed. The new accumulator was used to close the variable-bore rams on the 3 1/2-in work string. The upper pipe rams were replaced with blind shear rams which were then activated successfully to control the well.	60 bbl condensate	Property damage estimated at \$150,000.
Galveston Block 2-A OCS 0732 Amoco	02-07-88	A ship dropped an anchor and dragged it along the bottom. A pipeline that was buried 3 ft was picked up by the anchor to 8 ft above the mud line and ruptured. <u>C/E/</u>	Pipeline was shut in and repaired by installing a 40 ft section of pipe with a gripper type connection with ball joint flanges on both ends. The line was then reburied 3 ft below the mud line and was returned to service.	15,576 bbl oil	Damage \$250,000

SIGNIFICANT POLLUTION INCIDENTS
50 bbl (2,100 gal) OR MORE

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Eugene Island Block 275 OCS-G 0988 Platform A Rutherford	02-19-88	The platform operator apparently placed the surface safety system out of service in the early morning because of generator problems. The production process system apparently filled to capacity and carried over from vessel to vessel causing a pollution overflow from the flare scrubber.	Shut in the platform and completed repairs.	50 bbls oil	None
East Cameron Block 300 OCS-G 6643 Platform A Mark Producing Incorporated	11-07-88	The shale shaker clean out plate was left open after cleaning the shaker and 117 bbls of 55-percent oil-based mud leaked.	N/A	117 bbl oil-base mud (64 bbl oil)	None
South Timbalier Block 151 OCS 0463 Platform J Chevron	11-16-88	Company personnel arrived at this structure and found a cut production-header elbow that leaked 55 bbls of oil.	The structure was shut in to repair the elbow.	55 bbl oil	None
Ship Shoal Block 202 OCS-G 5558 Platform A Sandefer	02-15-89	Oil slowly dumped from the production-separator water dump line into the skimmer. The wells produced no water so that water legs in the production separator and skimmer were displaced with crude oil. The liquid level controller of the skimmer activated the dump valve to release 300 bbls of oil into the water. <u>E/</u>	The dump valve was shut after the operator noticed the spill.	300 bbl oil	None
Ship Shoal Block 281 OCS-G 5567 Shell	01-24-90	A 2-in valve connected to a 4-in reducing tee was snagged by a fishing net or a boat anchor. <u>C/E/</u>	A cap was welded over the 2-in opening and sand bags were placed over the top of the 4-in pipeline tie-in.	14,423 bbl condensate	South Timbalier Block 300 Platform A to Ship Shoal Block 241 Platform A

SIGNIFICANT POLLUTION INCIDENTS
50 bbl (2,100 gal) OR MORE

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Eugene Island Block 314 OCS-G 2111 Exxon	05-06-90 on an 8 5/8-in spool piece on Exxon's subsea tie in to Texaco's 20-in EIPS was apparently pulled from the threadolet by a trawl net. <u>C/E/</u>	Pipeline leak; a 1-in valve protruding from a threadolet	Deployed Clean Gulf Associates Fast Response Unit. Shut down EIPS. Divers and surveying equip- ment were dispatched. Removed section containing the bro- ken valve and blind-flanged the ends of the pipe remaining on the sea floor.	Exact volume is unknown. Probably 4,569 bbls.	No recorded environmental damage. EIPS Segment No. 4030
High Island Block A-22 OCS-G 6180 Workhorse IX Amoco	12-31-90	Zinc bromide (15.7 ppg) leaked through the dump valve for the holding tank of the rig.	The valve was repaired and the flow path to the Gulf was closed with a welded flange.	110 bbl zinc bromide	Lost fluid valued at \$27,000.

TABLE 2-E
ACCIDENTS ASSOCIATED WITH OIL AND GAS OPERATIONS
ON THE OUTER CONTINENTAL SHELF,
GULF OF MEXICO

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Vermilion Block 26 OCS 029 Well No. A-1 Union	06-08-56 to 11-20-56	Blowout, gas; 11,435 ft, fire. <u>A/B/</u>	Drilled relief well	None	Lost platform, rig, and two wells.
West Delta Block 45 OCS 0138 Platform E Conoco	10-15-58 to 11-21-58	Explosion, fire, oil; during com- pletion operations (believed ignited by welding operation). <u>A/B/</u>	Well was killed by last of 3 relief wells	Minimal	7 fatalities, 17 injuries; lost platform.
South Timbalier Block 134 OCS 0461 Well D-1 Gulf	07-26-59 4 h	Blowout, gas; 4,880 ft, fire. <u>A/B/</u>	Well bridged	None	1 fatality, 7 injuries; rig damaged.
Eugene Island Block 199 OCS 0437 Well No. 2 Placid	07-13-60 to 07-27-60	Ship collided with platform, causing blowout; gas, fire. <u>A/B/</u>	Closed BOPs	None	Platform destroyed, well casing damaged.
Grand Isle Block 26 OCS 0390 Well No. X-7 California Co.	09-22-60	Explosion, in hold of drilling tender. <u>B/</u>	Ceased	None	1 fatality, 8 injuries.
Grand Isle Block 9 OCS 035-A Well No. 1-34-B Freeport Sulphur	03-18-62 36 h	Blowout, gas; fire. <u>A/B/</u>	Well flow ceased	None	Lost rig and relay station on platform

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
West Delta Block 117 OCS-G 1101 Well No. A-5 Gulf	01-20-64 to 01-27-64	Blowout, gas and oil; fire. <u>A/B/D/</u>	Well bridged	100 bbl oil	Platform damaged extensively. No recorded environmental damage.
Eugene Island Block 208 OCS 0576 Platform A Conoco	04-08-64 to 04-09-64	Struck by freighter; fire. <u>B/D/</u>	Fire control equipment	2,559 bbl oil	Platform and freighter damaged. No recorded environmental damage.
Eugene Island Block 273 OCS-G 0987 Well 4 Pan American	06-30-64 to 07-02-64	Blowout, gas, explosion, and fire; 684 ft. <u>A/B/</u>	Well flow ceased	None	22 fatalities, drilling vessel sank.
Eugene Island Block 208 OCS 0576 & OCS 0577 Platforms A, C, D Conoco	10-03-64 several days	Blowout, gas and oil; caused by hurricane. <u>A/D/</u>	Plugged with cement	5,180 bbl oil	Lost 3 platforms. No recorded environmental damage.
Ship Shoal Block 149 OCS 0434 Platform B Signal	10-03-64 to 10-19-64	Blowout, gas and oil; caused by hurricane. <u>A/D/</u>	Plugged with cement	5,100 bbl oil	Platform destroyed. No recorded environmental damage.
Ship Shoal Block 199 OCS 0594 Platform A Tenneco	10-03-64 1 d	Storage oil loss during hurricane <u>D/</u>	Ceased	1,589 bbl oil	Platform destroyed. No recorded environmental damage.
Eugene Island Block 128-A OCS 0442 Well No. 2 Shell	10-04-64 to 10-15-64	Blowout, gas; caused by hurricane. <u>A/</u>	Killed with mud	None	Lost single well support structure

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 154 OCS 0420 Platform D Gulf	10-04-64 to 10-19-64	Blowout, gas; caused by hurricane. <u>A/</u>	Well bridged	None	Severely damaged platform
South Marsh Island Block 51 OCS 789 Rig 11 Shell	03-14-65	A crane was offload- ing a derrick bin from a cargo vessel. As the operator began to raise the boom, the crane tilted forward after a failure in the crane hook-roller assembly, and then toppled over. The operator died as a result of a massive basal skull fracture.	N/A	None	1 fatality
South Timbalier Block 054 OCS 019 Platform A Humble	03-26-65 10 min	Explosion, fire in pressure vessel ignited by welding operations. <u>B/</u>	Ceased	None	1 fatality, 3 injuries.
Eugene Island Block 208 OCS 0576 Platform A Conoco	06-21-65 to 06-27-65	A well began to leak during op- erations to plug and abandon the wells and to remove the platform, which was severely damaged in a hurricane on 10-03-64. <u>D/</u>	Cemented well	500 bbl	No recorded environmental damage
Ship Shoal Block 29 OCS 0345 Well No. 7 Amoco	07-19-65 to 07-26-65	Blowout, gas and condensate; 17,086 ft. <u>A/D/</u>	Killed well with mud	1,688 bbl condensate	Minimal damage
West Delta Block 117 OCS-G 1101 Platform A Gulf	09-10-65 several d	Blowout, oil; caused by hurricane <u>A/</u>	Plugged with cement	Minimal	Lost platform
South Timbalier Block 21 OCS 0263 Well 70 Gulf	09-25-65 to 10-08-65	Blowout, gas; 11,716 ft. <u>A/</u>	Well flow ceased	None	Removed rig before well cratered. Lost well.

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Marsh Island Block 49 OCS 787 Platform A Union	01-17-66	A crane was off-loading equipment from the MV <i>Florida</i> . It lifted a 16,500 lb rack of 1" drill pipe approximately 30' when the roller supports on the crane broke and it fell into the water. The operator who went down with the crane was found on the bottom, and his death was attributed to head injuries.	N/A	None	1 fatality
West Cameron Block 201 OCS 0764 Platform F Conoco	02-03-67 1 d	Explosion, fire in fuel tank during welding operation. <u>B/</u>	Ceased	None	6 fatalities, 9 injuries; rig and platform damaged.
East Cameron Block 63 OCS 0160 Platform B Conoco	05-10-67	Supporting beam gave way and a man fell 80 ft.	N/A	None	1 fatality
Eugene Island Block 176 OCS 0445 Platform A Shell	07-18-67	Explosion and fire; ignited by welding operations. <u>B/</u>	Ceased	Minimal	1 fatality, 6 injured.
???? ???? ???? <i>Stormdrill IV</i> Storm Drilling Co.	09-13-67	A man fell 65 ft.	N/A	None	1 fatality
Ship Shoal Block 149 OCS 0434 MODU Signal Oil & Gas	10-12-67	Fatality; sandline broke and threw a man into the cable drum.	N/A	None	1 fatality
West Delta Block 73 OCS-G 1083 Humble Pipeline	10-15-67 to 10-27-67	Pipeline leak caused by anchor dragging <u>C/D/</u>	Line shut in and repaired	160,638 bbl oil	No recorded environmental damage
Grand Isle Block 43 OCS 0175 Platform A Conoco	10-24-67	Explosion; fire in production facilities. Tank ruptured. <u>B/</u>	Ceased	Minimal	Lost platform

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 214 OCS 0828 Well No. 2 Kerr-McGee	10-30-67 collision 09-08-68 to 09-29-68 blowout	Blowout, gas and condensate. Freighter collided with well. Blowout occurred 1 yr after collision. <u>A/</u>	Cut casing and cemented	Minimal	Lost well and caisson protection
Eugene Island Block 175 OCS 438 Platform B Sinclair	12-08-67	A derrick barge crane was lifting a pump from the platform. As it swung the pump over the barge and started lowering it, the 5/8" sling attached to the pump broke and allowed it to fall 30' and hit a man who was standing on the derrick barge, killing him instantly.	N/A	None	1 fatality
?? ?? ?? ?? ?? ?? SEDCO 135 Sea Drilling Co.	12-26-67	A man was struck by falling pipe.	N/A	None	1 fatality
South Marsh Island Block 66 OCS-G 1198 Structure 2 Signal Oil & Gas	01-23-68	Fatality; a man fell 50 ft.	N/A	None	1 fatality
Ship Shoal Block 154 OCS 420 Gulf	02-15-68	Fatality; a man fell out of a personnel net.	N/A	None	1 fatality
South Timbalier Block 151 OCS 0463 Well No. J-15 Gulf	02-21-68 1 h	Blowout, gas, explosion, fire; during a workover operation, a relief valve vented gas in the pump room. <u>A/B</u>	Closed valve	None	Rig destroyed
South Timbalier Block 135 OCS 462 Mobile No. 8 Gulf	03-04-68	A man fell from the rig.	N/A	None	1 fatality

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Timbalier Block 63 OCS-G 1548 <i>Topper II</i> Mobil Producing, Texas & New Mexico	03-?-68	Rig derrick collapsed.	N/A	None	1 fatality
South Timbalier Block 131 OCS 0457 Gulf	03-12-68	Pipeline break, caused by anchor dragging. <u>C/D/</u>	Line shut in and repaired	6,000 bbl oil	No recorded environmental damage
?? ?? ?? ?? ?? ?? <i>Sea Drill No. 3</i> SEDCO	04-01-68	Welder cut 115 volt power line in the mud pit.	N/A	None	1 fatality
Ship Shoal Block 208 OCS-G 1228 Santa Fe Marine <i>Mariner I</i> Union Oil of CA	05-29-68	Circulating head fell on a man.	N/A	None	1 fatality
West Delta Block 23 OCS-G 1331 Gulf	07-12-68	Inadequate caulk provided to retain pipe in the pipe rack. Falling pipe killed a man.	N/A	None	1 fatality
Main Pass Block 41 OCS 374 Platform D Chevron	07-24-68	A man slipped and fell from a stairway that did not have railings.	N/A	None	1 fatality
West Delta Block 23 OCS-G 1331 Gulf	08-21-68	Blowout, gas, ex- plosion, fire; gas leak in wellhead assembly. <u>A/B/</u>	Unknown	Unknown	11 fatalities, 20 injuries.
South Timbalier Block 67 OCS 020 Well C-16 Humble	09-28-68 9 h	Blowout, gas; 910 ft. fire. <u>A/B/</u>	Well bridged	None	Platform rig damaged and removed. Platform settled.

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 70 OCS-? ? ? Exxon	12-18-68	A man fell 85 feet while climbing the derrick.	N/A	None	1 fatality
Ship Shoal Block 214 OCS 0828 Production Facilities Kerr-McGee	02-10-69	Pipeline leak due to an abrasion. <u>C/D/</u>	Wells shut in. Pipeline repaired.	342 bbl oil	No recorded environmental damage
Main Pass Block 299 OCS-G 1316 Chevron	02-11-69 to 02-16-69 <u>C/D/</u>	Pipeline leak, caused by anchor dragging.	Line shut in and repaired	7,532 bbl oil	No recorded environmental damage
South Marsh Island Block 27 OCS-G 1187 Platform A Shell	02-22-69	Tank overflowed <u>D/</u>	Shut in	250 bbl oil	No recorded environmental damage
South Timbalier Block 131 OCS 457 Reading & Bates Rig No. 2 Gulf	02-29-69	A man became ensnared in the drawworks.	N/A	None	1 fatality
Vermilion Block 46 OCS 079 Platform A Well A-3 Mobil	03-14-69 to 05-16-69	Blowout, gas, and condensate; 3,600 ft. A leak developed in a tapped bull plug on the wellhead spool, which developed into a blowout. <u>A/</u>	Pumped mud through relief well	Minimal	Had to plug well. Platform settled.
Ship Shoal Block 72 OCS 060 Well No. 3 Mobil	03-16-69 to 03-19-69	Blowout, oil; 9,034 ft. Vessel bumped rig during storm and sheared wellhead. <u>A/D/</u>	Capped	2,500 bbl oil	No recorded environmental damage

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Pass Block 27 OCS 352 Reading & Bates Rig No. 2 Shell	05-07-69	A man was struck by a cable which was whiplashing. The man was fatally injured.	N/A	None	1 fatality
South Marsh Island Block 108 OCS 792 Rig No. 7 Platform D Conoco	05-07-69	A man fell from the drawworks into the drum and died instantly.	N/A	None	1 fatality
South Marsh Island Tiger Shoal Block 217 OCS 310 Platform A Texaco	05-24-69	Fire in vicinity of line heater <u>B/</u>	Wells shut in, fire extinguished.	None	Heater skid, platform, and piping bridges were severely damaged.
South Marsh Island Block 41 OCS-G 1192 Chevron	10-19-69	A man fell into the Gulf.	N/A	None	1 fatality
???? ???? Penrod Drilling ???? ????	11-27-69	The wire rope on the hoist parted. Falling equipment injured 3 men. A fourth man was thrown into the Gulf and killed.	N/A	None	1 fatality, 3 injuries.
West Delta Block 73 OCS-G 1083 Central Facilities Humble	01-07-70	Tank and low pressure separator overflowed <u>D/</u>	All platforms shut in	228 bbl oil	No recorded environmental damage
High Island Block 24 OCS ??? Storm Drilling Co. <i>Stormdrill III</i> Atlantic Richfield	01-13-70	Fire ignited after degasser ruptured. <u>B/</u>	N/A	None	1 fatality 6 injuries

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Main Pass Block 41 OCS 0374 Platform C Chevron	02-10-70 to 03-31-70	Fire of unknown origin in the production area resulted in loss of control of 12 wells, which fed the fire. <u>A/B/D</u>	3 relief wells were drilled. 2 wells were killed by relief wells. 6 wells bridged. 4 wells were killed by well-control.	30,000 bbl oil	Lost platform. Minor amounts of oil on beaches.
Eugene Island Block 193 OCS 572 Platform A Amoco	02-19-70	MV <i>Lowell Stanley</i> was riding along the drilling tender ST65 when an airplane tire on the <i>Stanley</i> broke loose a hand rail on ST65. A piece of the rail struck a man on the drilling tender on the head.	N/A	None	1 fatality
West Cameron Block 17 OCS-G 1351 Platform No. 3 Chevron	03-16-70	Employees were jacking down wire-line barge in 3'-4' seas when they heard a noise coming from the right back leg. They then jacked it back up to check it. When they were finished, they had begun jacking back down when the right rear leg gave way and the barge tilted with the right side low. One man jumped overboard and drowned.	N/A	None	1 fatality
Eugene Island Block 259 OCS-G 0985 Platform C Shell	05-06-70	Water heater exploded <u>B/</u>	Ceased	None	3 fatalities, 7 injuries. Major damage to quarters.
Galveston Block 189 OCS 092 Platform A Chambers & Kennedy	05-28-70 to 05-29-70	Explosion and fire; caused by welding on a pipeline between two tanks partially filled with oil. <u>B/D/</u>	Ceased	100 bbl oil	9 fatalities. 50 bbl oil on Galveston Beach; cleaned up with no lasting environmental damage.
South Marsh Island Block 73 OCS-G 1205 Platform B Exxon	09-08-70	A man was struck by falling pipe.	N/A	None	1 fatality

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Timbalier Block 63 OCS 0599 Platform A Chevron	09-10-70	Explosion and fire; cause unknown. <u>B</u> /	Ceased	None	Severe damage to platform and drilling rig
South Timbalier Block 134 OCS 0461 Platform T Gulf	10-07-70	Fire in the sump tank <u>B</u> /	Extinguished by field personnel	None	1 fatality, 2 injuries. Limited damage to equipment.
Ship Shoal Block 204 OCS-G 1520 MODU Penrod Drilling Co. Placid	10-23-70	A crane toppled from the drilling rig.	N/A	None	1 fatality
West Delta Block 26 OCS 0692 Platform A Chevron	10-27-70 to 10-28-70	Malfunction of shipping pump <u>D</u> /	Wells shut in	395 bbl oil	No recorded environmental damage
Ship Shoal Block 107 OCS 70 MODU Chevron	10-29-70	Boat sank at the drilling rig.	N/A	None	4 fatalities
Main Pass Block 289 OCS-G 1666 Platform B Shell	11-03-70	A man fell into equipment.	N/A	None	1 fatality
South Timbalier Block 176 OCS-G 1259 Platform E Gulf	11-11-70	An employee was caught in a looped cable.	N/A	None	1 fatality
West Delta Block 73 OCS-G 1083 Platform C Humble	11-13-70	Explosion in glycol reboiler <u>B</u> /	Ceased	None	3 fatalities, 13 injuries.

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Grand Isle Block 22 OCS 31 Exxon	11-24-70	A high pressure fitting blew free while being removed.	N/A	None	1 fatality
South Timbalier Block 26 OCS-G 1870 Platform B Well No. B-21 Shell	12-01-70 to 04-17-71	Blowout, gas, explosion, fire; during wireline work on well. <u>A/B/D/</u>	10 relief wells drilled	53,000 bbl oil	4 fatalities, 36 injuries; lost platform and 2 drilling rigs; minor amounts of oil on beaches. \$25,000,000 damage.
West Delta Block 23 OCS-G 1331 Platform C Exxon	12-13-70	A glycol reboiler exploded. <u>B/</u>	N/A	None	4 fatalities, 10 injuries.
West Delta Block 73 OCS-G 1083 Platform B Well No. B-30-T Exxon	12-23-70	An employee was struck in the chest with a locking ram while removing a pressurized access window on the triple completion well.	N/A	None	1 fatality
Eugene Island Block 293 OCS-G 995 Loffland Rig 135 Forrest Oil Corp.	01-14-71	An employee slipped through an open man-hole cover and fell 33 feet.	N/A	None	1 fatality
Galveston Block 288 OCS 709 Platform B Shell	01-18-71	Explosion; a flow line ruptured due to pressure buildup when the well was shut in. <u>B/</u>	N/A	None	1 injury
Grand Isle Block 22 OCS 31 Platform L Exxon	01-26-71	An employee was blown overboard by an accidental discharge of high pressure gas from the open end of a pipe which was nearby.	N/A	None	1 fatality

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Bay Marchand Block 2 OCS 369 Gus No. 2 Well No. 7 Chevron	02-14-71	An employee was struck when a cover blew open as latch dogs were loosened.	N/A	None	1 fatality
West Cameron Block 639 OCS-G 2027 Well No. 1 Sun Oil	03-03-71 to 03-06-71	Blowout, gas; 3,956 ft. <u>A/</u>	Mobile rig forced to move from location when gas blew around conductor. Well bridged.	None	BOP assembly and drill pipe lost. Lost well.
South Marsh Island OCS 786 Derrick Barge No. 2 Gulf	03-30-71	Three men were checking an anchor buoy for leaks using compressed air when the buoy exploded. <u>B/</u>	N/A	None	1 fatality, 2 injuries.
?? ?? ?? ?? ?? ?? Platform Rig Shell	03-30-71	A rental tool company employee was struck by a jacking foot which fell from the skid beam during rig skidding operations.	N/A	None	1 fatality
Ship Shoal Block 219 OCS 0829 Platform A Amoco	04-05-71	Diesel storage tank carry-over <u>D/</u>	Closed valve	200 bbl diesel	No recorded environmental damage
Grand Isle Block 26 OCS 390 Platform X Chevron	04-10-71	An employee fell 8' from the shale shaker. There were no witnesses; he was found lying below the shale shaker platform with a weak pulse.	N/A	None	1 fatality

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 219 OCS 828 Platform B Amoco	04-16-71	While unloading drill pipe from a work boat to the platform, the crane operator stepped out of the cab to see signals from the man on the boat. When he reached back into the cab to pull the pick-up line clutch, he pulled the fast-line clutch instead, and caused the fast-line weight ball to be pulled into the boom sheave. The line was severed and the ball was flung directly at the crane operator, striking him on the head.	N/A	None	1 fatality
West Delta Block 105 OCS-G 1084 Platform A Shell	4-27-71	While offloading the MV <i>Bobcat</i> , a man was struck by the headache ball as it fell. He suffered 10 broken ribs, a ruptured spleen, and a fractured pelvis, leg, and left foot.	N/A	None	1 injury
Grand Isle Block 17 OCS 25 Humble	06-22-71	An employee fell through a poorly welded hole in the steel deck and drowned.	N/A	None	1 fatality
Grand Isle Block 47 OCS 133 Platform A Conoco	06-23-71	An employee was fatally injured when a hopper of sand swung as it was being lowered by a platform crane to the platform deck and pinned him to the glycol unit.	N/A	None	1 fatality
West Cameron Block 73 OCS 759 Tenneco	09-15-71	A man fell between a boat and the boat landing.	N/A	None	1 fatality
West Delta Block 80 OCS-G 1874 Platform D Signal	09-17-71	While re-stringing 1-3/8" drilling line from 10 to 8 lines, the snake being used to pull the line broke letting 100' of line fall. This caused a man standing on the traveling block and a man on the swivel to fall 25' to the metal drilling floor.	N/A	None	1 fatality 1 injury
West Delta Block 73 OCS-G 1083 Platform D Exxon	09-24-71	A bull plug removed from the casinghead under pressure struck an employee.	N/A	None	1 fatality

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Eugene Island Block 215 OCS 0578 Platform B Well Nos. B-1 through B-5 Amoco	10-16-71 to 12-10-71	Blowout, explosion, and fire at oil pump. Cause unknown. <u>A/B/D/</u>	Drilled 4 relief wells and shut in safety valves	450 bbl oil	Lost produc- tion platform and equipment. No recorded environmental damage.
South Timbalier Block 135 OCS 462 Platform M Gulf	01-01-72	The king pin hous- ing on the crane rup- tured while lifting a cementing unit, causing the crane to fall overboard and trap the operator.	N/A	None	1 fatality
Main Pass Block 293 OCS-G 1670 Platform A Sun Exploration & Production	01-25-72	An employee was washed overboard from the boat deck after connecting the water hose from the supply boat.	N/A	None	1 fatality
Eugene Island Block 176 OCS 0445 Platform No. 1 Shell Offshore	02-06-72	A deckhand was standing on the deck of the <i>MV Gulf Storm</i> preparing to take in the nylon surge line when the line suddenly became taught after it apparently was fouled. The line swept across the stern of the boat. He was knocked overboard and sustained fatal injuries.	N/A	None	1 fatality
West Cameron Block 280 OCS-G 0911 Platform No. 5 Union Oil of California	03-20-72	An employee sustained fatal injuries when a gas operated cylinder ruptured on a pig launcher valve operator.	N/A	None	1 fatality
West Cameron Block 144 OCS-G 1953 Skelly Oil Co.	04-25-72	The <i>MV Miss Clate</i> sank while moored stern-first to the rig. Two of the crew members apparently went down with the vessel and drowned.	N/A	Oil slick 200 feet	2 fatalities
Eugene Island Block 105 OCS 797 Superior	05-03-72	The crew was running a triple string completion. While picking up 3 joints of 2 3/8" tubing, a joint fell out of the rope sling and struck a floorhand on the head.	N/A	None	1 fatality

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 201 OCS-G 1519 MODU Penrod Rig 56 ODECO	05-29-72	A helicopter crashed 3 miles South of Dulac, La. enroute to Ship Shoal Block 201	N/A	None	11 fatalities
West Cameron Block 280 OCS-G 911 McDermott lay barge Union Oil of California	06-27-72	A man fell from a pipe laying barge.	N/A	None	1 fatality
West Cameron Block 280 OCS-G 911 Union Oil of California	06-27-72	A helicopter landed to refuel. Upon takeoff, the tail rotor came in contact with the microwave tower, cutting it off. The helicopter, out of control, fell into the Gulf.	N/A	None	2 fatalities
South Pass Block 78 OCS-G 2185 Well No. 2 Pennzoil	12-03-72 to 12-05-72	Blowout, gas; 3,850 ft. fire with last string of casing set at 1,018 ft. Mobile rig collapsed into the crater produced by the blowout. <u>A/</u>	Well bridged.	Minimal	Mobile rig was lost.
South Pass Block 65 OCS-G 1610 Platform B Shell Offshore	12-18-72	A helicopter crashed after takeoff from the platform.	Two men were rescued, but one man was killed.	None	1 fatality
South Marsh Island Block 72 OCS-G 1204 Platform C Exxon	12-23-72	A welders helper walked out on a 17' section of 11 3/4" casing which extended about 6' to 8' over the edge of the platform, to release the crane sling. The pipe rolled and he fell 105' to the deck of the MV <i>Nicky Marie</i> .	N/A	None	1 fatality
Main Pass Block 208 OCS-G 1640 MODU Marlin No. 6 Amoco	12-30-72	An employee's right hand became entangled in the air hoist cable while the line was being spooled in. His head was pulled into a 3-in opening between the guide post and the air hoist.	N/A	None	1 fatality

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
West Delta Block 79 OCS-G 1449 Platform A Signal	01-09-73	Structure support- ing oil storage tank bent, causing rupture in tank. <u>D/</u>	Modified and repaired tank and structure	9,935 bbl oil	No recorded environmental damage
West Delta Block 133 OCS-G 1106 Shell Offshore	01-19-73	An employee was rigging up an air hoist line to slide the skid beam back. When he reached for the air hoist line, he apparently lost his balance and fell from the cellar deck.	Three boats attempted rescue.	None	1 fatality
South Pelto Block 23 OCS-G 1238 Barge BI-363 Chevron	01-26-73	Barge developed a leak and par- tially sank <u>D/</u>	Repaired barge	7,000 bbl oil	No recorded environmental damage
Vermilion Block 26 OCS 297 Platform 13 Union Oil of California	02-03-73	A needle valve was blown from the choke body of the christmas tree. The force of the escaping gas blew an employee overboard.	N/A	None	1 fatality
South Pass Block 28 OCS 694 Satellite No. 192 Shell Offshore	03-22-73	During a rig skidding operation, two men were stationed at each inboard corner to observe the choke, BOP, and mud lines and report any snags. On the port side a 4" flexible line on the standpipe swung when the second jack stroke was made. The line struck a floorhand on the right side of his head, causing a fatal injury.	N/A	None	1 fatality
Eugene Island Block 295 OCS-G 2104 MODU <i>Nicholas Rig 27</i> Well A-13 Exxon	03-31-73	An employee was fatally injured when he tried to remove the pressure gauge from a mud pump which was pressurized.	N/A	None	1 fatality
Ship Shoal Block 108 OCS 814 Well No. 37 Chevron	04-16-73	The workboat <i>Stonewall Jackson</i> collided with the well guard and sheared the tree from the wellhead.	The subsurface safety device shut the well in immediately.	None	Damage to the wellhead and the workboat.

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Marsh Island Block 268 OCS-G 2310 Well No. 2 Placid	05-05-73 to 05-26-73	Underground blow- out while drilling gas; 11,393 ft. <u>A/</u>	Well bridged	None	Lost well
West Delta Block 73 16-in pipeline to Grand Isle Block 16 Exxon Pipeline Co.	05-12-73	Several small leaks discovered. Internal corro- sion. <u>C/D/</u>	Line repaired	Over 5,000 bbl oil	No recorded environmental damage
Eugene Island Block 175 OCS 438 Platform B Atlantic Richfield	05-16-73	A contract employee dove into the water to retrieve a sand- blasting helmet and went under before he could be rescued.	N/A	None	1 fatality
West Cameron Block 28 OCS-G 2125 MODU S-55 Chevron	05-24-73	A power tong malfunctioned and caused the tong operator to be caught between the snubbing line and the tubing.	N/A	None	1 injury
East Cameron Block 14 OCS-G 1440 Platform 21 Mobil	06-03-73	A gauge and a nipple blew off the glycol contact tower while hydrotesting the vessel. The impact of the water knocked over a vessel which fell on the men.	N/A	None	1 fatality 1 injury
Main Pass Block 265 OCS-G 1657 Penrod Rig 53 Chevron	06-20-73	Hose connection parted while unloading diesel fuel from a boat to the rig <u>D/</u>	Shut off pump	239 bbl diesel	No recorded environmental damage
West Cameron Block 110 OCS 081 Platform A Mobil	06-21-73	Blowdown valve on separator eroded, and gas was ignited by unknown source. <u>B/</u>	Safety system shut in wells	None	Heavy damage to production area

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
West Cameron Block 179 OCS 898 ODECO MODU <i>Margaret</i> Well No. 3 Tenneco	06-30-73	Two men became entangled in a 1 3/8-in drill line during the process of slipping or cutting the line.	N/A	None	1 fatality, 1 injury.
West Cameron Block 543 OCS-G 2010 Platform A Well No. A-4 Kerr-McGee	10-01-73 to 10-02-73	Blowout, gas; explosion and fire; 8,540 ft. <u>A/B/</u>	Well bridged	Minimal	3 minor injuries; all equipment on the platform was destroyed or heavily damaged.
West Delta Block 74 OCS-G 1084 Platform F Exxon	10-12-73	A man stepped over the platform railing onto some old wire mesh to retrieve a fish hook and he fell 72 ft into rough seas.	N/A	None	1 fatality
High Island Block A-570 OCS-G 2390 MODU <i>Glomar Grand Banks</i> Exxon	11-09-73	A needle valve blew out of a bull plug on a cementing unit pump while it was being pressure tested and hit the operator, causing his death.	N/A	None	1 fatality
South Pass Block 60 OCS-G 2137 Platform A Atlantic Richfield	12-07-73	Welding was in progress in the area where oil was leaking from a flange on a wet oil line near the scrubber skid <u>B/</u>	Dry chemical unit	None	2 fatalities, 5 injuries.
Eugene Island Block 330 OCS-G 2115 Platform C Pennzoil	01-24-74	A contract employee inhaled gas fumes while working inside an oil and gas production separator. The cause of death was asphyxiation. The employee had removed his respirator for unknown reasons.	N/A	None	1 fatality

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Eugene Island Block 317 Bonita Pipeline Pennzoil	04-17-74	Break in pipeline, most probably caused by anchor dragging across it. <u>C/D/</u>	Pipeline shut in and repaired	19,833 bbl oil	No recorded environmental damage
Eugene Island Block 349 OCS-G 2322 Platform A Marathon	05-04-74	A welder was welding braces on a pipe rack when the crane operator set a cementing head on the rack. This caused a joint of pipe to roll off onto the welder.	N/A	None	1 fatality
Eugene Island Block 309 OCS-G 997 Platform C Forest Oil Corp.	05-08-74	The Liberian freighter <i>North- wind</i> collided with the platform.	The safety system shut in all wells.	None	Damage to ves- sel and platform crane, and south side of the pro- duction deck. Loss of \$600,000 production, and repairs \$600,000 to \$900,000.
South Pass Block 52 OCS-G 2179 MODU ODECO Mobil	08-01-74	An anchor chain broke while being lifted by a crane. The chain was holding a pendant line. When the chain broke, the pendant eye came down and struck an employee in the back.	N/A	None	1 fatality
Viosca Knoll Block 23 OCS-G 2459 MODU ODECO Chevron	08-04-74	A man on the drilling barge removed his safety belt and climbed up onto the derrick girder to unlatch the elevators on a tall stand of drill collars. He lost his balance and fell.	N/A	None	1 fatality
West Cameron Block 586 OCS-G 2436 MODU <i>Loffland Rig 194</i> Pennzoil	09-04-74	A chain tong handle was stuck in the hole in the lift sub head when the rotary accidentally engaged. The chain tong hit one man and knocked him off the floor to the catwalk below. One other employee was slightly injured.	N/A	None	1 fatality 1 injury

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Main Pass Block 73 Cobia Pipeline Shell	09-11-74	Pipeline broken by hurricane. Oil was pumped into the line before break was discovered. <u>C/D/</u>	Pipeline shut in	3,500 bbl oil	Beaches and shallow water in the Chandelier Island area were cleaned up.
East Cameron Block 160 OCS 541 Platform 3 Chevron	09-21-74	The aids to navigation lights were inoperative as a result of hurricane <i>Carmen</i> when the <i>MV Keith Rhea</i> collided with the structure.	The subsurface safety valve shut the well in immediately.	None	The well head was broken off.
Ship Shoal Block 214 OCS 828 Platform 7 Kerr-McGee	09-29-74	During wireline operations, a welded crossover sub broke at the weld. The escaping well pressure blew an employee down a stairway to a lower deck. Another man was injured.	N/A	None	1 fatality 1 injury
West Cameron Block 639 OCS-G 2027 MODU Marlin Rig 5 Sun Oil Company	10-22-74	Two men were on a walkway approximately 10' above the water line when an abnormally large wave washed them overboard.	N/A	None	2 fatalities
West Delta Block 80 OCS-G 1874 Platform D Marathon	10-28-74	While sandblasting and painting, an employee was moving a scaffold board when he lost his balance and fell 50 ft to the bottom catwalk.	N/A	None	1 fatality
High Island Block A-520 OCS-G 2378 MODU Rig No. 62 Transworld Drilling Cities Service	10-29-74	Roustabouts were rigging down a 4-in mudline hose after offloading mud from the rig pits to a boat. One employee cut the snub rope before all of the slack was out of the hose and he was knocked or dragged overboard, hitting the tie-up cable extending from the rig. One other man sustained minor injuries.	N/A	None	1 fatality 1 injury
Eugene Island Block 349 OCS-G 2322 MODU Rig 163 Cactus Drilling Co. Marathon Oil Co.	11-08-74	While offloading casing tools from the rig to a supply boat, the crane boom collapsed causing the headache ball on the fast line to fall along with the cable, striking two employees on the head. One man was fatally injured and the other critically injured.	N/A	None	1 fatality 1 injury

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Pelto Block 19 OCS 073 Well No. 12 ODECO	12-22-74 to 12-31-74	Casing and tubing sheared at the mudline during an attempt to repair hurricane damage <u>A/D/</u>	Well reentered; flow was directed into storage tanks. Well plugged and abandoned.	200 bbl oil	No recorded environmental damage. Lost well.
Brazos Block A-70 OCS-G 2663 MODU Marine Drilling Co. Cities Service	12-30-74	An employee fell through a manhole on the walkaround on the derrick crown to the shale shaker deck 110 ft below.	N/A	None	1 fatality
Ship Shoal Block 216 OCS-G 1524 Rig No. 7 Platform C Placid	02-05-75	Drilling crew was pulling the string when the driller accidentally pulled the block into the water table. The drill line was cut and the block fell. The drill pipe broke as the block came down and fell on an employee working on the rig floor.	N/A	None	1 fatality
High Island Block A-471 OCS-G 2690 Well No. 1 Mobil	03-19-75 6 d	Blowout, gas; 1,150 ft. <u>A/</u>	Opened two 6-in diverter lines. Closed annular. Gas broached drive pipe. Bridged after 6 d.	None	Lost well and rig
Ship Shoal Block 209 OCS 827 Platform G Well No. G-3 Union Oil of California	03-31-75	Derrick of the workover rig collapsed onto a diesel fuel tank during jarring operations. After jarring approximately 12 times the rig reset the jars and started pulling up to release the jars. Upon reaching a weight of 76,000 lb, welds on the skid gave way causing the mast loaded with 13,000' of 1-1/4" pipe to collapse.	N/A	3 bbl diesel fuel	1 injury; damaged rig.
Ship Shoal Block 207 OCS-G 1523 Rig PMI No. 55 Platform B Placid	04-25-75	Drilling operations were in progress when the drill pipe became stuck. While jarring the pipe, the crown block pulled loose, dropping the sheaves, block, and the drill line to the floor. One man was fatally injured, and another sustained back and head injuries.	N/A	None	1 fatality 1 injury

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
West Delta Block 32 OCS 367 Platform S Well S-16 Exxon	05-04-75	Rig was finishing workover job on Well S-16 and employees were rigging down. One man was on the west end of the derrick even with the monkey board and was holding the snatch block with his left hand while climbing up to hang it. He was holding on to a rung of the ladder with his right hand and, while stepping higher to the next rung, he slipped and fell 60 ft.	N/A	None	1 fatality
Ship Shoal Block 276 OCS-G 2922 MODU <i>Ocean Queen</i> ODECO Shell	05-09-75	An anchor crew helper on the MV <i>Black Bart</i> had helped to pull a buoy on board. A chain on the tugger line and a throwing cable on the towing line broke, releasing the buoy and allowing it to fall on the employee.	N/A	None	1 fatality
West Cameron Block 171 OCS-G 1997 Platform C Transocean Oil Inc.	06-08-75	The Greek cargo ship <i>Katetan Xilas</i> collided with and demolished the platform.	The safety system immediately shut in all wells on the connected structure.	None	Platform destroyed.
South Marsh Island Block 50 OCS 0788 Well No. B-5 Amoco	06-11-75 42 d	Blowout, gas, fire; during completion operations. <u>A/B/</u>	Installed well-control head manifold	Unknown amount of condensate	Platform drilling deck and equipment damaged
Vermilion Block 372 OCS-G 2576 Well No. 2 Exxon	07-05-75	An employee was releasing the locking dogs on the diverter when the inner sleeve ruptured <u>B/</u>	None, pressure was released instantaneously	None	1 fatality
South Timbalier Block 26 OCS-G 2620 Platform E Shell	07-23-75	A spreader bar sling on the rig could not be removed from the hook on the crane load line. One employee was sitting on a hand rail trying to remove the sling when the crane operator attempted to use the fast line. The employee was knocked overboard by the ball and fatally injured.	N/A	None	1 fatality

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
West Cameron Block 69 OCS-G 2126 Platform A Conoco	07-30-75	A contract employee stepped on a loose piece of metal grating which covered a hole in the platform floor. He fell 25 ft and suffered a broken elbow and three broken ribs.	N/A	None	1 injury
East Cameron Block 14 OCS-G 1440 Platform No. 1 Mobil Production TX & N.M.	07-30-75	A coil inside a line heater ruptured causing the heater to move off its skid. The concussion blew an employee off his feet. He suffered a broken collarbone and a hairline fracture of the skull.	N/A	None	1 injury
West Cameron Block 534 OCS-G 2226 Platform A Chevron	08-15-75	The tanker, <i>Globtik Sun</i> , collided with the platform. Oil from the tanker ignited and the tanker caught fire. <u>B/</u>	Extensive fire-fighting operation	None from platform	6 fatalities on tanker. Platform damaged.
Eugene Island Block 296 OCS-G 2105 Platform B Placid	09-12-75	Crew was repairing a ball valve on a pipeline when the valve suddenly ruptured. There was no fire. <u>B/</u>	N/A	None	3 fatalities
Ship Shoal Block 253 OCS-G 1031 Platform D Union Oil of California	12-09-75	Operations to transport a quarters building from the MV <i>Moon Maid</i> onto the platform were in progress. One employee had removed the lift lines and climbed down the back of the building. The crane operator, not aware of the employee, began to lift the building. The employee was killed when he was pinned between the building and the boat cabin.	N/A	None	1 fatality
Eugene Island Block 214 OCS-G 977 ODECO <i>Ocean 66</i> Chevron	12-11-75	An employee was in the process of hooking up safety blocks when a flowline fell from the shale shaker connection. The flowline swung around, knocked him overboard, and caused his death.	N/A	None	1 fatality

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Timbalier Block 177 OCS-G 1260 Platform C Gulf Oil Corp.	12-26-75	The supply boat <i>Botruc #9</i> could not offload at the platform due to 10-12' seas. The boat left the platform and headed inland to Belle Pass, but did not arrive.	USCG conducted a search and recovered 3 bodies. The fourth missing person was not found. The boat was later found in 65' of water in South Timbalier Block 46. A contract helicopter engaged in the search had an engine failure and auto rotated into the water 1 mile from Timbalier Island. The pilot was not injured and the helicopter was recovered.	None	4 fatalities
Ship Shoal Block 149 OCS 434 Platform A Signal Oil and Gas	01-02-76	An employee fell through the emergency escape access to the boat landing deck, 28 ft below. He suffered a compound fracture of the left leg and bruises about the face.	N/A		1 injury
Mississippi Canyon Block 68 OCS-G 2974 Santa Fe Drilling <i>Bluewater IV</i> American Petrofina	01-07-76	The starboard crane on the rig was unloading tools from a workboat when the work basket skidded on the workboat deck and hooked one of the bits. This caused the crane to break off its pedestal and fall overboard with the crane operator in the cab.	N/A	None	1 fatality
High Island Block A-545 OCS-G 2704 Well No. 3 MODU <i>Mission Exploration</i> Pennzoil	01-31-76	While drilling at 7,093 ft, the drillship was blown off location by a storm when one of the anchor chains parted. This caused the BOP stack and the casing strings to be bent 15 ft below the mudline.	The riser and the BOP stack were recovered, but the casing strings were so badly damaged that the well could not be salvaged.	None.	Lost well
South Timbalier Block 151 OCS 463 Platform H Gulf	02-05-76	An employee was in the process of knocking out the pins which secure the work basket to the derrick of the workover rig. As he knocked out the last pin, the basket, which had not been properly chained to the traveling block, fell and hit the control valve which operates the two block cylinders. This caused the blocks to move down, pinning the man between the basket and the block cylinders. His back was broken.	N/A	None	1 injury

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
East Breaks Block 117 OCS-G 2655 Well No. 1 MODU Mission Drilling Texaco Inc.	02-14-76	During plug and abandonment operations aboard the drillship, four employees were attempting to affix stabilizer cables to the subsea BOP stack assembly. The assembly parted at the base joint flange and the stack dropped through the moon pool pulling four men into the Gulf.	One man was rescued.	None	3 fatalities
South Timbalier Block 130 OCS 0456 Platform D Gulf	02-29-76	Several leaks caused by internal corrosion were discovered in the line. <u>C/D/</u>	Line was repaired	414 bbl oil	No recorded environmental damage; 18-in gathering line from Platform D to Bay Marshand Shore Facility.
Mississippi Canyon Block 268 OCS-G 2970 MODU <i>Pacesetter II</i> Western Oceanic Exxon	03-09-76	During drilling operations on the drillship, an employee was removing pad-eyes from a joint of 30-in casing. As another joint started in the v-door, a pad eye hung on the v-door entrance. The crane operator was signalled by the flagman to raise the casing, but when it had been raised the few inches required to clear the v-door, the casing swung onto the rig floor and pinned the employee between the joint standing in the rotary and the swinging joint.	N/A	None	1 fatality
High Island Block 110 OCS-G 2353 Platform A Conoco	03-20-76	An employee was hoisted 49 ft above the rig floor to install the top cementing plug into a casing liner. To perform the operation, he disconnected the hoist line and stood on the elevators. However, air which was apparently trapped inside the liner blew the cap off the cementing head. The cap struck the employee, causing him to fall to the rig floor.	N/A	None	1 fatality
High Island Block 136 OCS 742 Platform A Shell	04-21-76	A contract welder was seriously injured when he fell 50 ft from the lower deck of the platform to the boat landing.	N/A	None	1 injury

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Viosca Knoll Block 900 OCS-G 2445 Platform A Diamond M 93 Gulf	04-29-76	An employee made rounds early each morning to gauge drinking water and diesel fuel aboard the platform drilling rig Diamond M 93. However on this morning, he did not report back and could not be found. Investigation revealed a hatch cover out of place. The hatch cover was found 20 ft below on the production deck and his hat was found on the stairway leading to the boat landing. He was presumed to have fallen through the open hatch into the Gulf.	N/A	None	1 fatality
West Cameron Block 565 OCS-G 2015 Platform A Shell	05-14-76	A casing tool was being offloaded from a boat to the platform using the platform crane. The crane hoisting cable had been attached to a chain which had been welded to the casing tool. The chain broke while the tool, a flat piece of steel weighing 700 lb, was suspended in the air. The tool fell, struck the boat skipper and killed him instantly.	N/A	None	1 fatality
West Cameron Block 110 OCS 81 Platform E Mobil Production TX & N.M.	06-04-76	While returning to production after a shut in for repairs, the gas sales meter on the platform was accidentally subjected to extreme high pressure. This resulted in a gasket being blown out on the meter. Mercury from the meter vaporized within the building. Two employees were exposed to this mercury vapor while attempting stop the escaping gas. Both men required hospitalization, but later returned to work.	N/A	None	2 injuries
South Pass Block 28 MODU Rig No. 2 Teledyne Mobile Shell	08-02-76	The drilling crew had completed driving the 20-in drive pipe and proceeded to pull a 10-ft fillerout of the mouse hole. An extra 4- x 2 1/2-in steel filler plug was in the mouse hole atop the 10-ft filler. As this plug cleared the mouse hole it fell, rolled through the open rotary hole, and hit a flow line on the well jacket below. The plug glanced off the flow line and hit the derrickman on the head.	Use one piece fillers of correct length for the mouse hole instead of combinations of different lengths. All open holes are to be covered on the top levels of the rig during work activities.	None	1 fatality

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Eugene Island Block 63 OCS 425 Platform A Exxon Pipeline Co.	08-21-76	The work boat <i>State Command</i> rammed the living quarters platform which was sheared off above the water line and came to rest on top of the boat.	All wells in the field were shut in immediately by the ESD system.	None	Damage to the living quarters and the workboat.
High Island Block A-539 OCS-G 2700 MODU <i>Ocean Scout</i> ODECO Marathon	08-22-76	A cable on an air hoist drum unspooled suddenly, dropping the stabbing board. When the cable extended to its full length, it broke, and a casing crew employee that was on the stabbing board fell 50 ft. Another member of the casing crew received abrasions.	N/A	None	1 fatality 1 injury
West Cameron Block 534 OCS-G 2226 Platform A Chevron	10-12-76	Personnel were uncrating a prefabricated production manifold. One of the employees was struck on the head by a falling piece of timber which had been part of the crate. He received a fatal skull fracture.	N/A	None	1 fatality
Vermilion Block 214 OCS-G 2076 Platform B Chevron	10-19-76	Loading hose broke during diesel refueling operations <u>D/</u>	Shut off pump	300 bbl diesel	No recorded environmental damage
South Timbalier Block 37 OCS-G 2625 Platform A <i>Seadrill 10</i> Sea Drilling Co. Gulf	10-23-76	The crane operator was lowering 20 joints of tubing onto the platform catwalk. Because of rough seas, the load was swinging and was not turned in the desired direction. When an employee attempted to turn the load in the right direction, it suddenly swung forward and knocked him down. The crane operator didn't see him and lowered the tubing onto him, causing his death.	N/A	None	1 fatality
Ship Shoal Block 219 OCS 829 Platform A Amoco	11-02-76	The sump overflowed when the water dump valve on the low pressure separator malfunctioned. An employee fell 39 ft through an open grating, which had been removed to facilitate cleaning up the spill.	N/A	1 bbl oil	1 injury

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
High Island Block A-563 OCS-G 2388 Well No. A-5 Pennzoil	11-06-76	Blowout, gas; 6,634 ft. <u>A/</u>	Blowing gas caused crater; rig and plat- form settled.	None	Lost drilling rig, platform, and 4 wells.
South Pass Block 60 OCS-G 1608 Platform C Platform Rig 35 Penrod Drilling Co. Atlantic Richfield	11-09-76	While conducting a "pumping out" operation to remove single joints of pipe from a sticking drill string, the rotary table was used to rotate the joint in the rotary out of the kelly. Since the drill string was stuck, torque was built up in the drill string and trapped by the rotary brake to prevent the pipe from backlashing. The make up tongs were placed around the joint in the rotary. At this time, the rotary brake failed or slipped or was released in some manner, and the rotary table turned back to the left causing the makeup tongs to bite on the tool joint. The tongs swung around to the left, broke the snub line, and struck two men.	N/A	None	1 fatality 1 injury
West Delta Block 45 OCS 138 Platform A MODU <i>Salenergy I</i> Salen Offshore Conoco	11-27-76	The MODU had been jacked over the platform. The operator of the port crane was swinging the boom when it hit the star- board crane. The impact broke off the load limit switch box cover which fell, striking an employee on the head. He died in the hospital 10 days later.	N/A	None	1 fatality
Eugene Island Block 297 Tie-in of Placid's 10-in pipeline with Pennzoil's Bonita pipeline	12-18-76	A shrimp trawl pulled a 1-in ball valve loose. <u>C/D/</u>	Valve was repaired	4,000 bbl oil	No recorded environmental damage
South Timbalier Block 128 OCS 498 Platform A Gulf	01-05-77	A crew was unload- ing a drum of hydrau- lic fluid and a drum of liquid detergent when the eye of the cargo net parted. The drums fell about 25 ft, striking one employee on the head and right thigh.	N/A	None	1 injury
West Delta Block 69 OCS 181 Platform K Conoco	01-23-77	An employee was attempting to remove the top works of an adjustable choke. He was knocked overboard and was struck by the choke, which had apparently been propelled by trapped pressure.	N/A	None	1 fatality

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Timbalier Block 130 OCS 456 Platform D Gulf	01-25-77	A crane was loading a pipe rack onto the platform. An employee was attempting to move a 55-gallon drum out of the way. However, the crane operator did not see him and lowered the rack, smashing the employee's left hand between the rack and the drum.	N/A	None	1 injury
Ship Shoal Block 28 OCS 346 Transworld Workover Rig 44 Kerr-McGee	01-25-77	A wireline company was rigging down a lubricator made up of two joints of tubing. The lubricator was placed in the mousehole and the top joint was removed and laid down. The air hoist cable was tied to the joint with chain, picked up and swung out of the v-door. The hoist operator stopped lifting to check that the chain was tied securely. At this time the joint came loose, fell, and struck a service company employee on the head.	N/A	None	1 fatality
Mustang Island Block A-86 OCS-G 3062 MODU <i>Ocean King</i> ODECO Marathon	03-10-77	During a plug and abandonment operation, a 20-in spear was attached to drill pipe suspending 20/30-in cemented casing sections which had been cut. Winch lines were attached to the 30-in casing to stabilize it. The spear released accidentally causing the excessive weight of the casing to rip both winches from the deck. The winches struck two employees, killing one and injuring another.	N/A	None	1 fatality 1 injury
South Pass Block 37 OCS 0697 Platform C Texaco	03-29-77	Mud slide caused the rupture of a 12-3/4-in line. <u>C/D/</u>	N/A	250 bbl oil	N/A
South Timbalier Block 86 OCS 605 Platform A ODECO	04-22-77	A contract welder walked into the tail rotor of a helicopter and received head injuries.	N/A	None	1 injury
Eugene Island Block 77 OCS 466 Structure No. 2 Exxon Pipeline Co.	04-23-77	A service company employee slipped on a work platform while trying to stab the snubbing unit on the annular preventers and fell backward into the Gulf.	N/A	None	1 fatality

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Timbalier Block 86 OCS 605 Platform A ODECO	05-11-77	A five-ton cherry picker parted at its turntable while unloading pipe. The reason is unknown.	N/A	None	1 injury
South Pelto Block 13 OCS-G 2171 Structure No. 1 Mesa Petroleum Co.	05-25-77	A supply boat collided with a single well structure, knocking it over approximately 20 ft below the mud line at a 45° angle.	N/A	None	Damage to single well structure
Ship Shoal Block 253 OCS-G 1031 Platform D Union Oil of California	06-05-77	The derrickman slipped and lost his balance while climbing down the derrick after having freed a sheave for the electric well logging line. He fell about 20 ft and landed on a walk way surrounding the drawworks. He suffered a broken jaw, several cracked ribs, and four teeth knocked out.	N/A	None	1 injury
West Cameron Block 222 OCS-G 3269 Platform I Conoco	06-24-77	A rig building company employee fell from a height of about 45 ft. The employee was assisting in moving the rigging boom when it slipped, swung around, and knocked him from the beam he was standing on. He was killed when his head struck a girder.	N/A	None	1 fatality
Eugene Island Block 307 OCS-G 2110 Platform A Conoco	07-01-77	A drilling company employee was fatally injured while attempting to move a board with an air hoist line. There were no witnesses; however, it is believed that the air hoist line either came loose and hit his neck or the line injured his neck before he fell approximately 30 ft to a lower deck.	N/A	None	1 fatality
West Cameron Block 45 OCS 299 Platform A General American Oil Co. Texas	07-14-77	While attempting to lift some equipment from a boat onto the platform, the crane pedestal gave way due to a human error overload. The operator was not injured, but the crane was a total loss.	N/A	None	Lost crane
West Cameron Block 20 OCS 0680 Platform 6 Gulf	08-15-77	An explosion occurred during an attempt to flow a gas lift well into a holding tank. The source of ignition was believed to be the stove in the galley. <u>B/</u>	N/A	None	2 fatalities, 2 injuries, and extensive damage to a motor vessel.

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Timbalier Block 36 OCS-G 2624 Platform B Rig No. 8 Cyclops Drilling Co. Gulf	08-27-77	An employee of the drilling company had his ankle broken when a joint of drill pipe shifted as it was lifted from the pipe rack by a crane.	N/A	None	1 injury
South Timbalier Block 134 OCS 461 Booker Drilling Co. Platform No. 5 Gulf	09-10-77	An employee of the drilling company was injured when he slipped and fell from a beam in front of the rig floor to the next deck 30 ft below.	N/A	None	1 injury
South Timbalier Block 36 OCS-G 2624 Platform B Gulf	09-11-77	After repairing mud pump #1, an attempt was made from the rig floor to switch from pump #2 to pump #1. However the discharge valve of the #1 pump was closed and pressure rapidly built up on the discharge. The relief valve failed to open and the pressure blew the cylinder head off, along with some piping which struck the employees.	N/A	None	1 fatality, 1 injury.
East Cameron Block 34 OCS-G 2855 Penrod 51 Penrod Drilling Co. Well No. 3D Kerr-McGee	09-22-77	While cleaning up the well for a well test, a flow line parted. The line struck one man in the head, killing him, and struck another man breaking his leg and causing severe lacerations.	N/A	None	1 fatality, 1 injury.
Main Pass Block 144 OCS-G 1634 Chevron	10-18-77	The 8-5/8-in oil pipeline from MP 144 to MP 69 developed a large leak caused by an anchor. <u>C/D/</u>	Pipeline shut in	300 bbl oil	No recorded environmental damage
Vermilion Block 331 OCS-G 2572 Platform A Marathon	11-23-77	A roustabout fell into a diesel fuel tank while hooking up lines from the tank to a pump and drowned.	N/A	None	1 fatality

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Marsh Island Block 128 OCS 310 Platform A Pennzoil	12-08-77	A helicopter crashed while attempting to land on the platform. The co-pilot lost control as he was landing and the main rotor hit a line from the blocks on the rig crane causing the main rotor to be severed. The helicopter then skidded over the edge of the platform and fell 135 ft upside down into the water and sank immediately.	N/A	None	17 fatalities, 2 injuries.
Eugene Island Block 63 OCS 0425 Platform A Hunt Oil Co.	12-11-77 66 h	At about 4 am, a barge was towed into the platform by a tug, causing minor damage. Work to repair the platform had already begun when it was struck the following night by a work boat. The riser on a 12-in gas sales line was broken about 10 ft above the water line and the gas ignited. The gas from the pipeline burned out of control until 8 pm, 12/14/77. B/	Eliminated fuel for fire by closing valve	None	Extensive damage to platform
South Marsh Island Block 132 OCS-G 2282 Platform A Shell	12-11-77	An employee was unloading groceries from a steel box while it was still suspended by a crane. Thinking that the fast line was in a locked position, the crane operator momentarily released the foot brake control and the box dropped 2-3 ft before he could re-engage the foot brake pedal. The employee's windpipe and upper chest were crushed between the handrail and door frame on the box.	N/A	None	1 fatality
Ship Shoal Block 216 OCS-G 1524 Platform A SONAT	01-23-78	The crew was pulling pipe out of the hole. An employee was breaking out the first joint with power tongs. The snub line had been removed when the crew changed the backup heads. The power tongs swung and hit the employee in the chest and head, pinning him between the tongs and a hydraulic jack on the rig floor.	N/A	None	1 fatality
Ship Shoal Block 32 OCS 336 Well Guard 13 Kerr-McGee	01-30-78	An unknown vessel collided with the well guard leaving the structure and well caisson listing at a 35° angle.	N/A	None	Damage to single well structure.

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Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Breton Sound Block 53 OCS-G 3340 MODU Atlantic Richfield	01-31-78	Two men were on a board laid across the key slot trying to secure a loose diverter line on the bottom deck of the rig when they were washed into the keyway by a high wave. One man was able to get back on deck, but the other man drowned.	N/A	None	1 fatality
East Cameron Block 195 OCS-G 958 Platform A Aminoil Inc.	02-01-78	A service company employee fell through an access way above a well, striking the christmas tree before landing on the wellhead deck 18 ft below.	N/A	None	1 injury
South Pass Block 28 OCS 0353 Platform SAT Shell	02-02-78	While bleeding down the casings, the casing gas ignited and caused a fire on a standby boat. Several people went into the water. Two men drowned. <u>B/</u>	Manually turned gas valve off.	None	2 fatalities. Major damage to the boat.
Vermilion Block 38 OCS 205 Platform E Union Oil of California	02-25-78	A contract company employee fell through a hole in the deck grating and drowned.	N/A	None	1 fatality
South Timbalier Block 177 OCS-G 1260 Platform B Gulf	03-17-78	While lowering a BOP stack to the deck of the MV <i>Botruc 13</i> , the crane operator stopped the load about 6' above the deck of the workboat. The crane boom and cab ripped off of the spindle of the elevated deck, falling onto the boat with the cab hanging below the water. The crane was rated a 16,000 lb, and the load was 18,000 lb.	N/A	None	2 injuries, damage to crane and workboat.
Ship Shoal Block 207 OCS-G 1523 Platform A Placid	03-17-78	The MV <i>Mr. Choper</i> , an 85-ft steel hull shrimp trawler rammed the production platform causing minor damage to a 6" incoming oil line, a 4" incoming intermediate pressured gas line from SS 204-A, two stand-offs, and one 12" brace.	N/A	None	2 injuries; platform and MV damage.

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Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 249 OCS-G 1030 Platform D CNG	03-23-78	While running a 7-in flush joint liner, the sling came off allowing the liner to fall, striking an employee in the back of the head.	N/A	None	1 fatality
South Timbalier Block 35 OCS-G 3336 Platform D Gulf	04-02-78	An employee leaned against a handrail to tie in a drain line. The railing gave way and he fell 53 ft to the boat landing.	N/A	None	1 injury
South Timbalier Block 35 OCS-G 3336 Platform D Gulf	04-08-78	While tightening the wellhead flange, an employee fell from a scaffold board through a 4- by 4-ft hole in the upper deck to the production deck 21 ft below.	N/A	None	1 injury
Grand Isle Block 21 OCS-G 1445 Platform X Exxon	04-17-78	The MV <i>Master Jody</i> collided with the unattended platform. The MV sustained some hull and superstructure damage and 8 men of 14 on board were injured. The platform damage was concentrated on the east side where two horizontal members were knocked loose. A diagonal brace was buckled and the X-17 well conductor was bent and its braces broken.	N/A	None	8 injuries; platform and MV damage.
South Marsh Island Block 108 OCS 792 Platform G Conoco	04-24-78	A drilling contractor employee was fatally injured while unloading 1" pipe from the platform to the MV <i>Buster Thompson</i> . He was crushed between the vessel railing and the crane basket.	N/A	None	1 fatality
West Cameron Block 194 OCS 193 Platform F Conoco	05-03-78	An employee suffered first and second degree burns on his hands, arms and face when the vent gas from the gas powered crane he was operating ignited. B/	N/A	None	1 injury
Vermilion Block 50 OCS-G 3392 MODU <i>Penrod 55</i> Houston Oil & Minerals Corp.	05-03-78	During cementing operations, a line at the cementing unit failed. The line, a rubber hose with a quick connect coupling, came loose and struck the man on the forehead.	N/A	None	1 fatality

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Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 114 OCS 64 Platform SOB ODECO	05-21-78	A diver was removing a valve in the oil storage tank when a nipple on the air compressor broke, reducing his air supply. After surfacing in the tank, diver removed his helmet and was overcome by toxic fumes and drowned.	N/A	None	1 fatality
West Cameron Block 181 OCS-G 1971 Platform A Chevron	06-14-78	Fire, possibly caused by compressor vent gas above a boat <u>B/</u>	Fire water system	None	1 fatality, 2 injuries; minor platform damage, major vessel damage.
Ship Shoal Block 271 OCS-G 1038 Platform B CNG	06-28-78	Two men were being lifted from the MV <i>El Oso Grande</i> up to the platform in a personnel basket suspended from the hook of the fast line. During the lift, a 20-ft, four-part sling which was suspended from the load line hook became entangled with the fast line. It was postulated that the spring loaded latch on the fast line hook came in contact with a sling eye or a shackle on the sling causing the safety latch to open, and at the same time the basket jolted causing the personnel net connecting ring to jump out of the hook. The basket fell 80 ft to the deck of the MV <i>Ada Lee Fegan</i> . One man was killed and the other sustained a broken leg and a fractured jaw.	N/A	None	1 fatality, 1 injury.
Ship Shoal Block 291 OCS-G 2923 Platform A Placid	07-09-78	A helicopter lifted off from the heliport facing east. The injured say they noticed what seemed to be a heavy vibration coming from the tail section. The craft flew about 100-200 yards from the platform when the tail went down and the front went up. The helicopter then came in contact with the rig and went into the water on the north-east end of the platform.	N/A	All but one of the men on board the helicopter were brought on board the MV <i>Donnie Dirk</i> to await transportation into Houma.	11 injuries, lost helicopter, light platform damage
Vermilion Block 325 OCS-G 2089 Drilling rig Aminoil	07-24-78	The low clutch on the draw works shattered. The clutch guard was blown off, and pieces of the clutch were scattered across the rig floor.	N/A	None	2 fatalities, 1 injury.

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Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 113 OCS 67 Well Guard 30 ODECO	08-04-78	An unknown MV collided with a well guard. The impact left the structure and well casing leaning at 45°.	N/A	None	Well guard damage.
High Island Block 138 OCS-G 2680 Rig No. 30 Conoco	08-18-78	The derrick man fell and broke both legs when the stabbing board gave way.	N/A	None	1 injury
Ship Shoal Block 246 OCS-G 1027 Platform A CNG	08-27-78	The lift sling attached to the draw works came loose, dropping the drill collar. The collar struck an employee and crushed him.	N/A	None	1 fatality
Ship Shoal Block 72 OCS 060(A) Drilling rig Mobil	08-27-78	Fire caused by lube oil leak from generator engine <u>B/</u>	Rig evacuated	None	Lost motor room, quarters, and recreational area.
East Cameron Block 23 OCS-G 2853 SONAT Exp. Co.	08-28-78	The crew was running 20" casing when a welder working near the wellhead was washed overboard. Even though he was wearing a life jacket, he drowned in the high seas of tropical storm <i>Debra</i> .	N/A	None	1 fatality
Eugene Island Block 349 OCS-G 2322 Platform A Marathon	09-01-78 6 h	Fire erupted in the vicinity of the LACT unit and bulk gas separator <u>B/</u>	MV fire pump and platform equipment	None	Major damage to production facilities and living quarters
South Marsh Island Block 116 OCS-G 2095 Platform A Texaco	09-05-78	A casing crew member fell through the ladder opening of the <i>Blue Dolphin</i> drilling rig's derrick walk-around. He fell approximately 90', hitting the choke manifold.	N/A	None	1 fatality

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Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
West Cameron Block 180 OCS 0763 Platform G Well No. G-11 Tenneco	09-09-78 to 09-11-78	Blowout, gas, fire; while coming out of the hole from a total depth of 4,198 ft. <u>A/B/</u>	BOPs failed. Platform aban- doned. Well bridged.	None	Platform and rig destroyed
East Cameron Block 263 OCS-G 3299 Platform A Well A-11 Transco	09-20-78 30 min	While reversing CaCl ₂ water with a surge packer in the hole, the well came in through the tubing and broke the circulating line at the mud pits. The line apparently broke a light fixture above the mud tanks and ignited hydrocarbons in the tank. <u>B/</u>	The well was shut in and the fire was under control about 30 min later.	None	Extensive damage to drilling rig
High Island Block A-551 OCS-G 3757 Well No. 2 Drilling Rig Pennzoil	10-04-78 Less than 1 min	Blowout, gas; slip and seal assembly blew out of the hole, due to release of trapped gas follow- ing a cementing operation. <u>A/</u>	None. Release of small volume of gas dissipated immediately.	None	1 fatality, 1 injury.
Ship Shoal Block 253 OCS-G 1031 Platform A-AUX Union	10-06-78	Fire caused by spilled crude oil in pump building <u>B/</u>	Fire pumps on MV	None	Extensive damage to platform and equipment
Vermilion Block 101 OCS 0564 MODU <i>Mallard 35</i> CNG	10-27-78	A jackup workover rig tipped over and sank when one leg gave way due to hydraulic failure in the jack-up system. No work was being done on the well as the rig had broken down.	N/A	None	2 fatalities
Ship Shoal Block 247 OCS-G 1028 Platform F CNG	11-19-78	The hand railings for the cat walk and for the pipe rack were knocked off by a joint of 20" casing being picked up by the derrick. An employee fell 30 ft to the platform deck.	N/A	None	1 injury

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Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Pass Block 60 OCS-G 1608 Platform B Atlantic Richfield	12-10-78	A crane was off-loading a rig and in the process of supporting another crane. It was holding tension on the boom of the other crane to remove the last two bolts in the pedestal. The supporting crane's pedestal parted, and the operator of the supporting crane was in the cab as it fell on the other.	N/A	None	1 injury
South Timbalier Block 23 OCS 166 Platform DD Chevron	12-11-78	Two men on scaffold boards were painting below the main deck of the platform when one of the cables broke.	N/A	None	2 fatalities
Vermilion Block 179 OCS 0492 Platform B Shell	12-17-78	Barge loaded with another OCS platform broke loose and struck Platform B	N/A	None	Severe damage to B platform; platform shut in.
Eugene Island Block 57 OCS-G 2601 Platform A Marathon	12-18-78	A crane on a platform was lifting a leg on an elevating barge beside the platform for repair. The pedestal bolts failed, causing the crane and operator to fall into the water.	N/A	None	1 injury
High Island Block A-356 OCS-G 2746 Platform A Cities Service	12-31-78	The floorman fell through the opening for the derrick ladder.	N/A	None	1 fatality
South Marsh Island Block 23 OCS 776 Platform B Well #6 Gulf	01-29-79	An employee received head injuries when he was attempting to open the well after the hi-lo subsurface safety valve was reopened. Well pressure caused the flow line to part near the wing valve.	N/A	None	1 injury
Ship Shoal Block 266 OCS-G 1034 Platform A Chevron	01-29-79	Explosion; chemical cutter was being disassembled when acid and catalyst mixed. <u>B/</u>	N/A	None	1 fatality, 1 injury.

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Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Mustang Island Block A-111 OCS-G 3068 MODU <i>Zapata Concord</i> Amoco	01-30-79	While transferring fuel from the MV <i>Northern Light</i> to the rig, <i>Zapata Concord</i> , the coupling between hose lengths separated. <u>D/</u>	Shut off diesel transfer pump	320 bbl diesel	None reported
Ship Shoal Block 271 OCS-G 1038 Platform B CNG	02-01-79	The MV <i>Mr. Buster</i> was tied to the platform unloading cement while heavy seas pounded the boat against the landing bumper. A hole developed below the waterline causing the boat to sink.	N/A	None	Lost vessel.
High Island Block A-337 OCS-G 2425 Platform B-8 Exxon	02-11-79	A rig welder was struck on the head by a dropped pad eye.	N/A	None	1 fatality
Ship Shoal Block 253 OCS-G 1031 Platform A Union	02-14-79	After transferring slings from the loadline hook to the fastline hook, the crane operator proceeded to lift the loadline block to secure it out of the way. At this point, it is possible that the block was brought in contact with the boom. The cable broke about 3' from the dead end of the loadline and the block fell approximately 45', striking a man on the head and neck.	Warning devices were installed.	None	1 fatality
Vermilion Block 331 OCS-G 2572 Platform A Marathon	02-26-79	The mudpump was kicked in with the standpipe valve closed. The hose connection on the discharge end of the pump ruptured and hit a roustabout.	N/A	None	1 fatality
South Marsh Island Block 281 OCS-G 2600 Platform C Well No. C-17 Placid	03-05-79 to 04-17-79	Blowout, gas, explosion, fire; 14,615 ft. Well kicked during circulation of gas hubble after backing off from stuck drill pipe. Relief valve on mud pump released gas which ignited. <u>A/B/</u>	Closed BOPs, could not close drill stem safety valve or stand pipe valve. Relief valve on mud pump opened, and released gas which ignited. Killed well with mud.	Oily sheen in vicinity of the rig	8 fatalities; damage to drilling rig and subsidiary equipment estimated at \$2.5 million.

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Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Vermilion Block 102 OCS-G 3393 Platform B ODECO	03-06-79	During construction operations, a section of floor grating had been removed. An employee accidentally stepped through the hole. He struck his head against a lower part of the structure, causing a massive skull fracture.	N/A	None	1 fatality
West Delta Block 79 OCS-G 1874 Platform B Marathon	03-18-79	While cleaning out a small mud mixing tank, the agitator became energized, causing the driller's helper who was standing on or near the agitator, to be drawn into the mixing paddles.	N/A	None	1 fatality
South Marsh Island Block 136 OCS-G 2588 Platform B Conoco	04-21-79	An employee was crushed between a platform deck beam and a BOP stack being lifted by a crane.	N/A	None	1 injury
Vermilion Block 25 OCS-G 3390 Platform Rig <i>Salenergy No. 11</i> Well No. 6 McMoran	04-21-79 18 h	Blowout, gas, fire; 13,785 ft. While attempting to circulate a kick out through the choke with the annular and top pipe rams closed, mud and gas started coming through the rotary. Closed the bottom pipe rams, and the BOP failed below the 4 1/2" pipe rams. <u>A/B/</u>	Abandoned the rig. The well ignited and the rig capsized. Well bridged.	Trace	The rig was completely destroyed.
Galveston Block 189 OCS 092 MODU <i>Ranger 1</i> Mitchell Energy	05-10-79	The jackup rig was preparing to drill when the legs collapsed, causing the structure to overturn.	N/A	None	8 fatalities
Grand Isle Block 23 OCS 34 Platform K Exxon	05-25-79	A rig worker slipped off the gin pole and fell 110 ft.	N/A	None	1 injury

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Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 248 OCS-G 1029 Platform F CNG	05-28-79	A derrick hand fell off the derrick while performing routine maintenance.	N/A	None	1 fatality
High Island Block A-571 OCS-g 2391 Platform A CNG	07-09-79	An employee drowned when the crane ladder he was climbing fell over- board.	N/A	None	1 fatality
Eugene Island Block 105 OCS 797 Platform F Superior	07-16-79	While attempting to return to the rig floor through the rotary table by sliding back across the trolley beam, a roustabout lost his balance and fell after trying to cross a 4" pipe on the trolley beam. He fell 50', hit the No. 2 wellhead, then fell 6 more ft, hitting the Texas deck before falling a final 4' into the water.	N/A	None	1 fatality
Eugene Island Block 292 OCS-G 0994 Platform B Forest	07-20-79 90 min	Bleeding down a 16-in pipeline when the gas ignited right after break- ing a navigation light fixture. <u>B/</u>	Check valve closed; 3 boats and platform equipment were used to fight the fire.	None	Living quar- ters and 1 helicopter destroyed, second heli- copter sever- ely damaged.
Vermilion Block 217 OCS-G 1141 Platform A Tenneco	07-29-79	While loading a snubbing unit on- to the platform from a boat, the crane's back hook rollers tore loose from the pedestal. The whole crane tore loose and fell into the Gulf, carrying the operator with it.	N/A	None	1 fatality
West Cameron Block 181 OCS-G 2831 MODU <i>Drill Barge A</i> Chevron	08-03-79	A worker was check- ing the vertical- ness of the 36" drive pipe when the board slipped or broke.	N/A	None	1 fatality
Vermilion Block 31 OCS-G 2868 MODU <i>Circle Bar No. 2</i> Texaco	08-22-79	While running 7 5/8" casing, the derrick collapsed.	N/A	None	1 fatality 4 injuries

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Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
East Cameron Block 46 OCS-G 3288 Platform 1 Sonat	09-11-79	The crew were preparing to evacuate for storm Frederick. One man was washed overboard and drowned.	N/A	None	1 fatality
Ship Shoal Block 72 OCS 60(A) MODU Rig No. 6 Mobil	09-25-79	While attempting to land a helicopter aboard the rig, the tail rotor hit an obstruction causing a loss of control of the aircraft. It crashed onto the deck, scattering debris which hit two workers.	N/A	None	2 minor injuries, loss of helicopter.
Matagorda Island Block 665 OCS-G 3464 Drilling Rig No. 9 TransOcean	10-13-79	While moving a pump skid for a drilling rig, the crane broke loose and fell on top of the cab, crushing the operator.	N/A	None	1 fatality
Main Pass Block 151 OCS-G 2951 MODU Pacesetter III Texoma	11-24-79	Collision between the MV, <i>State Command</i> and the MODU, <i>Pacesetter III</i> during anchor retrieval operations in rough seas. The propeller on the MV cut a hole in the MODU hull when the MV pulled away after the rig crane lifted an anchor from the MV. In order to permit visual observation of the anchor and chain as they approached the anchor bolster during retrieval, the MODU had been deballasted to its floating draft with the top of the hull 7' below water level. <u>D/</u>	N/A	1,500 bbl diesel	Diesel tank/hull of MODU was damaged.
Vermilion Block 372 OCS-G 2576 Platform A Exxon	12-11-79	An employee set a metal pry bar down on a 110 volt cord.	N/A	None	1 fatality
Ship Shoal Block 207 OCS-G 1523 Platform A Placid	01-21-80	An air compressor cylinder head ruptured when a compressor was started against a closed block valve.	N/A	None	1 injury, lacerations, and ruptured ear drum.

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 224 OCS-G 1023 Platform D ODECO	01-23-80	Pollution; diesel valve left open. <u>D</u> /	Closed valve and installed bull plug	286 bbl diesel	None
West Delta Block 40 OCS-G 1072 Platform A Conoco	02-08-80	Fatality; employee was struck on head by the tail rotor of a helicopter.	Unknown	None	1 fatality
High Island Block A-555 OCS-G 2384 Platform A Pennzoil	02-13-80	Fatality; while preparing to skid the rig, an employee fell through a hole.	Unknown	None	1 fatality
Galveston Block 288 OCS 0709 Platform A Shell	02-19-80	Fatality; employee fell through a hole in the monkey board.	Unknown	None	1 fatality
South Timbalier Block 171 OCS-G 1255 Platform D Exxon	02-21-80	A helicopter hit the platform and crashed into a boat causing a fire on the boat. <u>B</u> /	Platform's fire system	None	6 fatalities, 1 injury.
West Cameron Block 513 OCS-G 2007 Platform B Amoco	02-26-80	The transport ship <i>Sealift Indian Ocean</i> hit the platform.	N/A	None	2 platform legs broken, heliport knocked off, other damage.
East Cameron Block 338 OCS-G 2063 Platform B Sun	03-02-80	Fatality; while skidding rig onto platform, an employee was struck by an air hoist cable.	Unknown	None	1 fatality
West Delta Block 62 OCS-G 3601 MODU <i>J Storm X</i> Mesa	03-05-80	Fatality; employee became entangled in the air oper- ated spinner tongs.	Unknown	None	1 fatality

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Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Eugene Island Block 189 OCS 0423 Platform B Shell	03-08-80	Pollution; motor vessel hit flare pile and sank. <u>D/</u>	Unknown	258 bbl diesel	Vessel sank
Mustang Island Block A-20 OCS-G 3012 MODU <i>Triton III</i> Shell	03-17-80	The starboard leg collapsed as the rig was going from 7 to 10 million lb of water in its second preloading operation. The legs had 60 ft of penetration before the accident occurred. It is suspected that the collapse was caused by the legs going through the crust of the sea floor.	The rig was de-ballasted and floated to Brownsville for repairs.	None	1 injury, major property damage.
High Island Block A-368 OCS-G 2433 Platform A Well No. A-3 Pennzoil	03-24-80 16 h	Blowout, gas, explosion, fire; caused by shallow gas. The rig was drilling at a depth of 2,505 ft when a decision was made to pull the drill pipe inside of the conductor casing and repair the mud pumps. After five stands of pipe were pulled, the well started flowing mud through the annulus. <u>A/B/</u>	One stand of pipe was returned to the hole and the kelly was installed. Closed the annular preventer. Activated the diverter system, which did not open because locking bars were installed. Gas was suddenly released during an attempt to unlock the diverter valve. The diverter hose ruptured and the gas ignited with explosive force. Firefighting boats were used.	None	6 fatalities, 29 injuries; the well and platform were lost.
Galveston Block 144 OCS-G 3374 Platform B Cities Service	04-16-80	A freighter hit the platform, knocking the heliport off. The platform is one mile from a fairway.	N/A	None	Major rig damage.
East Cameron Block 321 OCS-G 2061 Platform A Marathon	06-08-80 6 h	Fire; workboat struck and ruptured a gas line. <u>B/</u>	Fire boats	None	3 injuries, extensive damage to rig, heliport, quarters, and production equipment.
Brazos Block A-100 OCS-G 3226 MODU <i>Triton 4</i> McMoran	7-20-80	Fatality; employee was struck by falling or moving equipment.	Unknown	None	1 fatality

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Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Eugene Island Block 361 OCS-G 2324 Platform A Chevron	08-21-80 1 d	Fire, collision; a tanker collided with the platform. Bow section burst into flames. <u>B/</u>	6 fireboats	Light sheen	1 injury, extensive damage to the hull of the ship and plat- form jacket.
Vermilion Block 348 OCS-G 2271 Platform A Well No. A-1 Mesa	08-24-80 30 d	Blowout, gas, fire; well blew out dur- ing completion op- erations. About 12 h later, the gas ignited. <u>A/B/</u>	Well was killed with seawater pumped through a relief well	None	4 minor injuries, major platform and rig damage.
Sabine Pass Block 11 OCS-G 4191 Well No. 2 Tenneco	08-30-80 1 h	Blowout, oil, gas, 12,650 ft; while the pipe was being pulled out of the hole for logging operations the well began to flow. <u>A/</u>	Ran 1 stand back in hole, shut in well for 2 h. Opened well ran 8 stands into the hole. Shut in well. At- tempted to circulate gas bub- ble. Pumps failed. Contin- ued bleeding without circula- tion. Kelly, drill pipe, bot- tom hole assembly were pushed out of the hole. Well bridged.	Minor	9 injuries; derrick destroyed, minor pollution from oil base mud.
Matagorda Island Block 669 OCS-G 4065 Well No. 1 Cities Service	08-30-80 fire 1 d, blowout 2 d	Blowout, gas, 13,794 ft; explo- sion, fire. Well was swabbed while tripping out of hole. Well control lost while circula- ting gas bubble to surface, 9-5/8-in casing ruptured below BOP stack. <u>A/B/</u>	Returned drill pipe to bottom. Circulation con- tinued. Closed annular preventer. Circulated through choke manifold. Annular preventer failed. Closed pipe rams. Casing pressure increased until the 9 5/8-in casing failed at 7,200 psi. Eventually, the 13 3/8-, 20-, and 30-in casings ruptured below the BOP. Escaping gas ignited and exploded. Well bridged.	None	5 fatalities, 6 injuries; damage to jackup rig \$30 million.
Ship Shoal Block 208 OCS-G 1228 Platform F Union	09-04-80	Fatality; a cable came loose while supporting and installing a new stairway.	Unknown	None	1 fatality, 1 injury.

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Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Timbalier Block 24 OCS 0595 Platform CM Chevron	09-05-80	Lift barge <i>Star 2</i> was jacking up next to the platform in rough seas, when one leg jammed. The barge raised unevenly and capsized. Four men were thrown into the water.	Three men were rescued, but the fourth man was not found.	None	1 fatality, damage to the lift barge.
West Delta Block 32 OCS 367 Platform B Shell	09-13-80	The ship <i>Orient Coral</i> collided with the platform causing damage to the northeast corner of the structure.	N/A	None	\$1.3 million platform damage.
Vermilion Block 397 OCS-G 3141 Platform A Mesa	09-29-80	Fatality; employee was struck because of excessive slack in the power tong's snub line.	Unknown	None	1 fatality
Ship Shoal Block 170 OCS-G 3584 Platform A Sunoco	10-25-80	Fatality; two employees were re-connecting a flexible line to the BOP, when a hydraulic valve on the line came open. The well-head pressure blew the men into the rig support beams.	Unknown	None	1 fatality, 1 injury.
Eugene Island Block 189 OCS 0423 Platform B Shell	11-06-80 5 h	Explosion, fire, in vicinity of mud tanks. <u>B/</u>	All available equipment and 3 workboats	None	4 injuries; major damage to snubbing unit and upper deck, 7 buildings destroyed.
South Pass Block 57 OCS-G 2940 Platform B Chevron	11-08-80	Fatality; employee fell through the ladder hole at the derrickman's level while installing tarps for weather protection.	Unknown	None	1 fatality
High Island Block 206 OCS-G 1831 Platform A Texaco	11-14-80	Pollution; salt water pumped into oil storage tank for ballast overflowed into Gulf. <u>D/</u>	Drained tank	1,456 bbl oil	None

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Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Brazos Block 28 OCS-G 2659 Platform A Samedan	01-10-81	Fatality; employee fell 30 to 35 ft to the rig floor when he was rigging a stabbing board without a safety line.	Unknown	None	1 fatality
High Island Block 38 OCS-G 4077 Well No. 1 Placid	01-12-81 1 d	Blowout, 11,259 ft; fire occurred while drilling. Fill-up line valve was left open. <u>A/B/</u>	Closed annular preventer. Opened fill-up line to release trapped gas. Closed pipe rams. Could not close fill-up line. Abandoned rig. Well blew out through the swivel neck. Well bridged.	Light sheen	1 fatality, 2 injuries; major damage to rig and submersible barge.
Ship Shoal Block 114 OCS 0064 Platform SOB ODECO	02-15-81	Fire, vessel mishap; platform lost ballast and capsized causing fire. <u>B/</u>	Fireboats; platform righted on 02-19-81.	10 bbl oil	2 injuries; extensive damage to production package and living quarters.
Eugene Island Block 189 OCS 423 Platform B Shell	03-29-81	An employee was using a chain hoist to lift equipment. It fell when the chain slipped. The hoist struck the man on the forehead, causing him to fall backwards and hit his head on a piece of equipment, resulting in a skull fracture.	N/A	None	1 injury
High Island Block 110 OCS-G 2353 Platform B Conoco	04-06-81	Pollution; a 210-bbl mud tank ruptured and spilled the oil-base mud. <u>D/</u>	Unknown	210 bbl oil-base mud	None
South Timbalier Block 166 OCS 18 Platform D Exxon	04-08-81	While picking up two sections of rig derrick, the crane broke off at the top of the turntable and rolled over onto the deck, injuring the crane operator and one roustabout.	N/A	None	2 injuries

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Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Eugene Island Block 199 OCS 437 Platform A Placid	04-21-81	An employee's knee was crushed and his ankle broken while being lifted from a boat deck to the platform by a crane. The hookblock hit the boom head sheave assembly causing the cable to break and the man fell 50-60 ft to the boat deck.	N/A	None	1 injury
West Delta Block 45 OCS 0138 Platform C Conoco	04-27-81	An employee was on the MV <i>Pete Tide 2</i> , which was unloading drill pipe and collars from the vessel to the C platform. He was having difficulty attaching a sling preparatory to lifting the load when a board serving as a chock for the pipes became dislodged, causing the pipe to roll onto him.	Unknown	None	1 fatality
Eugene Island Block 257 OCS-G 2103 Platform E CITCO	05-02-81	Explosion; compressed air being used to clean a plugged bulk mudline entered a cement tank through a leaky discharge valve and caused an explosion which threw an employee against a pump, fracturing his back, left leg, and ribs. <u>B/</u>	Changed valve	None	1 injury
Breton Sound Block 56 OCS-G 1373 MODU <i>Big Foot II</i> Chevron	05-15-81	A derrickman was working the derrick when a stand of pipe fell across the derrick. He was attempting, without a safety belt, to grab an air hose line to attach to the stand when he lost his grip and fell. He received a possible concussion, broken femur, ankle, and wrist, lacerations, and internal injuries.	N/A	None	1 injury
Eugene Island Block 215 OCS 0578 Platform B Amoco	05-16-81	Fatality; employee was electrocuted while attempting to repair a transformer of the chemelectric treater.	Unknown	None	1 fatality
West Delta Block 31 OCS 0016 Platform H Exxon	05-16-81	A contract diver was oxy-arc-cutting well conductors in approximately 45 ft of water when an explosion of unknown origin occurred.	A backup diver was sent down. The diver was found unconscious and tangled in his hose with his diver hat and harness off. He was brought to the surface unconscious.	None	1 fatality

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Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
East Cameron Block 336 OCS-G 3388 Platform A Transco	05-25-81	Fatality; while preparing to skid the rig, an employee fell 25' from the skid beam.	Unknown	None	1 fatality
Mississippi Canyon Block 311 OCS-G 2968 Platform A Shell	06-14-81	A roustabout was removing the latch on a no. 2 cement can when it blew open, knocking him down. He received cuts on the back of his head and fractured his skull.	N/A	None	1 injury
Ship Shoal Block 169 OCS 0820 Drilling, <i>Comanche</i> Gulf	07-31-81	While transferring 5" casing from the supply boat to the drilling rig pipe rack, the casing drew together causing the sling to have a whipping action. The sling apparently then become unhooked and jarred the safety bolt latch loose. This allowed one end of the casing to fall and hit the employee.	Unknown	None	1 fatality
Main Pass Block 306 OCS-G 1677 Platform D Marathon	08-10-81	Fatality; an employee was unloading pipe and fell from the + 10-ft level to the boat landing.	Unknown	None	1 fatality
West Cameron Block 609 OCS-G 2850 Platform B Mobil	08-28-81	Fatality; while sandblasting and painting, an employee fell through an open manhole into the Gulf.	Unknown	None	1 fatality
West Delta Block 68 OCS 180 Platform U Conoco	09-11-81	A driller was attempting to open a downhole safety valve with a flexible tube which was rigged up on a wellhead to equalize pressure on top of the downhole valve. When the wellhead was opened, trapped tubing pressure caused the flexible tube to part and strike the employee below the knees, breaking both of his legs.	N/A	None	1 injury
South Timbalier Block 75 OCS-G 4120 MODU <i>Sabine IV</i> CNG	10-06-81	Fatality; while bolting a section of riser, an employee was pinned between two riser pipe flanges.	Unknown	None	1 fatality

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Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Pass Block 60 OCS-G 1608 Platform A ARCO	11-02-81	Fatality; while un-loading sacked materials from a supply boat, an employee was struck by a 3" mooring line that came loose from a mooring cleat on the platform leg.	Unknown	None	1 fatality
Main Pass Block 302 OCS-G 3603 MODU Tenneco	11-10-81	An employee was on the BOP stack while high wind and rough seas were moving the stack around. When the 2-in kill line was being removed, he caught his ring finger between the line and a ladder, cutting it off at the first joint.	N/A	None	1 injury
East Cameron Block 240 OCS-G 4101 Shell	12-01-81	Fatality; employee deliberately jumped off the tug <i>Lemco IV</i> .	A rescue attempt was unsuccessful.	None	1 fatality
Vermilion Block 226 OCS-G 1144 Platform A McMoRan	12-10-81	An employee was hit by a falling drill collar. The snatch box on the line broke. The man received internal injuries, numerous facial and neck cuts, and a cut artery.	N/A	None	1 injury
South Pass Block 60 OCS-G 1608 Platform A ARCO	12-11-81	Pollution; anchor from motor vessel caught on 8-in pipeline. <u>C/D/</u>	Replaced riser and section of pipe	5,100 bbl oil	Damage to section of pipeline from SP 60 A to SP 70 C.
South Marsh Island Block 217 OCS 0310 Platform A Texaco	01-04-82 45 min	Fire; natural gas escaped from drain flange and ignited. <u>B/</u>	Dry chemical extinguishers	None	1 injury, extensive damage.

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Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Eugene Island Block 313 OCS-G 2608 Platform B Texaco	01-07-82	An employee was burned when he was sprayed with diesel fuel as he removed a plug from the top of a diesel storage tank to check the fuel level. Apparently, filling operations by the MV <i>Juanita Patrick</i> 's pumps were not completely shut down before he replaced the tank's vent plug, which caused a pressure buildup in the tank. Ignition was most likely caused the generator engine's exhaust directly overhead. <u>B/</u>	Dry chemical extinguishers and standby boats	None	1 fatality, 3 injuries; minor damage.
Brazos Block 451 OCS-G 3935 Platform A ARCO	01-18-82	Fatality; employee drowned after falling overboard.	Unknown	None	1 fatality
High Island Block A-507 OCS-G 3755 Drilling, <i>Pool Rig 140</i> Monsanto	01-19-82	Pollution; fuel hose ruptured while refueling. <u>D/</u>	Unknown	400 bbl diesel	None
Main Pass Block 40 OCS-G 4125 Platform JA Shell ?	02-03-82	An employee lost his balance and grabbed hold of the crane block cable. His left little finger was pulled into the block, and the tip subsequently had to be amputated.	N/A	None	1 injury
South Timbalier Block 63 OCS 0599 Platform A Chevron	02-11-82	Fatality; while lowering a section of pipe through a manhole cover to the boat landing, the pipe came loose from the hook and struck two employees.	Unknown	None	1 fatality 1 injury
West Cameron Block 65 OCS-G 2825 Well No. 5 Shell	02-15-82 3 h	Fire; lubrication line came loose, spraying oil on engine exhaust. <u>B/</u>	Dry chemical extinguishers and seawater from standby boats	None	Extensive damage to engine room, other generator units, some structural damage.

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Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 114 OCS 0064 Platform H ODECO	03-01-82	Two employees were riding a 50 ft gin pole which was being hoisted inside of a microwave tower supported by three legs. One employee was riding the top of the gin pole and the other was riding the bottom. Their mission was to slowly guide the gin pole to the apex of the tower, where it was to be secured to the inside of the tower and used as a leverage mechanism to offload the tower (segment by segment) onto a workboat. When the load had been lifted 25 ft, with one man 75 ft above the deck and the other at the 25 ft level, the 1/2" manila rope winch line frayed and parted. One employee fell 75 ft, hit the gin pole twice, and fell into the other employee, ultimately landing on the deck. The second employee fell 25 ft, and one of the legs of the gin pole went through his left foot before penetrating the roof of the relay station. He also suffered a cracked vertebra in his lower back and multiple contusions. The first man suffered a fractured wrist and contusions.	N/A	None	2 injuries
Mustang Island Block A-111 OCS-G 3068 Platform A Transco	03-02-82	Serious personal injury; employee walked into helicopter rotor blade and sustained massive head injuries.	Unknown	None	1 injury
Mustang Island Block A-51 OCS G-3925 Platform A Shell	03-04-82	When pulling the drill pipe out of the hole, the elevators hung up on the tool joint, catching an employee's hand between the elevators and bails. His little finger was severed at first joint.	N/A	None	1 injury
Ship Shoal Block 189 OCS-G 4232 MODU <i>Falcon II</i> Shell	03-29-82	An employee was on top of an MV pulling in slack of the tie rope. A wave caused him to be knocked from the cleat. The rope wrapped around him and threw him 15 ft. He lost one kidney, suffered liver damage, and cracked or bruised all ribs.	N/A	None	1 injury
Ship Shoal Block 170 OCS-G 3584 Platform A Tenneco	04-04-82	A man suffered a heart attack shortly after beginning his tour of duty.	CPR was administered until a helicopter arrived. He was flown to a hospital and died the next day.	None	1 fatality
South Pass Block 89 OCS-G 1618 Platform A Marathon	04-29-82	Pollution; hose coupling parted while transferring diesel fuel.	Pumping ceased	228 bbl	None

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Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Sabine Pass Block 17 OCS-G 4143 Platform JB Shell	04-30-82	Serious personal injury; employee was helping secure hoses around a snubbing basket and fell 30-ft through an open hole, sustaining fractured vertebra in his lower back and a compressed fracture to the front of his skull.	Assured that removed grating is replaced.	None	1 injury
Ship Shoal Block 238 OCS-G 3169 Platform rig <i>Cactus 102</i> Kerr-McGee	05-23-82	An employee received multiple injuries while picking up a 7 5/8" liner from the pipe rack to place it in the v-door. The tail of the liner fell off and struck him, knocking him off the pipe rack onto the cellar deck.	N/A	None	1 injury
Ship Shoal Block 224 OCS-G 1023 unknown Platform ODECO	05-31-82	Fatality; employee apparently did not bleed high pressure off the pig trap and was struck by the cap he removed.	Unknown	None	1 fatality
Mississippi Canyon Block 311 OCS-G 2968 Platform A Shell	05-31-82	An employee was guiding casing with his left hand. The casing swung and smashed his left ring finger between the casing and an I-beam, amputating it to the second joint.	N/A	None	1 injury
East Cameron Block 47 OCS 767 Platform J Conoco	06-12-82	A mudlogger was not feeling well. He was walking to the heliport to board the helicopter when he collapsed.	He was taken to a hospital where he was pronounced dead.	None	1 fatality
Matagorda Island Block 622 OCS-G 5000 MODU <i>Gulfdrill 1</i> Amoco	06-21-82	Fatality; when the hydril was opened, trapped pressure blew the drillpipe out of the hole and struck the employee in the head.	Unknown	None	1 fatality
South Marsh Island Block 33 OCS 0780 Platform D Amoco	06-24-82	Explosion; perforating gun fired prematurely. B/	Unknown	None	2 fatalities, 2 injuries.

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Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
West Cameron Block 65 OCS-G 2825 Well No. JA-3 Shell	07-14-82 57 d	Blowout, fire; kelly hose burst during well-control procedure. Kelly cock and in-line safety valve could not be closed. Fire occurred the next day. <u>A/B/</u>	Well bridged	Light sheen	Jackup rig and derrick destroyed.
West Cameron Block 66 OCS-G 2826 Platform E Conoco	07-15-82	Fatality; while an employee was dismantling the derrick, the hook holding a piece of derrick failed and caused him to fall 118 ft to the rig floor. He was not wearing a safety belt.	Unknown	None	1 fatality
Vermilion Block 76 OCS 0249 Well No. 6 Samedan	07-20-82	Explosion; while cleaning and testing, swivel pipe exploded. <u>B/</u>	Unknown	None	1 fatality, 2 injuries.
South Timbalier Block 86 OCS-G 1555 Platform C ODECO	07-24-82	Employees were standing near the rotary table while the kelly joint was being pulled out of the hole to make a connec- tion. The hose parted when it became stuck under the travelling block track. The hose fell 15 ft hitting 3 men; one suffered a severe internal injury, and two others received minor injuries.	N/A	None	3 injuries
Matagorda Island Block 526 OCS-G 4136 Platform B Cities Service	08-01-82	Fatality; while the workboat was being offloaded, the basket pinned the employee against the boat rack.	Unknown	None	1 fatality
Mustang Island Block 85-A OCS-G 3061 Platform A Conoco	08-17-82	An employee was removing slings from a motor. He lost his balance and fell 32 ft, landed on a stairway handrail, and rolled down the stairs.	N/A	None	1 injury
East Cameron Block 94 OCS-G 3531 Well No. 2 McMoran	08-18-82	Pollution; diesel fuel transfer hose broke during refueling. <u>D/</u>	Unknown	214 bbl diesel	None

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Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Mississippi Canyon Block 311 OCS-G 2968 Platform A Shell	09-22-82	Serious personal injury; a flare tower and associated piping were being erected; an employee working on the tower fell about 50 ft and sustained a cracked pelvis on both sides and cracked lower vertebra.	Assured that employees are using the proper safety equipment.	None	1 injury
High Island Block 517 OCS-G 3481 Platform A Gulf	09-25-82	Explosion; MV <i>Angela Briley</i> was docked at the platform when an explosion occurred, cause unknown. <u>B/</u>	Unknown	None	2 fatalities; major vessel damage.
South Pelto Block 8 OCS-G 3587 MODU <i>J. Storm 11</i> Mesa	10-01-82	Serious personal injury; traveling block fell and severed both feet of an employee when the drilling line spooled off the drawworks' drum.	Unknown	None	1 injury
South Pass Block 38 OCS-G 4478 Platform 2 ODECO	10-04-82	Serious personal injury; diverter housing was being pulled from below the rotary table. When the elevators cleared the pulling tool, the housing and tool swung around and pinned an employee against the driller's console, breaking his pelvis in 4 places, rupturing his bladder and causing internal bleeding.	Unknown	None	1 injury
Mustang Island Block 757 OCS-G 3019 Platform B ARCO	10-08-82	Fatality; valve accidentally opened and well pressure caused loose hardware to strike an employee in the head.	Unknown	None	1 fatality
Eugene Island Block 361 OCS-G 2324 Platform A Well No. A-10 Chevron	10-21-82 7 d	Blowout, 4,292 ft, fire; well ignited after blowout, during development drilling. Annular preventer leaked after well kicked. <u>A/B/</u>	Well bridged	None	Drilling rig and quarters destroyed

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Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Sabine Pass Block 12 OCS-G 4377 Platform rig, <i>Ocean Queen</i> Shell	11-03-82	A crane operator was lowering 55-gal drums of waste oil when 3 drums fell from the sling 15 ft, hitting a roustabout on the head, fracturing his seventh cervical vertebra and lacerating his head.	N/A	None	1 injury
Main Pass Block 72 OCS-G 3417 Platform C Mobil	11-18-82	Fatality; employee became ill while working the tubing tongs.	Employee was flown to a hospital and pronounced dead.	None	1 fatality
High Island Block A-582 OCS-G 2219 Platform C Pennzoil	11-21-82	Fatality; while loading casing onto the pipe rack, employee was struck from behind by the casing and knocked 27-ft to the deck.	Unknown	None	1 fatality
Vermilion Block 320 OCS-G 2067 Platform B Sun	11-26-82	Fatality; employee fell overboard while trying to tie up a boat in rough seas.	Unknown	None	1 fatality
Ship Shoal Block 198 OCS-G 593 Platform I Tenneco	11-29-82	An employee opened a valve that transmitted well tubing pressure of 2,400 lbs to the fluid reservoir cylinder of the dead weight tester. The reservoir cylinder blew off and gave the man a serious abdomen puncture wound.	N/A	None	1 injury.
West Cameron Block 180 OCS 0763 Platform A Tenneco	12-03-82	Collision; helicopter crashed into the sea upon approaching the platform.	Rescued	None	2 fatalities, 2 injuries.
West Cameron Block 648 OCS-G 4268 Platform A Sun	01-06-83	Serious personal injury; testing bar blew up derrick, striking the derrick man. His left eyelid and eyebrow were cut away, and his scalp was split open.	Unknown	None	1 injury

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Brazos Block A-105 OCS-G 1757 Platform A Union	01-19-83	Fatality; three men who were offloading a boat from the platform were washed into the Gulf. All three were recovered, but one had drowned.	Rescue operation	None	1 fatality
Snip Shoal Block 214 OCS 0828 MODU <i>Transworld 54</i> Kerr-McGee	01-28-83	Serious personal injury; employee was working 47 ft high, breaking out logging tools, when he fell to rig floor and fractured his back.	Unknown	None	1 injury
West Cameron Block 102 OCS 0247 Platform 16 Superior	01-30-83	Pollution; hose parted while off-loading oil-base mud to the barge. <u>D/</u>	A barge with a vacuum cleaned up the residue.	800 bbl oil-base mud.	None
Ship Shoal Block 207 OCS-G 1523 Platform B Placid	02-06-83	While changing out the orifice plate in the 4" orifice fitting on the gas outlet of the test separator, an employee bumped the wrench on the slide valve causing it to open. The pressure from the separator blew the orifice plate into his face, causing severe facial injuries including an eye that was displaced from the socket.	N/A	None	1 injury
Eugene Island Block 275 OCS-G 0998 Platform A Texaco	02-20-83 20 min	Fire; The LACT unit shutdown panel was leaking natural gas, and was possibly ignited by friction from an adjacent pipeline pump clutch. <u>B/</u>	Dry chemical extinguishers	None	Extensive damage to the LACT building, shutdown panel and pipeline pump.
Ship Shoal Block 295 OCS-G 3999 Platform A CNG	03-01-83	As a helicopter descended, the collective control was lost 15 ft above the heliport and the craft landed hard, collapsing the skid assembly. The craft spun 180 degrees and the tail rotor hit a fence. The main rotor hit the fence and the heliport, and broke off. The pilot and one passenger received minor injuries, and another passenger had two broken ankles and a hand injury.	N/A	None	3 injuries

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Pass Block 37 OCS-G 1335 Platform C Gulf	03-18-83	Explosion; the safety lock on the scraper trapdoor was not secured while preparing to launch a scraper. An explosion occurred and blew the door off. <u>B/</u>	Unknown	None	1 fatality
High Island Block 170 OCS-G 4733 Well No. 3 Exxon	03-20-83	Pollution; anchor of workboat broke, allowing the boat to drift over the leg of the rig, knocking a hole in the fuel tank. <u>D/</u>	Unknown	320 bbl diesel	Hole in fuel tank
Main Pass Block 102 OCS-G 3798 MODU <i>Transworld 68</i> Kerr-McGee	03-27-83	Rotary beam was set on rig floor with a crane. The crane had been disconnected and reconnected to a 3" flexible tube. Prior to lifting the line, the rotary beam fell, trapping a man between the beam and the v-door post, breaking his legs above the knees.	N/A	None	1 injury
Ship Shoal Block 229 OCS 0830 Platform C Kerr-McGee	03-28-83	An employee was replacing balls in a pump. As he was putting it back together, it slid and smashed his right index finger, which later had to be amputated at the first joint.	N/A	None	1 injury
Eugene Island Block 189 OCS 0423 Platform B Shell	04-14-83	Pollution; diesel hose parted while offloading diesel from workboat to drilling rig.	Unknown	200 bbl diesel	1 injury
West Delta Block 74 OCS-G 1084 Platform F Exxon	04-20-83	An employee had unshackled a 5'x9'x-27' wireline derrick from crane slings when it began to rock as the crane operator pulled the slings out of the derrick bracing. Wind caused the derrick to fall on the man, who suffered a compound break of his right leg, a crushed left knee cap, cracked shoulder, and head lacerations.	N/A	None	1 injury
Ship Shoal Block 198 OCS 593 Platform G Conoco	06-16-83	A worker received major injuries as he fell 28 ft onto a boat dock and then into the water.	N/A	None	1 injury

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 181 OCS-G 4231 Platform B Tenneco	06-20-83	An employee was standing on a mud tank with his legs inside a coil of hose that led down to a boat. He cut a rope holding the coil in place and the weight of the hose pulled the coil against him, knocking him down to the second deck. He broke three ribs, punctured his right lung, and fractured his hip.	N/A	None	1 injury
Main Pass Block 293 OCS-G 1670 Platform A Sun	06-28-83	Serious personal injury; employee fell in generator building and his hand struck the generator blades, severing his thumb and two fingers of his left hand.	Unknown	None	1 injury
South Timbalier Block 165 OCS-G 1251 Platform A Exxon	07-08-83	Serious personal injury; glycol shipping tank came down upon employee's right foot, lacerating his toes. Employee was not wearing safety shoes.	N/A	None	1 injury
East Cameron Block 222 OCS-G 2037 Platform A Amoco	07-12-83	Serious personal injury; an employee was operating a crane. The fast line parted and the ball fell through the cab, resulting in compound fractures to his right hip, hand, and leg.	Unknown	None	1 injury
Matagorda Island Block 657 OCS-G 4139 Platform B Well No. 1 Exxon	07-20-83 1-1/2 d	Blowout, gas, 3,748 ft; well began to flow after losing circulation and pumping seawater into annulus. Δ /	Diverter system activated. The annular BOP rubber ruptured. The rig was evacuated. The well broached around conductor and the rig toppled. The well was bridged.	None	Lost rig
West Delta Block 40 OCS-G 1072 Platform A Conoco	07-27-83	Fatality; while preparing to spin test a gas turbine meter, the meter assembly blew off and struck the employee. He had apparently failed to block and bleed off the pressure on the test separator and was in the process of removing the half clamps on the meter assembly.	Unknown	None	1 fatality
East Cameron Block 321 OCS-G 2061 Platform A Marathon	09-01-83	Fatality; employee was standing on a wet surface adjusting a portable light when he received a fatal electrical shock.	Unknown	None	1 fatality

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 208 OCS-G 1228 Platform A Marathon	09-01-83	Fatality; employee fell from structure.	Unknown	None	1 fatality
West Cameron Block 211 OCS-G 4392 Platform No. 1 ARCO	09-23-83	Fatality; employee fell overboard and drowned.	Unknown	None	1 fatality
West Delta Block 89 OCS-G 1088 Platform C Amoco	09-26-83	While locking out pipe settings on the power tongs, a man's left glove got caught in the tongs and pulled his hand into the tong gears. The gears amputated the index finger above the second knuckle and lacerated his middle and ring fingers.	N/A	None	1 injury
South Pelto Block 19 OCS 0073 Well Guard #6 ODECO	10-09-83	Serious personal injury; employee smashed between platform landing and boat. He sustained an injured pelvis pelvis and lacerations of small intestines and colon.	Unknown	None	1 injury
East Breaks Block 160 OCS-G 2647 Platform A Well No. A-28 Union	10-13-83 17 h	Blowout, gas, fire, 4,817 ft; high- pressure gas was encountered and di- verted for 35 min; one of the diverter lines ruptured, and the gas ignited. The fire was extinguished the next day, when the well bridged. <u>A/B/</u>	Actuated diverter. None Rig was evacuated and well bridged.	None	Extensive damage to two rigs and platform
Eugene Island Block 10 OCS-G 2892 Well No. 3 Transco	10-20-83 7 d	Blowout, fire, 15,573 ft; well began to flow dur- ing workover op- erations. Drill- string safety valve began to leak at stem, causing well to ignite. <u>A/B/</u>	Pumped mud down annulus. Drill-string safety valve began to leak at stem, causing well to ignite. Killed well and extin- guished fire.	None	Extensive damage to rig

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Eugene Island Block 208 OCS 0577 Platform E Conoco	11-20-83	Fatality; while working on a ladder installing bolts, employee fell 36 ft and landed on a horizontal brace at the 10-ft level.	Unknown	None	1 fatality
Eugene Island Block 44 OCS-G 3990 Drilling Mobil	12-27-83	Fatality; while assisting in pipe rack operations, a joint of 5" drill pipe slipped out of the tail chain and struck the employee.	Transported by helicopter to a hospital and pronounced dead.	None	1 fatality
Ship Shoal Block 269 OCS-G 1036 Platform A Union	01-06-84 a few min	Fire; falling slag ignited oil on the water. Three people jumped overboard, and only one was recovered. One man burned to death on the middle deck. <u>B/</u>	Rescue operation	Unknown	3 fatalities, 9 injuries.
Ship Shoal Block 346 OCS-G 5577 MODU <i>Coral Sea</i> Chevron	01-24-84	An employee was hit on the chin by a chain binder and fell 30 ft from the BOP stack to the deck.	N/A	None	1 injury
Ship Shoal Block 198 OCS 593 Platform G Conoco	02-03-84	The tip of an employee's middle finger was severed when a 20' joint of 8" pipe fell and caught his finger between the pipe and the channel iron on the gas header.	N/A	None	1 injury
South Timbalier Block 86 OCS-G 0605 Platform A ODECO	02-04-84	Serious personal injury; employee was drying belts on a running engine. His right hand was caught in the belts, fracturing his fingers and cutting the tendons.	N/A	None	1 injury
West Cameron Block 605 OCS-G 2231 Platform A Amoco	02-05-84	Fatality; while picking up a logging unit weighing 16,000 lb, the crane broke at the pedestal and fell into the Gulf with the operator.	Unknown	None	1 fatality

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Timbalier Block 194 OCS-G 5610 Platform D Exxon	02-17-84	Fatality; employee was struck on the head and shoulders while laying down drill collars.	Unknown	None	1 fatality
East Breaks Block 172 OCS-G 6283 Platform rig, <i>Century</i> Texaco	02-26-84	An employee in the mud pit area slipped and fell. He grabbed at a ventilation fan; his right hand went through the expanded metal fan cover and his thumb was severed.	N/A	None	1 injury
South Timbalier Block 34 OCS-G 4842 MODU <i>Transworld 72</i> Kerr McGee	03-09-84	Fatality; employee fell 25 ft while rigging down a flare boom.	Unknown	None	1 fatality
Mustang Island Block 868 OCS-G 6013 Platform rig <i>Seabee</i> Exxon	03-19-84	An employee was trying to stop the elevators from swinging and got his finger caught between the elevators and the bales. His left thumb was severed at the first joint.	N/A	None	1 injury
South Timbalier Block 156 OCS-G 2928 Platform A Amoco	03-20-84	Fire; high winds blew water into radio equipment building, causing electrical fire. <u>B/</u>	Unknown	None	Destroyed radio equipment building
Ship Shoal Block 85 OCS-G 5539 MODU <i>Transworld 73</i> Chevron	03-25-84	Serious personal injury; crane operator stumbled on a wrench on floor of the crane and his hand went into an open gear box, severing four fingers of his left hand.	Unknown	None	1 injury
East Cameron Block 215 OCS-G 3297 Platform A Samedan	04-03-84	Fire, explosion; glycol reboiler exploded when sprayed by condensate. <u>B/</u>	Extinguished	None	Extensive damage to platform

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
West Cameron Block 405 OCS-G 3280 Platform A Getty	05-14-84	Fire, explosion; gas venting from drain lines beneath the living quarters and the generator room was ignited when an air conditioner in the living quarters was started to relieve gas detected by the alarm system. B/	Extinguished	None	1 fatality, 1 injury.
Main Pass Block 43 OCS-G 1052 Platform K Chevron	06-17-84	Fatality; employee, working on scaffold, unhooked scaffolds to move, fell to the 10-ft level before falling in the Gulf.	Unknown	None	1 fatality
High Island Block A-6 OCS-G 4734 Platform A Shell	07-29-84	Explosion; perfora- tion gun fired prematurely. B/	Unknown	None	1 fatality, 2 injuries.
Brazos Block A-20 OCS-G 3472 Platform A Shell	08-08-84	Fatality; employee fell overboard and drowned.	Unknown	None	1 fatality
East Cameron Block 322 OCS-G 2254 Platform A Aminoil	08-17-84	A welder was cutting away grating while standing above, or nearby, an aluminum tank on a production platform. The tank contained emulsion breaker. Apparently, welding slag penetrated the aluminum and ignited the emulsion breaker, causing an explosion and fire. The welder was fatally injured and his helper suffered second and third degree burns B/	Extinguished by the crew.	None	1 fatality, 1 injury.
Vermilion Block 31 OCS-G 2868 Drilling Texaco	08-23-84	Fatality; while driving pilings and preparing a rig site, the equipment fell over and crushed the employee.	Unknown	None	1 fatality
Eugene Island Block 158 OCS-G 1220 Platform 10 Shell	09-04-84	A worker fell 24 ft from a scaffold and landed stomach-first across a handrail. He suffered abdominal injuries and a broken leg.	N/A	None	1 injury

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 241 OCS-G 1026 Platform A Shell	09-14-84	Upon lift-off, a helicopter snagged a right rear skid float on the "hatch-dog" of the oil tank gauge hatch. The pilot lost control of the aircraft and crashed into the top deck of the platform. The pilot suffered a broken ankle and lacerations to the face and head.	N/A	None	1 injury, \$500 damage.
Green Canyon Block 70 OCS-G 5894 MODU <i>Penrod 75</i> Well No. 1 Conoco	09-14-84 10 min	Blowout, gas, fire; after completing a well kick operation at 9,535 ft, the subsea BOP stack was circulated and vented. Upon opening the annular BOP, remaining trapped gas came up the riser and ignited. <u>A/B/</u>	Well bridged	None	4 fatalities, 3 injuries, \$15 million damage to drilling rig.
Breton Sound Block 55 OCS-G 1372 SAT # EB Chevron	09-26-84	Fatality; employee was attempting to re-establish flowing status of the well. After removing bolts from the clamp which secures the choke cap, the cap was tapped with a wrench, the cap ruptured, and struck the employee in the face and throat.	Unknown	None	1 fatality
South Timbalier Block 24 OCS 387 MODU <i>Apache</i> Chevron	10-19-84	An employee was offloading a boat when the tip of his finger was removed as it got caught between the sling and a shackle.	N/A	None	1 injury
Ship Shoal Block 253 OCS-G 1031 Union	10-22-84	Wave action caused an MV to drop suddenly while a choke manifold was being offloaded by a crane. The shock load caused the hearing brace between the crane and pedestal to fail. The crane fell into the gulf, and the operator was thrown onto the generator building and then into the gulf, suffering multiple injuries.	N/A	None	1 injury
East Cameron Block 58 OCS-G 3530 Platform A Union	11-22-84	Fatality; while lifting a work string, a pup joint above the control head broke and fell, striking two employees.	Unknown	None	1 fatality, 1 injury.

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Mississippi Canyon Block 239 OCS-G 6943 MODU SEDCO 72 Exxon	11-25-84	An employee suffered an amputation of his little finger as it was caught between BOP dolly beam and BOP dolly.	N/A	None	1 injury
Ship Shoal Block 218 OCS-G 1022 MODU Transworld 59 Kerr-McGee	12-09-84	A diver was working topside guiding a 1/2" wire rope through a snatch block on the bottom skid of the rig. His left ring and pinky fingers got crushed and were cut off at second joint.	N/A	None	1 injury
Vermilion Block 245 OCS-G 1146 MODU Griffin-Alex 7 Tenneco	12-24-84	An employee was pulling the tongs away from casing after making a connection. His right little finger was caught between the tongs and drill collars standing in the derrick and was severed.	N/A	None	1 injury
West Cameron Block 534 OCS-G 2226 Platform A Chevron	12-27-84	Fatality; a crane struck a cargo basket on top of the bunkhouse and knocked it onto two employees coming out of the living area.	Unknown	None	1 fatality, 1 injury.
Green Canyon Block 116 OCS-G 5904 MODU Seven Seas Shell	01-06-85	While rehousing a lifeboat, a man's hand was on the cable and his fingers got caught in sheaves. The result was a partial amputation of his little finger.	N/A	None	1 injury
Green Canyon Block 185 OCS-G 5910 Drilling Conoco	01-15-85	Fatality; employee was standing on top of the cable reel changing the brake band when he slipped and fell 40 ft to the Gulf, striking the fairleader at the water level.	Unknown	None	1 fatality
East Cameron Block 215 OCS-G 3297 Platform A Samedan	01-30-85	Fire; the production separator was being purged to flare when gas migrated to the living quarters and was ignited by the lighting of a cigarette. <u>B/</u>	Ceased	None	2 injuries, major property damage.

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
East Cameron Block 14 OCS-G 1440 Well B-11 Mobil	02-04-85	Fatality; while jacking the rig to work level, the rig toppled over and four men were thrown overboard.	Unknown	None	1 fatality, damage to rig and structure.
Eugene Island Block 361 OCS-G 2324 Platform A Chevron	02-14-85	Crane toppled over; welded beams holding the crane to the platform deck sheared while the crane was lifting the quarters building from the cargo barge.	Unknown	None	1 fatality, 2 injuries.
South Pass Block 62 Pipeline ROW OCS-G 1294 Shell	02-16-85	Pollution; buried pipeline had a hole in the concrete coating and a circumferential crack. Damage occurred in original construction. <u>C/D/</u>	Clamp installed	320 bbl oil	Loss of 14 birds: ducks, gulls, and loons. Beaches cleaned up.
High Island Block A-571 OCS-G 2391 Platform B CNG	02-21-85	Fire; the high-pressure sensor on the flow line was bypassed and caused the relief valve on the high pressure separator to open. The asbestos gasket failed on the inspection plate and escaping gas ignited and exploded. <u>B/</u>	Platform shut in, fire ceased.	None	5 injuries, major damage to platform and helicopter.
South Timbalier Block 240 OCS-G 6775 Drilling ARCO	03-09-85	Fatality; while the traveling block hook was being moved, with a crane, the hook shifted, forcing the slings to slip, and crushing the employee.	Unknown	None	1 fatality
Mississippi Canyon Block 194 OCS-G 2638 Platform A Shell	03-10-85	Serious personal injury; employee was cleaning the radiator on a generator with a rag when the fan blade severed his hand at the wrist.	Unknown	None	1 injury
Ewing Banks Block 1003 OCS-G 6933 MODUDiamond M Eagle Sohio	03-18-85	Fatality; while torquing bolts with a hydraulic bonnet bolt tensioner, the wrench disengaged and struck the employee.	Unknown	None	1 fatality

MAJOR ACCIDENTS

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Ewing Bank Block 1003 OCS-G 6933 MODU <i>Diamond M Eagle</i> Sohio	03-29-85	An employee was securing a buoy on the boat deck when the chain broke loose and struck his hand, severing his ring finger.	N/A	None	1 injury
Eugene Island Block 336 OCS-G 5521 MODU <i>Mr. Si</i> Mark Producing	04-17-85	An employee was climbing to the front of the port crane to check the generator for the hook when he fell approximately 30 ft, fracturing his lower back.	N/A	None	1 injury
Eugene Island Block 85 OCS-G 5487 Platform 2 Amoco	04-18-85	Serious personal injury; with the stripper head unit running, employee's glove hung up on the chain and pulled his left hand through the sprocket severing his fingers.	Placed guards over chains	None	1 injury
Green Canyon Block 152 OCS-G 7022 Drilling Marathon	04-20-85	Fatality; employee tapped a pressurized quick disconnect on the kill line when the connector ruptured and struck him in the face.	Unknown	None	1 fatality
South Marsh Island Block 061 OCS-G 1196 Drilling Tenneco	05-01-85	Fatality; while an employee was attempting to lower the kelly hose, a hammer placed inside the hose fell and struck him on the head.	Unknown	None	1 fatality
Vermilion Block 245 OCS-G 1146 Tenneco	05-03-85	While changing a lift cable on a survival capsule, an employee's foot was pulled into the drum gear as the winch was engaged. One toe was severed and bones in his left foot were broken.	N/A	None	1 injury
Main Pass Block 102 OCS-G 3798 Platform C Kerr-McGee	05-19-85	An employee was moving grating by hand when his finger got caught between it and the tip was severed.	N/A	None	1 injury

MAJOR ACCIDENTS

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Green Canyon Block 254 OCS-G 7049 Placid	06-03-85	Pollution; flow meter malfunctioned while off-loading fuel from supply boat to rig. D/	Unknown	643 bbl diesel	None
South Pass Block 94 OCS-G 1620 Platform A Exxon	06-08-85	Fatality; while painting between the escape capsule and the rig, the employee fell off the deck area into the Gulf and drowned.	Unknown	None	1 fatality
South Marsh Block 41 OCS-G 1192 Platform A Chevron	06-14-85	A diver was installing a caisson centralizer when his thumb was caught and severed between the conductor and centralizer.	N/A	None	1 injury
Eugene Island Block 208 OCS 0576 Platform I Samedan	06-14-85	Serious personal injury; tool fell out of lubricator, struck an employee behind his collar bone and penetrated his upper body.	Unknown	None	1 injury
High Island Block A-343 OCS-G 2741 Platform A Exxon	06-19-85	Fatality; employee was electrocuted while coiling an extension cord in the rain.	Unknown	None	1 fatality
Ship Shoal Block 358 OCS-G 5585 MODU <i>Ocean Endeavor</i> Mobil	07-01-85	An employee had secured his safety belt to the stabbing board instead of the derrick, but he didn't secure the dogs of the board to the track. The cable supporting the board broke, and the man fell 40'. He suffered a skull fracture and internal injuries.	N/A	None	1 injury
South Pelto Block 19 OCS 0073 Drilling ODECO	07-13-85	Fatality; while the shooting nipple was being raised to remove a core gun, a valve fell from the cross-over sub and struck the employee in the head.	Unknown	None	1 fatality

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Pass Block 93 OCS-G 1619 Platform B Exxon	08-02-85	Serious personal injury; employee fell from pipe rack to platform deck and broke his back.	Unknown	None	1 injury
East Cameron Block 82 OCS 406 Shell	08-21-85	After cutting a section of riser, a pipe slid through a riser clamp, hitting an employee's thumb against a handrail and severing it.	N/A	None	1 injury
West Cameron Block 101 OCS 246 Platform L-1 Mobil	09-20-85	An employee bent over to pick up a hose, lost his balance and fell through the deck hatch 40 ft onto the well deck. He struck the flow line, which is 10 ft off the deck, before striking the deck. He also hit his head on a pneumatic valve control.	N/A	None	1 injury
South Timbalier Block 295 OCS-G 5646 Platform Unknown Shell	09-26-85	Serious personal injury; the fast-line on the crane broke and struck the employee, amputating his foot at the heel.	Unknown	None	1 injury
West Delta Block 79 OCS-G 1449 Drilling Marathon	10-03-85	Fatality; employee was riding the air hoist up the derrick to free a rope when he was pulled into the monkey board and his riding belt broke, causing him to fall 90 ft to the rig floor.	Unknown	None	1 fatality
South Timbalier Block 54 OCS 0019 Platform A Exxon	10-24-85	Serious personal injury; pressure relief plate blew off of compressor engine, badly burning employee.	Unknown	None	1 injury
South Timbalier Block 86 OCS 0605 Platform A ODECO	10-27-85	Platform A experienced structural failure and subsequently collapsed into the water due to the presence of Hurricane Juan. Five ODECO personnel were washed overboard and were subsequently rescued by the U.S. Coast Guard.	N/A	None	Loss of Platform

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Pelto Block 19 OCS 0073 OBM Header, Single-Well Protector ODECO	10-27-85	The OBM Header Platform and the three-pile, single-well protector experienced structural failure and subsequently collapsed into the water due to the presence of Hurricane Juan.	N/A	None	Loss of Platform
Grand Isle Block 86 OCS-G 5860 MODU, <i>Penrod 61</i> Chevron	10-28-85	Fatality; hurricane caused rig evacuation and the listed rig became afloat and collided with another rig. No detailed information on the fatality.	Unknown	None	1 fatality
Vermilion Block 397 OCS 0396 Platform A Mesa	10-29-85	Fatality; employee slipped on loose grating and fell through, striking his head on the structural members before falling into the Gulf.	Unknown	None	1 fatality
Vermilion Block 331 OCS-G 2572 Platform A Marathon	11-09-85	A diver was securing a buoy to the sub-sea template. His hand was entangled in a rope that went around the cable. As the boat surged, his hand was pulled through a snatch block, cutting off the last joint of his finger.	N/A	None	1 injury
West Cameron Block 648 OCS-G 4268 Platform A Well No. A-1 Sun	12-03-85 to 01-20-86	Blowout, gas, fire; occurred during workover operations. Fire occurred 12-07-85 and burned until 12-31-85. Well was killed on 01-20-86. <u>A/B/</u>	Closed annular and pipe rams. Shut in platform wells. Evacuated platform. Pumped water into structural casing in an attempt to extinguish the fire. Two relief wells were being drilled when the well was killed after pumping 40 bbl of cement.	None	3 minor injuries; workover rig and well bay area were destroyed.
West Cameron Block 352 OCS-G 2839 Platform A Mobil	12-07-85	An employee was throwing rope to the platform when the boat rolled, catching his finger between the boat's rail and the landing. The tip of his finger was cut off.	N/A	None	1 injury

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 129 OCS-G 7751 MODU, <i>Marlin 4</i> Tenneco	12-10-85	A gust of wind blew a watertight doorway closed on the hand of an employee. His first joint on his left middle finger was severed.	N/A	None	1 injury
Ewing Bank Block 826 OCS-G 5800 Drilling Sohio	12-25-85	Fatality; when drill pipe was being lifted with the air hoist, it swung free and pinned the employee between the hoisted pipe and the pipe in the mousehole.	Unknown	None	1 fatality
High Island Block 555 OCS-G 2384 Platform A Pennzoil	01-10-86	Fatality; after an employee was lowered to a boat during unloading procedures, a large wave hit the boat, moving a cargo box that crushed him.	Unknown	None	1 fatality
Mustang Island Block 739 OCS-G 4064 Platform A Marathon	01-10-86	A stand of pipe was being placed in the hole when it did not latch correctly and fell on an employee's left foot. The big toe had to be amputated.	N/A	None	1 injury
High Island Block 139 OCS-G 3235 Platform A Mobil	01-15-86	Serious personal injury; during a tubing pressure test, employee was struck by propelled debris, knocking him down and breaking his neck.	Unknown	None	1 injury
Matagorda Island Block 685 OCS-G 4548 Platform B Cities Service	01-24-86	An employee was grinding metal when a piece of metal flew into his safety glasses, causing serious eye damage.	N/A	None	1 injury
Matagorda Island Block 669 OCS-G 4065 Platform D Drilling Cities Service	02-01-86	Fatality; while cleaning a lower deck, an employee fell 47 ft through an opening and hit a template guide. A second employee was injured trying to rescue the fatally injured employee.	Attempted rescue.	None	1 fatality, 1 injury.

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
West Delta Block 105 OCS 0842 Platform E Drilling McMoran	06-28-86	Fatality; when measuring the crown, employee unhooked his safety belt and fell 135 ft through a ladder hole to the floor.	Unknown	None	1 fatality
South Pass Block 65 OCS-G 1610 Platform A Shell	07-15-86	When a crane began to lift a load, the rigger caught a finger between the cable and pulley when he was trying to guide the crane block through the beams. His finger was severed.	N/A	None	1 injury
West Delta Block 90 OCS-G 1089 Platform B Amoco	09-07-86	After placing a joint of drill pipe in the mouse hole, the elevators swung back and struck the drill pipe in the rotary. The elevator horn caught an employee's hand against the bail and severed the joints of two fingers on his right hand.	N/A	None	1 injury
Eugene Island Block 238 OCS-G 0982 Platform E Chevron USA	09-19-86	Helicopter crashed into the living quarters. The main rotor blade struck a man sleeping in his bunk.	Rescued pilot	None	2 injuries
West Cameron Block 71 OCS 0244 Well No. 12 Mobil	11-10-86 2 to 3 min	Blowout, gas, explosion, fire; pipe parted during snubbing workover operations. Escaping gas ignited on top deck. <u>A/B</u>	Closed master valve	None	2 fatalities, 1 injury.
South Pass Block 65 OCS-G 1610 Platform A Shell	12-30-86	A pipeline between platforms SP 65-A and SP 62-A leaked. The cause is thought to be either anchor dragging or initial construction damage. <u>C/D/</u>	The leaking section of pipe was cut out and replaced using two hydrocouplers.	210 bbl oil	External pipeline damage

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Main Pass Block 305 OCS-G 1676 Platform A Marathon	01-11-87	A roustabout was installing a 400-ft ³ halon bottle and a valve was broken off in the process. The wildly gyrating bottle struck his lower legs and fractured his foot. The sudden release blew him against objects in the area. He also sustained skin abrasions and respiratory distress due to the air displacement in the confined area.	N/A	None	1 injury
Eugene Island Block 190 OCS-G 3994 Penrod Rig 83 Forest Oil	12-21-87	A helicopter crashed into the bow leg of the Penrod Rig 83, fell onto the landing pad and ignited. <u>B/</u>	The fire was extinguished by the rig crew.	None	14 fatalities, 1 injury; helicopter destroyed, rig damaged.
Galveston Block 2-A OCS 0732 Amoco	02-07-88	A ship dropped an anchor and dragged it along the bottom. A pipeline that was buried 3 ft was picked up by the anchor to 8 ft above the mud line and ruptured. <u>C/D/</u>	Pipeline was shut in and repaired by installing a 40 ft section of pipe with a gripper type connection with ball joint flanges on both ends. The line was then reburied 3 ft below the mud line and was returned to service.	15,576 bbl oil	Damage \$250,000
High Island Block 167 OCS-G 6201 MODU, <i>Apollo III</i> Western Oceanic Santa Fe Minerals Corp.	03-08-88	During a cementing operation, three men disconnected a flexible tube from the wellhead to move and connect the line to the casing annulus. While moving the line across the drill floor, an automatic valve suddenly opened and released high pressure mud and gas into the flexible tube. The discharge of the high pressure caused the line to whip about violently and strike one of the men in the back of the head, causing a fatal injury.	N/A	None	1 fatality
Vermilion Block 255 OCS-G 1152 Platform B Forest	07-14-88	Helicopter developed trouble just after takeoff, made a soft landing in the water, and then turned over, sank.	15 of the 16 people on board were rescued. One man was presumed to have gone down with the helicopter.	None	1 fatality, 1 injury; helicopter was lost.

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Main Pass Block 133 OCS-G 1633 Platform A Chevron	09-23-88 4 1/2 h	A fire was discovered and reported on this unmanned platform. The no. 3 packing gland nut on an oil pipeline pump had loosened and possibly allowed crude oil to leak past the plunger and accumulate on the deck while the pump was in operation. The investigating committee surmised that sufficient gas was emitted from the crude oil to form a combustible mixture, which was ignited by an unknown source. <u>B/</u>	6 fire fighting boats fought the fire with water spray.	None	The pipeline pump and header were severely damaged. The generator skid electrical control panel was completely destroyed. Est. damage was \$5.5 million.
West Cameron Block 617 OCS-G 2559 Platform A Mobil	11-04-88	Helicopter crashed on takeoff. Six people were on board, and four are missing and presumed dead.	2 people were rescued.	None	4 fatalities 2 injuries

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Main Pass Block 299 OCS-G 9372 Teledyne Mobile No. 16 Well No. 11 Freeport- McMoran	01-08-89 21 d	Blowout, gas; 1,387 ft, fire. 10 3/4-in surface casing was set and cemented at 1,387 ft. While nipping up the BOP, gas was noted outside the surface casing.	Two spray boats commenced spray- ing as soon as protective breath- ing apparatus arrived. Spraying continued with three boats until the rig collapsed. Two relief wells were spudded on the 17th day. No H ₂ S was detected after the 18th day. Flow ceased on the 21st day, 01-28-89.	None	Jack-up drilling rig was totally lost.
	04-14-89 5 d	Re-blowout: After flow ceased on 01-28-89, the semi-submersible, <i>Diamond M Century</i> moved onto the well to clean it out for permanent abandonment. The casing and drive pipe were bent when the rig toppled over. In order to re-enter the well, the casing was cut off just above the mud line, and the well was re-entered with drillpipe. In the process of milling and reaming inside the 16-in drive pipe or surface casing at about 700 ft, the bridge was apparently dislodged and the well began to flow with a surface boil about 300 ft in diameter. A/	The rig moved away from the boil and the well bridged on the 5th day.	None	None
South Timbalier Block 75 OCS-G 8443 Platform E CNG	01-09-89	Helicopter began to vibrate and yaw so the pilot at- tempted to land on an unmanned an unmanned platform. Before touchdown, the helo began to to spin, crashed into the apron, turned over, and fell 75 ft into water. Seas were running 8 ft.	After 15 min, the pilot pulled himself onto the boat landing. He was flown to the hospital.	None	1 injury, hypothermia, lacerations, and contusions; lost helicopter.

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Ship Shoal Block 202 OCS-G 5558 Platform A Sandefer	02-15-89	Oil slowly dumped from the production-separator water dump line into the skimmer. The wells produced no water so that water legs in the production separator and skimmer were displaced with crude oil. The liquid level controller of the skimmer activated the dump valve to release 300 bbls of oil into the water. <u>D/</u>	The dump valve was shut after the operator noticed the spill.	300 bbl oil	None
South Pass Block 60 OCS-G 1608 Platform B ARCO	03-19-89 12 h	Contract personnel were working to install a pig trap on an 18-in pipeline. A cold cut was made at the +15 ft level and hydrocarbons sprayed through the cut to ignite. The fire burned the main structure and caused subsequent explosions when 6 pipelines ruptured due to the intense heat. <u>B/</u>	Activated the ESD. Fought the fire and rescued survivors with standby boats.	None	7 fatalities, 10 injuries. Platform B destroyed. MV <i>Bo-Truc</i> and associated equipment were extensively damaged.
High Island Block 320-650 Chevron	05-07-89	A twin-jet helicopter crashed on a flight from HI Block 320 to Block 650. The helicopter vanished from radar with no voice contact from the pilot, who was the only person aboard.	A search found only small pieces of debris.	None	1 fatality, lost helicopter.
Galveston Block 427 OCS-G 9053 <i>Trident</i> jackup Corpus Christi Oil and Gas	06-29-89	The <i>Trident</i> jackup workboat had been assisting in wireline work on Galveston Block 427. After completing work on 2 wells, the boat was jacked down and was under tow to Freeport, TX. The boat capsized during a storm approximately one mile from the work location. Four crew members and a fisherman, who came to their rescue, are missing and presumed dead.	A Coast Guard search was conducted.	None	5 fatalities, lost jackup workboat.
South Pass Block 077 Platform C OCS-G 2184 Chevron	11-09-89	While completing Well C-16, the 2 3/8-in tubing was being tested as it was run in the hole. The test tool blew out of the tubing and struck a derrickman working on the stabbing board in the head.	N/A	None	1 fatality

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Marsh Island Block 7 Total Minatome Corporation	12-27-89	An contract helicopter crashed en route to a South Marsh Island Block 7 facility.	The pilot and all five passengers were rescued	None	Lost helicopter
Ship Shoal Block 281 OCS-G 5567 Shell	01-24-90	A 2-in valve connected to a 4-in reducing tee was snagged by a fishing net or a boat anchor. <u>C/D/</u>	A cap was welded over the 2-in opening and sand bags were placed over the top of the 4-in pipeline tie-in.	14,423 bbl condensate	South Timbalier Block 300 Platform A to Ship Shoal Block 241 Platform A
Grand Isle Block 24 OCS-G 10864 MODU, <i>J. Storm XII</i> Diamond Shamrock	02-12-90	During a practice evacuation drill the escape capsule was being lowered with 14 men aboard when it sud- denly fell from approximately the halfway point to the water. All personnel aboard sustained injuries.	N/A	None	14 injuries
South Pass Block 0067 OCS-G 1612 Platform A Atlantic Richfield Company	03-11-90	A welder had made a cut to remove some walkway from a plat- form crane in order to install a rig for drilling and workover operations on the platform. He was standing on the cut out piece of walkway which was suspended by a cable from the crane. He fell off the walkway and struck the electric hoist motor for the escape capsule, landing on the catwalk by the escape capsule. He fell from a height of about 50 ft.	N/A	None	1 fatality
Eugene Island Block 314 OCS-G 2111 Exxon	05-06-90	Pipeline leak; a 1-in valve protruding from a threadolet on an 8 5/8-in spool piece on Exxon's subsea tie in to Texaco's 20-in EIPS was apparently pulled from the threadolet by a trawl net. <u>C/D/</u>	Deployed Clean Gulf Associates Fast Response Unit. Shut down EIPS. Divers and surveying equip- ment were dispatched. Removed section containing the bro- ken valve and blind-flanged the ends of the pipe remaining on the sea floor.	Exact volume is unknown. Probably 4,569 bbls.	No recorded environmental damage. EIPS Segment No. 4030
Vermilion Block 22 OCS-G 2865 Platform Conoco	05-16-90	An employee was unscrewing a nitrogen cylinder from the accumulator when the cylinder dis- charged, flew upward, and struck the employee.	N/A	None	1 fatality

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Grand Isle Block 48 OCS 0134 Platform E Conoco	08-11-90	A contract blaster-painter disconnected his safety line to change scaffolds. One of the scaffold boards fell, and he fell into the Gulf, hitting his left arm on a cross brace.	N/A	None	1 injury
Galveston Block 273 OCS-G 9037 Well No. 1 Seagull Energy E & P Inc.	09-03-90	While unseating the packer by pulling on the work string, the string parted, causing it to impact the cementing unit manifold. The manifold fell and crushed a cement company employee to death.	N/A	None	1 fatality
Matagorda Island Block 664 OCS-G 3463 Eron Corporation	09-13-90	A helicopter en route to Matagorda Island Block 664 crashed near Corpus Christi.	The injured man was rescued in 3 ft of water	None	1 fatality, 1 injury; lost helicopter.
High Island Block A-553 OCS-G 6237 Platform A Total Minatome	09-30-90	A casing stabber was injured while working around the rotary when pressure was released from the blind rams.	N/A	None	1 injury, broken jaw ribs, femur, and bruised heart.
East Cameron Block 109 OCS-G 8645 Platform A TRANSCO Exp. & Prod.	10-02-90	An explosion and fire occurred in the upper quarters module. The explosion propelled a contract cook out of the module. He struck the handrail and fell 10 ft to the main deck. He died 16 days later. The apparent cause was the migration and subsequent ignition of natural gas from the sump tank to the upper living quarters due to lack of liquid seals in the lavatory, shower, and commode water drain lines. On the day of the explosion, exhaust gas from the gas generator starter motor and a gas operated bladder pump was vented to the atmosphere through a vent line from the sump tank. <u>B/</u>	N/A	None	1 fatality; smoke and fire damage to upper quarters module.

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
South Pass Block 60 OCS-G 1608 Platform D Well No. D-10 Arco	10-09-90 1 h	The tubing was being pulled after killing the well with drilling fluid. When flow occurred inside the tubing, a safety valve was stabbed into the tubing string. An explosion and fire (ignition source unknown) followed. <u>A/B/</u>	The tubing safety valve and the BOPs were closed, and the flow was stopped. The fire was extinguished in 1 h by spraying water from 2 work boats.	1/2 bbl oil	8 injuries; damage \$1,000,000.
Main Pass Block 299 OCS-G 1316 Platform D Chevron	10-21-90	While attempting to spot the second of two generator sets (It was lift no. 20 for the day), the crane pedestal base pulled through its mounting bolts and washers. It fell and came to rest on the next level of the platform upside down. The operator was thrown from the cab, and five other people were hurt.	N/A	None	6 injuries
South Pass Block 77 OCS-G 2184 Platform C Well No. C-16 Chevron	11-09-90	While completing the well, the 2 3/8" tubing was being pressure tested as it was run into the hole. The test tool was blown out of the top of the tubing and struck the derrickman in the head while he was working on the stabbing board.	N/A	None	1 fatality

III. Pacific OCS Region

TABLE 3
CRUDE OIL AND CONDENSATE SPILL INCIDENTS OF 200 OR MORE BARRELS,
OCS--PACIFIC

Calender Year	Incidents	Crude Oil and Condensate Spilled Barrels	Number of Structures	Annual Total Crude Oil and Condensate Oil Production Barrels*
1964	0	0	0	0
1965	0	0	0	0
1966	0	0	0	0
1967	0	0	1	0
1968	0	0	4	2,059,889
1969	2	80,900 **	5	9,940,844
1970	0	0	5	24,987,628
1971	0	0	5	31,103,548
1972	0	0	5	22,562,213
1973	0	0	5	18,915,314
1974	0	0	5	16,776,744
1975	0	0	5	15,304,757
1976	0	0	6	13,978,553
1977	0	0	7	12,267,598
1978	0	0	7	12,085,908
1979	0	0	9	10,961,076
1980	0	0	12	10,198,886
1981	0	0	15 ***	19,605,027
1982	0	0	15 ***	28,434,202
1983	0	0	16 ***	30,527,487
1984	0	0	17 ***	30,254,306
1985	0	0	20 ***	29,781,465
1986	0	0	21 ***	29,227,846
1987	0	0	22 ***	33,556,686
1988	0	0	22 ***	32,615,118
1989	0	0	24 ***	33,072,161
1990	0	0	24 ***	33,312,719
Total	2	80,900		501,529,975

* Annual total oil production data source is Federal Offshore Statistics, 1990 (OCS Report 91-0068).

** Includes 50,000 bbls during blowout, 1-28 through 2-7-69 and subsequent seepage of 30,000 bbls. See Table 4-A

*** Includes Offshore Storage and Treatment Facility (OS&T).

TABLE 4-A
ACCIDENTS ASSOCIATED WITH OIL AND GAS OPERATIONS
ON THE OUTER CONTINENTAL SHELF,
PACIFIC

BLOWOUTS

Area Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Santa Barbara Channel OCS-P 0241 Well A-21 Union Oil Company of California	01-28-69 to 02-7-69	Blowout, oil and gas. <u>D/E/</u>	Dropped drill pipe, closed blind rams. Killed well by pumping 13,000 bbl of 12.0 to 14.7 ppg mud into the drill pipe 13-3/8-in casing annulus. Plugged well with 3,973 sacks of cement. A relief well had been drilled to 1,990 ft and was subsequently plugged and abandoned when the flow from Well No. A-21 was stopped.	50,000 bbls estimated during blow- out phase. Subsequent seepage estimated at 30,000 bbls to yield a total of 80,000 bbls.	3,686 bird deaths. Considerable oil on beaches; no long-term damage apparent.

TABLE 4-B
ACCIDENTS ASSOCIATED WITH OIL AND GAS OPERATIONS
ON THE OUTER CONTINENTAL SHELF,
PACIFIC

EXPLOSIONS AND FIRES

Area Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Onshore Pipeline Pig Trap Rincon	05-22-70 5 min	Fire in cement sump pit	Fire extinguisher	None	None
Onshore Pipeline Pig Trap Rincon	05-26-70 5 min	Fire in cement sump pit	Fire extinguisher	None	None
Santa Barbara Channel OCS-P 0241 Union Oil Company of California	01-15-71 10 min	Fire in galley	Fire extinguisher	None	Minor damage to galley
Santa Barbara Channel OCS-P 0241 Hillhouse Sun Oil Company	11-04-71 5 min	Light shorted out	Fire extinguisher	None	Minor damage to light fixture
Santa Barbara Channel OCS-P 0240 Hillhouse Sun Oil Company	05-30-72 5 min	Lina-log pig caught on fire, caused by short from battery cable.	Smothered out with rags	None	None
Santa Barbara Channel OCS-P 0241 Platform B Union Oil Company of California	01-16-73	Flash fire in No. 1 well bay. Welding when hydraulic line broke.	Fire extin- guisher. Repaired line.	None	None

EXPLOSIONS AND FIRES

Area Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Santa Barbara Channel OCS-P 0241 Platform A Union Oil Company of California	02-05-73 Unknown	Ceiling heater wiring shorted out, causing fire in restroom on drilling deck.	Fire extin- guisher. Installed fusible sprinklers.	None	Minor damage to ceiling and paint in restroom
Santa Barbara Channel OCS-P 0240 Hillhouse Sun Oil Company	05-29-73 Unknown	Flash fire. Oil vent line next to tur- bine exhaust.	Fire extin- guisher. Installed exhaust line and moved.	None	Negligible
Santa Barbara Channel OCS-P 0300 Ellen Shell Oil Company	01-17-81 operation dropping on a cloth covering an empty paint thinner drum.	Fire and explosion caused by hot slag from welding	Dry chemicals and water	None	None
Santa Barbara Channel OCS-P 0217 Grace Chevron U.S.A. Inc.	01-22-81 10 min	Fire caused by frothy condensate being ignited by vent pilot and carried to the ocean	Flow of conden- sate was manually diverted to sump	Less than 1 bbl condensate	None
Santa Maria Basin OCS-P 0409 Well No. 1 Occidental- Exploration and Production Company	01-19-83	Storage tank exploded during drill stem test	Foam unit used to extinguish small fire	Approx- imately 20 gal crude oil/ hydraulic fluid	Damage to storage tank
Santa Barbara Channel OCS-P 0188 Hondo Exxon Company, U.S.A.	12-06-84 10 min	Storage tank on workboat exploded during a completion fluid transfer from Platform Hondo	Fire hoses from foam unit; fire extinguishers	Less than 1 bbl condensate	1 injury, worker was burned and storage tank was damaged.

EXPLOSIONS AND FIRES

Area Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Santa Barbara Channel OCS-P 0188 Hondo Exxon Company, U.S.A.	09-14-87	Switchgear room fire	Platform halon system and hand- held extinguishers	None	Switchgear equipment damaged
Santa Maria Basin OCS-P 0315 Harvest Texaco	03-13-88	Fire in turbine generator area	Platform deluge system and two hose teams	None recovery cables, 5 diesel flow transmitters, miscellaneous speaker trays, piping, and cables. Estimated damage \$200,000.	85 generator cables, 26 waste heat
Santa Barbara Channel OCS-P 0188 OS&T Exxon	08-07-88	Fire in SRU sulphur tank	Heating coils were shut down and the SRU unit was sprayed with fire hose. The steam valve was opened to relieve the pressure on the unit.	None	Damage contained to insulation and paint on SRU unit.
Santa Barbara Channel OCS-P 0205 Gail Chevron	03-30-90	Fire in crane diesel engine case, due to a runaway condition, which resulted after the ESD fuel shutoff valve failed to stop the fuel flow. The runaway condition continued until the engine threw a rod, and the motor oil ignited.	Switched off ignition. Activated crane emergency shutdown system. Directed two monitor and three fire hose streams on the engine compartment door, vent, air intake, and fuel tank to provide cooling and prevent additional equipment involvement in the fire.	1/2 gal	Crane diesel engine was damaged.

TABLE 4-C
ACCIDENTS ASSOCIATED WITH OIL AND GAS OPERATIONS
ON THE OUTER CONTINENTAL SHELF,
PACIFIC

PIPELINE BREAKS OR LEAKS

Area Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Damage to Property or Environment, Location
Santa Barbara Channel OCS-P 0241 Union Oil Company of California	12-16-69	Pipeline break <u>D/E/</u>	Line shut in and repaired	900 bbl	No recorded environmental damage

TABLE 4-D

**ACCIDENTS ASSOCIATED WITH OIL AND GAS OPERATIONS
ON THE OUTER CONTINENTAL SHELF,
PACIFIC**

**SIGNIFICANT POLLUTION INCIDENTS
50 bbl (2,100 gal) OR MORE**

Area Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Santa Barbara Channel OCS-P 0241 Well A-21 Union Oil Company of California	01-28-69 to 02-07-69	Blowout, oil and gas. <u>A/E/</u>	Dropped drill pipe, closed blind rams. Killed well by pumping	50,000 bbls estimated during blow- out phase. Subsequent seepage estimated at 30,000 bbls to yield a total of 80,000 bbls.	3,686 bird deaths. Considerable oil on beaches; no long-term damage apparent.
Santa Barbara Channel OCS-P 0241 Union Oil Company of California	12-16-69	Pipeline break <u>C/E/</u>	Line shut in and repaired	900 bbl	No recorded environmental damage
Santa Barbara Channel OCS-P 0234 Habitat Well No. A-19 Texaco	05-07-90	Mineral oil spill; in an effort to free stuck pipe, mineral oil mud was to be circulated down hole. However, the stand- pipe valve was left closed and 144 bbls of mineral oil mud (100 bbls of mineral oil) were circulated into the sea through the open kill valve.	Realigned valves to circulate down drill pipe.	100 bbl mineral oil	None

TABLE 4-E
ACCIDENTS ASSOCIATED WITH OIL AND GAS OPERATIONS
ON THE OUTER CONTINENTAL SHELF,
PACIFIC

MAJOR ACCIDENTS

Area Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Santa Barbara Channel OCS-P 0235 Humble Oil	11-25-68	Merchant vessel <i>Triple Crown</i> sank. Vessel was engaged in picking up anchors and chains for the drilling rig <i>Bluewater II</i> when the vessel listed to starboard and sank stern first.	N/A	None	9 fatalities
Santa Barbara Channel OCS-P 0241 Well A-21 Union Oil Company of California	01-28-69 to 02-07-69	Blowout, oil and gas. <u>A/D/</u> 13,000 bbl of 12.0 to 14.7 ppg mud into the drill pipe 13-3/8-in casing annulus. Plugged well with 3,973 sacks of cement. A relief well had been drilled to 1,990 ft and was subsequently plugged and abandoned when the flow from Well No. A-21 was stopped.	Dropped drill pipe, closed blind rams. Killed well by pumping	50,000 bbls estimated during blow- out phase. Subsequent seepage estimated at 30,000 bbls to yield a total of 80,000 bbls.	3,686 bird deaths. Considerable oil on beaches; no long-term damage apparent.
Santa Barbara Channel OCS-P 0241 Union Oil Company of California	12-16-69	Pipeline break <u>C/D/</u>	Line shut in and repaired	900 bbl	No recorded environmental damage
San Pedro Channel OCS-P 0296 Edith Well No. 12 Chevron	02-03-78	Crane accident; during casing unloading operations, a man was caught by a rotating crane and pulled into the rig floor wall. The man was fatally injured.	Stopped crane	None	1 fatality

MAJOR ACCIDENTS

Area Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Santa Maria Basin OCS-P 0437 MODU <i>Diamond "M"</i> <i>Falcon</i> ARCO	01-22-84	Traveling block; during casing running operations, the motion compensator section of the traveling block struck the hinged portion of the stabbing board upon which the casing stabber was standing. At the moment of impact, the stabbing board became disengaged from the track. The cable suspension system broke. The casing stabber, stabbing board, and attached safety equipment fell to the drilling floor. The casing stabber was fatally injured.	Stopped the traveling block.	None	1 fatality
Santa Barbara Channel OCS-P 0188 Hondo Exxon	11-11-84	Employee's right gloved hand caught in the rolling chain of the coiled tubing injector head. The chain bound up as his hand entangled.	Stopped injector	None	1 injury, amputation of four fingers and 1/3 of right hand.
Santa Maria Basin OCS-P 0316 McDermott Lay Barge No. 29 Chevron	10-16-86	Helicopter crash; a ground handling attachment bolt attached to the left skid caught in the anti-skid rope netting attached to the heliport deck when the helicopter attempted to take off with a pilot and three passengers. This caused the tailrotor to fall and hit the helideck. The helicopter lost control veered into a crane on the port side of the barge, hit a diving support winch, and fell into the water.	Two fatally injured victims were rescued from the sea. One victim swam back to the barge. One victim was rescued from entanglement with the diving winch. Emergency first aid procedures were initiated and all victims were transported by helicopter to the hospital.	None	2 fatalities, 2 injuries. Helicopter lost, minor damage to crane and dive winch.
San Pedro Channel OCS-P 0301 Eureka Shell Oil	01-09-87	Four people were injured during a drill when the cable on the escape capsule broke and the capsule fell into the ocean.	Rescued injured	None	4 injuries
Santa Maria Basin OCS-P-0315 Harvest Texaco	01-20-87	A deckhand on the MV <i>Zapata Gulf</i> was struck in the head by a swinging crane load (retrievable test packer) and sustained a concussion, multiple contusions, and a probable fracture of right temple.	Stopped crane	None	1 injury

MAJOR ACCIDENTS

Area Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Santa Maria Basin OCS-P 0315 Harvest Texaco	04-04-87	Contract employee fell approximately 20 ft while climbing a ladder and sustained a head injury.	N/A	None	1 injury
Santa Barbara Channel OCS-P 0469 MODU <i>Diamond "M"</i> <i>Falcon</i> ARCO	05-03-87	Cut off tip of finger on iron roughneck.	N/A	None	1 injury
San Pedro Channel OCS-P 0301 Eureka Shell Western E & P Inc.	06-04-87	Shell Rig No. 2 was being moved from location C-31 to C-42 by hydraulic power actuated rams attached to skid beams. An employee participating in the skidding operation fell 29 ft from a walkway by the motor package building and struck a metal box used for storing absorbent pads.	N/A	None	1 fatality
Santa Maria Basin OCS-P 0315 Harvest Texaco	10-05-87	While nipping up riser, chain on snatch block broke while under tension and struck an employee in the head.	N/A	None	1 injury
Santa Maria Basin OCS-P 0315 Harvest Texaco	10-09-87	While assisting crane with load, tag line became fouled. As load was moved, tag line forced the rigger down against other beams and the deck.	N/A	None	1 injury
Santa Maria Basin OCS-P 0315 Harvest Texaco	12-16-87	During tripping operations in high winds, H&P employee's hand was smashed between the drill pipe and the spinning tongs.	N/A	None	1 injury
Santa Maria Basin OCS-P 0450 Hidalgo Chevron	04-14-88	While welding overhead, a welder lifted his hood to inspect the weld and a piece of hot slag fell into his right eye.	N/A	None	1 injury

MAJOR ACCIDENTS

Area Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
Santa Maria Basin OCS-P 0450 Hidalgo Chevron	12-23-88 10.5 feet below, while carrying a carrying a wireline cablehead.	An employee fell off the side of the SCR House to the deck	The employee was transported by helicopter to Sierra Vista Hospital in San Luis Obispo for surgery on a possible skull fracture.	None	1 injury
Santa Barbara Channel OCS-P 0241 Platform B Union Oil Company of California	06-20-90	Employee lost balance as ladder slipped backward. Employee fell 10' to 12' landing head first on the steel deck, sustaining a fatal head injury.	N/A	None	1 fatality
Santa Maria Basin OCS-P 0315 Harvest Texaco	12-24-90	Employee fell from scaffolding due to unsecured walking board, sustaining broken ribs.	N/A	None	1 injury

IV. Alaska OCS Region

The Alaska OCS Region has not had any accidents that meet the criteria for **TABLES -A, -B, -C, and -D** as set forth in the **Introduction**. There were five accidents which met the criteria for **TABLE -E, MAJOR ACCIDENTS**. These accidents are presented in the following **TABLE 5-E, ACCIDENTS ASSOCIATED WITH OIL AND GAS OPERATIONS ON THE OUTER CONTINENTAL SHELF, ALASKA, MAJOR ACCIDENTS**.

TABLE 5-E

**ACCIDENTS ASSOCIATED WITH OIL AND GAS OPERATIONS
ON THE OUTER CONTINENTAL SHELF,
ALASKA**

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
NO 71 Block 165 OCS-Y 0035 MODU <i>Alaska Star</i> Well No. 1 Exxon	06-23-78	The driller operating the drawworks pulled the traveling block into the crown block causing the wire rope drilling line to break. The traveling block fell 150 ft to the rig floor.	Shut off hydraulic supply lines immediately after the traveling block fell.	10 gallons of hydraulic fluid	Substantial damage to the rig.
LCI Block 2 OCS-Y 0168 MODU <i>Diamond "M" Dragon</i> Well No 1 Marathon	08-06-79	A catch rope caught on the elevators and broke the monkey board from the derrick. The board fell approximately 85 ft to the floor and struck a floorhand causing a fatal injury.	N/A	None	1 fatality
NP 311 Block 197 COST Well MODU <i>Dan Prince</i> Well No. 1 ARCO Oil and Gas Company	06-14-80	The MV <i>Ranger</i> was engaged in sand-bagging operations at the drilling rig <i>Dan Prince</i> . The diver went into the water at 1800 hours to set sandbags around the legs of the drilling rig on the bottom at 88 ft. He came to the surface at 1843 hours and passed out after breaking the surface.	The diver was brought up on deck where members of the diving crew removed his gear and immediately began CPR treatment. The medic from the <i>Dan Prince</i> came aboard at 1856 hours. The medic and the casualty were put into the decompression chamber at 1903 hours. A doctor and his assistants entered the chamber at 2011 hours and remained until the victim was pronounced dead at 2032 hours. Cause of death was subsequently determined to be decompression sickness.	None	1 fatality

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
NO 03-07 Block 631 OCS-Y 0511 SEDCO 708 Well No. 1 Atlantic Richfield	12-12-84	The diver left the surface at 1155 hours to work on an anchor at 65 ft. At approximately 1235 hours, a garbled message came over the diving phone. The crew could not get an understandable response from the diver. He was observed at the surface with his diving hat off and trying to climb the ladder to the landing. He fell back into the water.	One man climbed down the ladder and another man jumped into the water to help. The diver lost consciousness and the two men got him to the landing. He was not breathing and had no pulse. CPR was started and he was moved to the decompression chamber. CPR was continued until the doctor arrived at 1828 hours and pronounced the victim dead. Cause of death was subsequently determined to be air embolism.	None	1 fatality
NN 31 Block 467 OCS-Y 0454 MODU <i>Ocean Odyssey</i> Well No. 1 Shell Western E & P Inc.	01-02-85	The derrickman attempted to reposition a snatch block and apparently dropped the snatch block. The snatch block fell 85 ft and struck a floorman on the head causing fatal injury.	N/A	None	1 fatality

V. Atlantic OCS Region

The Atlantic OCS Region has not had any accidents that meet the criteria for **TABLES -A, -B, -C, and -D** as set forth in the **Introduction**. There was one accident which met the criteria for **TABLE -E, MAJOR ACCIDENTS**. This accident is presented in the following **TABLE 6-E, ACCIDENTS ASSOCIATED WITH OIL AND GAS OPERATIONS ON THE OUTER CONTINENTAL SHELF, ATLANTIC, MAJOR ACCIDENTS**.

TABLE 6-E
ACCIDENTS ASSOCIATED WITH OIL AND GAS OPERATIONS
ON THE OUTER CONTINENTAL SHELF,
ATLANTIC

MAJOR ACCIDENTS

Area & Block Lease Platform Well No. Operator	Date and Duration	Type Accident, Related Depth	Corrective Action	Volume of Pollution Spilled	Fatalities, Injuries, Damage to Property or Environment
NJ 18-3 Block 632 OCS-A 0032 Well No. 632-1 Shell	05-07-78 in the transmission caused the crash 45 miles from the New Jersey coast while en route to the drill site.	Helicopter crash; a metalurgical failure	Helicopters from rigs in the area guided a U.S. Coast Guard helicopter to the site for rescue/recovery operations.	None	2 fatalities, 3 injuries, (3 persons with broken backs); helicopter lost.

VI. Summary Tables for the Entire Outer Continental Shelf

TABLE 7

**SUMMARY OF
CRUDE OIL AND CONDENSATE SPILL INCIDENTS OF 200 OR MORE BARRELS,
OUTER CONTINENTAL SHELF**

Calendar Year	Incidents	Crude Oil and Condensate Spilled Barrels	Number of Structures	Annual Total Crude Oil and Condensate Production Barrels*
1964	4	14,428	1,100	122,500,126
1965	2	2,188	1,200	144,968,615
1966	0	0	1,325	188,714,070
1967	1	160,638	1,451	221,861,614
1968	1	6,000	1,579	268,995,890
1969	6	91,524 **	1,680	312,859,987
1970	4	83,623	1,805	360,646,168
1971	1	450	1,896	418,548,946
1972	0	0	1,940	411,885,893
1973	3	21,935	2,006	394,729,999
1974	3	23,533	2,059	360,594,065
1975	0	0	2,084	330,237,452
1976	2	4,414	2,102	316,920,109
1977	2	550	2,255	303,948,240
1978	1	900	2,334	292,265,042
1979	0	0	2,429	285,565,538
1980	1	1,456	2,567	277,388,975
1981	1	5,100	2,759	289,765,405
1982	0	0	2,866	321,211,457
1983	0	0	3,054	348,331,243
1984	0	0	3,216	370,239,014
1985	1	320	3,380	389,324,285
1986	1	210	3,469	389,216,004
1987	0	0	3,575	366,141,709
1988	1	15,576	3,651	320,667,424
1989	1	300	3,747	305,167,637
1990	2	18,992	3,814	324,423,181
Total	38	452,137		8,437,118,088

* Annual total oil production data source is
Federal Offshore Statistics, 1990 (OCS Report, MMS 91-0068).

** Includes 50,000 bbls during blowout, 1-28 through 2-7-69 and
subsequent seepage of 30,000 bbls. See Table 4-A

TABLE 8
SUMMARY OF ACCIDENTS ASSOCIATED WITH
OIL AND GAS OPERATIONS
ON THE OUTER CONTINENTAL SHELF, 1956 - 1990

OCS Region	Blowouts	Explosions and Fires	Pipeline Breaks or Leaks	Significant Pollution Incidents	Major Accidents
Gulf of Mexico	178	880	37	117	495
Pacific	1	16	1	3	19
Alaska	0	0	0	0	5
Atlantic	0	0	0	0	1
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Total for OCS	179	896	38	120	520

**VII. Graphs of Data Pertaining to Accidents Associated with
Oil and Gas Operations on the Outer Continental Shelf**

Number of Incidents

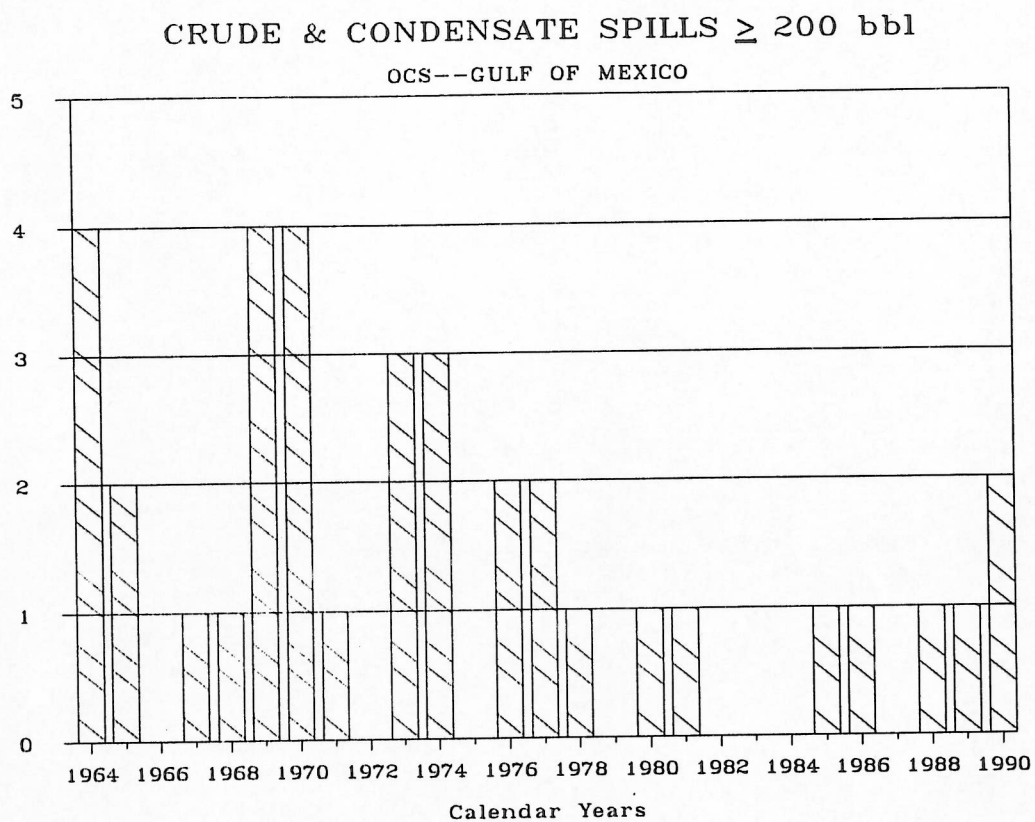


Figure 1

Number of Incidents

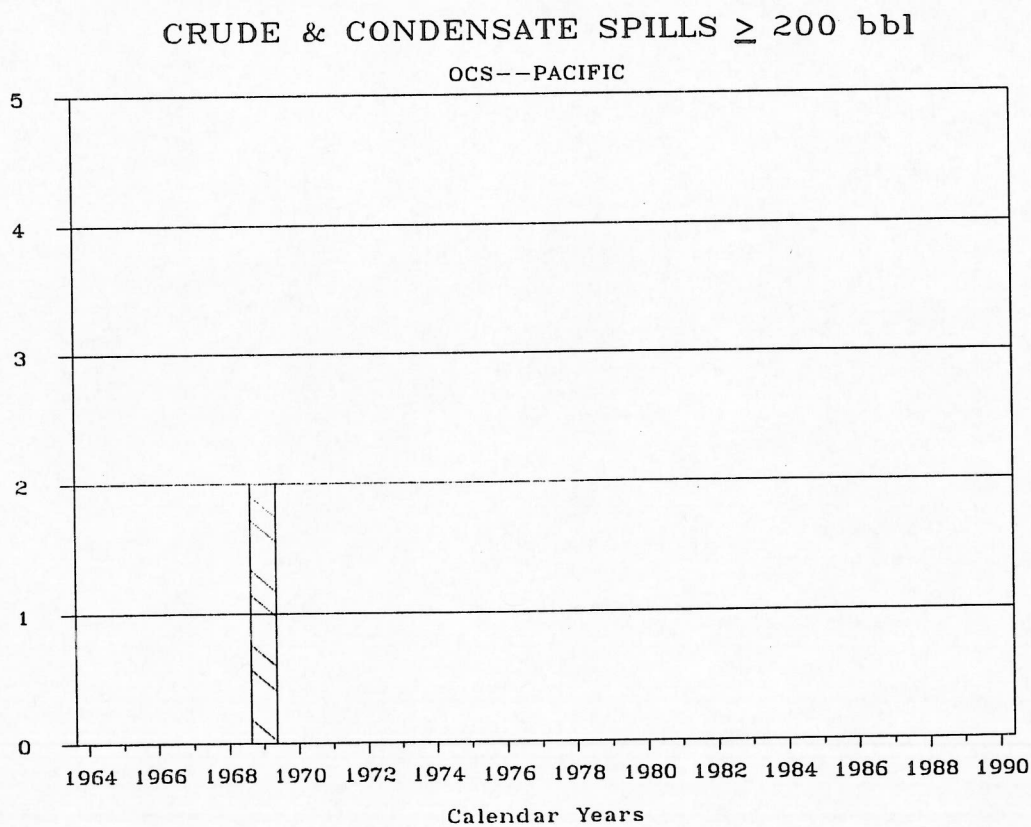


Figure 2

VOLUME OF CRUDE & CONDENSATE SPILLED

OCS--GULF OF MEXICO

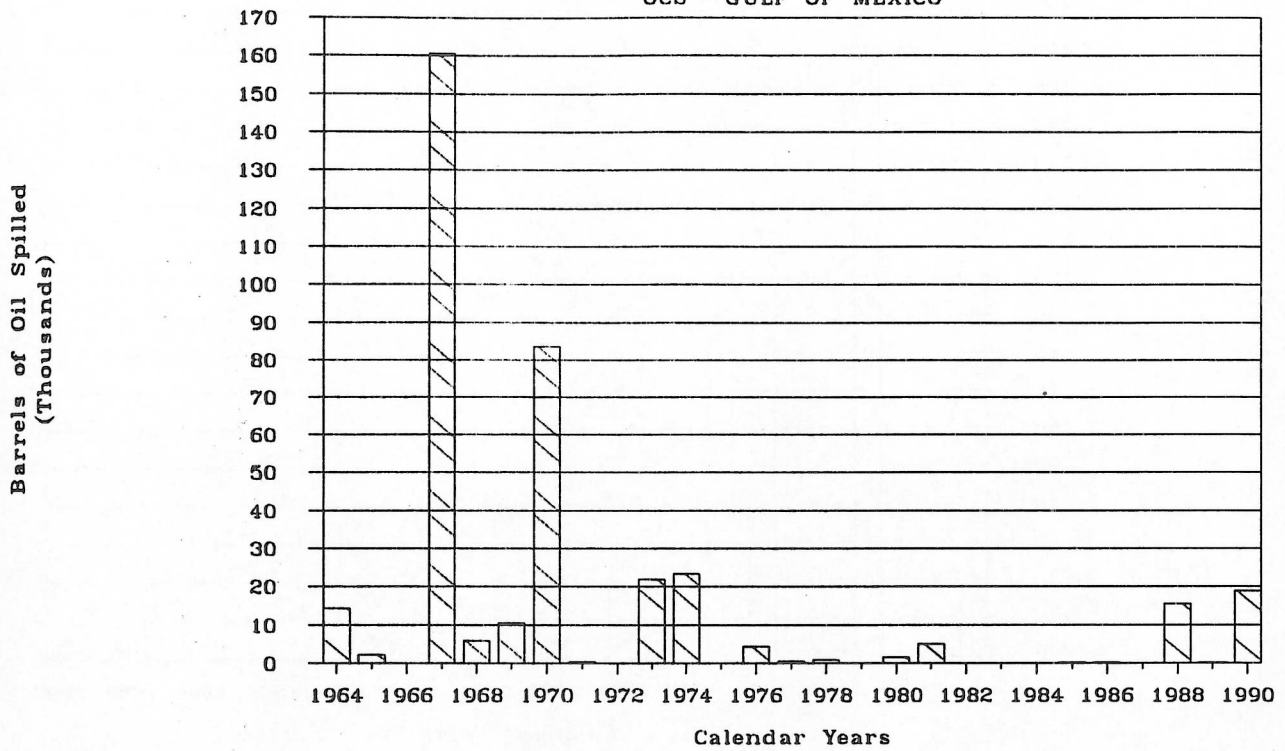


Figure 3

VOLUME OF CRUDE & CONDENSATE SPILLED

OCS--PACIFIC

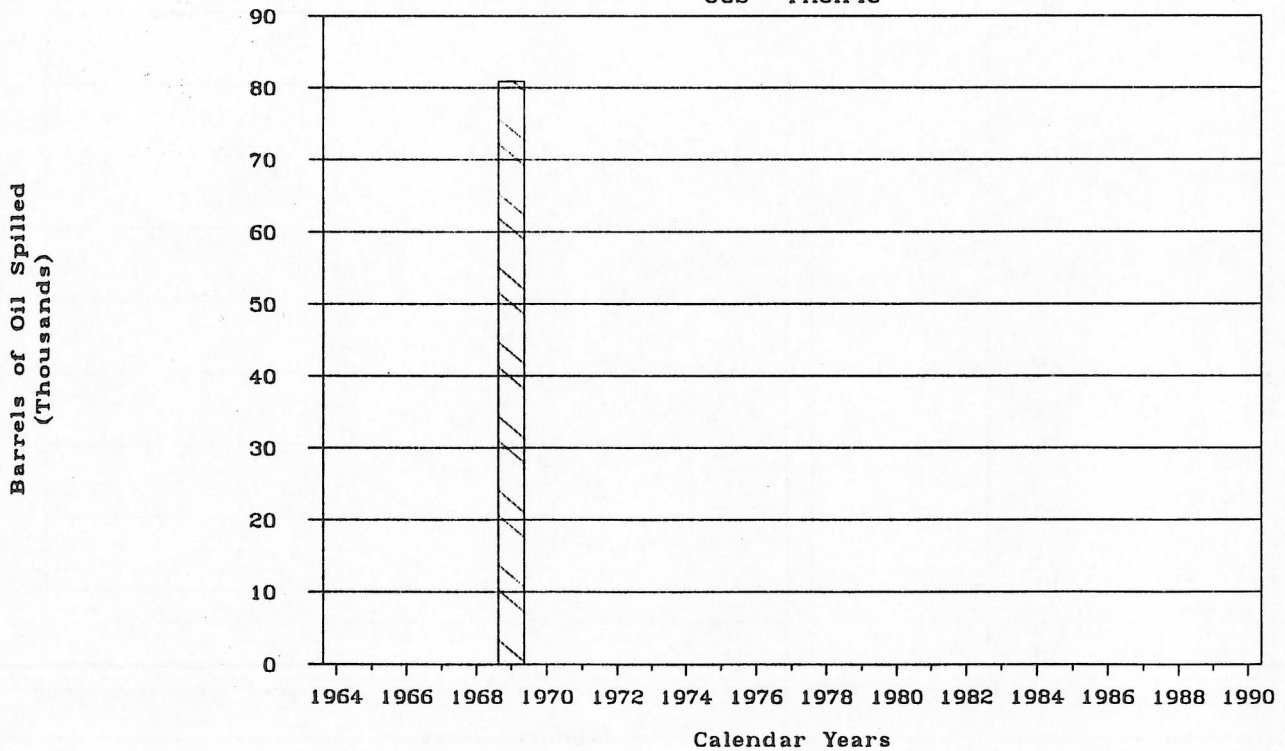


Figure 4

Number of Incidents

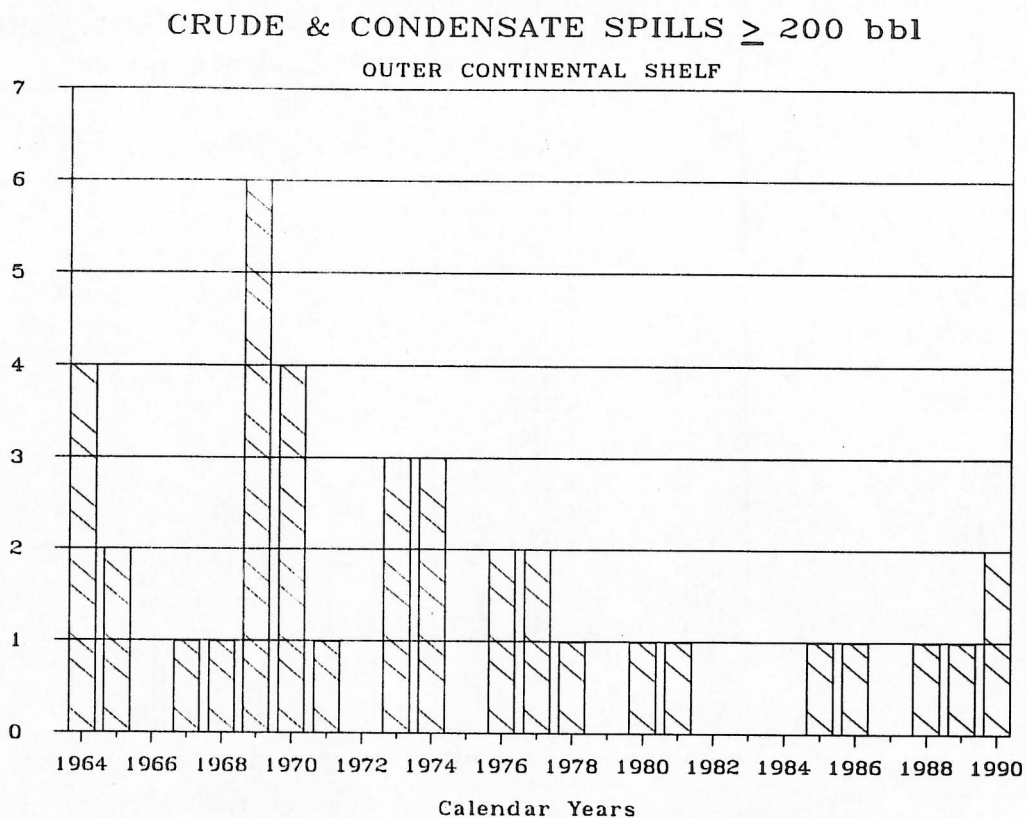


Figure 5

Barrels of Oil Spilled
(Thousands)

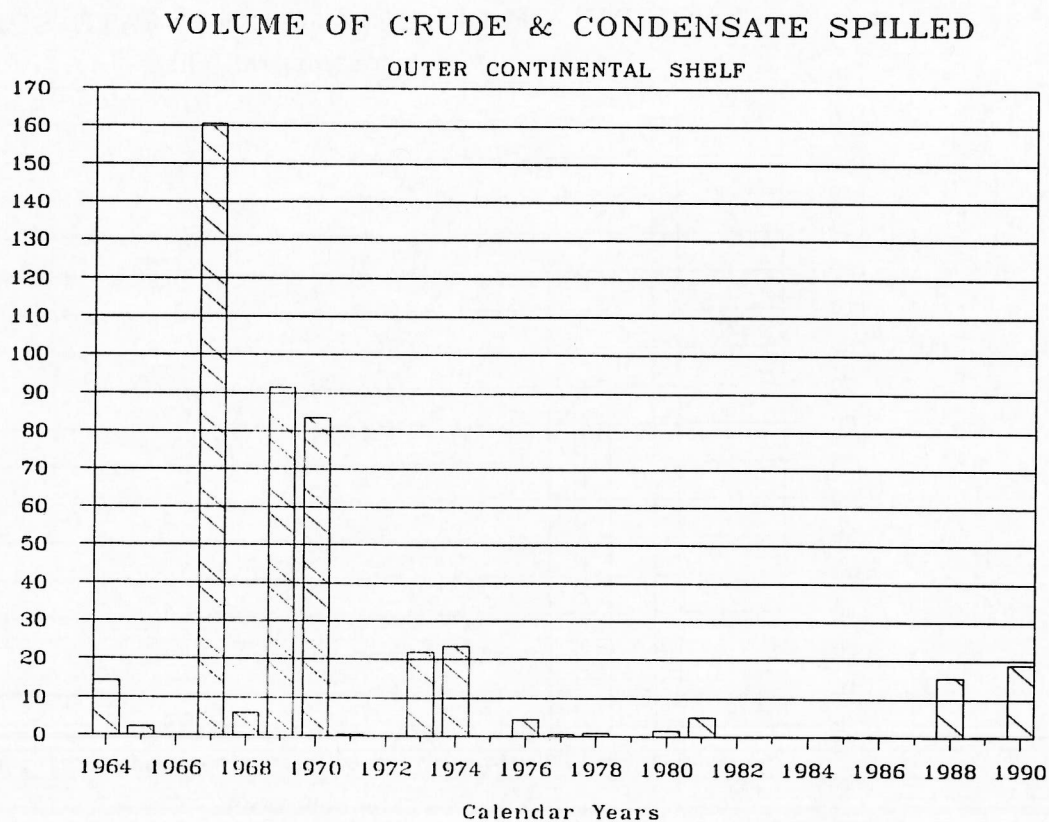


Figure 6

SUMMARY OF ACCIDENTS ASSOCIATED

WITH OIL AND GAS OPERATIONS ON THE OCS

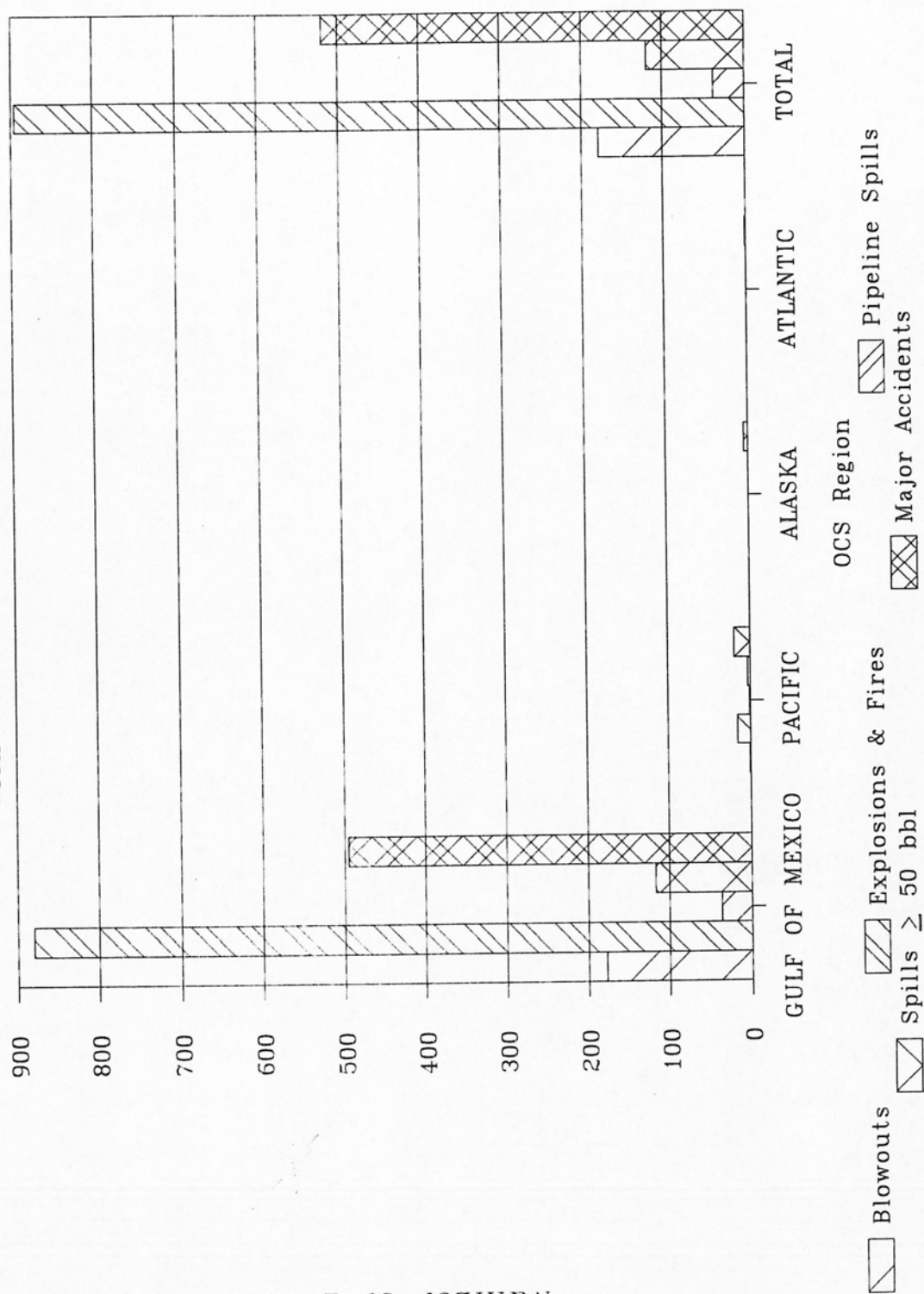


Figure 7

As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally owned public lands and natural resources. This includes fostering the wisest use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to assure that their development is in the best interest of all our people. The Department also has a major responsibility for American Indian reservation communities and for people who live in Island Territories under U.S. Administration.

