UNITED STATES DEPARTMENT OF THE INTERIOR  
MINERALS MANAGEMENT SERVICE  
GULF OF MEXICO REGION  
ACCIDENT INVESTIGATION REPORT  

1. OCCURRED  

DATE: 13-AUG-2005  TIME: 0730  HOURS  

2. OPERATOR: Energy Resource Technology, Inc.  

REPRESENTATIVE: Brian Weydert  
TELEPHONE: (504) 561-2918  

3. LEASE: 00605  
AREA: ST  LATITUDE: 28.76381596  
BLOCK: 86  LONGITUDE: -90.21922712  

4. PLATFORM: D  
RIG NAME  

5. ACTIVITY:  
- EXPLOSION  
- DEVELOPMENT/PRODUCTION (DOCD/POD)  

6. TYPE:  
- FIRE  
- EXPLOSION  
- BLOWOUT  
- COLLISION  
- INJURY NO. 1  
- FATALITY NO. 0  
- POLLUTION  
- OTHER  

7. OPERATION:  
- PRODUCTION  
- DRILLING  
- WORKOVER  
- COMPLETION  
- MOTOR VESSEL  
- PIPELINE SEGMENT NO.  
- OTHER Welding  

8. CAUSE:  
- EQUIPMENT FAILURE  
- HUMAN ERROR  
- EXTERNAL DAMAGE  
- SLIP/TRIP/FALL  
- WEATHER RELATED  
- LEAK  
- UPSET H2O TREATING  
- OVERBOARD DRILLING FLUID  
- OTHER  

9. WATER DEPTH: 98 FT.  
10. DISTANCE FROM SHORE: 18 MI.  
11. WIND DIRECTION: N  
SPEED: 1 M.P.H.  
12. CURRENT DIRECTION: N  
SPEED: 1 M.P.H.  
13. SEA STATE: 2 FT.  

16. OPERATOR REPRESENTATIVE/ SUPERVISOR ON SITE AT TIME OF INCIDENT:  
Gary Smith  
CITY: New Orleans  STATE: LA  
TELEPHONE: (504) 561-2519  
CONTRACTOR: Murphy Exploration & Production Company - USA  

CONTRACTOR REPRESENTATIVE/ SUPERVISOR ON SITE AT TIME OF INCIDENT:  
Grant Watson  
CITY: New Orleans  STATE: LA  
TELEPHONE: (504) 561-2519
17. DESCRIBE IN SEQUENCE HOW ACCIDENT HAPPENED:

At the time of the incident, a Beacon Maritime welder was positioned on the bottom deck of the port leg lower wedge room in confined quarters cutting 3/4" stiffeners. A fire watch and hole watch were positioned in close proximity to the welder. While in the process of cutting a stiffener, a piece of hot metal or slag landed on his cutting torch oxygen hose causing it to rupture. The escaping oxygen caused a flash fire. His cutting torch was positioned between his legs when the flare up occurred. This ignition was immediately noticed by the fire watch and the valve to the oxygen cylinder was quickly closed. The welder received 1st and 2nd degree burns on his inner thighs and groin area. The worker was flown to Terrebonne General Medical Center for treatment. The welder was rehabbing without complications and is scheduled to return to work in two weeks.

18. LIST THE PROBABLE CAUSE(S) OF ACCIDENT:

Hot welding slag burning the cutting torch's oxygen hose.

19. LIST THE CONTRIBUTING CAUSE(S) OF ACCIDENT:

Very tight confined space in the lower wedge room.
21. PROPERTY DAMAGED: Oxygen Hose
NATURE OF DAMAGE: Fire

ESTIMATED AMOUNT (TOTAL): $50

22. RECOMMENDATIONS TO PREVENT RECURRANCE NARRATIVE:
none

23. POSSIBLE OCS VIOLATIONS RELATED TO ACCIDENT: NO

24. SPECIFY VIOLATIONS DIRECTLY OR INDIRECTLY CONTRIBUTING. NARRATIVE:
   Issued two INC's not related to the accident.
   1) G-304 for welding leads in poor condition.
   2) F-108 for electrical extension cords and drop lights in poor condition.

25. DATE OF ONSITE INVESTIGATION:
   16-AUG-2005

26. ONSITE TEAM MEMBERS:
   Amy Gresham / Terry Hollier /

29. ACCIDENT INVESTIGATION
   PANEL FORMED: NO

30. DISTRICT SUPERVISOR:
   Michael J. Saucier

APPROVED
DATE: 11-OCT-2005
FIRE/EXPLOSION ATTACHMENT

1. SOURCE OF IGNITION: Oxygen hose on cutting torch

2. TYPE OF FUEL: [x] GAS
   [ ] OIL
   [ ] DIESEL
   [ ] CONDENSATE
   [ ] HYDRAULIC
   [ ] OTHER

3. FUEL SOURCE: Oxygen cylinder

4. WERE PRECAUTIONS OR ACTIONS TAKEN TO ISOLATE KNOWN SOURCES OF IGNITION PRIOR TO THE ACCIDENT? YES

5. TYPE OF FIREFIGHTING EQUIPMENT UTILIZED: [ ] HANDHELD
   [ ] WHEELED UNIT
   [ ] FIXED CHEMICAL
   [ ] FIXED WATER
   [ ] NONE
   [x] OTHER the valve to the oxygen cylinder was closed
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<th>OPERATOR REPRESENTATIVE</th>
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<tr>
<td>OTHER</td>
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