

Application for Permit to Modify (APM)

Lease P00437	Area SM	Block 6323	Well Name A021	ST 00	BP 00	Type Development
Application Status Approved		Operator 03280 Freeport-McMoRan Oil & Gas LLC				

Pay.gov	Agency	Pay.gov
Amount: \$125.00	Tracking ID: EWL-APM-200121	Tracking ID: 26B6VS70

General Information

API 560452007600	Approval Dt 28-AUG-2018	Approved By John Kaiser
Submitted Dt 01-AUG-2018	Well Status Completed	Water Depth 242
Surface Lease P00441	Area SM	Block 6374

Approval Comments

COAs:

- 1) All operations must be conducted in accordance with the OCS Lands Act (OCSLA), the lease terms and stipulations, the regulations of 30 CFR Part 250, Notices to Lessees and Operators (NTLs), the approved (Revised) Application for Permit to Drill (APD/RPD,AST/RST, ABP/RBP), and any written instructions or orders of the District Manager.
- 2) A copy of this permit (including all attachments) must be kept on location and made available to inspectors upon request during the permitted operation.
- 3) All pressure containing equipment must be tested to the approved permitted pressure and recorded on the daily operations report. If well pressures exceed the SITP/MASP stated in the approved permit, the equipment in use must be tested at a minimum to the new observed pressure. The appropriate District must be immediately notified of this pressure change and a RPM submitted to document the change.
- 4) High pressure blind shear ram close capability must be available from all BOP control panels. Each BOP control panel must be clearly marked to indicate that the accumulator system high pressure side is required for closing and shearing the drill pipe with the blind-shear rams. If the high pressure bypass selector valve is not available at all BOP control panels then the accumulator system must be set in the high pressure position at all times except for pressure and function testing.
- 5) You shall not conduct operations that require the BOP on the well until a revised permit has been approved that includes an independent third party verification stating as per 250.731(c) that (2) The BOP was designed, tested, and maintained to perform under the maximum environmental and operational conditions anticipated to occur at the well; and (3) The accumulator system has sufficient fluid to operate the BOP system without assistance from the charging system.
- 6) Notify the Permitting Section at Least 24 hours in advance of beginning these approved operations AND of any required BOP tests.
- 7) Monitor and provide for personnel protection from carbon monoxide exposure during and immediately after the perforation.
- 8) WAR reports are due no later than noon each Wednesday.

Correction Narrative

Permit Primary Type Completion

Permit Subtype(s)

Modify Perforations

Operation Description

Procedural Narrative

The bottom Monterey Formation interval will be isolated and two new sections of Monterey Formation will be opened / acidized. A new tubing spool / production tree will be installed and the ESP will be replaced.

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Please refer to the attached procedures and WBS.

Subsurface Safety Valve

Type Installed N/A
Feet below Mudline
Maximum Anticipated Surface Pressure (psi) 135
Shut-In Tubing Pressure (psi) 135

Rig Information

Name	Id	Type	ABS Date	Coast Guard Date
FREEPORT RIG 104	94106	PLATFORM	01-JAN-2014	01-JAN-2014

Blowout Preventers

Preventer	Size	Working Pressure	--- Test Pressure ---	
			Low	High
Rams	VBR	3000	250	250
Annular		2000	250	1400

Date Commencing Work (mm/dd/yyyy) 15-SEP-2018

Estimated duration of the operation (days) 21

Verbal Approval Information

Official	Date (mm/dd/yyyy)

Questions

Number	Question	Response	Response Text
1	Is H2S present in the well? If yes, then comment on the inclusion of a Contingency Plan for this operation.	YES	Previously submitted.
2	Is this proposed operation the only lease holding activity for the subject lease? If yes, then comment.	NO	
3	Will all wells in the well bay and related production equipment be shut-in when moving on to or off of an offshore platform, or from well to well on the platform? If not, please explain.	NO	
4	Are you downhole commingling two or more reservoirs?	NO	
5	Will the completed interval be within 500 feet of a lease or unit boundary line? If yes, then comment.	N/A	
6	For permanent abandonment, will casings be cut 15 feet below the mudline? If no, then comment.	N/A	

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7	Will the proposed operation be covered by an EPA Discharge Permit? (Please provide permit number in comments for this question)	N/A	

ATTACHMENTS

File Type	File Description
pdf	PROCEDURES
pdf	Rig/Coil Tubing/Snubbing Unit BOP Schematic
pdf	Proposed Wellbore Schematic
pdf	Current Wellbore Schematic
pdf	Acid Job Calculations

CONTACTS

Name	Nancy Rodriguez
Company	Freeport-McMoRan Oil & Gas LLC
Phone Number	281-539-7640
E-mail Address	nrodrigu@fmi.com
Contact Description	Regulatory

CERTIFICATION: I certify that information submitted is complete and accurate to the best of my knowledge. I understand that making a false statement may subject me to cr

Name and Title

Date

Nancy Rodriguez, Regulatory Technician

02-AUG-2018

PAPERWORK REDUCTION ACT OF 1995 (PRA) STATEMENT: The PRA (44 U.S.C. 3501 et seq. Requires us to inform you that we collect this information to obtain knowledge of equipment and procedures to be used in drilling operations. MMS uses the information to evaluate and approve or disapprove the adequacy of the equipment and/or procedures to safely perform the proposed drilling operation. Responses are mandatory (43 U.S.C. 1334). Proprietary data are covered under 30 CFR 250.196. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB Control Number. Public reporting burden for this form is estimated to average 11/4 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to the Information Collection Clearance Officer, Mail Stop 4230, Minerals Management Service, 1849 C Street, N.W., Washington, DC 20240.