

Application for Permit to Modify (APM)

Lease	00691	Area	WD	Block	24	Well Name	002	ST	00	BP	00	Type	Development
Application Status		Approved											
Operator		02312 McMoRan Oil & Gas LLC											
Pay.gov				Agency				Pay.gov					
Amount: \$125.00				Tracking ID: EWL-APM-195966				Tracking ID: 265LNKCK					
General Information													
API 177190003800				Approval Dt 27-OCT-2017				Approved By Lynard Carter					
Submitted Dt 27-OCT-2017				Well Status Temporarily Abandoned				Water Depth 20					
Surface Lease 00691				Area WD				Block 24					
Approval Comments													
Conditions of Approval:													
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 Modify (APM/RPM), and any written instructions or orders of the District Manager.													
A copy of this permit (including all attachments) must be kept on location and made available to inspectors upon request during the permitted operation.													
Correction Narrative													
Permit Primary Type Abandonment Of Well Bore													
Permit Subtype(s)													
Permanent Abandonment													
Operation Description													
Procedural Narrative													
Please refer to attached procedures and WBS.													
Subsurface Safety Valve													
Type Installed N/A													
Feet below Mudline													
Maximum Anticipated Surface Pressure (psi)													
Shut-In Tubing Pressure (psi)													
Rig Information													
Name		Id		Type		ABS Date		Coast Guard Date					
Blowout Preventers													
Preventer		Size		Working Pressure		--- Test Pressure ---							
						Low High							
Date Commencing Work (mm/dd/yyyy) 28-OCT-2017													
Estimated duration of the operation (days) 2													
Verbal Approval Information													
Official				Date (mm/dd/yyyy)									
Questions													
Number		Question		Response		Response Text							

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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.	N/A	
2	Is this proposed operation the only lease holding activity for the subject lease? If yes, then comment.	N/A	
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.	N/A	
4	Are you downhole commingling two or more reservoirs?	N/A	
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.	YES	
7	Will the proposed operation be covered by an EPA Discharge Permit? (Please provide permit number in comments for this question)	YES	G290163

ATTACHMENTS

File Type	File Description
pdf	Proposed Wellbore Schematic
pdf	Current Wellbore Schematic
pdf	Procedures

CONTACTS

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

Application for Permit to Modify (APM)

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 c

Name and Title

Date

Nancy Rodriguez, Regulatory Technician

27-OCT-2017

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.

RKB-THF: 38.8
 RKB - MSL: 54'
 ORIG. RKB - ML: 74'
 WATER DEPTH: 20'
 TREE CONNECTION: 2-7/8" 8RD
 COMPLETION FLUID: 8.6 PPG INHIBITED SW

SURF LOC: 4,179' FSL; 4,042' FWL OF WD 24
 BHL: 4,179' FSL; 4,042' FWL OF WD 24

MUDLINE @ 74'

30", 196 PPF, DRIVE PIPE @ 270'

10-3/4", 40.5 PPF, J-55 ST&C CASING @ 3,034'
 COLLAPSE: 1,580 PSI, BURST: 3,130 PSI
 CMT W/2200 SX, TOC @ SURFACE
 MW @ CASING POINT: 10.0 PPG WBM

TUBING:
 2-7/8", 6.5 PPF, N-80, 8RD ABM @ 3,234'
 COLLAPSE: 11,160 PSI, BURST: 10,570 PSI

SPOTTED 305' OR 63 SACKS OF 16.4 PPG CLASS H CEMENT TOC @ 215' MD (149' BML) TESTED CEMENT GOOD TO 1,000 PSI FOR 30 MINUTES ON CHART
 SPOTTED 200' OF CEMENT IN 10-3/4" CASING FROM 543' MD (469' BML) TO 343' MD (269' BML) CONSISTING OF 60 SACKS OF 16.4 PPG CLASS H CEMENT, TESTED CEMENT GOOD TO 1,000 PSI FOR 30 MINUTES ON CHART
 7" CEMENT RETAINER @ 527' MD (453' BML) W/ CASING GUNS @ 543' MD (469' BML) PERFORATED 7" CASING @ 543' MD (469' BML)
 JET CUT & PULLED TUBING @ 574' MD (500' BML)

GLM's :
 1. 1,785'
 2. 2,701'
 3. 3,136'
 4. 3,604'
 5. 4,040'
 6. 4,508'
 7. 4,946'
 8. 5,416'
 9. 5,852'
 10. 6,288'

Otis "X" LN @ 2,510' MD (2,313" ID)

Otis "X" LN @ 7,990' MD (2,313" ID)

Isolated E-1 SAND PERFORATIONS
 8,080' - 8,086' MD (Sqz'd)

E-7 SAND PERFORATIONS
 8,548' - 8,562' MD

SPOT A 500' BALANCED CEMENT PLUG CONSISTING OF 96 SACKS OF 16.4 PPG CLASS H CEMENT TOC @ 7,194', TESTED CEMENT GOOD TO 1,000 PSI ON TUBING & PRODUCTION CASING TO 1,000 PSI FOR 30 MINUTES ON CHART
 JET CUT TUBING @ 7,950'

Baker Mod "FH" PKR @ 8,026' MD

1.906" TTS TTBP + DUMPED 56' OF CEMENT TOC @ 8,338', TESTED CEMENT GOOD TO 1,000 PSI FOR 30 MINUTES ON CHART

Baker "F-1" LN @ 8,403' MD (2.25" ID)
 Baker Mod "SC-1" PKR @ 8,405' MD

Gravel Pack Assy:
 48' 2-7/8" 0.8 ga. Screen
 100' 2-7/8" blank pipe
 40/60 mesh sand

Baker Mod "D" PKR @ 8,570' MD

PBTD @ 9,252' MD

7", 26PPF, N-80 LTC CASING @ 9,300'
 COLLAPSE: 5,410 PSI, BURST: 7,240 PSI
 CMT W/950 SX, CTOC @ 5,616' (20% WO) TD: 9,300' MD
 MW @ CASING POINT: 11.0 PPG WBM

Designed by ALN	Checked by ALN	Filename WD 24 #2 CURRENT T&A	Revision Date 12/10/2015	Printed On 12/10/2015	Scale
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MCMORAN OIL & GAS L.L.C.

WEST DELTA 24 #2
 OCS-G 00691
 API 17 719 00038 00
CURRENT T&A WELL DIAGRAM

RKB-THF: 38.8
 RKB - MSL: 54'
 ORIG. RKB - ML: 74'
 WATER DEPTH: 20'
 TREE CONNECTION: 2-7/8" 8RD
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MCMORAN OIL & GAS L.L.C.

WEST DELTA 24 #2
 OCS-G 00691
 API 17 719 00038 00
PROPOSED P&A WELL DIAGRAM

McMoRan Oil and Gas L.L.C.
WD 23 #2, OCS-G-01331
Permanent Abandonment Summary Procedure

OBJECTIVE:

This operation will permanently abandon the #2 wellbore from the WD 23 #2 Platform as outlined by McMoRan policy and procedures. .

PROCEDURE:

1. Mobilize PA crew and equipment to WD 23 #2 well.
2. RU equipment.
3. Cut the 13-3/8" x 30" casings at +/- 16' BML.
4. Pull and LD the 13-3/8" x 30" casings.
5. RD equipment.
6. Suspend operations.