

### Application for Permit to Modify (APM)

<b>Lease</b> P00296	<b>Area</b> LB	<b>Block</b> 6438	<b>Well Name</b> B023	<b>ST</b> 00	<b>BP</b> 00	<b>Type</b> Development
<b>Application Status</b> Approved		<b>Operator</b> 02531 DCOR, L.L.C.				

<b>Pay.gov</b>	<b>Agency</b>	<b>Pay.gov</b>
<b>Amount:</b> \$125.00	<b>Tracking ID:</b> EWL-APM-199971	<b>Tracking ID:</b> 26B3044U

<b>General Information</b>		
<b>API</b> 043122012300	<b>Approval Dt</b> 01-AUG-2018	<b>Approved By</b> John Kaiser
<b>Submitted Dt</b> 20-JUL-2018	<b>Well Status</b> Completed	<b>Water Depth</b> 161
<b>Surface Lease</b> P00296	<b>Area</b> LB	<b>Block</b> 6437

**Approval Comments**  
Conditions of Approval:  
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 Modify (APM/RPM), 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) Notify the Permitting Section at Least 24 hours in advance of beginning these approved operations AND of any required BOP tests.  
5) WAR reports are due no later than noon each Wednesday.

**Correction Narrative**

<b>Permit Primary Type</b> Other Operation
<b>Permit Subtype(s)</b> Describe Operation(S)

**Operation Description**  
Replace ESP and return to production. See attached procedure.  
DCOR Rig No. 448 to be used.

**Procedural Narrative**  
PRE-RIG OPERATIONS:  
. Confirm B-23 surface equipment is locked & tagged out.  
. Maximum anticipated surface pressure is <500 psi (gas pressure). Expected kill fluid is 8.6+ ppg FSW. Reservoir pressure is 1,880 psi at 6,940' MD (4,344' TVD). 0.433 psi/ft at bottom of ESP = 8.3 ppg  
. Punch holes in tubing as close to the pump as comfortable.  
. Circulate well to production with FSW or produced water through ESP. SI well and take pressure readings.  
. Notify BSEE 48 hours in advance of workover. A BSEE permit is required for this workover.

1 MIRU  
1.1. MIRU.  
1.2. Verify well is locked and tagged out.  
1.3. Pressure test tree bonnet and/or between seals on tubing hanger to 3,000 psi.  
1.4. Check tubing and casing pressure. Bleed off pressure and proceed to step 2 to kill

## Application for Permit to Modify (APM)

Lease P00296 Area LB Block 6438 Well Name B023 ST 00 BP 00 Type Development  
Application Status Approved Operator 02531 DCOR, L.L.C.

well.

### 2 KILL WELL

2.1. Circulated well with FSW and check tubing & casing pressure. Weight up as needed using KCl or NaCl, proceed with 2nd circulation. Ensure circulation rate is adequate and monitor returns for clean fluid. Work with production to ensure sending them returns does not cause process issues. Treat kill fluid with scale inhibitor and biocide.

### 3 ND PRODUCTION TREE, NU AND TEST BOP

3.1. With well dead, install BPV.

3.2. ND production tree. Inspect tubing hanger lock down screws. Change out hanger lock down screws if necessary. If needed, send tree to Cameron for inspection.

3.3. Check tubing hanger joint threads with short 2-7/8 EUE pup joint. Visually examine the wellhead components. Install cap on feed through mandrel.

3.4. NU and test Class III 5M (or 3M) BOPE to 250 psi low / 2,500 psi high (annular and double gate) against 2-7/8" tubing per BSEE requirements.

### 4 PULL OLD COMPLETION

4.1. MU landing joints w/ FOSV into tubing hanger.

4.2. Close annular and back out lock down screws.

4.3. Shear Baker Twin Seal packer by striping through annular. Monitor well for pressure.

4.4. LD tubing hanger. Remove BPV.

4.5. Install FOSV and circulation head. Circulate well back to pits. SD pump and monitor well.

4.6. RU spoolers and sheaves. POOH w/ tubing, cable and control line to packer. LD packer.

4.7. Send all completion equipment to Baker Hughes in Bakersfield.

4.8. Install FOSV and circulation head. Close annular and circulate hole volume through choke back to pits.

4.9. Shut down pump. Open annular preventer and observe well to ensure static conditions.

4.10. POOH w/2-7/8" tubing, cable, chemical line and ESP. Stand back the old production tubing. Keep hole full at all times. Cable bands were used on the last workover 2017.

### 5 RUN 9-5/8" SCRAPER TO PACKER DEPTH

5.1. PU 9-5/8" scraper and RIH on tubing to 600'.

5.2. Work scraper over packer area several times.

5.3. POOH and laydown scraper.

### 6 RUN ESP

6.1. RU to run Baker completion equipment, 1 x 3/8" chemical line to motor intake and 1 x 1/4" control line to SCSSSV and vent valve. Test control lines.

6.2. MU new ESP and RIH. Plan to set bottom of motor at +/- 6,650'. Band ESP cable to tubing. Test cable every 20 stands, phase-to-phase and phase-to-ground. Install chemical injection line with check valve at pump intake.

6.3. RU tubing testers. Continue running in hole with 2-7/8" tubing, hydro testing tubing to 5000 psig.

6.4. MU SCSSSV, surface packer and vent valve. Splice electric line. Pressure test SCSSSV and vent valve. RIH w/ remaining tubing and hydro test to 5,000 psi. Place surface packer



### Application for Permit to Modify (APM)

**Lease** P00296    **Area** LB    **Block** 6438    **Well Name** B023    **ST** 00    **BP** 00    **Type** Development  
**Application Status** Approved                      **Operator** 02531 DCOR, L.L.C.

10

**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.	NO	
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	SOLID STEEL DECK BETWEEN THE DRILL DECK AND THE WELL BAY, PER FIELD RULES.
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.	NO	
6	For permanent abandonment, will casings be cut 15 feet below the mudline? If no, then comment.	N/A	
7	Will the proposed operation be covered by an EPA Discharge Permit? (Please provide permit number in comments for this question)	NO	

**ATTACHMENTS**

File Type	File Description
pdf	Proposed Wellbore Schematic
pdf	Current Wellbore Schematic
pdf	B-23 Well Information
pdf	B-23 Procedure
pdf	Well Controls
pdf	B-23 BOPE Schematic
pdf	B-23 Engineering Cert
pdf	B-23 Inspection Doc
pdf	APM B35 Public Information
pdf	BOP Schedule

### Application for Permit to Modify (APM)

<b>Lease</b> P00296	<b>Area</b> LB	<b>Block</b> 6438	<b>Well Name</b> B023	<b>ST</b> 00	<b>BP</b> 00	<b>Type</b> Development
<b>Application Status</b> Approved		<b>Operator</b> 02531 DCOR, L.L.C.				

**Name** **CONTACTS**

**Company** Jimilyn Summers  
**Phone Number** DCOR, L.L.C.  
**E-mail Address** 805-535-2061  
**Contact Description** jsummers@dcorllc.com

Dale Bradley  
DCOR, L.L.C.  
805-535-2000  
dbradley@dcorllc.com

David Cohen  
DCOR, L.L.C.  
805-535-2028  
dcohen@dcorllc.com

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 ci

Name and Title

Date

Jimilyn Summers, Well Operations Technicia

20-JUL-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.