

Application for Sidetrack

Lease P00241 **Area/Block** LA 6658 **Well Name** B027 **ST** 01 **BP** 00 **Well Type** Development
Application Status Approved **Operator** 02531 DCOR, L.L.C.

Pay.gov **Agency** **Pay.gov**
Amount: \$2,113 **Tracking ID:** EWL-AST-20036 **Tracking ID:** 26DDVC3H

General Well Information (DATUM Reference: NAD 83)

API Number 043112020701	Approval Date 12/21/2018	Approved By John Kaiser
Date of Request 11/12/2018	Req Spud Date 01/01/2019	Kickoff Point 600
Water Depth (ft.) 190	Drive Size (in) 20	Mineral Code Hydrocarbon
RKB Elevation 90	Drive Depth (ft.) 293	Subsea BOP No
Verbal Approval Date		Verbal Approval By

Proposed Well Location Surface Location

LEASE (OCS) P00241	Area/Block LA 6658	Authority Federal Lease	Facility Name 51003 1
Entered Data		Calculated Departures	Calculated X-Y Coordinates
Lat: 34.33225518	S	512	X 258739.653
Lon: -119.62243749	E	1260	Y 3802112.012
Surface Plan N 123	Plan Lease (OCS) P00241	Area/Block LA 6658	

Bottom Location

LEASE (OCS) P00241	Area/Block LA 6658		
Entered Data		Calculated Departures	Calculated X-Y Coordinates
Lat: 34.33321128	S	606	X 259212.52
Lon: -119.61732857	E	787	Y 3802205.936
Bottom Plan N 123	Plan Lease (OCS) P00241	Area/Block LA 6658	

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 (NLTs), 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) Hold a prespud meeting with the crew to discuss the drilling plan for the well and possible hazards. Hold pit drills and abandon drill prior to spudding.
- 3) A revised PE certification is needed if (1) Casing setting depth or hole interval drilling depth changes by more than 100 ft TVD, (2) the casing/liner equivalent effective test pressure decreases, (3) less cement is to be pumped, (4) more cement is to be pumped in order to isolate a hydrocarbon zone that was not anticipated in the original permit, or (5) a remedial cement job is required that was not included in the original permit. You must have a PE certify these changes

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prior to these operations being performed. This revised PE certification is needed in a revised permit. For after hour approvals you must submit the revised permit with the PE certification for the revisions to this office within 72 hours.

4) All notifications and test results required as per 250.737(d)(2)(ii) must be sent to the Supervisory Inspector and/or the Lead Inspector.

5) Casing/liner test pressures are to be adjusted if the actual test fluid weight differs from the approved test fluid weight. Surface Pressures should be adjusted to allow for an equivalent pressure at the appropriate depth. The equivalent test pressure should use the same governing criteria as the original calculation. A revised PE certification is needed if the casing/liner equivalent test pressure decreases.

6) 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.

7) The test tolerance of the accumulator pump kick on/kick off pressure as well as the low pressure accumulator alarm will be 5%.

8) 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.

9) In the event of BOP system failure or leak you must immediately contact the District Office and receive approval from the District Manager prior to resuming operations. Be advised that a revised permit will be required to capture 3rd party verification that the BOP is fit for service and will operate in the conditions it which it will be used.

10) Notify the permitting and compliance sections when the rig is ready for a pre-drill inspection. Please allow adequate time for potential corrective actions prior to planned spud date.

11) Notify the permitting section at least 24 hours in advance of starting these approved operations and any subsequent required BOP tests.

12) WAR reports are due daily in the eWells system.

Mitigations:

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Geologic Information

H2S Designation Absent	H2S TVD
Anticipated Geologic Markers	
Name	Top MD
CP	670
CPTS	784
C1P	806
C1PS	835
C2P	885
C3P	957
DP	1003
DPS	1042
D1P	1055

Rig Information

RIG SPECIFICATIONS		ANCHORS	
Rig Name	DCOR RIG 411	ANCHORS	No
Type	PLATFORM	ID Number	100057
Function	WORKOVER	Constucted Year	1980
Shipyard	Shafter	Refurbished Year	2018
RATED DEPTHS			
Water Depth	500	Drill Depth	5000
CERTIFICATES			
ABS/DNV	10/31/2020	Coast Guard	10/31/2020
SAFE WELDING AREA			
Approval Date		District	
Remarks			

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Number	Question	Response	Response Text
1	Will you maintain quantities of mud and mud material (including weight materials and additives) sufficient to raise the entire system mud weight 1/2 ppg or more?	YES	Sufficient mud additives will be kept on site to raise the mud weight 1/2ppg
2	If hydrocarbon-based or synthetic-based drilling fluids were used, is the drilling rig outfitted for zero discharge, and will zero discharge procedures be followed?	N/A	Hydrocarbon based drilling fluid will not be used
3	If drilling the shallow casings strings riserless, will you maintain kill weight mud on the rig and monitor the wellbore with an ROV to ensure that it is not flowing?	N/A	
4	If requesting a waiver of the conductor casing, have you submitted a log to government agency G&G that is with in 500 feet of the proposed bottom hole location for the proposed surface casing point?	N/A	
5	Will the proposed operation be covered by an EPA Discharge Permit? (please provide permit number in comments for this question)	N/A	Any discharge will be per BPDES General Permit No. CAGZ800000
6	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	Wells do not require shut-in due to solid steel deck between deck and well bays
7	Is the calculated daily volume possible from an uncontrolled blowout of this well greater than the daily volume included in the worst case discharge scenario in the approved oil spill response plan?	NO	
8	Has the drilling rig been approved for the use of digital BOP testing? If yes, which version?	NO	

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Permit Attachments

File Type	File Description	Status
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Required Attachments

pdf	Drilling prognosis and summary of drilling, cementing, and mud processes	Attached
pdf	Directional Program	Attached
pdf	Proposed Well Location Plat	Attached
pdf	Engineering Calculation	Attached
pdf	Pore pressure (PP), Mud Weight (MW), and Fracture Gradient (FG) Plot	Attached
pdf	Proposed Wellbore Schematic	Attached
pdf	BOP & Diverter Schematics with Operating Procedures	Attached
pdf	Blind-shear ram capability and certification	Attached
pdf	BOP stack certification including statement regarding any modifications made since last certification	Attached
pdf	BOP Control System Drawings	Attached
pdf	PE Certification	Attached
pdf	RP 65-2 Response	Attached

Optional/Supplemental Attachments

pdf	RP 65-1 Response	Attached
pdf	Engineering Calculation - Casing Design DCOR	Attached
pdf	Engineering Calculation - Casing Design	Attached
pdf	Engineering Calculation - Casing Certification	Attached
pdf	Directional Spider Plot	Attached
pdf	Directional Proximity Report	Attached
pdf	Directional Proximity Plot	Attached
pdf	Directional Plot	Attached
pdf	NOV 4.0inch Drill Pipe Shear Calculator	Attached
pdf	NOV 4.5" Drill Pipe Shear Test Report	Attached
pdf	Dos Cuadras Well Control Plan	Attached

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pdf	Halliburton Cement Model	Attached
pdf	Current WBD	Attached
pdf	Cement Blend	Attached
pdf	Platform B Approved Field Rules	Attached
pdf	Rig 411 Specifications	Attached
pdf	B-27ST01 Categorical Exclusion Review	Attached
pdf	Drilling checklist	Attached
pdf	B-27 Geohazard Review	Attached
pdf	Blind-shear ram capability and certification - Shear Ram Certification	Attached

Contacts Information

Name	Jimilyn Summers	
Company	02531	DCOR, L.L.C.
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Contact Description		
Name	David Cohen	
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Contact Description		
Name	Brian Vlasko	
Company	02531	DCOR, L.L.C.
Phone Number	805-535-2039	
E-mail Address	bvasko@dcorllc.com	
Contact Description		

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Well Design Information

Interval Number 1		Type Casing			Name Intermediate			
Section Number	Casing Size (in)	Casing Weight (lb/ft)	Casing Grade	Burst Rating	Collapse Rating (psi)	Depth (ft) MD	Depth (ft) TVD	Pore Pressure (ppg)
1	7.625	26.4	K55	4140	2890	1457	976	4.8

GENERAL INFORMATION	PREVENTER INFORMATION	TEST INFORMATION
Hole Size (in) 9.875	Type Blowout	Annular Test (psi) 1000
Mud Weight (ppg) 8.8	Size (in) 13.625	BOP/Diverter Test (psi) 1000
Mud Type Code Water Base	Wellhead Rating (psi) 3000	Test Fluid Weight (ppg) 8.8
Fracture Gradient (ppg) 14.4	Annular Rating (psi) 3000	Casing/Liner Test (psi) 2898
Liner Top Depth (ft) 0.0	BOP/Diverter Rating (psi) 3000	Formation Test (ppg) 11.5
Cement Volume (cu ft) 678		

Interval Number 2		Type Liner			Name Production			
Section Number	Casing Size (in)	Casing Weight (lb/ft)	Casing Grade	Burst Rating	Collapse Rating (psi)	Depth (ft) MD	Depth (ft) TVD	Pore Pressure (ppg)
1	4.500	11.6	N-80/L-80	7780	6350	3147	1036	4.8

GENERAL INFORMATION	PREVENTER INFORMATION	TEST INFORMATION
Hole Size (in) 6.750	Type Blowout	Annular Test (psi) 1000
Mud Weight (ppg) 8.8	Size (in) 13.625	BOP/Diverter Test (psi) 1000
Mud Type Code Water Base	Wellhead Rating (psi) 3000	Test Fluid Weight (ppg) 8.8
Fracture Gradient (ppg) 14.4	Annular Rating (psi) 3000	Casing/Liner Test (psi) 0
Liner Top Depth (ft) 1357.0	BOP/Diverter Rating (psi) 3000	Formation Test (ppg) 10.0
Cement Volume (cu ft) 0		

CERTIFICATION: I certify that the information submitted is complete and accurate to the best of my knowledge. I understand that making a false statement may subject me to criminal penalties under 18 U.S.C 1001.

Name and Title: Jimilyn Summers, Well Operations Technician

Date: 12-NOV-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 27 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 for the Information Collection Clearance Officer, Mail Stop 4230, Minerals Management Service, 1849