Application for Permit to Modify (APM)

Lease P00166 Are	ea LA Block	6660 We	ll Name	A021	ST	BP	Type Development
Application Status Approved Operator 01560 Pacific Operators Offshore, LLC							
Pay.gov Amount: \$125.00		Agency Tracking	ID: EWL-	APM-189	162	Pay.gov Tracking	ID: 25UGS8JS
General Informa	ation						
API 043112004400	1	Approval Dt	01-NOV-	2016		Approve	ed By John Kaiser
Submitted Dt 17-00	T-2016 V	Well Status	Complet	ed		Water I	Depth 154
Surface Lease P00	166	Area	LA			Block	6660

Approval Comments

COAs:

- 1) Notify the Permitting section at least 24 hours in advance of beginning these approved operations and of any required BOP tests.
- 2) Notify the Permitting section at least 24 hours in advance of tagging or testing any of the proposed cement plugs.
- 3) Future APMs will include any API S53 required documentation and certifications.

Correction Narrative

Permit Primary Type Abandonment Of Well Bore

Permit Subtype(s)

Temporary Abandonment

Operation Description

Temporarily Abandon the well bore.

Procedural Narrative

A retainer will be set 50' above the top perforations. cement will be pumped into the retainer to cover all the perforations.

After partially filling the hole with mud, a retainer will be set above the 10-3/4" shoe and the 7" x 10-3/4" annulus will be tested for cement isolation by perforating 4 spf and pressure testing. If the pressure holds, then the original primary cement job was good. If not, cement will be squeezed into the annular space. The retainer will then be capped with cement.

Following additional mud displacement in the 7" casing, a retainer will be set at 500' and capped with cement to within 50' of the mud-line.

Note: if the the earlier test of the $7" \times 10-3/4"$ fails, then additional perf's will be shot at 550", below the retainer, and pressure tested. If pressure leaks, then cement will be squeezed into the annular space.

Subsurface Safety Valve

Type Installed N/A

Feet below Mudline

Maximum Anticipated Surface Pressure (psi) 150

Shut-In Tubing Pressure (psi) 120

Rig Information

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Name	Id	Туре	ABS Date	Coast Guard Date
* PLATFORM RIG TO BE DETERMINI	60006	PLATFORM	31-DEC-2019	31-DEC-2019

Blowout Preventers Test Pressure						
	Preventer	Size	Working Pressure	Low	High	
	Annular		3000	250	750	
	Rams	12	3000	250	750	

Date Commencing Work (mm/dd/yyyy) 17-0CT-2016

Estimated duration of the operation (days) 12

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	The rig moves on a skid frame on an upper deck above all wells in the well bay					
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.	NO						
6	For permanent abandonment, will casings be cut 15 feet below the mudline? If no, then comment.	NO	Permanent well abandonment will be done at time of platform abandonment					
7	Will the proposed operation be covered by an EPA Discharge Permit? (Please provide permit number in comments for this question)	N/A						
	ATTACHMENTS							

ATTACHMENTS

File Type File Description

pdf A-21 Workover BOP stack pdf Proposed Wellbore Schematic

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Lease P00166 Area	LA Block 6660 Well Name A021 ST BP Type Development		
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pdf	Current Wellbore Schematic		
pdf A-21 Temporary Abandonment program			
pdf	A-21 Directional Survey		
pdf	A-21 Geologic Markers		
pdf	A-21 Induction Electric Log 2-29-1968		
pdf	A-21 CBL 10-1-1968		
	CONTACTS		
Name	Ronald Nazeley		
Company	Pacific Operators Offshore, LLC		
Phone Number 805-899-3144			
E-mail Address nazeley@pacops.com			
Contact Descriptio	n e e e e e e e e e e e e e e e e e e e		

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 careful the statement of the careful that making a false statement may subject me to careful the statement of t

Name and Title		Date	
	Ronald Nazeley, VP & Chief Engineer		18-OCT-2016

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.

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