

## Application for Permit to Modify (APM)

<b>Lease</b> P00301	<b>Area</b> LB	<b>Block</b> 6488	<b>Well Name</b> A049	<b>ST</b> 01	<b>BP</b> 01	<b>Type</b> Development
<b>Application Status</b> Approved		<b>Operator</b> 03126 Beta Operating Company, LLC				
<b>Pay.gov</b> Amount: \$145.00		<b>Agency</b> Tracking ID: EWL-APM-250905		<b>Pay.gov</b> Tracking ID: 27A7DFNA		
<b>General Information</b>						
<b>API</b> 043122007702	<b>Approval Dt</b> 20-DEC-2023		<b>Approved By</b> Carl Lakner			
<b>Submitted Dt</b> 15-DEC-2023	<b>Well Status</b> Completed		<b>Water Depth</b> 265			
<b>Surface Lease</b> P00300	<b>Area</b> LB	<b>Block</b> 6438				
<b>Approval Comments</b>						
<b>Correction Narrative</b>						
<b>Permit Primary Type</b> Workover						
<b>Permit Subtype(s)</b>						
Change Tubing						
Other Workover						
<input type="checkbox"/> <b>Proposed or</b> <input type="checkbox"/> <b>Completed Work</b>						
<b>Operation Description</b>						
Clean out the wellbore with coil tubing and acidize. Replace ESP assembly and any bad tubing.						
<b>Procedural Narrative</b>						
The A-49 pump failed in 2019. This workover will pull the ESP, clean out the wellbore with coil tubing, acidize with 8,000 gals of DAD acid (SB4 vol 40,639 gals) and run a new ESP pump. Any bad tubing joints will be replaced.  SB4 Volume Calculation: 71.8 gals per foot over 566' of reservoir sand at a porosity of 26% yields an SB4 volume of 40,639 gallons. Job design calls for 8000 gals of DAD Acid.						
<b>Subsurface Safety Valve</b>						
<b>Type Installed</b> SCSSV						
<b>Feet below Mudline</b> 233						
<b>Maximum Anticipated Surface Pressure (psi)</b> 1400						
<b>Shut-In Tubing Pressure (psi)</b>						
<b>Maximum Anticipated Wellhead Pressure (psi)</b> 1400						
<b>Shut-In Wellhead Pressure (psi)</b>						
<b>Rig Information</b>						
<b>Name</b>	<b>Id</b>	<b>Type</b>	<b>ABS Date</b>	<b>Coast Guard Date</b>		
BETA RIG #1	36007	PLATFORM	01-JAN-2014	01-JAN-2014		

### Application for Permit to Modify (APM)

Lease P00301	Area LB	Block 6488	Well Name A049	ST 01	BP 01	Type Development
Application Status Approved			Operator 03126 Beta Operating Company, LLC			

Blowout Preventers				
Preventer	Size	Working Pressure	--- Test Pressure ---	
			Low	High
Rams	2x5	5000	250	2350
Annular		5000	250	2350
Coil Tubing		10000	250	5000

Date Commencing Work (mm/dd/yyyy) 18-DEC-2023

Estimated duration of the operation (days) 7

Verbal Approval Information	
Official	Date (mm/dd/yyyy)

Questions			
Number	Question	Response	Response Text
A	Is H2S present in the well? If yes, then comment on the inclusion of a Contingency Plan for this operation.	NO	
B	Is this proposed operation the only lease holding activity for the subject lease? If yes, then comment.	NO	
C	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	
D	If sands are to be commingled for this completion, has approval been obtained?	N/A	
E	Will the completed interval be within 500 feet of a block line? If yes, then comment.	NO	
F	For permanent abandonment, will casings be cut 15 feet below the mudline? If no, then comment.	N/A	
G	Will you ensure well-control fluids, equipment, and operations be designed, utilized, maintained, and/or tested as necessary to control the well in foreseeable conditions and circumstances, including subfreezing conditions?	YES	

**Application for Permit to Modify (APM)**

**Lease** P00301    **Area** LB    **Block** 6488    **Well Name** A049    **ST** 01    **BP** 01    **Type** Development  
**Application Status** Approved                      **Operator** 03126 Beta Operating Company, LLC

**Questions**

Number	Question	Response	Response Text
H	Will digital BOP testing be used for this operation? If "yes", state which version in the comment box?	NO	
I	Is this APM being submitted to remediate sustained casing pressure (SCP)? If "yes," please specify annulus in the comment box. If you have been given a departure/denial for SCP, include in the attachments.	NO	
J	Are you pulling tubulars and/or casing with a crane? If "YES" have documentation on how you will verify the load is free per API RP 2D. This documentation must be maintained by the lessee at the lessee's field office.	NO	
K	Will the proposed operation be covered by an EPA Discharge Permit? (Please provide permit number comments for this question).	N/A	
L	Will you be using multiple size work string/ tubing/coil tubing/snubbing/wireline? If yes, attach a list of all sizes to be used including the size, weight, and grade.	NO	
M	For both surface and subsea operations, are you utilizing a dynamically positioned vessel and/or non-bottom supported vessel at any time during this operation?	NO	

**ATTACHMENTS**

File Type	File Description
pdf	Well A-49 CER
pdf	Well Test Information
pdf	Proposed Wellbore Schematic
pdf	Current Wellbore Schematic
pdf	Ellen BOP AP1
pdf	Ellen BOP AP2
pdf	Ellen DGP1
pdf	Ellen DGP2
pdf	Ellen DGP3

**Application for Permit to Modify (APM)**

<b>Lease</b> P00301	<b>Area</b> LB	<b>Block</b> 6488	<b>Well Name</b> A049	<b>ST</b> 01	<b>BP</b> 01	<b>Type</b> Development
<b>Application Status</b> Approved		<b>Operator</b> 03126 Beta Operating Company, LLC				

- pdf Ellen DGP4
- pdf Ellen DGP5
- pdf Ellen DGP6
- pdf Ellen Drill Spool Certifications
- pdf Ellen SGP1
- pdf Ellen SGP2
- pdf SLB CT1
- pdf SLB CT2
- pdf Deviation Survey
- pdf Workover Program

**CONTACTS**

**Name** Rebecca Altemus  
**Company** Beta Operating Company, LLC  
**Phone Number** 832-408-8652  
**E-mail Address** rebecca.altemus@amplifyenergy.com  
**Contact Description**

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 Rebecca Altemus, Senior Staff Reservoir Eng Date 17-DEC-2023

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.

## Application for Permit to Modify (APM)

Lease P00301    Area LB    Block 6488    Well Name A049    ST 01    BP 01    Type Development  
Application Status Approved    Operator 03126 Beta Operating Company, LLC

### Variations Requested for this Permit

## Application for Permit to Modify (APM)

**Lease** P00301    **Area** LB    **Block** 6488    **Well Name** A049    **ST** 01    **BP** 01    **Type** Development  
**Application Status** Approved            **Operator** 03126 Beta Operating Company, LLC