

### Application for Permit to Modify (APM)

<b>Lease</b> P00300	<b>Area</b> LB	<b>Block</b> 6438	<b>Well Name</b> A031	<b>ST</b> 02	<b>BP</b> 00	<b>Type</b> Development
<b>Application Status</b> Approved		<b>Operator</b> 03126 Beta Operating Company, LLC				

<b>Pay.gov</b>	<b>Agency</b>	<b>Pay.gov</b>
<b>Amount:</b> \$145.00	<b>Tracking ID:</b> EWL-APM-251109	<b>Tracking ID:</b> 27AT10A5

<b>General Information</b>		
<b>API</b> 043122006002	<b>Approval Dt</b> 23-JAN-2024	<b>Approved By</b> Carl Lakner
<b>Submitted Dt</b> 10-JAN-2024	<b>Well Status</b> Completed	<b>Water Depth</b> 265
<b>Surface Lease</b> P00300	<b>Area</b> LB	<b>Block</b> 6438

**Approval Comments**

**Correction Narrative**

<b>Permit Primary Type</b> Workover
<b>Permit Subtype(s)</b> Change Tubing

Proposed or  Completed Work

**Operation Description**  
 ESP will be pulled, well cleaned out and acidized with coil tubing. Tubing and ESP will be replaced.

**Procedural Narrative**  
 The A-31 was returned to production in April but developed a hole in the tubing and was shut in 8/19/23.  
 This workover will pull the ESP, clean out the wellbore with coil tubing, acidize with 8,000 gals of DAD acid (SB4 vol 51,983 gals) and run a new ESP pump. The tubing will also be replaced.

SB4 Volume Calculation:  
 71.8 gals per foot over 724' of reservoir sand at a porosity of 26% yields an SB4 volume of 51,983 gallons.  
 Job design calls for 8000 gals of DAD Acid.

**Subsurface Safety Valve**

<b>Type Installed</b> SCSSV
<b>Feet below Mudline</b> 196
<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

<b>Blowout Preventers</b>				
<b>Preventer</b>	<b>Size</b>	<b>Working Pressure</b>	--- Test Pressure ---	
			<b>Low</b>	<b>High</b>
Rams	2x5	5000	250	2350

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**Blowout Preventers**

Preventer	Size	Working Pressure	--- Test Pressure ---	
			Low	High
Annular		5000	250	2350
Coil Tubing		10000	250	5000

**Date Commencing Work (mm/dd/yyyy)** 19-JAN-2024

**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	
H	Will digital BOP testing be used for this operation? If "yes", state which version in the comment box?	NO	

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Number	Question	Response	Response Text
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	Workover Program
pdf	Deviation Survey with Dog Leg Severity
pdf	Well Test Information
pdf	Proposed Wellbore Schematic
pdf	Current Wellbore Schematic
pdf	Ellen AP 1
pdf	Ellen AP 2
pdf	Ellen DGP 1
pdf	Ellen DGP 2
pdf	Ellen DGP 3
pdf	Ellen DGP 4
pdf	Ellen DGP 5

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pdf	Ellen DGP 6
pdf	Ellen Drill Spool Cert
pdf	Ellen SGP 1
pdf	Ellen SGP 2
pdf	SLB CT1
pdf	SLB CT2
pdf	Well A-031 CER

#### CONTACTS

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

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
Rebecca Altemus, Senior Staff Reservoir Eng	10-JAN-2024

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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### Variations Requested for this Permit

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