

### Application for Permit to Modify (APM)

<b>Lease</b> P00301	<b>Area</b> LB	<b>Block</b> 6488	<b>Well Name</b> A023	<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-251964	<b>Tracking ID:</b> 27DMIPQ4

<b>General Information</b>		
<b>API</b> 043122005702	<b>Approval Dt</b> 01-MAY-2024	<b>Approved By</b> Carl Lakner
<b>Submitted Dt</b> 17-APR-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>
Other Workover

Proposed or  Completed Work

**Operation Description**  
 Replace ESP, clean out with coil tbg and acidize.

**Procedural Narrative**  
 The A-23 ST02 pump failed on 2/23/24 due to solids production.  
  
 This workover will pull the ESP, clean out the wellbore with coil tubing and acidize with 8,000 gals of DAD Acid (SB4 volume is 35,900 gallons). A new ESP pump will be run.  
  
 SB4 Volume Calculation:  
 71.8 gals per foot over 500' of reservoir sand at a porosity of 26% yields an SB4 volume of 35,900 gallons. Job design calls for 4000 gals of DAD acid.

**Subsurface Safety Valve**

<b>Type Installed</b> SCSSV
<b>Feet below Mudline</b> 190
<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>				
			--- Test Pressure ---	
<b>Preventer</b>	<b>Size</b>	<b>Working Pressure</b>	<b>Low</b>	<b>High</b>
Rams	2x5	5000	250	2350
Annular		5000	250	2350
Coil Tubing		10000	250	5000

**Date Commencing Work (mm/dd/yyyy)** 25-APR-2024

**Estimated duration of the operation (days)** 4

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

**Lease** P00301    **Area** LB    **Block** 6488    **Well Name** A023    **ST** 02    **BP** 00    **Type** Development  
**Application Status** Approved                      **Operator** 03126 Beta Operating Company, LLC

**Verbal Approval Information**  
**Official** \_\_\_\_\_                      **Date (mm/dd/yyyy)** \_\_\_\_\_

<b>Questions</b>			
<b>Number</b>	<b>Question</b>	<b>Response</b>	<b>Response Text</b>
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	
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	

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

**Lease** P00301    **Area** LB    **Block** 6488    **Well Name** A023    **ST** 02    **BP** 00    **Type** Development  
**Application Status** Approved                      **Operator** 03126 Beta Operating Company, LLC

**Questions**

Number	Question	Response	Response Text
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-23 CER
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
pdf	Ellen DGP 6
pdf	Ellen Drill Spool Cert
pdf	Ellen SGP 1
pdf	Ellen SGP 2
pdf	SLB CT Certs 1
pdf	SLB CT Certs 2
pdf	Workover Program
pdf	Deviation Survey with Dog Leg Severity

### Application for Permit to Modify (APM)

<b>Lease</b> P00301	<b>Area</b> LB	<b>Block</b> 6488	<b>Well Name</b> A023	<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				

pdf Well Test info  
pdf Coil tbg BOP certs  
pdf Coil tbg BOP certs

#### 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 ci

Name and Title

Date

Rebecca Altemus, Senior Staff Reservoir Eng

17-APR-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.

## Application for Permit to Modify (APM)

Lease P00301    Area LB    Block 6488    Well Name A023    ST 02    BP 00    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** A023    **ST** 02    **BP** 00    **Type** Development  
**Application Status** Approved            **Operator** 03126 Beta Operating Company, LLC