

### Application for Permit to Modify (APM)

Lease P00301	Area LB	Block 6438	Well Name A057	ST 00	BP 00	Type Development
Application Status Approved			Operator 03126 Beta Operating Company, LLC			

Pay.gov Amount: \$145.00	Agency Tracking ID: EWL-APM-249428	Pay.gov Tracking ID: 277IK6S4
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<b>General Information</b>		
API 043122009200	Approval Dt 11-SEP-2023	Approved By Carl Lakner
Submitted Dt 31-AUG-2023	Well Status Completed	Water Depth 265
Surface Lease P00300	Area LB	Block 6438

Approval Comments

Correction Narrative

Permit Primary Type Workover
Permit Subtype(s) Change Tubing

Proposed or  Completed Work

**Operation Description**  
 The ESP will be pulled, well will be cleaned out and acidized with coil. ESP will be run with 3/8" cap string to ESP motor, ESP cable, 1/2" cap line and 1/4" control line.

**Procedural Narrative**  
 The A57 is currently shut in due to a hole in the tubing. In this workover, the ESP will be pulled, well will be cleaned out and acidized with 8,000 gals of DAD acid (SB4 volume of 68,784 gallons) using the coil. ESP will be run with 3/8" cap string to ESP motor, ESP cable, 1/2" cap line and 1/4" control line. The 1/2" cap line and the 1/4" control line will go to the packer.

SB4 Volume Calculation:  
 71.8 gals per foot over 1721' of reservoir sand at a porosity of 26% yields an SB4 volume of 68,784 gallons.  
 Job design calls for 8000 gals of DAD Acid.

**Subsurface Safety Valve**

Type Installed	SCSSV
Feet below Mudline	222
Maximum Anticipated Surface Pressure (psi)	1400
Shut-In Tubing Pressure (psi)	
Maximum Anticipated Wellhead Pressure (psi)	1400
Shut-In Wellhead Pressure (psi)	

<b>Rig Information</b>				
Name	Id	Type	ABS Date	Coast Guard Date
BETA RIG #1	36007	PLATFORM	01-JAN-2014	01-JAN-2014

<b>Blowout Preventers</b>				
Preventer	Size	Working Pressure	--- Test Pressure ---	
			Low High	
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) 07-SEP-2023

Estimated duration of the operation (days) 17

**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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**Questions**

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	Well A-57 CER
pdf	Well Test Information
pdf	Proposed Wellbore Schematic
pdf	Current Wellbore Schematic
pdf	Deviation Survey with Dog Leg Severity
pdf	Workover Program
pdf	Coil tbg BOP certs
pdf	Coil tbg BOP certs
pdf	Ellen BOP Data
pdf	Ellen BOP Data - SGP 1
pdf	Ellen BOP Data - SGP 2
pdf	Ellen BOP Data - Ann Prev 1

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- pdf Ellen BOP Data - Ann Prev 2
- pdf Ellen BOP Data - DG Prev 1
- pdf Ellen BOP Data - DG Prev 2
- pdf Ellen BOP Data - DG Prev 3
- pdf Ellen BOP Data - DG Prev 4
- pdf Ellen BOP Data - DG Prev 5
- pdf Ellen BOP Data - DG Prev 6

**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
<u>Rebecca Altemus, Senior Staff Reservoir Eng</u>	<u>31-AUG-2023</u>

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### Variations Requested for this Permit

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