

Application for Permit to Modify (APM)

Lease P00301 **Area** LB **Block** 6438 **Well Name** A043 **ST** 00 **BP** 01 **Type** Development
Application Status Approved **Operator** 03126 Beta Operating Company, LLC

Pay.gov **Agency** **Pay.gov**
Amount: \$145.00 **Tracking ID:** EWL-APM-251966 **Tracking ID:** 27DQ4KF8

General Information
API 043122007100 **Approval Dt** 06-MAY-2024 **Approved By** James Salmons
Submitted Dt 22-APR-2024 **Well Status** Completed **Water Depth** 265
Surface Lease P00300 **Area** LB **Block** 6438

Approval Comments

Correction Narrative

Permit Primary Type Workover
Permit Subtype(s)
 Other Workover

Proposed or **Completed Work**

Operation Description
 Pull and replace ESP, clean out and acidize with coil tubing.

Procedural Narrative
 This workover will pull the ESP, clean out the liner with coil tubing, acidize with 8,000 gals of DAD acid (SB4 vol 105,905 gals) and run a new ESP pump. Any bad tubing joints will be replaced.

 SB4 Volume Calculation:
 71.8 gals per foot over 1475' of reservoir sand at a porosity of 26% yields an SB4 volume of 105,905 gallons.
 Job design calls for 8000 gals of DAD Acid.

Subsurface Safety Valve
Type Installed SCSSV
Feet below Mudline 256
Maximum Anticipated Surface Pressure (psi) 1400
Shut-In Tubing Pressure (psi)
Maximum Anticipated Wellhead Pressure (psi) 1400
Shut-In Wellhead Pressure (psi)

Rig Information

| Name | Id | Type | ABS Date | Coast Guard Date |
|-------------|-------|----------|-------------|------------------|
| BETA RIG #1 | 36007 | PLATFORM | 01-JAN-2014 | 01-JAN-2014 |

Blowout Preventers

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

Date Commencing Work (mm/dd/yyyy) 01-MAY-2024

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Estimated duration of the operation (days) 4

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? | YES | |
| 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 | |

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|--------|---|----------|---------------|
| 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-43 CER |
| 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 |
| 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 | Deviation Survey with Dog Leg Severity |

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|------------------------------------|----------------|---|-----------------------|--------------|--------------|-------------------------|
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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 ci

| | |
|--|--------------------|
| Name and Title | Date |
| <u>Rebecca Altemus, Senior Staff Reservoir Eng</u> | <u>22-APR-2024</u> |

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Variations Requested for this Permit

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