

Application for Permit to Modify (APM)

| | | | | | | | | | | | | | |
|--------------------|----------|------|----|----------|-----------------------------------|-----------|------|----|----|----|----|------|-------------|
| Lease | P00301 | Area | LB | Block | 6488 | Well Name | C061 | ST | 01 | BP | 00 | Type | Development |
| Application Status | Approved | | | Operator | 03126 Beta Operating Company, LLC | | | | | | | | |

| | | |
|------------------|-------------------------------|-----------------------|
| Pay.gov | Agency | Pay.gov |
| Amount: \$145.00 | Tracking ID: EWL-APM-253377-1 | Tracking ID: 27GQTO41 |

| | | | |
|----------------------------|--------------|-------------|-------------|
| General Information | | | |
| API | 043122016601 | Approval Dt | 13-AUG-2024 |
| Submitted Dt | 12-AUG-2024 | Well Status | Completed |
| Approved By | Carl Lakner | | |
| Surface Lease | P00301 | Area | LB |
| Water Depth | 700 | | |
| Block | 6488 | | |

Approval Comments

Correction Narrative

| | |
|---------------------|----------------|
| Permit Primary Type | Workover |
| Permit Subtype(s) | Other Workover |

Proposed or Completed Work

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

Procedural Narrative
 The C-61 ESP ground faulted on 8/9/24.

This workover will pull the downhole assembly, clean out the wellbore with coil tubing, acidize with 8,000 gals of DAD acid (SB4 volume is 123,496 gals) and run a new ESP pump.

SB4 Volume Calculation:
 71.8 gals per foot over 1721' of reservoir sand at a porosity of 26% yields an SB4 volume of 123,496 gallons.
 Job design calls for 8000 gals of DAD Acid.

Subsurface Safety Valve

| | |
|---|-------|
| Type Installed | SCSSV |
| Feet below Mudline | 300 |
| 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 #2 | 36006 | PLATFORM | | |

| 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)

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14-AUG-2024

Estimated duration of the operation (days) 5

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 C-61 CER |
| pdf | Well Test Information |
| pdf | Proposed Wellbore Schematic |
| pdf | Current Wellbore Schematic |
| pdf | Deviation Survey with dog leg severity |
| pdf | Workover Program |
| pdf | Eureka BOP Data 1 of 4 |
| pdf | Eureka BOP Data 2 of 4 |
| pdf | Eureka BOP Data 3 of 4 |
| pdf | Eureka BOP Data 4 of 4 |
| pdf | Coil Tbg Cert 1 |
| pdf | Coil Tbg Cert 2 |

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

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>12-AUG-2024</u> |

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Variations Requested for this Permit

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Existing Variances

No previously approved variances exist for this permit

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Reviews

| | |
|------------------|--|
| Review: | APM - District Production Engineering Review |
| Sent: | 13-AUG-24 |
| Review Started: | 13-AUG-24 |
| Review Finished: | 13-AUG-24 |
| Info Adequate: | Y |
| Review Remarks: | |
| Review: | BOP Control System Drawing Review |
| Sent: | 13-AUG-24 |
| Review Started: | 13-AUG-24 |
| Review Finished: | 13-AUG-24 |
| Info Adequate: | Y |
| Review Remarks: | |
| Review: | Determination of NEPA Adequacy |
| Sent: | 12-AUG-24 |
| Review Started: | 12-AUG-24 |
| Review Finished: | 12-AUG-24 |
| Info Adequate: | Y |
| Review Remarks: | |