

FORM
6Rev
05/18

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

402294109

Date Received:

01/24/2020

WELL ABANDONMENT REPORT

This form is to be submitted as an Intent to Abandon whenever an abandonment is planned on a borehole. After the abandonment is complete, this form shall again be submitted as a Subsequent Report of the actual work completed. The approved intent shall be valid for six months after the approval date, after that period, a new intent will be required. Attachments required with the Intent to Abandon are wellbore diagrams of the current configuration and the proposed configuration with plugs set.

A Subsequent Report of Abandonment shall indicate the actual work completed. Attachments required with a Subsequent Report are a wellbore diagram showing plugs that were set and casing remaining in the hole, the job summaries from all plugging contractors used, including wireline and cementing (third party verification) and any logs that may have been run during abandonment.

| | |
|--|---------------------------------------|
| OGCC Operator Number: <u>47120</u> | Contact Name: <u>Jennifer Thomas</u> |
| Name of Operator: <u>KERR MCGEE OIL & GAS ONSHORE LP</u> | Phone: <u>(720) 929-6808</u> |
| Address: <u>P O BOX 173779</u> | Fax: _____ |
| City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80217-</u> | Email: <u>jennifer_thomas@oxy.com</u> |
| For "Intent" 24 hour notice required, Name: <u>Santistevan, Brittani</u> Tel: <u>(720) 471-1110</u> | |
| COGCC contact: Email: <u>brittani.santistevan@state.co.us</u> | |

| | | |
|---|--|--------------------------|
| API Number <u>05-123-24074-00</u> | Well Name: <u>UIV</u> | Well Number: <u>6-20</u> |
| Location: QtrQtr: <u>SENW</u> Section: <u>20</u> Township: <u>5N</u> Range: <u>67W</u> Meridian: <u>6</u> | | |
| County: <u>WELD</u> | Federal, Indian or State Lease Number: _____ | |
| Field Name: <u>WATTENBERG</u> | Field Number: <u>90750</u> | |

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

| | |
|---|--|
| Latitude: <u>40.386430</u> | Longitude: <u>-104.918820</u> |
| GPS Data: | |
| Date of Measurement: <u>02/07/2007</u> | PDOP Reading: <u>2.8</u> GPS Instrument Operator's Name: <u>CHRIS FISHER</u> |
| Reason for Abandonment: <input type="checkbox"/> Dry <input checked="" type="checkbox"/> Production Sub-economic <input type="checkbox"/> Mechanical Problems | |
| <input type="checkbox"/> Other _____ | |
| Casing to be pulled: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Estimated Depth: _____ |
| Fish in Hole: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If yes, explain details below |
| Wellbore has Uncemented Casing leaks: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If yes, explain details below |
| Details: _____ | |

Current and Previously Abandoned Zones

| Formation | Perf. Top | Perf. Btm | Abandoned Date | Method of Isolation | Plug Depth |
|-----------|-----------|-----------|----------------|---------------------|------------|
| CODELL | 7152 | 7174 | | | |
| NIOBRARA | 6832 | 7050 | | | |

Total: 2 zone(s)

Casing History

| Casing Type | Size of Hole | Size of Casing | Weight Per Foot | Setting Depth | Sacks Cement | Cement Bot | Cement Top | Status |
|-------------|--------------|----------------|-----------------|---------------|--------------|------------|------------|--------|
| SURF | 12+1/4 | 8+5/8 | 24 | 520 | 220 | 520 | 0 | VISU |
| 1ST | 7+7/8 | 4+1/2 | 11.6 | 7,734 | 775 | 7,734 | 2,232 | CBL |

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6770 with 2 sacks cmt on top. CIBP #2: Depth 3770 with 2 sacks cmt on top.
CIBP #3: Depth _____ with _____ sacks cmt on top. CIBP #4: Depth _____ with _____ sacks cmt on top.
CIBP #5: Depth _____ with _____ sacks cmt on top.

NOTE: Two(2) sacks cement required on all CIBPs.

Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:

Perforate and squeeze at 620 ft. with 240 sacks. Leave at least 100 ft. in casing _____ CICR Depth
Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth
Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth
(Cast Iron Cement Retainer Depth)

Set _____ sacks half in. half out surface casing from _____ ft. to _____ ft. Plug Tagged:
Set 240 sacks at surface
Cut four feet below ground level, weld on plate Above Ground Dry-Hole Marker: Yes No
Set _____ sacks in rat hole Set _____ sacks in mouse hole

Additional Plugging Information for Subsequent Report Only

Casing Recovered: _____ ft. _____ inch casing Cut and Cap Date: _____
of _____
*Wireline Contractor: _____ *Cementing Contractor: _____
Type of Cement and Additives Used: _____
Flowline/Pipeline has been abandoned per Rule 1105 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: Jennifer Thomas
Title: Regulatory Analyst Date: 1/24/2020 Email: rscdjpostdrill@anadarko.com

Based on the information provided herein, this Well Abandonment Report (Form 6) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: McFarland, Nick Date: 1/30/2020

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 7/29/2020

| COA Type | Description |
|-----------------|---|
| | <p>Prior to starting plugging operations a bradenhead test shall be performed if there has not been a reported bradenhead test within the 60 days immediately preceding the start of plugging operations.</p> <p>1) If, before opening the bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required.</p> <p>2) If pressure remains at the conclusion of the test, or if any liquids were present during the test, sampling is required.</p> <p>The Form 17 shall be submitted within 10 days of the test. Sampling shall comply with Operator Guidance - Bradenhead Testing and Reporting Instructions. If samples are collected, copies of all final laboratory analytical results shall be provided to the COGCC within three (3) months of collecting the samples.</p> <p>If there is a need for sampling, contact COGCC engineering for verification of plugging procedure.</p> |
| | <p>1) Provide 48 hour notice of plugging MIRU via electronic Form 42.</p> <p>2) After placing the shallowest hydrocarbon isolating plug (6770'), operator must wait a sufficient time to confirm static conditions. If at any time after placing this plug there is evidence of pressure or of fluid migration, contact COGCC engineering before continuing operations.</p> <p>3) Prior to placing the 620' plug: verify that all fluid migration (liquid and gas) has been eliminated. If evidence of fluid migration or pressure remains, contact COGCC Engineer for an update to plugging orders.</p> <p>4) After isolation has been verified, pump plug and displace. If cement is not circulated to surface, shut-in, WOC 4 hours then tag plug – must be at 470' or shallower and provide 10 sx plug at the surface.</p> <p>5) Leave at least 100' of cement in the wellbore for each plug.</p> <p>6) Properly abandon flowlines per Rule 1105. File electronic Form 42 once abandonment of on-location flowlines is complete. Within 30 days of an operator completing abandonment requirements for an off-location flowline or crude oil transfer line the operator must submit a Flowline Report, Form 44.</p> <p>7) With the Form 6 SRA operator must provide written documentation which positively affirms each COA has been addressed.</p> |
| | <p>Operator shall implement measures to control venting, to protect health and safety, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public welfare.</p> |
| | <p>Submit Operator's Monthly Production Reports (Form 7) required for compliance with Rule 309 within 30 days</p> <p>-Missing production reporting for 1/2007 and 10/2016</p> |

Attachment Check List

| Att Doc Num | Name |
|--------------------|-----------------------------|
| 402294109 | FORM 6 INTENT SUBMITTED |
| 402294116 | PROPOSED PLUGGING PROCEDURE |
| 402294117 | WELLBORE DIAGRAM |

Total Attach: 3 Files

General Comments

| User Group | Comment | Comment Date |
|-------------------|--|---------------------|
| Engineer | Well file verification NOT completed prior to approval of NOIA. | 01/30/2020 |
| Engineer | Sussex / Shannon NOT productive within 1 mile. Deepest water well within 1 mile: 200' SB5 Base of Fox Hills Aquifer: N/A | 01/30/2020 |
| Permit | Verified as drilled lat/long Verified completed intervals (400090679) | 01/27/2020 |

Total: 3 comment(s)