

Document Number:
401563858

Date Received:
03/05/2018

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: 47120 Contact Name: CHERYL LIGHT

Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP Phone: (720) 929-6461

Address: P O BOX 173779 Fax: (720) 929-7461

City: DENVER State: CO Zip: 80217- Email: cheryl.light@anadarko.com

For "Intent" 24 hour notice required, Name: Gomez, Jason Tel: (970) 573-1277

COGCC contact: Email: jason.gomez@state.co.us

API Number 05-123-30387-00 Well Number: 36-14

Well Name: WEICHEL

Location: QtrQtr: SWSW Section: 14 Township: 2N Range: 65W Meridian: 6

County: WELD Federal, Indian or State Lease Number: _____

Field Name: WATTENBERG Field Number: 90750

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.134225 Longitude: -104.636869

GPS Data:
Date of Measurement: 09/16/2009 PDOP Reading: 1.9 GPS Instrument Operator's Name: Cody Mattson

Reason for Abandonment: Dry Production Sub-economic Mechanical Problems

Other _____

Casing to be pulled: Yes No Estimated Depth: 765

Fish in Hole: Yes No If yes, explain details below

Wellbore has Uncemented Casing leaks: Yes 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 | 7530 | 7546 | | | |
| NIOBRARA | 7300 | 7404 | | | |

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 | 864 | 540 | 864 | 0 | VISU |
| 1ST | 7+7/8 | 4+1/2 | 11.6 | 7,677 | 895 | 7,677 | 785 | CBL |

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7225 with 25 sacks cmt on top. CIBP #2: Depth 4470 with 2 sacks cmt on top.
CIBP #3: Depth 80 with 25 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 25 sks cmt from 7225 ft. to 6875 ft. Plug Type: CASING 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 _____ 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
Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth
(Cast Iron Cement Retainer Depth)

Set 80 sacks half in. half out surface casing from 964 ft. to 715 ft. Plug Tagged:

Set 25 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 Plugging 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: CHERYL LIGHT
Title: SR REGULATORY ANALYST Date: 3/5/2018 Email: DJREGULATORY@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: McCoy, Diane Date: 5/17/2018

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 11/16/2018

| COA Type | Description |
|-----------------|--|
| | <p>1) Provide 48 hour notice of plugging MIRU via electronic Form 42.</p> <p>2) Properly abandon all flowlines as per Rule 1103. File electronic Form 42 once abandonment complete.</p> <p>3) Operator shall implement measures to control unnecessary and excessive venting, to protect the health and safety of the public, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public welfare.</p> |
| | <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> |
| | Operator to submit Form 7 June-Sept 2009 monthly production reporting for NBRR-CODL |

Attachment Check List

| Att Doc Num | Name |
|--------------------|-----------------------------|
| 401563858 | FORM 6 INTENT SUBMITTED |
| 401563860 | PROPOSED PLUGGING PROCEDURE |
| 401563861 | WELLBORE DIAGRAM |

Total Attach: 3 Files

General Comments

| User Group | Comment | Comment Date |
|-------------------|---|---------------------|
| Engineer | <p>Moved CIBP #1; CIBPs should be set 50-100' above top perf.</p> <p>Plug listed as half in-half out surface casing is actually production casing stub plug that will also cover the surface casing shoe.</p> | 05/17/2018 |
| Permit | <p>Verified as-drilled GPS data on COGIS map and well info</p> <p>Verified Drlg Completion Rpt Doc #1716020</p> <p>Completed Interval Rpt docs #1948517 and #1948518 support NBRR perfs 7300'-7404' and CODL perfs 7530'-7546'</p> <p>Missing Form 7 June-Sept 2009 monthly production reporting for NBRR-CODL, else Form 7 reporting current thru Dec 2017</p> | 04/09/2018 |
| Public Room | Pass | 03/06/2018 |

Total: 3 comment(s)