

Document Number:
 402326507
 Date Received:
 02/28/2020

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: 10633 Contact Name: Cole Carveth
 Name of Operator: CRESTONE PEAK RESOURCES OPERATING LLC Phone: (303) 774-3979
 Address: 1801 CALIFORNIA STREET #2500 Fax: _____
 City: DENVER State: CO Zip: 80202 Email: cole.carveth@crestonepr.com
For "Intent" 24 hour notice required, Name: Revas, Robbie Tel: (720) 661-7242
COGCC contact: Email: robbie.revas@state.co.us

Type of Well Abandonment Report: Notice of Intent to Abandon Subsequent Report of Abandonment

API Number 05-123-20622-00
 Well Name: DOWDY Well Number: 43-10
 Location: QtrQtr: NESE Section: 10 Township: 2N Range: 65W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: _____
 Field Name: WATTENBERG Field Number: 90750

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.151833 Longitude: -104.642270
 GPS Data: GPS Quality Value: 1.5 Type of GPS Quality Value: _____ Date of Measurement: 06/04/2009
 GPS Instrument Operator's Name: PLinderholm
 Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other _____
 Casing to be pulled: Yes No Estimated Depth: 2500
 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 |
|------------------|-----------|-----------|----------------|---------------------|------------|
| J SAND | 7592 | 7656 | | | |
| Total: 1 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 | 900 | 326 | 900 | 0 | VISU |
| 1ST | 7+7/8 | 4+1/2 | 11.6 | 7,917 | 290 | 7,917 | 6,333 | CBL |
| S.C. 1.1 | 7+7/8 | 4+1/2 | 11.6 | 5,490 | 250 | 5,490 | 4,010 | CBL |

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth _____ with _____ sacks cmt on top. CIBP #2: Depth _____ with _____ 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 5 sks cmt from 7497 ft. to 7500 ft. Plug Type: CASING Plug Tagged:
Set 20 sks cmt from 6646 ft. to 6910 ft. Plug Type: CASING Plug Tagged:
Set 30 sks cmt from 4255 ft. to 4650 ft. Plug Type: CASING Plug Tagged:
Set 75 sks cmt from 2300 ft. to 2500 ft. Plug Type: STUB PLUG Plug Tagged:
Set 215 sks cmt from 700 ft. to 0 ft. Plug Type: CASING Plug Tagged:

Perforate and squeeze at 7592 ft. with 60 sacks. Leave at least 100 ft. in casing 7500 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 100 sacks half in. half out surface casing from 950 ft. to 700 ft. Plug Tagged:

Set _____ 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

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: Jane Washburn

Title: Sr Prod Engineering Tech Date: 2/28/2020 Email: jane.washburn@crestonepr.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: Wolfe, Stephen Date: 3/30/2020

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 9/29/2020

| COA Type | Description |
|----------|--|
| | <p>Venting 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>Bradenhead Testing 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> <ol style="list-style-type: none"> 1) If, before opening the bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required. 2) If pressure remains at the conclusion of the test, or if any liquids were present during the test, sampling is required. <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>Plugging</p> <ol style="list-style-type: none"> 1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) Properly abandon flowlines as per Rule 1105. File electronic Form 42 once abandonment 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. 3) Plugs and squeezes will be placed as stated in the Plugging Procedure section of the approved NOIA unless revised by COA or prior approval from COGCC is obtained. 4) The wellbore must be static prior to placing cement plugs which are to be a minimum of 100' in length for all but surface plugs. Mechanical isolation requires a 25' cement plug, minimum. 5) Place a 50' plug (minimum) at the surface, both inside the inner most casing and in all annular spaces. Surface plugs shall be circulated to surface. Confirm cement to surface in all strings during cut and cap. 6) With the Form 6 SRA operator must provide written documentation which positively affirms each COA has been addressed. 7) Contact COGCC Area Inspector prior to commencing plugging operations. 8) After placing the shallowest hydrocarbon isolating plug (4650-4255'), operator must wait a sufficient time on all subsequent plugs to confirm static conditions. If at any time after placing this plug there is evidence of pressure or of fluid migration, contact COGCC Area Engineer before continuing operations. 9) Due to a history of bradenhead pressure as reported on the pre-plugging Form 17, wait 8 hours after pumping plug at 2500-2300', in order to assure that there is no pressure or flow before proceeding with plugging procedure, additional plugs may be necessary to shut off pressure or flow prior to isolating the surface shoe. Contact COGCC Area Engineer if well is not static prior to placing any subsequent plugs. 10) Submit gyro survey with Form 6 SRA if available. |

Attachment Check List

| Att Doc Num | Name |
|-------------|-------------------------|
| 402326507 | FORM 6 INTENT SUBMITTED |
| 402327268 | WELLBORE DIAGRAM |

Total Attach: 2 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|---|---------------------|
| Engineer | SB5Laramie-Fox Hils 4171 4457 145.5 689 403 34.92 NT L-FH + 50 =689 + 50 = 739' Behind surface casing WW + Elev + 50 =725 + 4860 - 4865 + 50 = 770' Logs10/21/03 UPA base 1722' | 03/30/2020 |
| Permit | •Set the answers to the 'Fish in Hole' and 'Uncemented Casing Leaks' questions on Well Info tab to 'No' per Operator. | 03/09/2020 |
| Permit | •Verified SHL lat./long. •Verified JSND perfed interval via Doc. 1159786 •Verified production reporting •The 'Fish in Hole' and 'Uncemented Casing Leaks' questions on Well Info tab were not filled out; Contacted Operator for response. | 03/09/2020 |

Total: 3 comment(s)