

FORM

6

Rev
11/20

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:

403077350

Date Received:

06/22/2022

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: Adam Conry

Name of Operator: CRESTONE PEAK RESOURCES OPERATING LLC

Phone: (303) 883-3351

Address: 1801 CALIFORNIA STREET #2500

Fax:

City: DENVER State: CO Zip: 80202

Email: aconry@civiresources.com

For "Intent" 24 hour notice required,

Name: Silver, Randy

Tel: (720) 827-6688

COGCC contact:

Email: randy.silver@state.co.us

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

API Number 05-013-06512-00

Well Name: CALDWELL

Well Number: 14-25

Location: QtrQtr: SWSW Section: 25 Township: 2N Range: 69W Meridian: 6

County: BOULDER

Federal, Indian or State Lease Number:

Field Name: WATTENBERG

Field Number: 90750

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.104690

Longitude: -105.071240

GPS Data: GPS Quality Value: 2.2 Type of GPS Quality Value: PDOP Date of Measurement: 01/16/2007

Reason for Abandonment: ☐ Dry ☒ Production Sub-economic ☐ Mechanical Problems☐ OtherCasing to be pulled: ☐ Yes ☒ No Estimated Depth:Fish in Hole: ☐ Yes ☒ No If yes, explain details belowWellbore 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 | 7570 | 7586 | | | |
| J SAND | 8008 | 8022 | | | |
| NIOBRARA | 7338 | 7354 | | | |

Total: 3 zone(s)

Casing History

| Casing Type | Size of Hole | Size of Casing | Grade | Wt/Ft | Csg/Liner Top | Setting Depth | Sacks Cmt | Cmt Btm | Cmt Top | Status |
|-------------|--------------|----------------|-------|------------|---------------|---------------|-----------|---------|---------|--------|
| SURF | 12+1/4 | 8+5/8 | N-80 | 26 | 0 | 750 | 340 | 750 | 0 | VISU |
| 1ST | 7+7/8 | 4+1/2 | I-80 | 11.6 | 0 | 8137 | 300 | 8137 | 6490 | CBL |
| S.C. 1.1 | | | | | 0 | 1550 | 332 | 1550 | 70 | CBL |
| | | | | Stage Tool | 0 | 5112 | 350 | 5118 | 3910 | 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 7945 ft. to 7880 ft. Plug Type: CASING Plug Tagged: ☐
Set 20 sks cmt from 7285 ft. to 7025 ft. Plug Type: CASING Plug Tagged: ☐
Set 15 sks cmt from 5165 ft. to 4970 ft. Plug Type: CASING Plug Tagged: ☐
Set 15 sks cmt from 4400 ft. to 4205 ft. Plug Type: CASING Plug Tagged: ☐
Set 10 sks cmt from 3855 ft. to 3725 ft. Plug Type: CASING Plug Tagged: ☐

Perforate and squeeze at 8022 ft. with 55 sacks. Leave at least 100 ft. in casing 7945 CICR Depth

Perforate and squeeze at 7586 ft. with 75 sacks. Leave at least 100 ft. in casing 7285 CICR Depth

Perforate and squeeze at 3880 ft. with 200 sacks. Leave at least 100 ft. in casing 3855 CICR Depth

(Cast Iron Cement Retainer Depth)

Set _____ sacks half in. half out surface casing from _____ ft. to _____ 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. of _____ inch casing

Surface Plug Setting Date: _____ Cut and Cap Date: _____ Number of Days from Setting Surface Plug to Capping or Sealing the Well: _____

*Wireline Contractor: _____ *Cementing Contractor: _____

Type of Cement and Additives Used: _____

Flowline/Pipeline has been abandoned per Rule 1105 ☐ Yes ☐ No

Technical Detail/Comments:

ADDITIONAL CASING PLUG: Due to unavailable room on the proposed procedure tab, please note there is also another proposed Casing plug: Set 98 sacks of cement from 1300 ft. to 0 ft.
Proposed WBD attached.

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

Signed: _____ Print Name: Ashley Noonan

Title: Sr. Regulatory Analyst Date: 6/22/2022 Email: regulatory@civiresources.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: Jacobson, Eric Date: 11/29/2022

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 5/28/2023

| COA Type | Description |
|----------|---|
| | Prior to commencing operations, the operator will post signs in conspicuous locations that will remain in place throughout the duration of the plug and abandonment activities. The signs will indicate plugging and abandonment operations are being conducted, the well name, well, and the applicable contact information. Signs will be placed so as not to create a potential traffic hazard. |
| | Prior to commencing operations, the operator will provide notification to the owners/occupants of Building Units that are within 1,000 feet of where the well is located. The notification will include the operator's contact information and the nature, timing, and expected duration of the P&A operations. |
| | Please note that non-emergency plugging and abandonment (P&A) activities should not occur from November 15 to March 15. If P&A activities must take place between November 15 to March 15, Operator will consult with the Regional CPW Energy Liaison and employ agreed upon site specific BMPs to avoid, minimize, and mitigate potential impacts to bald eagles prior to conducting site activities. |
| | WITH KNOWN BRADENHEAD PRESSURE After pumping plug at 3880', shut down and shut well in at minimum 8 hours; verify gas migration has been eliminated. If evidence of gas migration or pressure remains contact COGCC Engineer for an update to plugging orders. |
| | 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. 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. 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. If there is a need for sampling, contact COGCC engineering for verification of plugging procedure. |
| | 1) Provide electronic Form 42 Notice of MIRU 2 business days ahead of operations and electronic Form 42 Notice of Plugging Operations 48 hours prior to mobilizing for plugging operations. 2) After placing the shallowest hydrocarbon isolating plug (3855'), 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. 3) Prior to placing the 1300' 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. 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 255' or shallower and provide 10 sx plug at the surface. 5) Leave at least 100' of cement in the wellbore for each plug. 6) Properly abandon flowlines as per Rule 1105. Pursuant to Rule 911.a. Closure of Oil and Gas Facilities, Operator will submit Site Investigation and Remediation Workplans via Form 27 for COGCC prior approval before cutting and capping the plugged well, conducting flowline abandonment, and removing production equipment. Pursuant to Rule 1105.f. Abandonment Verification, within 90 days of an operator completing abandonment requirements for a flowline or crude oil transfer line, an operator must submit a Field Operations Notice, Form 42-Abandonment of Flowlines for on-location flowlines, or a Flowline Report, Form 44, for off-location flowlines or crude oil transfer lines. 7) With the Form 6 SRA operator must provide written documentation which positively affirms each COA listed above has been addressed. |
| 6 COAs | |

Attachment List

| <u>Att Doc Num</u> | <u>Name</u> |
|--------------------|-------------------------|
| 403077350 | FORM 6 INTENT SUBMITTED |
| 403077379 | WELLBORE DIAGRAM |

Total Attach: 2 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|--|---------------------|
| OGLA | OGLA review complete. | 09/13/2022 |
| OGLA | Sent to CPW for review due to site being located within mapped high priority habitat for Bald Eagle Roost. Received feedback on 9/13/22. | 07/21/2022 |
| Engineer | Well file verification not completed prior to approval of NOIA. | 07/11/2022 |
| Engineer | Deepest Water Well within 1 Mile – 344' SB5 Base of Fox Hills -305' | 07/11/2022 |
| Permit | Passes Permitting • Verified as-drilled lat/long. • Verified completed intervals (Docs 1839623, 1839622, 403086884). • Verified production reporting. | 07/07/2022 |

Total: 5 comment(s)