FORM 6 Rev 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: 401734779

Date Received:

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: Renee Kendrick

Name of Operator: CRESTONE PEAK RESOURCES OPERATING LLC Phone: (303) 309-1931

Address: 1801 CALIFORNIA STREET #2500 Fax:

City: DENVER State: CO Zip: 80202 Email: renee.kendrick@crestonepr.com

For "Intent" 24 hour notice required, COGCC contact: Name: Beardslee, Tom Tel: (970) 420-3935 Email: tom.beardslee@state.co.us

API Number 05-123-21857-00

Well Name: COSSLETT Well Number: 31-22

Location: QtrQtr: NWNE Section: 22 Township: 1N Range: 68W 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: 40.041606 Longitude: -104.987896

GPS Data:

Date of Measurement: 06/05/2012 PDOP Reading: 2.5 GPS Instrument Operator's Name: plinderh

Reason for Abandonment: ☐ Dry ☒ Production Sub-economic ☐ Mechanical Problems

☐ Other

Casing to be pulled: ☒ Yes ☐ No Estimated Depth: 2000

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	7920	7940			
J SAND	8370	8400			
NIOBRARA	7634	7710			

Total: 3 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	1,205	474	1,205	0	CALC
1ST	7+7/8	4+1/2	11.6	8,410	255	8,410	6,980	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 8300 with 2 sacks cmt on top. CIPB #2: Depth 7560 with 2 sacks cmt on top.

CIBP #3: Depth 100 with 0 sacks cmt on top. CIPB #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 4635 ft. to 4570 ft. Plug Type: CASING Plug Tagged: ☐

Set 75 sks cmt from 2000 ft. to 1804 ft. Plug Type: OPEN HOLE Plug Tagged: ☐

Set 30 sks cmt from 100 ft. to 0 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: ☐

Perforate and squeeze at 4650 ft. with 85 sacks. Leave at least 100 ft. in casing 4635 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 65 sacks half in. half out surface casing from 1265 ft. to 1096 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 Plugging Date: _____

*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:

Procedure
1. Submit electronic Form 42 to COGGC 48 hours prior to performing Form 17 Bradenhead Test. (not required if Bradenhead Test has been completed within 60 days of plugging operations.)
2. Perform Form 17 Bradenhead Test and sample for gas, water, and oil per COGCC Regulation.
3. Contact surveyor to acquire as-built surface location.
4. Submit electronic Form 42 to COGGC 48 hours prior to MIRU.
5. Submit form for Ground Disturbance Permit. Get One Call.
6. Notify Automation and Production Department. Production to check pressures, retrieve plunger equipment and blow down well.
7. Hold a pre-job safety meeting. Discuss all aspects of the procedure with any involved personnel. Identify and address any safety concerns before the job begins.
8. MIRU workover unit. Blow down well.
9. ND wellhead. NU BOPE.
10. Un-land tubing and TOOH w/tubing.
11. MIRU wireline.
12. RIH w/ CIBP on wireline. Set CIBP at ~8,300' (within 50'-100' of the top of the J-Sand at 8,351', between collars).
13. RIH w/ wireline and dump bail 2 sx cement on top of CIBP. POOH.
14. RIH w/ CIBP on wireline. Set CIBP at ~7,560' (within 50'-100' of the Niobrara formation top at 7,632', between collars).
15. RIH w/ wireline and dump bail 2 sx cement on top of CIBP. POOH.
16. Pressure test plug to 500 psi. Hold pressure for 15 min.
17. TIH with bit and scraper. Run bit and scraper to at least 4700'. TOOH.
18. RIH w/ perforating gun. Perforate squeeze holes at 4650'. POOH.
19. PU CICR with tubing and TIH to 4,635'. Set CICR. Unsting and pressure test tubing. Sting into CICR and establish circulation/injection.
20. Pump 85 sx Class G cement. (Note: Squeeze volume calculations are based on 1.15 CF/sk cement yield). Leave 1 bbl on top of CICR. Roll hole clean. Ensure there are no signs of pressure, hydrocarbons or fluid migration. Contact office if there is any evidence. TOOH.
21. ND 7 1/16" BOP and wellhead. NU 11" BOP on surface casing. RU casing tongs and pipe wrangler.
22. RIH with casing jet cutter on wireline. Cut 4 ½" casing at 2,000. POOH with wireline. Pull casing with spear to first joint, remove casing slips. Establish circulation.
23. Pump and spot 75 sx Class G balance stub plug from 2,000' to 1,804'. Trip out of hole to 1265'. Wait on cement for 4 hours. Roll hole. Ensure there is no sign of hydrocarbons. If evidence is found, contact engineering. If circulation was not maintained while pumping plug, then the plug must be tagged after WOC.
24. Pump 65 sx Class G or Type III cement (mixed with sufficient accelerant to achieve a 4-hour set time, 1.15 cf/sk yield) to spot a balanced plug across surface casing shoe. TOC will be approximately 1096'. TOOH laying down all casing. Wait on cement for 4 hours.
25. TIH w/ tubing and tag cement top (top must be at least 50' above casing shoe—1155' or shallower). Report top to engineering. Pressure test plug to 250 psi. TOOH.
26. PU 8-5/8" CIBP. TIH and set @ 100'. Blow hole dry with rig compressor. TOOH. LD all tubing.
27. ND BOP. Install casing cap w/ relief valve.
28. Disconnect flowline from separator and connect to junk tank placed at the battery.
29. Flush flowline with treated fresh water then blow dry with rig compressor. Prepare flowline for removal by construction department.
30. RDMO pulling unit.
31. MIRU top off truck, water truck and air compressor.
32. RIH w/ plastic tubing to CIBP at 100'.
33. Reverse circulate with 30 sx cement from 100' to surface. Top off well and annular spaces as needed.
34. RDMO top off equipment.
35. Per ground disturbance procedure/policy, excavate around wellhead. Notify Environmental Department for surface review and inspection while digging.
36. Contact EHS to scan WH with FLIR to confirm well is plugged with no gas at surface. Save FLIR photo in well file.
37. Cut off casing 4 ft below ground level.
38. Weld on metal plate and dry hole marker.
39. Remove flowlines and backfill holes.
40. Notify Integrity Department to properly

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

Signed: _____ Print Name: Renee Kendrick

Title: Regulatory Coordinator Date: _____ Email: renee.kendrick@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: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY: Expiration Date: _____

COA Type	**Description**

Attachment Check List

Att Doc Num	Name
401734797	WELLBORE DIAGRAM
401734798	PROPOSED PLUGGING PROCEDURE

Total Attach: 2 Files

General Comments

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)