FORM 6 Rev 12/05

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: 401201155

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: Chris McRickard

Name of Operator: CRESTONE PEAK RESOURCES OPERATING LLC Phone: (720) 410-8487

Address: 370 17TH STREET #2170 Fax:

City: DENVER State: CO Zip: 80202 Email: chris.mcrickard@crestonepr.com

For "Intent" 24 hour notice required, COGCC contact: Name: Helgeland, Gary Tel: (970) 216-5749 Email: gary.helgeland@state.co.us

API Number 05-123-24954-00

Well Name: REGNIER Well Number: 4-4-19

Location: QtrQtr: NWSE Section: 19 Township: 2N 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: 40.122921 Longitude: -105.044047

GPS Data:

Date of Measurement: 01/25/2008 PDOP Reading: 2.7 GPS Instrument Operator's Name: CECIL CLARK

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

☐ Other

Casing to be pulled: ☐ Yes ☒ No Estimated Depth: 8164

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	7566	7586			
J SAND	8010	8030			
NIOBRARA	7338	7358			

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	727	370	370	0	CALC
1ST	7+7/8	4+1/2	11.6	8,150	270	8,150	6,684	CBL
S.C. 1.1	7+7/8	4+1/2	11.6	5,112	330	5,112	3,724	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7950 with 20 sacks cmt on top. CIPB #2: Depth 7270 with 40 sacks cmt on top.

CIBP #3: Depth 5250 with 100 sacks cmt on top. CIPB #4: Depth 1410 with 120 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 1400 ft. with 340 sacks. Leave at least 100 ft. in casing 1350 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 _____ 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 1103 ☐ 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.
2. Perform Form 17 Bradenhead Test and sample for gas, water, and oil per COGCC Regulation (test performed 10/25/2016 COGCC DOC# 401138521).
3. Submit electronic Form 42 to COGGC 48 hours prior to MIRU.
4. Submit form for Ground Disturbance Permit. Get One Call.
5. Notify Automation and Production Department.
6. RU Slick line, pull plunger and bumper spring.
7. POOH. Pick up gyro tool and RIH to seat nipple depth at ~8000'.
8. Record station data.
9. Pull up hole to 7900'. Record station data.
10. Pull up hole and record data every 100' to surface.
11. POOH. Lay down gyro tool.
12. 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.
13. MIRU pulling unit. Kill well with treated fresh water.
14. ND wellhead, NU BOP.
15. Un-land Tubing. RIH and Tag.
16. POOH with tubing.
17. RIH with tubing and set CIBP @ 7950' (60' above top J Sand perforation). Ensure that CIBP is set in the middle of the joint of casing.
18. Pump 20 sx (~4 bbl) Class G cement on top of CIBP from ~7686' to 7950'.
19. POOH with tubing. PU 10 jts. Reverse circulate to clear tubing.
20. RIH with tubing and set CIBP @ 7270' (68' above top Niobrara perforation). Ensure that CIBP is set in the middle of the joint of casing and pressure test plug to 500 psi. Hold pressure for 15 minutes. Chart pressure on 1000 psi pressure chart.
21. Pump 40 sx (~8 bbl) Class G cement on top of CIBP from ~6743' to 7270'.
22. POOH with tubing. PU 30 jts. Reverse circulate to clear tubing.
23. RIH with tubing and set CIBP @ 5250' (235' below Shannon base). Ensure that CIBP is set in the middle of the joint of casing and pressure test plug to 500 psi. Hold pressure for 15 minutes. Chart pressure on 1000 psi pressure chart.
24. Pump 100 sx (~20 bbl) Class G cement on top of CIBP from ~3923' to 5250'.
25. POOH with tubing. PU 50 jts. Reverse circulate to clear tubing.
Regnier 4-4-19 P&A Procedure 01.13.2017 DRAFT 4
26. RIH with wireline and set CIBP @ 1410' (118' below Upper Pierre base). Ensure that CIBP is set in the middle of the joint of casing and pressure test plug to 500 psi. Hold pressure for 15 minutes. Chart pressure on 1000 psi pressure chart.
27. POOH with wireline.
28. RIH with wireline and shoot squeeze holes @ 1400'. Circulate out bradenhead with bradenhead valve open to a tank. If unable to establish injection, call Production Engineer @ 719-859-4942.
29. POOH with wireline.
30. RIH with wireline and set CICR @ 1350'.
31. POOH with wireline.
32. RIH with tubing. Check circulation through stinger and sting in CICR.
33. Attempt to establish injection. If unable to establish injection, call Production Engineer for path forward.
34. Circulate bottoms up. Circulation volume is approximately 80 bbls.
35. Pump 340 sx (~70 bbl) Class G Cement circulated to surface.
36. Sting out of cement retainer.
37. TOOH. Lay down stinger.
38. RBIH with tubing open ended.
39. Pump 120 sx (~25 bbl) Class G cement from CICR to surface.
40. POOH with tubing. Lay down tubing.
41. Top off both casing and annulus if necessary.
42. ND BOP, RDMO pulling unit.
43. Per ground disturbance procedure/policy, excavate around wellhead. Notify Environmental Department for surface review and inspection while digging.
44. Cut off casing 4' below ground level.
45. Weld on metal plate and dry hole marker.
46. Contact surveyor to acquire as-built surface location.
47. Notify Integrity Department to properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment is complete.
48. Restore surface location.
49. Ensure all cement tickets are emailed to the Denver office for subsequent reporting. Emails shall be sent to Production Engineer, Workover Coordinator, and Production Technician.

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

Signed: _____ Print Name: Chris McRickard

Title: Regulatory Analyst Date: _____ Email: chris.mcrickard@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
401201178	PROPOSED PLUGGING PROCEDURE
401201180	WELLBORE DIAGRAM
401201182	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)