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

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Document Number: 401618932

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: Gomez, Jason Tel: (970) 573-1277 Email: jason.gomez@state.co.us

API Number 05-123-19959-00

Well Name: GRENEMEYER-WAGNER Well Number: J 1-A

Location: QtrQtr: CNE Section: 34 Township: 1N Range: 67W 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: 40.010792 Longitude: -104.871352

GPS Data:

Date of Measurement: 06/04/2009 PDOP Reading: 1.5 GPS Instrument Operator's Name: PLinderholm

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

☐ Other

Casing to be pulled: ☒ Yes ☐ No Estimated Depth: 2100

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	8203	8248			

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	1,069	700	1,069	0	CALC
1ST	7+7/8	4+1/2	11.6	8,364	300	8,364	6,495	CBL
			Stage Tool	5,230	250	5,230	4,150	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 8150 with 2 sacks cmt on top. CIPB #2: Depth 7325 with 2 sacks cmt on top.

CIBP #3: Depth 900 with 5 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 50 sks cmt from 5380 ft. to 4730 ft. Plug Type: CASING Plug Tagged: ☐

Set 75 sks cmt from 2100 ft. to 1842 ft. Plug Type: OPEN HOLE Plug Tagged: ☐

Set 15 sks cmt from 50 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 _____ 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 50 sacks half in. half out surface casing from 1120 ft. to 945 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. (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. Kill 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 ~8,150' (within 50'-100' of the top J-Sand perf at 8,203', between collars).
13. RIH w/ wireline and dump bail 2 sx cement on top of CIBP. Pressure test plug to 500 psi. Hold pressure for 15 min. Chart pressure on 1,000 psi pressure chart.
14. RIH w/ CIBP on wireline. Set CIBP at ~7,325' (within 50'-100' of the Niobrara formation top at 7,385', between collars).
15. RIH w/ wireline and dump bail 2 sx cement on top of CIBP. POOH.
16. TIH w/ tubing to 5,380'.
17. Pump 50 sx Class G balanced plug from 5,380' to 4,730'. TOOH w/ tubing.
18. ND 7 1/16" BOP and wellhead. NU 11" BOP on surface casing. RU casing tongs and pipe wrangler.
19. RIH with casing jet cutter on wireline. Cut 4 ½" casing at 2,100'. POOH with wireline. Pull casing with spear to first joint, remove casing slips. Establish circulation.
20. Pump and spot 75 sx Class G balance stub plug from 2,100' to 1,842'. Trip out of hole to 1,120'. Roll hole. Ensure there is no sign of hydrocarbons. If evidence is found, contact engineering. If circulation is not maintained then tag the plug after WOC.
21. Pump 50 sx Class G or Type III balanced plug across surface casing shoe. Pump wiper plug ahead of cement to ensure water does not mix with cement. TOC will be approximately 945'. TOOH laying down all casing. Wait on cement for 4 hours.
22. TIH w/ tubing and tag cement top. Report top to engineering. Tag must be 1,015' or shallower. TOOH.
23. PU 8-5/8" CIBP. TIH and set @ 900'. Pressure test casing to 250 psi. TOOH and LD setting tool.
24. TIH and pump 1 bbl (~5sx) cement on top of CIBP. TOOH to 50'
25. Pump 15 sx Type III balanced plug from 50' to surface.
26. ND BOP. Top off well as necessary with cement.
27. Disconnect flowline from separator and connect to junk tank placed at the battery.
28. Flush flowline with treated fresh water then blow dry with rig compressor. Prepare flowline for removal by construction department.
29. RDMO pulling unit.
30. Per ground disturbance procedure/policy, excavate around wellhead. Notify Environmental Department for surface review and inspection while digging.
31. Contact EHS to scan WH with FLIR to confirm well is plugged with no gas at surface. Save FLIR photo in well file.
32. Cut off casing 4 ft below ground level.
33. Weld on metal plate and dry hole marker.
34. Remove flowlines and backfill holes.
35. Notify Integrity Department to properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment is complete.
36. Restore surface location.
37. Ensure all pressure charts, cement and wireline tickets are emailed to the Denver office for subsequent reporting. Emails shall be sent to Production Engineer, Workover Coordinator, and Production Technician.
38. Submit Form 6 Subsequent Report of Abandonment documenting the P&A to COGCC.

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
401618969	PROPOSED PLUGGING PROCEDURE
401618970	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)