

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



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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: TJ Hanneman
Name of Operator: CRESTONE PEAK RESOURCES OPERATING LLC Phone: (303) 774-3917
Address: 1801 CALIFORNIA STREET #2500 Fax:
City: DENVER State: CO Zip: 80202 Email: tj.hanneman@crestonepr.com
For "Intent" 24 hour notice required, Name: Beardslee, Tom Tel: (970) 420-3935
COGCC contact: Email: tom.beardslee@state.co.us

API Number 05-123-21850-00
Well Name: RASMUSSEN Well Number: 32-28
Location: QtrQtr: SWNE Section: 28 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: 40.111030 Longitude: -105.006390
GPS Data:
Date of Measurement: 01/16/2007 PDOP Reading: 2.2 GPS Instrument Operator's Name: PAT LINDERHOLM
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
CODELL	7580	7600			
J SAND	8020	8040			
NIOBRARA	7344	7364			

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	565	260	565	0	CALC
1ST	7+7/8	4+1/2	11.6	8,191	300	8,191	6,470	CBL
S.C. 1.1				5,202	320	5,202	3,850	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7950 with 2 sacks cmt on top. CIBP #2: Depth 7210 with 2 sacks cmt on top.
 CIBP #3: Depth 320 with 0 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 20 sks cmt from 5300 ft. to 5036 ft. Plug Type: CASING Plug Tagged:
 Set 30 sks cmt from 4500 ft. to 4105 ft. Plug Type: CASING Plug Tagged:
 Set 75 sks cmt from 2100 ft. to 1904 ft. Plug Type: OPEN HOLE Plug Tagged:
 Set 100 sks cmt from 320 ft. to 0 ft. Plug Type: CASING 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 75 sacks half in. half out surface casing from 615 ft. to 414 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. Perform Form 17 Bradenhead Test and sample for gas, water, and oil per COGCC Regulation. (not required if Bradenhead Test has been completed within 60 days of plugging operations.)
2. Contact surveyor to acquire as-built surface location.
3. Submit electronic Form 42 to COGCC 48 hours prior to MIRU.
4. Submit form for Ground Disturbance Permit. Get One Call.
5. Notify Automation and Production Department. Production to check pressures, retrieve plunger equipment and blow down well.
6. 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.
7. MIRU workover unit. Blow down well.
8. ND wellhead. NU BOPE.
9. Un-land tubing and TOO H w/tubing.
10. MIRU wireline.
11. RIH w/ CIBP on wireline. Set CIBP at ~7,950' (within 50'-100' of the top of the J-Sand at 8,014', between collars).
12. RIH w/ wireline and dump bail 2 sx cement on top of CIBP. POOH.
13. RIH w/ CIBP on wireline. Set CIBP at ~7,210' (within 50'-100' of the top of the Niobrara at 7,282', between collars).
14. RIH w/ wireline and dump bail 2 sx cement on top of CIBP. POOH. Pressure test plug to 500 psi. If pressure test fails, contact engineering for next steps.
15. TIH w/ tubing to 5,300'.
16. Pump 20 sx Class G balanced plug from 5,200' to 4,146'. TOO H w/ tubing to 4500'.
17. Pump 30 sx balanced plug from 4500' to 4105'. TOO H.
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 1/2" 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 1,904'. Trip out of hole to 615'. Roll hole. Ensure there is no sign of hydrocarbons. If evidence is found, contact engineering. If circulation was not maintained, then the plug must be tagged after WOC.
21. Pump 75 sx Class G or Type III cement (mixed with sufficient accelerant to achieve a 4-hour set time) to spot a balanced plug across surface casing shoe. TOC will be approximately 414'. TOO H laying down all casing. Wait on cement long enough to ensure cement is set sufficiently to obtain a good tag and pressure test.
22. TIH w/ tubing and tag cement top. Per COGCC guidelines, cement top must be at 535' or higher. Report top to engineering. Pressure test plug to 250 psi. TOO H.
23. PU 8-5/8" CIBP. TIH and set @ 320'.
24. Pump 100 sx class G cement from top of CIBP to surface. TOO H. LD all tubing.
25. ND BOP. Install casing cap w/ relief valve.
26. Disconnect flowline from separator and connect to junk tank placed at the battery.
27. Flush flowline with treated fresh water then blow dry with rig compressor. Prepare flowline for removal by construction department.
28. RDMO pulling unit. Clean up location. Label all equipment to be sent to the yard with the well name.
29. Per ground disturbance procedure/policy, excavate around wellhead. Notify Environmental Department for surface review and inspection while digging.
30. Contact EHS to scan WH with FLIR to confirm well is plugged with no gas at surface. Save FLIR photo in well file.
31. Cut off casing 4 ft below ground level.
32. Weld on metal plate and dry hole marker.
33. Remove flowlines and backfill holes.
34. Notify Integrity Department to properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment is complete.
35. Restore surface location.
36. Ensure all rig tickets, pressure charts, cement and wireline tickets are saved to the electronic well files on the shared drive for subsequent reporting.
37. 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: John Gardner
 Title: Sr Env Specialist Date: _____ Email: john.gardner@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

<u>Att Doc Num</u>	<u>Name</u>
401868837	PROPOSED PLUGGING PROCEDURE
401868838	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)