

Document Number:  
401591611

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

API Number 05-123-24868-00 Well Number: 34-11  
 Well Name: HURT  
 Location: QtrQtr: SWSE Section: 11 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: 40.147325 Longitude: -104.968741  
 GPS Data:  
 Date of Measurement: 11/19/2007 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: 1800  
 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	7830	7856			
NIOBRARA-CODELL	7176	7412			

Total: 2 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	707	325	707	0	CALC
1ST	7+7/8	4+1/2	11.6	7,986	280	7,986	6,370	CBL
S.C. 1.1				4,996	320	4,996	3,730	CBL

### Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7770 with 2 sacks cmt on top. CIBP #2: Depth 7100 with 2 sacks cmt on top.  
 CIBP #3: Depth 500 with 2 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 25 sks cmt from 5100 ft. to 4800 ft. Plug Type: CASING Plug Tagged:   
 Set 75 sks cmt from 1800 ft. to 1600 ft. Plug Type: STUB PLUG Plug Tagged:   
 Set 25 sks cmt from 60 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 100 sacks half in. half out surface casing from 850 ft. to 550 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. Perform Form 17 Bradenhead Test and sample for gas, water, and oil per COGCC regulation (if not performed within the last 60 days).
2. Submit electronic Form 42 to COGCC 48 hours prior to MIRU. Notify surface land and community relations 1 week prior to MIRU.
3. Submit form for Ground Disturbance Permit. Get One Call.
4. Rig supervisor to notify Automation and Production Department. Confirm that flowlines were removed with Integrity Department. Confirm with engineer that surface land and community relations have been notified.
5. 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.
6. Contact surveyor to acquire as-built surface location if not already done.
7. MIRU workover unit. ND wellhead, NU BOP.
8. TOOH w/tubing.
9. RIH w/slickline and run gyro. POOH.
10. RIH with wireline and set CIBP @ ~7770' (50-100' of top J Sand perf, between collars).
11. RIH w/dump bailer & dump 2 sx G Neat cmt on top of CIBP. POOH with dump bailer.
12. RIH with wireline and set CIBP @ ~7100' (50-100' of top Niobrara perf, between collars).
13. RIH w/dump bailer & dump 2 sx G Neat cmt on top of CIBP. POOH with dump bailer.
14. TIH with tubing to 5100' and pump 25 sx G Neat balanced plug (at least 100' cement above and below stage tool). TOOH.
15. Cut 4-1/2" casing at 1800' with jet cutter. Pull casing with spear to first joint, remove casing slips. Circulate.
16. Spot 75 sx balanced G Neat stub plug.
17. Do not proceed without COGCC Engineer approval if there is any pressure or evidence of gas migration (additional balanced cement plugs would be added to procedure).
18. Trip out of hole laying down casing to 850'.
19. Spot balanced MigraSeal (or similar) cement plug 850'-550'.
20. TOOH, laying down remainder of 4-1/2" casing.
21. RU wireline. RIH and tag TOC with gauge ring. Verify TOC is at least 100' inside 8-5/8" casing shoe. Set CIBP above top of cement. Dump bail 2 sx cement on top of CIBP.
22. TIH to spot balanced Type III cement plug from 60' to surface. TOOH laying down all tubing. Top off as necessary.
23. Contact EHS to FLIR wellhead to confirm no gas leaks/vapors. Safe FLIR video in wellfile.
24. ND BOP, RDMO pulling unit.
25. Per ground disturbance procedure/policy, excavate around wellhead. Notify Environmental Department for surface review and inspection while digging.
26. Cut off casing 4 ft below ground level.
27. Weld on metal plate and dry hole marker.
28. Restore surface location.
29. Ensure all pressure charts, CBLs, cement and wireline tickets are emailed to the office for subsequent reporting. Emails shall be sent to Production Engineer, Workover Coordinator, and Production Technician.
30. 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: \_\_\_\_\_

<u>COA Type</u>	<u>Description</u>

**Attachment Check List**

<u>Att Doc Num</u>	<u>Name</u>
401591666	WELLBORE DIAGRAM
401591668	PROPOSED PLUGGING PROCEDURE

Total Attach: 2 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

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

Total: 0 comment(s)