

FORM
6Rev
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:

401481520

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: Montoya, John

Tel: (970) 397-4124

COGCC contact:

Email: john.montoya@state.co.us

API Number 05-123-20822-00

Well Name: STELLING

Well Number: 13-4

Location: QtrQtr: NWSW

Section: 4

Township: 1N

Range: 65W

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: 40.079296

Longitude: -104.676718

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☐ OtherCasing 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
DAKOTA	7911	7944			

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+2/5	8+5/8	24	1,035	365	1,035	0	CALC
1ST	7+7/8	4+1/2	11.6	8,090	285	8,090	6,620	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7860 with 2 sacks cmt on top. CIPB #2: Depth 6880 with 2 sacks cmt on top.
CIBP #3: Depth 850 with 2 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 <u>7</u> sks cmt from <u>4070</u> ft. to <u>4285</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>75</u> sks cmt from <u>1742</u> ft. to <u>2000</u> ft.	Plug Type: <u>OPEN HOLE</u>	Plug Tagged: <input type="checkbox"/>
Set <u>50</u> sks cmt from <u>909</u> ft. to <u>1085</u> ft.	Plug Type: <u>OPEN HOLE</u>	Plug Tagged: <input type="checkbox"/>
Set <u>20</u> sks cmt from <u>0</u> ft. to <u>80</u> ft.	Plug Type: <u>OPEN HOLE</u>	Plug Tagged: <input type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>

Perforate and squeeze at 4300 ft. with 40 sacks. Leave at least 100 ft. in casing 4285 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 COGCC 48 hours prior to performing Form 17 Bradenhead Test. (not required if Bradenhead Test has been completed within 3 months of plugging operations.)
 2. Perform Form 17 Bradenhead Test and sample for gas, water, and oil per COGCC Regulation.
 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.
 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. Ensure any fluids that will be left in the wellbore are treated with biocide.
 8. MIRU workover unit.
 9. Un-land tubing and TOO H w/tubing.
 10. RIH w/ CIBP on wireline. Set CIBP @ ~7,860' (within 50'-100' of the top Dakota perf @ 7,911', between collars). Pressure test plug to 500 psi. Hold pressure for 15 min. Chart pressure on 1000 psi pressure chart. POOH with wireline.
 11. RIH w/wireline and dump bail 2 sx cement on top of CIBP. POOH.
 12. RIH w/ CIBP on wireline. Set CIBP @ ~6,880' (within 50'-100' of the Niobrara formation top @ 6,930', between collars).
 13. RIH w/wireline and dump bail 2 sx cement on top of CIBP. POOH.
 14. RIH w/ perforating gun and shoot squeeze holes at 4,300'. POOH.
 15. Establish circulation out bradenhead. Circulate with SAPP and sweeps for 8hrs or until returns are approved by engineering.
 16. TIH w/ CICR on tubing and set at 4,285'.
 17. Pump 50 sx (~13 bbls) Class G thixotropic cement through squeeze holes. Sting out and leave 2 bbls on top of CICR.
 18. Roll hole with treated water. TOO H with tubing. Ensure there is no pressure or hydrocarbons present in production casing. If evidence of either is found, contact engineering.
 19. ND 7 1/16" BOP and wellhead. NU 11" BOP on surface casing. RU casing tongs and pipe wrangler.
 20. RIH with casing jet cutter on wireline to 2,000'. Cut 4 1/2" casing at 2,000' with jet cutter. POOH with wireline. Pull casing with spear to first joint, remove casing slips. Circulate and clean open hole/annulus with SAPP and sweeps.
 21. Pump and spot 75 sx Class G balance stub plug from 2,000' to 1,742'. Trip out of hole to 1,085'.
 22. Pump 50 sx MigraSeal or similar cement blend and spot balanced plug across surface casing shoe. Pump wiper plug ahead of cement to ensure water does not mix with cement. TOC will be approximately 909'. TOO H laying down all casing.
 23. RIH w/ CIBP on wireline. Set CIBP in surface casing @ ~850'.
- Stelling 13-4 P&A Procedure 11-22-2017 11/22/2017 4
24. RIH w/wireline and dump bail 2 sx cement on top of CIBP. POOH.
 25. TIH w/ two joints of tubing. Pump 20 sx Type III cement blend balanced plug from 80' to surface. TOO H and laying down tubing.
 26. ND BOP, RDMO pulling unit.
 27. Per ground disturbance procedure/policy, excavate around wellhead. Notify Environmental Department for surface review and inspection while digging.
 28. Contact EHS to scan WH with FLIR to confirm well is plugged with no gas at surface. Save FLIR photo in well file.
 29. Cut off casing 4 ft below ground level.
 30. Weld on metal plate and dry hole marker.
 31. Disconnect flowline from separator and connect to junk tank placed at the battery.
 32. Flush flowline with treated fresh water. Remove flowlines and backfill holes.
 33. Contact surveyor to acquire as-built surface location.
 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 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.
 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: 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

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Attachment Check List

Att Doc Num

Name

401481878	WELLBORE DIAGRAM
401481879	PROPOSED PLUGGING PROCEDURE

Total Attach: 2 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)