

FORM
6Rev
12/05State 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:

401399389

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: Toby Sachen

Name of Operator: CRESTONE PEAK RESOURCES OPERATING LLC

Phone: (720) 410-8536

Address: 1801 CALIFORNIA STREET #2500

Fax:

City: DENVER State: CO Zip: 80202

Email: toby.sachen.contractor@crestonepr.com

For "Intent" 24 hour notice required,

Name: Helgeland, Gary

Tel: (970) 216-5749

COGCC contact:

Email: gary.helgeland@state.co.us

API Number 05-013-06578-00

Well Name: LABER

Well Number: 44-24

Location: QtrQtr: SESE Section: 24 Township: 2N Range: 69W Meridian: 6

County: BOULDER

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: 40.118063

Longitude: -105.057240

GPS Data:

Date of Measurement: 02/26/2010

PDOP Reading: 2.2

GPS Instrument Operator's Name: ROB THOMAS

Reason for Abandonment: ☐ Dry☒ Production Sub-economic☐ Mechanical Problems☐ OtherCasing to be pulled: ☒ Yes☐ No

Estimated Depth: 1550

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	7536	7556			
J SAND	7982	7996			
NIOBRARA	7312	7332			

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	684	255	684	0	CALC
1ST	7+7/8	4+1/2	11.6	8,145	580	8,145	3,110	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7910 with 4 sacks cmt on top. CIPB #2: Depth 7250 with 40 sacks cmt on top.
CIBP #3: Depth 5200 with 100 sacks cmt on top. CIPB #4: Depth 1600 with 2 sacks cmt on top.
CIBP #5: Depth _____ with _____ sacks cmt on top.

NOTE: Two(2) sacks cement required on all CIBPs.

Set 195 sks cmt from 1550 ft. to 940 ft. Plug Type: OPEN HOLE Plug Tagged: ☐
Set 205 sks cmt from 900 ft. to 290 ft. Plug Type: CASING Plug Tagged: ☐
Set 95 sks cmt from 290 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 _____ 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. Note: Bradenhead test performed on 05/17/2017 COGCC DOC# 401289467.
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 ~7956'.
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 produced water (5 gal/100 bbls BH XC1427 biocide).
14. ND wellhead, NU BOP.
15. Un-land tubing.
16. TOO H with tubing.
17. RIH with bit and scraper. Tag.
18. TOO H with tubing.
19. RU wireline.
20. RIH with wireline and set CIBP @ 7910' (72' above top J Sand perforation). Ensure that CIBP is set in the middle of the joint of casing.
21. POOH with wireline.
22. RIH with wireline and dump bail 4 sx cement on top of CIBP.
23. POOH with wireline.
24. TIH with tubing and set CIBP @ 7250' (62' above top Niobrara perforation). Ensure that CIBP is set in the middle of the joint of casing. Lay down 1 joint, load hole, and pressure test plug to 500 psi. Hold pressure for 15 minutes. Chart pressure on 1000 psi pressure chart.
25. Set a balanced plug with 40 sx (~8 bbl) of cement on top of CIBP from ~6723' to 7250'.
26. Pull tubing above cement plug with about 30 joints (15 stands). Reverse circulate to clear tubing.
- Laber 44-24 P&A Procedure DRAFT 08.27.2017 4
27. TOO H with tubing.
28. Ensure hole is full. Run conventional CBL from 6000' to surface. Call Production Engineering with results. Discuss any changes to procedure.
29. TIH with tubing and set CIBP @ 5200' (250' below Shannon base). Ensure that CIBP is set in the middle of the joint of casing. Lay down 1 joint, load hole, and pressure test plug to 500 psi. Hold pressure for 15 minutes. Chart pressure on 1000 psi pressure chart.
30. Set a balanced plug with 100 sx (~20 bbl) of cement on top of CIBP from ~3882' to 5200'.
31. Pull tubing above cement plug with about 50 joints (25 stands). Reverse circulate to clear tubing.
32. TOO H with tubing.
33. RIH with wireline and set CIBP @ 1600'. 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.
34. POOH with wireline.
35. RIH with wireline and dump bail 2 sx cement on top of CIBP.
36. POOH with wireline.
37. ND 7-1/16" BOP, NU 11" BOP.
38. RU wireline.
39. RIH with wireline and jet cutter and cut 4-1/2" production casing at 1550'.
40. Circulate and condition hole.
41. Pull up 4-1/2" production casing. Pump a balanced plug with 195 sx (~48 bbl) gas check cement from ~940' to 1550'.
42. POOH with 4-1/2" casing. Lay down casing.
43. Wait on cement overnight.
44. TIH with 2-3/8" tubing. Tag stub plug. Note tag depth and report tag depth to Production Engineer.
45. Pull up with 2-3/8" tubing to 900'.
46. Pump a balanced plug with 205 sx (~42 bbl) cement from ~290' to 900'.
47. TOO H with tubing, standing back 20 joints (10 stands) in derrick and laying down next 20 joints in singles.
48. TIH with tubing to 290'. Spot a balanced plug with 95 sx (~19 bbl) cement from 290' to surface.
49. TOO H with tubing. Lay down tubing.
50. Top off surface casing if necessary.
51. Contact Maintenance Supervisor for flowline abandonment plan forward. Fill flowline with cement if necessary.
52. ND BOP, RDMO pulling unit.
53. Per ground disturbance procedure/policy, excavate around wellhead. Notify Environmental Department

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

Signed: _____

Print Name: Toby Sachen

Title: Contractor

Date: _____

Email: toby.sachen.contractor@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

401399390	PROPOSED PLUGGING PROCEDURE
401399391	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)