

FORM
6Rev
11/20

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

402530749

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: Cole Carveth

Name of Operator: CRESTONE PEAK RESOURCES OPERATING LLC

Phone: (303) 774-3979

Address: 1801 CALIFORNIA STREET #2500

Fax:

City: DENVER

State: CO

Zip: 80202

Email: cole.carveth@crestonepr.com

For "Intent" 24 hour notice required,

Name:

Tel:

COGCC contact:

Email:

Type of Well Abandonment Report:



Notice of Intent to Abandon



Subsequent Report of Abandonment

API Number 05-123-08557-00

Well Name: LEONARD

Well Number: 1

Location: QtrQtr: SENE

Section: 17

Township: 3N

Range: 66W

Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

Field Name: WATTENBERG

Field Number: 90750

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.227502

Longitude: -104.795390

GPS Data: GPS Quality Value: 4.2

Type of GPS Quality Value: PDOP

Date of Measurement: 04/09/2009

Reason for Abandonment:



Dry



Production Sub-economic



Mechanical Problems

☐ Other

Casing to be pulled:



Yes



No

Estimated Depth:

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	7856	7900	10/17/2020	SAND PLUG/CEMENT	7333

Total: 1 zone(s)

Casing History

Casing Type	Size of Hole	Size of Casing	Grade	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top	Status
SURF	12+1/4	8+5/8	J-55	24		488	400	488	0	CALC
1ST	7+7/8	4+1/2	J-55	11.6		8015	325	8015	6715	CALC

Subsurface hazards include, but are not limited to, the following: overpressured zones, underpressured zones, major geologic faults, salt sections, H₂S at concentrations greater than or equal to 100 ppm.

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7050 with 2 sacks cmt on top. CIBP #2: Depth _____ with _____ sacks cmt on top.
CIBP #3: Depth _____ with _____ 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 <u>5</u> sks cmt from <u>6950</u> ft. to <u>6938</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>10</u> sks cmt from <u>6935</u> ft. to <u>6761</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>75</u> sks cmt from <u>2500</u> ft. to <u>2230</u> ft.	Plug Type: <u>STUB PLUG</u>	Plug Tagged: <input type="checkbox"/>
Set <u>100</u> sks cmt from <u>620</u> ft. to <u>567</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set <u>82</u> sks cmt from <u>567</u> ft. to <u>0</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>

Perforate and squeeze at 6950 ft. with 55 sacks. Leave at least 100 ft. in casing 6935 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 567 ft. to 325 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: 2500 ft. of 4+1/2 inch casing

Surface Plug Setting Date: 10/20/2020 Cut and Cap Date: 11/03/2020 Number of Days from Setting Surface Plug to Capping or Sealing the Well: 14

*Wireline Contractor: STS

*Cementing Contractor: Basic

Type of Cement and Additives Used: Class G, Type III

Flowline/Pipeline has been abandoned per Rule 1105 ☐ Yes ☐ No

Technical Detail/Comments:

Additional Plugging Procedure: Lost-circulation sand plug from 7961 – 7856', 1.6 BBLS 500# sand slurry. Let plug balance and pumped 30 sx cmt plug from 7856-7333', full circulation throughout.

Form 17 on file with the COGCC Doc 402500108

Provided 48-hour notice of plugging via Form 42 Doc 402517598.

Well confirmed static with 0 psi after placing shallowest hydrocarbon isolating plug at 6935'

No sign of fluid migration, LEL's or trapped pressure evident prior to placing plug @ 620'.

Crestone Peak engineer was in communication with COGCC engineer regarding changes made to the procedures stated in the Plugging Procedures section of the approved NOI.

Plug pumped @ 620' was tagged @ 567' so an additional 100 sx pumped. After WOC 2 hrs TOC tagged @ 325'.

Surface plug pumped from 325' to surface with 82.5 sx.

At least 100' of cement left in the wellbore for each plug.

Leonard 1 flowline will be removed. Flowline pre-abandonment notice filed under document #402517598. Upon completion of facility removal, flowline will be removed.

Logs ran on 10/17/2020 and 10/19/2020 included in attachments.

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

Signed: _____

Print Name: Jane Washburn

Title: Sr Production Engr Tech

Date: _____

Email: jane.washburn@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:

COA Type

Description

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Attachment Check List

Att Doc Num

Name

402535859	WIRELINE JOB SUMMARY
402535861	CEMENT JOB SUMMARY
402535864	CEMENT BOND LOG
402535869	CEMENT BOND LOG
402539109	WELLBORE DIAGRAM
402539111	OTHER
402539113	OTHER
402539118	OPERATIONS SUMMARY
402539121	OPERATIONS SUMMARY

Total Attach: 9 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)