

Document Number:
 402469686
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 08/18/2020

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) 774-3900
 Address: 1801 CALIFORNIA STREET #2500 Fax: _____
 City: DENVER State: CO Zip: 80202 Email: cole.carveth@crestonepr.com

For "Intent" 24 hour notice required, Name: Evins, Bret Tel: (970) 420-6699
COGCC contact: Email: bret.evins@state.co.us

Type of Well Abandonment Report: Notice of Intent to Abandon Subsequent Report of Abandonment

API Number 05-123-25625-00
 Well Name: STATE PETERSON Well Number: 21-20
 Location: QtrQtr: NENW Section: 20 Township: 5N Range: 63W 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: 40.390203 Longitude: -104.462968
 GPS Data: GPS Quality Value: 2.7 Type of GPS Quality Value: _____ Date of Measurement: 11/08/2006
 GPS Instrument Operator's Name: JOHN BERLIN
 Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other _____
 Casing to be pulled: Yes No Estimated Depth: 2500
 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	6596	6606			
J SAND	7058	7142			
NIOBRARA	6326	6434			

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	414	290	414	0	VISU
S.C. 1.1	7+7/8	4+1/2	11.6	7,218	240	7,218	5,710	CBL
			Stage Tool	3,966	240	3,971	2,990	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6990 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 5 sks cmt from 6270 ft. to 6205 ft. Plug Type: CASING Plug Tagged:
 Set 25 sks cmt from 4115 ft. to 3783 ft. Plug Type: CASING Plug Tagged:
 Set 75 sks cmt from 2500 ft. to 2300 ft. Plug Type: STUB PLUG Plug Tagged:
 Set 110 sks cmt from 350 ft. to 0 ft. Plug Type: CASING Plug Tagged:
 Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:

Perforate and squeeze at 6326 ft. with 90 sacks. Leave at least 100 ft. in casing 6270 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 470 ft. to 350 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 Cut and Cap Date: _____

*Wireline Contractor: _____ *Cementing Contractor: _____

Type of Cement and Additives Used: _____

Flowline/Pipeline has been abandoned per Rule 1105 Yes No

Technical Detail/Comments:

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

Signed: _____ Print Name: Katelyn Davis

Title: Engineering Tech Date: 8/18/2020 Email: katelyn.davis@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: Wolfe, Stephen Date: 9/10/2020

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 3/9/2021

COA Type	Description
	<p>Venting Operator shall implement measures to control unnecessary and excessive venting, to protect the health and safety of the public, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public welfare.</p>
	<p>Bradenhead Testing Prior to starting plugging operations a bradenhead test shall be performed if there has not been a reported bradenhead test within the 60 days immediately preceding the start of plugging operations.</p> <ol style="list-style-type: none"> 1) If, before opening the bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required. 2) If pressure remains at the conclusion of the test, or if any liquids were present during the test, sampling is required. <p>The Form 17 shall be submitted within 10 days of the test. Sampling shall comply with Operator Guidance - Bradenhead Testing and Reporting Instructions. If samples are collected, copies of all final laboratory analytical results shall be provided to the COGCC within three (3) months of collecting the samples.</p> <p>If there is a need for sampling, contact COGCC engineering for verification of plugging procedure.</p>
	<p>Plugging</p> <ol style="list-style-type: none"> 1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) Properly abandon flowlines as per Rule 1105. File electronic Form 42 once abandonment complete. Within 30 days of an operator completing abandonment requirements for an off-location flowline or crude oil transfer line the operator must submit a Flowline Report, Form 44. 3) Plugs and squeezes will be placed as stated in the Plugging Procedure section of the approved NOIA unless revised by COA or prior approval from COGCC is obtained. 4) The wellbore must be static prior to placing cement plugs which are to be a minimum of 100' in length for all but surface plugs. Mechanical isolation requires a 25' cement plug, minimum. For plugs not specified to be tagged, a tag is required if circulation is not maintained while pumping plug and displacing to depth. 5) Place a 50' plug (minimum) at the surface, both inside the inner most casing and in all annular spaces. Surface plugs shall be circulated to surface. Confirm cement to surface in all strings during cut and cap. 6) With the Form 6 SRA operator must provide written documentation which positively affirms each COA has been addressed. 7) Contact COGCC Area Inspector prior to commencing plugging operations. 8) After placing the shallowest hydrocarbon isolating plug (6326'), operator must wait a sufficient time on all subsequent plugs to confirm static conditions. If at any time after placing this plug there is evidence of pressure or of fluid migration, contact COGCC Area Engineer before continuing operations. 9) Test casing prior to placing cement plug at 4115'. Notify COGCC Area Engineer of failed test to confirm plugging procedure prior to proceeding with plugging operations. 10) Due to a history of bradenhead pressure as reported on the pre-plugging Form 17, wait 8 hours after pumping plug at 2500-2300', in order to assure that there is no pressure or flow before proceeding with plugging procedure, additional plugs may be necessary to shut off pressure or flow prior to isolating the surface shoe. Contact COGCC Area Engineer if well is not static prior to placing any subsequent plugs. 11) Submit gyro survey with Form 6 SRA if available.

Attachment Check List

Att Doc Num	Name
402469686	FORM 6 INTENT SUBMITTED
402469759	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	SB5 Laramie-Fox Hils 4444 4482 24.6 143 105 5.90 E NNT L-FH + 50 =143 + 50 = 193' WW + Elev + 50 =60' Logs 5/4/2006 UPA base 1400'	09/10/2020
Permit	<ul style="list-style-type: none">•Verified SHL lat./long.•Verified perped intervals via Doc. 1731093•Verified production reporting	08/19/2020

Total: 2 comment(s)