

Document Number:
402017557

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04/23/2019

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: Silver, Randy Tel: (720) 827-6688

COGCC contact: Email: randy.silver@state.co.us

API Number 05-123-11580-00

Well Name: MILLER Well Number: 3-17 J

Location: QtrQtr: SESE Section: 17 Township: 2N Range: 67W 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: 40.134790 Longitude: -104.909423

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
 Other _____

Casing to be pulled: Yes No Estimated Depth: 1850

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	7918	7980			

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+1/4	8+5/8	24	529	400	529	0	VISU
1ST	7+7/8	4+1/2	11.6	8,105	300	8,105	7,000	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7865 with 2 sacks cmt on top. CIBP #2: Depth 7175 with 2 sacks cmt on top.
CIBP #3: Depth 80 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 75 sks cmt from 1850 ft. to 1650 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 45 sks cmt from 430 ft. to 290 ft. Plug Type: CASING Plug Tagged:
Set 20 sks cmt from 80 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 4540 ft. with 75 sacks. Leave at least 100 ft. in casing 4490 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 50 sacks half in. half out surface casing from 580 ft. to 475 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. _____ inch casing Plugging Date: _____
of _____

*Wireline Contractor: _____ *Cementing Contractor: _____

Type of Cement and Additives Used: _____

Flowline/Pipeline has been abandoned per Rule 1105 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

PBD is incorrect on Scout Card, can confirm with CBL. CBL has not been run and will be run prior to cementing the SX. Cement tops calculated.

West Area -

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

Signed: _____ Print Name: Sandy Ocker

Title: Prod Engineering Tech Date: 4/23/2019 Email: sandy.ocker@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: 5/3/2019

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 11/2/2019

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. Per operator: Crestone Peak will utilize a sealed tank and enclosed combustor where appropriate to ensure that any well gas generated from well plugging operations do not constitute a nuisance or hazard to public welfare.</p>
	<p>Bradenhead Testing</p> <ul style="list-style-type: none"> • Prior to the start of plugging operations, a bradenhead test shall be performed and reported if there has not been a reported bradenhead test within the 60 days immediately preceding the start of plugging operations. • If any of the following conditions exist then sampling of all fluids is required and sampling methods shall comply with Operator Guidance – Bradenhead Testing and Reporting Instructions, Appendix A: Liquid and Gas Sampling as found on the COGCC website, cogcc.state.co.us. <ul style="list-style-type: none"> 1) The initial pressure measurement on the bradenhead is greater than 25 psi, prior to blowing down any liquid or gas from the bradenhead valve, or 2) Pressure remains at the conclusion of the test, or 3) Any liquids are present anytime during the test. If so, then stop the test as soon as liquids are present and sample before resuming the test. • Form 17 Bradenhead Test Report shall be submitted within 10 days of the test. • 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. Submit via a Form 43 to upload the laboratory results to the COGCC Environmental Database. Form 43 instructions are on COGCC's website under Regulation => Forms => Form 43 COGCC Environmental Database.
	<p>Plugging</p> <ul style="list-style-type: none"> • Provide 48 hour notice of plugging MIRU via electronic Form 42. • 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. • If there is Bradenhead pressure reported on the pre-plugging Form 17 operator will contact COGCC Area Engineer for revised plugging orders prior to proceeding with plugging operations. • COCGG does not have a CBL on file that demonstrates cement coverage. Operator will confirm cement coverage by CBL and submit with Form 6 SRA. If cement coverage is not as represented on the approved NOIA, operator will contact COGCC Area Engineer for revised plugging orders before proceeding with plugging operations. • COGCC Change: Open hole plug at stub to 1850-1650', adjust cement volume accordingly. • Tag 1850-1650' plug if circulation is not maintained while pumping and displacing plug to depth, 100' minimum required. • Check for fluid migration or shut-in pressure on the well prior to pumping any plug (open hole, annular or casing) that isolates deepest aquifer or the surface casing shoe (whichever is deeper). Contact COGCC Area Engineer for revised plugging orders if well is not static at this time prior to continuing with plugging operations. • Tag required if the shoe plug, or combined stub/shoe plug, is not circulated to the surface. Shoe plug shall be placed as specified herein and the top of cement must be a minimum 50' into the shoe, or 50' above the stub (if not cut below the shoe), whichever is shallower. • Place a 50' plug (minimum) at the surface, both inside the inner most casing and in all annular spaces. All other cement plugs, without mechanical isolation, shall have at least 100' of cement left in the casing. Confirm cement to surface in all strings during cut and cap. • 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. • Submit gyro survey with Form 6 SRA if available. • Confirm COAs have been met on the Form 6 SRA.

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402017557	FORM 6 INTENT SUBMITTED
402017603	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	SB5Laramie-Fox Hills 4530 4814 170.9 424 140 41.02 NT SB5 + 50' = 424 + 50 = 474' WW + Elev diff + 50' = 377 + 4954 - 4950 + 50 = 431' Logs 1/11/84 Base UPA 1540'	05/03/2019
Well File Verification	Pass	04/24/2019
Permit	- Confirmed as-built well location. -Reviewed production. Up-to-date. -No other documents in process. -Interval confirmed docnum: 89248 -WBD reviewed. -Corrected PBSD to 8065' per operator. -Pass	04/24/2019

Total: 3 comment(s)