

Document Number:  
402535559

Date Received:  
11/18/2020

**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) 774-3979  
 Address: 1801 CALIFORNIA STREET #2500 Fax: \_\_\_\_\_  
 City: DENVER State: CO Zip: 80202 Email: Cole.Carveth@crestoepr.com

**For "Intent" 24 hour notice required,** Name: \_\_\_\_\_ Tel: \_\_\_\_\_  
 Email: \_\_\_\_\_

**COGCC contact:** \_\_\_\_\_

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

API Number 05-123-16645-00  
 Well Name: BARCLAY-CHRISMAN Well Number: 4-20  
 Location: QtrQtr: NWSW Section: 20 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: 40.207520 Longitude: -104.807295  
 GPS Data: GPS Quality Value: 1.8 Type of GPS Quality Value: PDOP Date of Measurement: 05/13/2009

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
CODELL	7404	7420	10/13/2020	B PLUG CEMENT TOP	7050
NIOBRARA	7130	7320	10/13/2020	B PLUG CEMENT TOP	7050
J SAND	7846	7894	10/13/2020	B PLUG CEMENT TOP	7775

Total: 3 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	3.625	24		505	230	505	0	VISU
1ST	7+7/8	4+1/2	3.375	11.6		8083	310	8083	6750	CBL

### Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7775 with 2 sacks cmt on top. CIBP #2: Depth 7050 with 10 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 127 sks cmt from 2500 ft. to 2070 ft. Plug Type: STUB PLUG Plug Tagged:   
 Set 165 sks cmt from 480 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:   
 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 108 sacks half in. half out surface casing from 670 ft. to 480 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 Number of Days from Setting Surface Plug to Capping or Sealing the Well: 56  
 Surface Plug Setting Date: 12/15/2020 Cut and Cap Date: 10/20/2020

\*Wireline Contractor: Ensing, STS, Brand X \*Cementing Contractor: Basic, Ensign, Schlumberger

Type of Cement and Additives Used: Type 3, Class G

Flowline/Pipeline has been abandoned per Rule 1105  Yes  No

#### Technical Detail/Comments:

Form 17 submitted with results of pre-plugging bradenhead test, Doc # 402500115.  
 Form 42 Doc # 402508097 48 Hour Notice on file with COGCC.  
 As of filing of form 6 subsequent, flowline has not been removed yet. Flowline will be removed per COGCC 1105 series rules.  
 Crestone Peak engineer was in communication with COGCC Engineer regarding changes made to the procedures as stated in the Plugging Procedures section of the approved Form 6 NOI.  
 Wellbore static prior to placing cement plugs, all of which are in excess of 100'. Cement above mechanical isolation exceeds 25'.  
 Plug at surface is well in excess of the required 50'. All annular spaces and casing are filled to surface with cement and confirmed at cut and cap.  
 All COAs have been addressed and met.  
 Static conditions ensured on all plugs subsequent to shallowest hydrocarbon plug.  
 COGCC Area Inspector was contacted prior to commencing plugging operations.  
 JSAND CIBP with 2 sx cement at 7775'.  
 Cut casing at 2500'.  
 Increased bottom of shoe plug to 670' and tagged TOC at 480'.  
 Well static prior to pumping shoe plug with full circulation throughout job.

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

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: Jacobson, Eric

Date: 9/23/2022

**CONDITIONS OF APPROVAL, IF ANY:**

**Condition of Approval**

**COA Type**

**Description**

0 COA

**Attachment List**

**Att Doc Num**

**Name**

402535559	FORM 6 SUBSEQUENT SUBMITTED
402535656	WELLBORE DIAGRAM
402535658	OPERATIONS SUMMARY
402535661	WIRELINER JOB SUMMARY
402535666	OPERATIONS SUMMARY
402535670	CEMENT JOB SUMMARY

Total Attach: 6 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

Engineer	Form 44 Doc# 403154169	09/23/2022
Permit	Permitting review complete.	03/09/2022

Total: 2 comment(s)