

FORM  
6  
Rev  
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



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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: 10518 Contact Name: Brittany Rothe  
 Name of Operator: CONFLUENCE DJ LLC Phone: (303) 226-9519  
 Address: 1001 17TH STREET #1250 Fax: (303) 226-9500  
 City: DENVER State: CO Zip: 80202 Email: brothe@confluencelp.com

**For "Intent" 24 hour notice required,** Name: Burns, Adam Tel: (970) 218-4885  
**COGCC contact:** Email: adam.m.burns@state.co.us

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

API Number 05-123-48440-00  
 Well Name: SILVERTON Well Number: 5-5-1L  
 Location: QtrQtr: NWSW Section: 4 Township: 4N 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: 40.341120 Longitude: -104.451520  
 GPS Data: GPS Quality Value: 1.7 Type of GPS Quality Value: PDOP Date of Measurement: 04/07/2020

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: Confluence DJ utilized Ensign Rig 122 to drill surface hole and set 9-5/8" surface casing for the subject well, Silverton 5-5-1L, 05-123-48440, from 3/4-3/5/2020.

Confluence DJ returned with Ensign Rig 162 and spud the production hole on 12/19/2020. The following details describe how the subject wellbore came to be in its current condition:

- Drill to planned TD of 16,220'. Normal clean-up of well post-TD. POOH with drill pipe.
- Run 5-1/2" 20# casing. Have to work casing to bottom starting at 12,470'. Able to get to bottom.
- Unable to establish circulation after running casing before starting cement. Several attempts to rotate and reciprocate pipe unsuccessful in establishing circulation.
- Pull all casing to attempt reamer/clean out run on drill pipe.
- Start in hole with tri-cone bit and drill pipe to ream/clean hole. Unable to get past 13,200', POOH for wiper trip. Drill pipe gets stuck at 12,070', unable to POOH, RIH, rotate or circulate.
- Several attempts made with wireline and coil to recover pipe. Attempt to cut drill pipe at ~11,800', coil ends up getting stuck in drill pipe at 9,060', unable to reach target. Cut drill pipe at ~9,030' and release from used pipe cutter, POOH with coil.
- Work to free and pull drill pipe from 9,046'. Top of fish @ 9,046'.
- Lost in Hole: 8-1/2" tri-cone bit, bit sub, 6 joints heavy weight drill pipe, 63 joints drill pipe, 22.75' cut drill pipe, 2" radial arm coil cutter.

## Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth

Total: 0 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	13+1/2	9+5/8	J-55	36	0	1581	470	1590	0	VISU

Subsurface hazards include, but are not limited to, the following: overpressured zones, underpressured zones, major geologic faults, salt sections, H<sub>2</sub>S at concentrations greater than or equal to 100 ppm.

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth \_\_\_\_\_ with \_\_\_\_\_ 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 350 sks cmt from 6734 ft. to 5730 ft. Plug Type: OPEN HOLE Plug Tagged:   
 Set 140 sks cmt from 4250 ft. to 3850 ft. Plug Type: OPEN HOLE 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 440 sacks half in. half out surface casing from 2500 ft. to 1330 ft. Plug Tagged:

Set 35 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 Number of Days from Setting Surface Plug to Capping or Sealing the Well: \_\_\_\_\_  
 Surface Plug Setting Date: \_\_\_\_\_ 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:

Confluence DJ has written this procedure assuming we will use 15.8 lb/gal, 1.15 ft<sup>3</sup>/sack yield Class G 'Neat' cement for the P&A. There is a possibility that we can use 14.4 lb/gal, 1.7 ft<sup>3</sup>/sack yield cement that was originally intended to cement this well's production string. If we're able to use the production string cement, do we have the COGCCs permission to do so assuming we keep the plug set depths and tops the same, and adjust the sacks of cement per the yield in question? Thank you!

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

Signed: \_\_\_\_\_ Print Name: Brittany Rothe

Title: Engineering Manager Date: \_\_\_\_\_ Email: brothe@confluencelp.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**

402563939	OTHER
402563941	DIRECTIONAL SURVEY
402563944	WELLBORE DIAGRAM
402563946	PROPOSED PLUGGING PROCEDURE

Total Attach: 4 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)