

**FORM**  
**6**  
Rev  
05/18

**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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**Replug By Other Operator**

Document Number:

401676109

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: <u>10518</u>	Contact Name: <u>Brittany Rothe</u>
Name of Operator: <u>CONFLUENCE DJ LLC</u>	Phone: <u>(303) 226-9519</u>
Address: <u>1001 17TH STREET #1250</u>	Fax: <u>(303) 226-9595</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>	Email: <u>brothe@confluencelp.com</u>

**For "Intent" 24 hour notice required,** Name: Gomez, Jason Tel: (970) 573-1277  
**COGCC contact:** Email: jason.gomez@state.co.us

API Number: <u>05-001-06867-00</u>	Well Number: <u>1</u>
Well Name: <u>HELEN M PENROD</u>	
Location: QtrQtr: <u>SWSW</u> Section: <u>4</u> Township: <u>1S</u> Range: <u>65W</u> Meridian: <u>6</u>	
County: <u>ADAMS</u> Federal, Indian or State Lease Number: _____	
Field Name: <u>WATTENBERG</u> Field Number: <u>90750</u>	

Notice of Intent to Abandon       Subsequent Report of Abandonment

*Only Complete the Following Background Information for Intent to Abandon*

Latitude: 39.989580 Longitude: -104.674840

GPS Data:  
Date of Measurement: 06/07/2018 PDOP Reading: 1.7 GPS Instrument Operator's Name: Daley Land Surveying

Reason for Abandonment:  Dry     Production Sub-economic     Mechanical Problems  
 Other Re-entry to properly plug prior to offset HZ completions

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

Total: 0 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	206	200	206	0	VISU

## 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 221 sks cmt from 6000 ft. to 5400 ft. Plug Type: OPEN HOLE Plug Tagged:   
Set 221 sks cmt from 1500 ft. to 900 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 79 sacks half in. half out surface casing from 256 ft. to 0 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: \_\_\_\_\_  
\*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:

**\*\*NOTE - ESTIMATED SIZE OF WELLBORE FOR SURFACE CASING. ACTUAL HOLE SIZE NOT AVAILABLE ON ANY RECORDS\*\***

**Locate Well and Make-Up Wellhead**

- 1.) Call Line Locates & Provide 48 hr. Form 42 notice to COGCC prior to 'excavation and rig up.'
- 2.) Survey and locate abandoned well, mark with stake, and take location photos.
- 3.) Excavate to expose top of surface casing.
- 4.) Prepare location surrounding exposed casing as necessary for rig.
- 5.) Set and test deadman anchors as necessary.
- 6.) Weld 2" collar to top of 8-5/8" surface casing cap. Make up to collar, pneumatic drill with non-sparking bit. Drill out cap venting possible trapped gas.
- 7.) Once verified that no gas exists beneath top of surface casing plate, cut off surface casing below plate with torch, dress up smooth.
- 8.) Butt weld 8-5/8" casing to dressed cut, bringing threaded end of casing to ground level.
- 9.) Make up to 8-5/8" casing one 8-5/8" collar, and an 8-5/8" starter well head.
- 10.) NU flange adaptor and 5k BOP, test BOP.

**Drill out Old Plug/s and Set New Plugs**

- 11.) MU and RIH with 6-1/8" bit, PU 2-7/8" (or 3-1/2") drill collars, 2-7/8" 6.5# tubing, and TIW valve.
- 12.) Drill out 10 sx cement plug (down to 40'), PSI test surface casing to 300 psi.
- 13.) Drill out 10 sx cement plug @ 150'. Roll hole with kill fluid until well is dead, or blown down.
- 14.) Continue RIH, cleaning out, tag top of Fox Hills plug, +/- 1,000'.
- 15.) Drill out plug to +/- 1,200'. Continue to cleanout, RIH and clean out with target depth of +/- 6,000'. Circulate hole clean.
- 16.) TOOH 2-7/8" work string, drill collars and bit.
- 17.) PU and RIH with mule shoe and 2-7/8" tubing to +/- 6,000'.
- 18.) MIRU wireline, RIH gyro survey to EOT. POOH.
- 19.) RU cementers. Pump 221 sack balance plug of 15.8 ppg Class G 'neat' cement inside 7-7/8" open hole from +/- 6,000' plug up to ~5,400'.
- 20.) PU with 2-7/8" tubing to +/- 5,200' (800' above bottom of plug). Roll hole clean, wait on cement.
- 21.) RIH with 2-7/8" tubing and tag top of cement plug, confirm TOC.
- 22.) POOH 2-7/8" sting to +/- 1,500', 190' below Fox Hills.
- 23.) RU cementers. Pump 221 sack balance plug of 15.8 ppg Class G 'neat' cement inside 7-7/8" open hole from +/- 1,500' plug up to ~900'.
- 24.) Pull 2-7/8" tubing to 700'. Roll hole clean. Pull tubing to 256'.
- 25.) RU cementers. Pump 79 sx of 15.8 ppg Class G 'neat' across surface shoe to surface.
- 26.) POOH with 2-7/8" tubing. Top off tubing displacement when out of hole. RD cementers.
- 27.) RDMO.

**Reclaim**

- 28.) Excavate around wellhead to 8' below grade, cut off 8-5/8" casing, weld on cap.
- 29.) Obtain GPS location data as per COGCC Rule 215.
- 30.) Backfill hole and reclaim surface to original conditions.

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: \_\_\_\_\_

<b>COA Type</b>	<b>Description</b>

## Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401676119	WELLBORE DIAGRAM
401676121	SURFACE OWNER CONSENT
401676122	LOCATION PHOTO
401676130	PROPOSED PLUGGING PROCEDURE

Total Attach: 4 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)