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

DE	ET	OE	ES

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Date Received: 06/14/2018

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) 226-9595
City: DENVER State: CO Zip: 80202
Email: brothe@confluencelp.com

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

API Number 05-001-08766-00
Well Name: PENROD Well Number: 4-3
Location: QtrQtr: NWNW Section: 4 Township: 1S Range: 65W Meridian: 6
County: ADAMS 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: 39.997760 Longitude: -104.674630
GPS Data:
Date of Measurement: 06/07/2018 PDOP Reading: 1.2 GPS Instrument Operator's Name: Daley Land Surveying
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
D SAND	7839	7847	04/06/1987	CEMENT	7755
J SAND	7907	7926	04/06/1987	CEMENT	7755

Total: 2 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	13+3/4	9+5/8	32.5	217	180	217	0	VISU
1ST	7+7/8	4+1/2	11.6	7,996	250	7,996	6,450	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth ______ with ______ sacks cmt on top. CIPB #2: Depth ______ with ______ sacks cmt on top.

CIBP #3: Depth ______ with ______ sacks cmt on top. CIPB #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	60	sks cmt from	3000	ft. to	2900	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 164 sacks half in. half out surface casing from 350 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. of ______ 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:

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 9-5/8" 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 9-5/8" casing to dressed cut, bringing threaded end of casing to ground level.
9.) Make up to 9-5/8" casing one 9-5/8" collar, and an 9-5/8" 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'). Pressure test casing to 300 psi.
13.) Drill out 2nd cement plug of 25 sx plug @ 84'. Roll hole with kill fluid until well is dead or blown down.
14.) Continue RIH, washing out, tag top of Fox Hills plug, +/- 981'. Impossible to verify bottom of plug depth.
15.) Drill out Plug to +/- 1,100'. Continue to washdown, RIH and clean out with target depth of +/- 5,000'. Circulate hole clean.
16.) MIRU Slickline, RIH gyro survey inside tubing to deepest depth of clean out. POOH. RDMO Slickline.
17.) TOOH 2-7/8 Work String, Drill Collars and Bit.
18.) PU and RIH with mule shoe and 2-7/8" tubing to +/- 1,500'.
19.) 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'.
20.) PU with 2-7/8" tubing to +/- 700' (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.) Pull 2-7/8" tubing to 267'.
23.) RU cementers. Pump 114 sx of 15.8 ppg Class G 'neat' across surface shoe to surface.
24.) POOH with 2-7/8" tubing. Top off tubing displacement when out of hole. RD cementers.
25.) RDMO.

Reclaim
26.) Excavate around wellhead to 8' below grade, cut off 9-5/8" casing, weld on cap.
27.) Obtain GPS location data as per COGCC Rule 215.
28.) 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: 6/14/2018 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: BURN, DIANA Date: 7/10/2018

CONDITIONS OF APPROVAL, IF ANY: Expiration Date: 1/9/2019

COA Type	**Description**
	NOTE: Changes in plugging procedure - additional plug (60 sx pumped at ~3000') - shoe plug deepened (isolate UKA/LKA) 1) Provide 48 hour notice of plugging MIRU via electronic Form 42.
	Provide as-built GPS with Subsequent Report of Abandonment, Form 6.

Attachment Check List

Att Doc Num	Name
401673893	WELL ABANDONMENT REPORT (INTENT)
401674347	LOCATION PHOTO
401674442	SURFACE OWNER CONSENT
401674463	WELLBORE DIAGRAM
401674464	PROPOSED PLUGGING PROCEDURE
401698744	FORM 6 INTENT SUBMITTED

Total Attach: 6 Files

General Comments

User Group	Comment	Comment Date
Engineer	Denver 5010 5090 14.2 64 -16 3.86 E NNT Upper Arapahoe 4777 4975 37.6 297 99 10.22 NNT Lower Arapahoe 4402 4702 101.9 672 372 27.71 NT Laramie-Fox Hills 3806 4071 147.4 1268 1003 35.37 NT	07/10/2018
Well File Verification	Well file not found for verification - pass task 06/20/18	06/20/2018

Total: 2 comment(s)