

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:

401676517

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: 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,

Name: Gomez, Jason

Tel: (970) 573-1277

COGCC contact:

Email: jason.gomez@state.co.us

API Number 05-001-06229-00

Well Name: UPRR 33 PAN AM NAV

Well Number: 1

Location: QtrQtr: NWSW Section: 9 Township: 1S Range: 65W Meridian: 6

County: ADAMS

Federal, Indian or State Lease Number:

Field Name: WILDCAT

Field Number: 99999

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.977860

Longitude: -104.676120

GPS Data:

Date of Measurement: 06/07/2018

PDOP Reading: 1.1

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
J SAND	7972	8028	03/21/1972	CEMENT	-7860

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	234	200	234	0	
1ST	7+7/8	4+1/2	10.5/11.6	8,120	200	8,120	7,045	CALC
S.C. 1.1	7+7/8	4+1/2	10.5/11.6	1,275	200	1,275	250	CALC

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 25 sks cmt from 1500 ft. to 1170 ft. Plug Type: CASING Plug Tagged: ☐
Set 37 sks cmt from 250 ft. to 0 ft. Plug Type: ANNULUS 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 5500 ft. with 180 sacks. Leave at least 100 ft. in casing 5470 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 37 sacks half in. half out surface casing from 250 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: _____
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:

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, Squeeze and Set New Plugs

- 11.) NU 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 at surface. Roll hole with kill fluid until well dead, or blown down.
- 13.) Continue RIH w/ 2-7/8" work string, cleaning out with drilling mud or water to +/- 7860', the estimated top of plug over the J-Sand, tag top of plug. Circulate hole clean.

*Note, slow down @ +/- 7500' as top of plug could be near 7650'

- 14.) TOOH tubing, drill collars and bit.
- 15.) MIRU logging truck, Run CBL to confirm production casing cement tops. Wait on orders if any issues found. Make 2nd run with Gyro survey.
- 16.) Based on CBL and 1st stage cement top, evaluate potential location to squeeze in to 4-1/2" x 7-7/8" annulus. Need to provide >400' cement barrier above Niobrara.
- 17.) Pressure test casing to 500 psi.
- 18.) RIH w/ perf guns and shoot squeeze holes @ +/- 5500' based on evaluation. POOH w/ wireline.
- 19.) MU BHA for cement squeeze. RIH w/ 4-1/2" cement retainer, stinger assembly and 2-7/8" workstring to +/- 5470'. Set cement retainer.
- 20.) RU cementers. Squeeze 180 sx of 15.8 ppg Class G 'neat' cement down tubing/ retainer and into squeeze holes.
- 21.) Sting out of cement retainer, spot last 5 sacks on top of retainer. PU 75', circulate hole clean, TOOH with 2-7/8" tubing. WOC.
- 22.) MIRU wireline. Run CBL across squeeze. Confirm >400' cement coverage. If 1st CBL also showed good cement over Fox Hills, prep for cement plug inside 4-1/2" casing.
- 23.) TIH w/ mule shoe 2-7/8" tubing, tag cement retainer, PU to 1500'.
- 24.) RU cementers. Pump 25 sx balanced plug of 15.8 ppg Class G 'neat' cement in 4-1/2" casing.
- 25.) Pull 2-7/8" tubing up to 1,000'. Roll hole clean. POOH.
- 26.) RIH on wireline with perf or chemical cutter gun, shoot 2 squeeze holes in 4-1/2" casing above TOC @ +/- 250'. If TOC is in 8-5/8" surface casing, ensure hole penetration will not shoot through 8-5/8". POOH.
- 27.) RU cementers to 4-1/2" casing. Pump 74 sx of 15.8 ppg Class G 'neat' cement inside/outside the production casing from 250' to surface.
- 28.) RD cementers.
- 29.) RDMO workover.

Reclaim

- 30.) Excavate around wellhead to 8' below grade, cut off 8-5/8" casing, top off cement if necessary, weld on cap.
- 31.) Obtain GPS location data as per COGCC Rule 215.
- 32.) 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: _____

COA Type **Description**

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Attachment Check List

Att Doc Num

Name

401676579	WELLBORE DIAGRAM
401676581	PROPOSED PLUGGING PROCEDURE
401676585	SURFACE OWNER CONSENT
401676587	LOCATION PHOTO

Total Attach: 4 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)