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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: 10575 Contact Name: Kaleb Roush
 Name of Operator: 8 NORTH LLC Phone: (720) 354-4580
 Address: 370 17TH STREET SUITE 5300 Fax: _____
 City: DENVER State: CO Zip: 80202 Email: kroush@extractionog.com

For "Intent" 24 hour notice required, Name: Pesicka, Conor Tel: (970) 415-0789
COGCC contact: Email: conor.pesicka@state.co.us

API Number 05-123-25559-00 Well Name: BILL Well Number: 12-27
 Location: QtrQtr: NWSW Section: 27 Township: 11N Range: 61W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: _____
 Field Name: GROVER Field Number: 33380

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.891170 Longitude: -104.198760
 GPS Data:
 Date of Measurement: 05/14/2008 PDOP Reading: 2.0 GPS Instrument Operator's Name: DARREN VEAL
 Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other _____
 Casing to be pulled: Yes No Estimated Depth: 3500
 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	7602	7655			

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	1,057	739	1,057	0	VISU
1ST	7+7/8	4+1/2	11.6	7,920	265	7,920	6,688	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7550 with 2 sacks cmt on top. CIBP #2: Depth 850 with 2 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 76 sks cmt from 3550 ft. to 3300 ft. Plug Type: STUB PLUG 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:
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:

Perforate and squeeze at 6550 ft. with 40 sacks. Leave at least 100 ft. in casing 6450 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 75 sacks half in. half out surface casing from 957 ft. to 1157 ft. Plug Tagged:

Set 15 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 1103 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

Stub plug from 3550 to 3300' designed to provide 200' wellbore to wellbore coverage above hydrocarbon producing zones.

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

Signed: _____ Print Name: Kaleb Roush

Title: Production Engineer Date: 10/6/2017 Email: kroush@extractionog.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: SUTPHIN, DIRK Date: 10/26/2017

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 4/25/2018

<u>COA Type</u>	<u>Description</u>
	Venting during plugging: Operator shall implement measures to control unnecessary and excessive venting, to protect the health and safety of the public, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public welfare.
	Bradenhead: Prior to starting plugging operations a bradenhead test shall be performed. 1) If, before opening the bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required. 2) If pressure remains at the conclusion of the test, or if any liquids were present during the test, sampling is required. Sampling shall comply with Operator Guidance - Bradenhead Testing and Reporting Instructions, Appendix A: Liquid and Gas Sampling. The Form 17 shall be submitted within 10 days of the test.
	1) Provide 48 hour notice of MIRU via electronic Form 42. 2) Shoe plug: Tag plug 50' above surface casing shoe. 3) Surface plug: Cement from 50' to surface in casing and annulus. 4) Properly abandon flowlines per Rule 1103. File Form 42 when done. 5) Abandoned well marker shall be inscribed with the well's legal location, well name and number, and API Number (Rule 319.a.5).

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401405020	FORM 6 INTENT SUBMITTED
401422481	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Well Info: Wellbore Diagram and Plug at 3550'-3300' on Form indicate plan is to pull casing at 3500', so changed estimated depth to pull casing from 1110' to 3500'. Plugging: Added plug at 6550' to isolate Niobrara. TOC is 6688' by CBL and NBRR top is 6735', which is less than 200', so the plug cannot be set inside casing, it needs to be perf & squeeze. If desired CICR may be set less than 100' above the squeeze perforations, but in that case some cement would need to be left on top of the CICR in order to leave 100' cement in casing. Increased surface plug to 15 sks (volume of 50' casing and annulus).	10/26/2017
Public Room	Document verification complete 09/25/17	09/25/2017

Total: 2 comment(s)