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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: 76840 Contact Name: Jeff Schneider

Name of Operator: SCHNEIDER ENERGY SERVICES INC Phone: (970) 867-9437

Address: P O BOX 889 Fax: (970) 867-9137

City: FORT MORGAN State: CO Zip: 80701 Email: jeff@schneiderenergy.com

For "Intent" 24 hour notice required, Name: _____ Tel: _____

COGCC contact: Email: _____

API Number 05-087-07146-00

Well Name: LISLE Well Number: 1 RE-ENTRY

Location: QtrQtr: NENE Section: 3 Township: 5N Range: 58W Meridian: 6

County: MORGAN Federal, Indian or State Lease Number: _____

Field Name: ECHO CANYON Field Number: 19400

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.434950 Longitude: -103.843967

GPS Data:
Date of Measurement: 12/17/2013 PDOP Reading: 2.7 GPS Instrument Operator's Name: Chad Lambert

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	6054	6060	01/14/2019	B PLUG CEMENT TOP	6010

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	11	9+5/8	20	175	95	175	0	VISU
1ST	7+7/8	5+1/2	17	6,154	150	6,154	4,780	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6010 with 2 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 15 sks cmt from 5250 ft. to 5200 ft. Plug Type: CASING 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 _____ 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 80 sacks half in. half out surface casing from 225 ft. to 4 ft. Plug Tagged:

Set 1 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: 01/24/2019
of _____

*Wireline Contractor: Brand X Wireline, LLC *Cementing Contractor: Yetter Well Service, Inc

Type of Cement and Additives Used: Type I-II

Flowline/Pipeline has been abandoned per Rule 1105 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

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

Signed: _____ Print Name: Jeff Schneider

Title: President Date: 2/14/2019 Email: jeff@schneiderenergy.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: McFarland, Nick Date: 5/14/2019

CONDITIONS OF APPROVAL, IF ANY:

COA Type

Description

COA Type	Description

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
1801832	CEMENT BOND LOG
401940809	FORM 6 SUBSEQUENT SUBMITTED
401940903	CEMENT JOB SUMMARY
401940906	WIRELINER JOB SUMMARY
401940907	WIRELINER JOB SUMMARY
401940977	WELLBORE DIAGRAM

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	*Bradenhead test performed 10/04/18, more than 60 days before PA ops began. *Last MIT performed 11/18/2013, more than 5 years before PA ops were completed.	04/29/2019
Engineer	Form 7 reporting updated by operator 4/30/19. Form 42 filed for flowline abandonment. Form 42 filed for 48 hour ops notice. GPS location appears accurate on maps. Zones and casing history consistent with approved intent. Procedure, WBD and tickets are consistent. CBL submitted.	04/29/2019
Engineer	<p>Emailed jeff@schneiderenergy.com 4/29/19 with questions and responses below.</p> <p>Question 1: Is there any other documentation of the cement pumped for the squeeze? The handwriting is difficult to read and it appears to say that all tubing was laid down on trailer before pumping cement. Was the EOT not at the perforations before pumping?</p> <p>Jeff's Response - That is correct, there was no tubing in the well when we pumped this cement job. We pumped this plug from surface. We pumped until cement came out of the surface casing annuals then shut down. The reason we do that is to fill the inside of the production casing and the surface casing annuals with cement, from the squeeze hole to surface. I have always done this rather than pumping 50 sacks at the surface casing shoe and then pumping 15 sacks in the top of the surface. It takes a little more cement but I believe we get a better cement job by doing it this way.</p> <p>Question 2: WBD specifies "81 sacks of cement from 225' to 4'" as well as "95 sacks of surface cement". I did not see 95 sacks pumped as it's own plug, but rather it appears 95 sacks was the sum of the two plugs pumped that day (15 sacks at 5250' + 80 sacks at 225'). Please review these documents, ensure all depths and volumes of cement are clearly documented, and update the WBD to match.</p> <p>Jeff's Response - The 95 sacks indicated in the WBD on ITEM # 2 was the 95 sacks that was pumped when the surface casing was ran when the well was drilled. I have attached Doc # 150795 showing the surface cement job pumped in 1970. We pumped 15 sacks at 5250' and 80 sacks at 225' (total of 95) on 1/16/19. And pumped 1 sack on 1/17/19 to top of the casing for a total of 81 sacks for the surface job.</p> <p>Question 3: Rig operations ended on 1/17/2019. Was the well also cut and capped on this date? If not, when was it?</p> <p>Jeff's Response: The casing was cut off and capped and the flowing plugged on 1/24/19.</p>	04/29/2019
Engineer	sutphind Engineer 01/15/2019 76840 401696357 087-07146 01/15/2019 Edit Operator (Jeff Schneider) contacted me regarding plugging. They ran a CBL showing TOC 4750', similar to what the WBD claimed 4780'. Called operator back and requested they add 15 sk plug in casing at 5250' to isolate NBRR produced 10 miles NW. Buffer Twp on PA-DA Niobrara plugs map	04/29/2019

Total: 4 comment(s)