

Document Number:
 401318576
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 08/02/2017

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: 96155 Contact Name: Andrew Fish
 Name of Operator: WHITING OIL & GAS CORPORATION Phone: (701) 264-9004
 Address: 1700 BROADWAY STE 2300 Fax: _____
 City: DENVER State: CO Zip: 80290 Email: andrew.fish@whiting.com
For "Intent" 24 hour notice required, Name: Pesicka, Conor Tel: (970) 415-0789
COGCC contact: Email: conor.pesicka@state.co.us

API Number 05-123-19977-00
 Well Name: UHL Well Number: 2
 Location: QtrQtr: NWNW Section: 29 Township: 10N Range: 58W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: _____
 Field Name: TERRACE SOUTH Field Number: 81550

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.814668 Longitude: -103.896637
 GPS Data:
 Date of Measurement: 09/27/2010 PDOP Reading: 1.6 GPS Instrument Operator's Name: Larry D. Brown
 Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other _____
 Casing to be pulled: Yes No Estimated Depth: 1600
 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	6606	6610			

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	283	165	283	0	
1ST	7+7/8	4+1/2	11.6	6,776	250	6,776	5,498	

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6580 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 20 sks cmt from 5490 ft. to 5750 ft. Plug Type: CASING Plug Tagged:
Set 50 sks cmt from 1500 ft. to 1650 ft. Plug Type: STUB PLUG Plug Tagged:
Set 40 sks cmt from 800 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:
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 50 sacks half in. half out surface casing from 170 ft. to 330 ft. Plug Tagged:
Set 14 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:

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

Signed: _____ Print Name: Pauleen Tobin
Title: Engineer Tech Date: 8/2/2017 Email: pollyt@whiting.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: 8/15/2017

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 2/14/2018

COA Type	Description
	Note changes to submitted form. 1) Provide 48 hour notice of MIRU via electronic Form 42. 2) Stub plug: If casing is not pulled at 1600' as proposed, there still needs to be a plug between 3300' and 1500' to isolate below the Upper Pierre aquifer. Perf & squeeze, stub plug or in open hole depending on where casing is pulled. 3) Shoe plug: Tag plug 50' above surface casing shoe. 4) Surface plug: Cement from 50' to surface in casing and annulus. 5) Properly abandon flowlines per Rule 1103. File Form 42 when done. 6) Abandoned well marker shall be inscribed with the well's legal location, well name and number, and API Number (Rule 319.a.5).
	Bradenhead: Prior to initiation of plugging operations, a Bradenhead test shall be performed. Form 17 shall be submitted within 10 days. If there is 25 psi or greater pressure on the Bradenhead, or flowed any liquids from the Bradenhead, collect samples. See COGCC website - Operator Guidance - Bradenhead Testing and Reporting Instructions, Appendix A: Liquid and Gas Sampling.

Attachment Check List

Att Doc Num	Name
401318576	FORM 6 INTENT SUBMITTED
401354630	WELLBORE DIAGRAM
401354632	PROPOSED PLUGGING PROCEDURE
401362224	WELLBORE DIAGRAM

Total Attach: 4 Files

General Comments

User Group	Comment	Comment Date
Engineer	Plugging Procedure: <ul style="list-style-type: none"> • Moved D-Sand CIBP up from 6600' to 6580'. • Moved Niobrara plug up from 5775'-5512 to 5750'-5490'. • Added a plug at 900-800' to separate the bottom of the Fox Hills (at approx. 600') and the Upper Pierre aquifer (1110'-1330') developed in WW's in sections 10,11,12-T9N-R59W. 	08/15/2017
Permit	Attached wellbore diagram has been corrected. Permitting review complete.	08/02/2017
Permit	Returned to draft - Current wellbore diagram attachment is corrupt and will not open.	08/02/2017
Permit	Verified as-built GPS location on COGIS map. Per Form 2 Permit (Doc# 951249, 6/6/2000), this well was permitted to the J Sand. Form 5A Completed Interval Report (Doc# 878709, 10/2/2000) was approved for completion in the D Sand, with perfs from 6606-6610'. Verified Form 5 Drilling Completion Report Form 5 (Doc# 878708, 10/2/2000). Verified production reporting is current.	08/02/2017
Public Room	Document verification complete 08/01/17	08/01/2017

Total: 5 comment(s)