

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.

Document Number:
401593652

Date Received:
04/23/2018

OGCC Operator Number: 96155 Contact Name: Lauren McCaddon

Name of Operator: WHITING OIL & GAS CORPORATION Phone: (303) 4956760

Address: 1700 BROADWAY STE 2300 Fax: _____

City: DENVER State: CO Zip: 80290 Email: lauren.mccaddon@whiting.com

For "Intent" 24 hour notice required, Name: Schure, Kym Tel: (970) 520-3832

COGCC contact: Email: kym.schure@state.co.us

API Number 05-075-05069-00

Well Name: SCHRADER Well Number: J-15

Location: QtrQtr: NESE Section: 20 Township: 6N Range: 54W Meridian: 6

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

Field Name: MERINO Field Number: 54050

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.469320 Longitude: -103.427870

GPS Data:
Date of Measurement: 11/20/2013 PDOP Reading: 1.7 GPS Instrument Operator's Name: Darren Veal

Reason for Abandonment: Dry Production Sub-economic Mechanical Problems

Other Orphan well

Casing to be pulled: Yes No Estimated Depth: 3988

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	5084	5097			

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+1/2	10+3/4	32.75	166	120	166	0	
1ST	7+7/8	5+1/2	14	150	150	5,084	4,088	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 50 sks cmt from 5084 ft. to 4664 ft. Plug Type: CASING Plug Tagged:
 Set 50 sks cmt from 4038 ft. to 3888 ft. Plug Type: STUB PLUG Plug Tagged:
 Set 50 sks cmt from 800 ft. to 630 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 216 ft. to 116 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:

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

Signed: _____ Print Name: Lauren McCaddon
 Title: Engineering Technician Date: 4/23/2018 Email: lauren.mccaddon@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: 5/1/2018

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 10/31/2018

COA Type	Description
	Note changes to submitted form. 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. 4) Properly abandon flowlines per Rule 1103. File Form 42 when done.

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401593652	FORM 6 INTENT SUBMITTED
401594344	WELLBORE DIAGRAM
401594346	WELLBORE DIAGRAM
401594347	PROPOSED PLUGGING PROCEDURE
401594367	LOCATION PHOTO
401610291	OTHER
401616397	SURFACE OWNER CONSENT

Total Attach: 7 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Well Info: Proposal was to pull casing 100' above TOC (4088-100=3988'). Zones: Only J-Sand EOC 5084-5097. Casing: TOC 5.5" = 4088' CALC. To be confirmed by CBL per written procedure. Plugging: Stub plug: minimum is from 50' below casing cut to 100' above casing cut (3988+50=4038', 3988-100=3888'). Shoe Plug: minimum is 50' below surface casing to 50' above surface casing (166+50=216', 166-50=116'). Surface plug: minimum is 50' to surface = 15 sx.	04/30/2018
Permit	Passed permitting. Notification received, green card attached.	04/23/2018
Permit	Returned to draft need signed surface owner consent.	04/12/2018
Public Room	Pass	04/11/2018

Total: 4 comment(s)