

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:
401234196

Date Received:
03/27/2017

OGCC Operator Number: 96155 Contact Name: James Kopp

Name of Operator: WHITING OIL & GAS CORPORATION Phone: (303) 357-1410

Address: 1700 BROADWAY STE 2300 Fax: (303) 390-4292

City: DENVER State: CO Zip: 80290 Email: james.kopp@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 05-123-20077-00

Well Name: MADDY Well Number: 1-31

Location: QtrQtr: SESE Section: 31 Township: 10N Range: 57W Meridian: 6

County: WELD 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: 40.789665 Longitude: -103.786144

GPS Data:
Date of Measurement: _____ PDOP Reading: _____ GPS Instrument Operator's Name: _____

Reason for Abandonment: Dry Production Sub-economic Mechanical Problems

Other Re Enter/Re plug per the DJ Basin Horizontal Offset Policy

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

Total: 0 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+5/8	8+5/8	00	224	0	224	0	VISU

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth _____ with _____ 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 200 sks cmt from 5900 ft. to 5200 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 60 sks cmt from 900 ft. to 700 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:
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 92 sacks half in. half out surface casing from 300 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. of _____ inch casing Plugging Date: _____
*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:

APD's Requiring Maddy 1-31 Mitigation Work:
Cottonwood 07O pad (wells going north to Sec. 6)
Doc [#400715748] Well Name: Cottonwood 08E-0501
Doc [#400715751] Well Name: Cottonwood 08E-0502
Doc [#400715752] Well Name: Cottonwood 08E-0503
Razor 30G pad (wells going south to Sec 31)
Razor 30H pad (wells going south to Sec 31)
Razor 29E pad (wells going south to Sec 32)

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: 3/27/2017 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: 4/11/2017

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 10/10/2017

<u>COA Type</u>	<u>Description</u>
	1) Provide 48 hour notice of MIRU via electronic Form 42. 2) Tag proposed 200 sx cement plug from 5900-5200' at 5350' or shallower (100' above Niobrara top). If operator prefers he may set two separate plugs: 50 sks at 6150-6050' (above D-Sand) and 50 sks 5450-5350' (above Niobrara). 3) Properly abandon flowlines per Rule 1103. File Form 42 when done. 4) Abandoned well marker shall be inscribed with the well identification per Rule 319.a.5.
	Submit "as drilled" GPS data on Form 6 Subsequent Report of Abandonment. GPS data must meet the requirements of Rule 215.

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401234196	FORM 6 INTENT SUBMITTED
401234208	SURFACE OWNER CONSENT
401234210	PROPOSED PLUGGING PROCEDURE
401234211	WELLBORE DIAGRAM
401234214	WELLBORE DIAGRAM
401234219	LOCATION PHOTO
401244110	LOCATION PHOTO

Total Attach: 7 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	New site photos attached. No Form 5 was ever submitted. Emailed Operator to request Form 5. Form 6 Subsequent Abandonment Report and wellbore diagram was received (Doc# 904799, 1/17/2001). Permitting review complete.	03/28/2017
Permit	Returned to draft: - Incomplete site photos - must have a minimum of four color photos, one from each cardinal directions, and identified by date taken, well name, and direction of view. - Well file is missing any and all completion data (Form 5) which should have been provided by original operator Duncan Oil.	03/17/2017
Public Room	Document verification complete 07/21/16	03/16/2017

Total: 3 comment(s)