

FORM
6Rev
12/05

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

400506585

Date Received:

11/11/2013

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: 10110

Contact Name: Sam Bradley

Name of Operator: GREAT WESTERN OPERATING COMPANY LLC

Phone: (970) 686-8831

Address: 1801 BROADWAY #500

Fax: (866) 742-1784

City: DENVER State: CO Zip: 80202

Email: sbradley@gwogco.com

For "Intent" 24 hour notice required,

Name: JOHNSON, RANDELL

Tel: (303) 655-7472

COGCC contact:

Email: randell.johnson@state.co.us

API Number 05-001-07733-00

Well Name: CLYDE E. WILLIAMS JR.

Well Number: 2

Location: QtrQtr: SENE Section: 34 Township: 2S Range: 64W Meridian: 6

County: ADAMS

Federal, Indian or State Lease Number:

Field Name: RADAR

Field Number: 71300

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.834710

Longitude: -104.529245

GPS Data:

Date of Measurement: 04/02/2010

PDOP Reading: 2.3

GPS Instrument Operator's Name: David Metzler

Reason for Abandonment:

☐ Dry☒ Production for Sub-economic☐ Mechanical Problems☐ OtherCasing 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	7918	7944			
J SAND	8000	8014			

Total: 2 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	210	250	210	0	CALC
1ST	7+7/8	5+1/2	15.5 & 17	8,100	200	8,100	7,030	CALC
			Stage Tool	1,537	0	0	0	

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7800 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 _____ 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: ☐
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐

Perforate and squeeze at 1800 ft. with 60 sacks. Leave at least 100 ft. in casing 1750 CICR Depth

Perforate and squeeze at 600 ft. with 60 sacks. Leave at least 100 ft. in casing _____ CICR Depth

Perforate and squeeze at 260 ft. with 60 sacks. Leave at least 100 ft. in casing _____ CICR Depth

(Cast Iron Cement Retainer Depth)

Set _____ sacks half in. half out surface casing from _____ ft. to _____ ft. Plug Tagged: ☐

Set 10 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:

Will run CBL first to determine top of cement above the Niobrara and determine if cement was ever pumped through the DV tool @ 1537'. There is no record of cementing stage 2 through the DV tool upon original completion.

The attached plugging proposal assumes current top of cement is above the Niobrara, however, no coverage is present across the Fox Hills.

Commence P&A Operations. This well was originally drilled in November of 1980 as a D/J Sand producer. It has been shut in since September 2011 with rods stuck in the holes (see attached wellbore diagram). The previous Operator was working on repairing a rod/tubing issue when the rods were dropped in the hole. At that point they abandoned their repair efforts. The well was shut-in prior to being purchased by Great Western. This well was only marginal producer.

Great Western plan are to fish out rods & tubing, run a gyro survey, perform P&A work and remediate the concrete water pit.

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

Signed: _____ Print Name: Sam Bradley

Title: Operations Engineer Date: 11/11/2013 Email: sbradley@gwogco.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: BURN, DIANA Date: 12/4/2013

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 6/3/2014

<u>COA Type</u>	<u>Description</u>
	<p>1) Provide 24 hour notice of MIRU to Randell Johnson at 303-655-7472 or e-mail at Randell.Johnson@state.co.us.</p> <p>2) Run CBL to determine stage tool cementing, plugging procedures based on anticipated coverage of 800' through stage tool. If stage cement not present or TOC determined to be less than 800' contact COGCC engineering prior to proceeding.</p> <p>2) For 600'(400') plug: perforate casing, pump plug and displace, shut-in, WOC 4 hours and tag plug, tags must be at least as shallow as depth in parentheses. If 260' plug not circulated to surface, tag plug, must be 160' or shallower - place 10 sx at surface (inside and outside of casing). Leave at least 100' cement in the casing for each plug.</p> <p>3) Properly abandon flowlines as per Rule 1103.</p>

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400506585	FORM 6 INTENT SUBMITTED
400510449	WELLBORE DIAGRAM
400510451	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	no information in well file or in operator's file on stage tool cement - CBL to be run prior to plugging to verify proposed plugging procedure	12/4/2013 9:09:44 AM
Engineer	<p>LOCATION: SE1/4 OF NE1/4 OF SEC. 34, T.2s., R.64W. (1980 NSL, 660 ESL) LOCATION IS WITHIN THE LOST CREEK DESIGNATED GROUND WATER BASIN</p> <p>Ground Elevation: 5378 Number of Acres: 0</p> <p>ELEVATION DEPTH TO ANNUAL ----- NET ----- APPROP STATUS AQUIFER BOT. TOP SAND BOT. TOP A-F -----</p> <p>UPPER DAWSON ---- - - - - - LOWER DAWSON ---- - - - - - DENVER 4893 5291 133.8 485 87 0.00 NNT UPPER ARAPAHOE 4632 4863 141.0 746 515 0.00 NT LOWER ARAPAHOE 4360 4557 61.5 1018 821 0.00 NT LARAMIE-FOX HILLS 3738 4010 158.8 1640 1368 0.00 NT</p>	12/4/2013 9:07:51 AM
Permit	Form 1A approved for S. Bradley. Old style comp. rept. #360236 sub. 9/1981 meets form 5/5A requirements.	12/3/2013 3:51:19 PM
Permit	Sam Bradley is not designated agent for operator. Req'd form 1A. Added comments from sundry #400506077.	11/11/2013 2:50:20 PM

Total: 4 comment(s)