

FORM
6
Rev
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: 400529810			
Date Received: 01/09/2014			

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: MONTOYA, JOHN Tel: (970) 3974124
COGCC contact: Email: john.montoya@state.co.us

API Number 05-123-09996-00 Well Number: 1
 Well Name: ERICA
 Location: QtrQtr: NWNW Section: 34 Township: 2N Range: 66W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: _____
 Field Name: WATTENBERG Field Number: 90750

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.098967 Longitude: -104.769127
 GPS Data:
 Date of Measurement: 04/06/2010 PDOP Reading: 2.5 GPS Instrument Operator's Name: David Metzler
 Reason for Abandonment: Dry Production for 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: Hole in 4-1/2" casing at ~ 1,100'. Will evaluate with CBL and do a packer isolation test if necessary. We will cover the entire section using a balanced cement plug and squeeze.

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
J SAND	7925	7971			

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
1ST	12+1/4	8+5/8	24	200	200	200	0	CALC
2ND	7+7/8	4+1/2	10.5/11.6	8,118	250	8,118	6,810	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7100 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 30 sks cmt from 7825 ft. to 7971 ft. Plug Type: CASING Plug Tagged:

Set 150 sks cmt from 740 ft. to 1200 ft. Plug Type: CASING Plug Tagged:

Set 50 sks cmt from 150 ft. to 350 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:

Perforate and squeeze at 4750 ft. with 70 sacks. Leave at least 100 ft. in casing 4700 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 _____ 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:

Encana is drilling the McConhay horizontal Pad (McConhay 4B-34H-P266, McConhay 4A-34H-P266, McConhay 4C-34H-P266), beginning with the first well on the Pad on 01/30/2014. API numbers in corresponding order are, 05-123-7972, 05-123-7976, and 05-123-37975. Encana requested a Gyro on the Erica #1 well, and when we (Great Western Operating Company) performed the Gyro, we discovered a production packer and hole in the 4-1/2" casing at ~1,100'. We were able to remove the packer and ran the Gyro through tubing down to TD. We then attempted to run a CBL to verify Niobrara and Fox Hills cement coverage. We were able to verify the Niobrara coverage (CBL attached), however, the hole would not stand full of fluid as the J-Sand perforations were open. Subsequently, we were unable to run a CBL to verify the Fox Hills coverage. As the well can not justify the expense of fixing the casing leak, the decision was made to rig down and submit plugging orders.

Our plans are to squeeze the J-Sand perforations with cement so the hole will stand full and CBL the Fox Hills. We will then isolate the Sussex and shallow aquifers as needed. Encana plans to Frac the McConhay well in February, so we hope to complete this work prior to their Frac.

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: 1/9/2014 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: SCHLAGENHAUF, MARK Date: 1/31/2014

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 7/30/2014

<u>COA Type</u>	<u>Description</u>
	<p>Note change in plugging procedure:</p> <ol style="list-style-type: none"> 1) Submit Form 42 electronically to COGCC 48 hours prior to MIRU. 2) Add CIBP @7100' with 2 sacks cement on top. 3) Change plug depth from proposed (1200' to 900') to 1200' to 740' to cover DV tool @791'. Adjust cement volumes accordingly. Pump plug and displace, wait 4 hours and tag plug. 4) Perforate @ 350' and pump 50 sacks to isolate Arapahoe and Fox Hills aquifers. If surface casing plug not circulated to surface then tag plug – must be 150' or shallower and provide 10 sx plug at the surface. Leave at least 100' cement in the casing for each plug. 5) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete. 6) Provide an "As Plugged" wellbore diagram identifying the specific plugging completed.

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400529810	FORM 6 INTENT SUBMITTED
400530019	WELLBORE DIAGRAM
400536878	WELLBORE DIAGRAM
400536879	CEMENT BOND LOG
400536943	WELL ABANDONMENT REPORT (INTENT)

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)