

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:

400697830

Date Received:

09/29/2014

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: 100185

Contact Name: Chris McRickard

Name of Operator: ENCANA OIL & GAS (USA) INC

Phone: (720) 876-5586

Address: 370 17TH ST STE 1700

Fax: (720) 876-6584

City: DENVER State: CO Zip: 80202-

Email: chris.mcrickard@encana.com

For "Intent" 24 hour notice required,

Name: Montoya, John

Tel: (970) 3974124

COGCC contact:

Email: john.montoya@state.co.us

API Number 05-123-20456-00

Well Name: EWING

Well Number: 13-30

Location: QtrQtr: NWSW Section: 30 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: 40.107277

Longitude: -104.828180

GPS Data:

Date of Measurement: 06/04/2009

PDOP Reading: 1.5

GPS Instrument Operator's Name: PLinderholm

Reason for Abandonment: ☐ Dry ☒ Production for Sub-economic ☐ Mechanical Problems☐ OtherCasing to be pulled: ☐ Yes ☒ No Estimated Depth: 8053Fish in Hole: ☐ Yes ☒ No If yes, explain details belowWellbore 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	7893	7951	10/20/2014	B PLUG CEMENT TOP	7830

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	773	366	773	0	CALC
1ST	7+7/8	4+1/2	11.6	8,053	276	8,053	6,340	CBL
			Stage Tool	5,134	384	5,134	3,657	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7830 with 8 sacks cmt on top. CIBP #2: Depth 840 with 265 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 10 sks cmt from 5084 ft. to 5184 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: ☐
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 830 ft. with 265 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 _____ sacks half in. half out surface casing from _____ ft. to _____ 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:

See attached Proposed Plugging Procedure (Also attached). Intent to perform operations on 10/20/2014.

Objective:

Pull tubing, set CIBP above J Sand and cement, set CIBP below surface shoe and shoot squeeze holes, cement the casing and annulus to surface.

Procedure:

1. Submit COGCC Form 42, 48 hours prior to MIRU.
2. Hold a pre-job safety meeting. Discuss all aspects of the procedure with any involved personnel. Identify and address any safety concerns before the job begins.
3. RU slick line and gyro well. RD
4. MIRU pulling unit. Kill well with produced water.
5. ND wellhead, NU BOP.
6. Pull production tools and tubing.
7. RU E-line.
8. RIH and set CIBP #1 @ 7830' (~ 50' above J Sand top perforation). Ensure that CIBP is set in the middle of the joint of casing.
9. Dump bail 8 sxs of Class G Neat cement on top of CIBP (100' of cement).
- 9a. Add 10 sxs balanced plug across from DV tool (5184'-5084').
10. RIH and set CIBP #2 @ 840'. Ensure that CIBP is set in the middle of the joint of casing.
11. RIH with wireline and shoot four squeeze holes at 830'. POOH and ensure all shots were fired.
12. Establish injection through squeeze holes.
13. Pump 265 sxs of Class G Neat cement (includes 10% excess) in 4-1/2" casing to surface AND into 8-5/8" by 4-1/2" annulus to surface.
14. WOC for at least 4 hours and top off casing and annulus with cement as necessary.
15. ND BOP, RDMO pulling unit.
16. Cut off casing 4' below ground level.
17. Weld on metal plate and dry hole marker.
18. Restore surface location.
19. Ensure all cement tickets are mailed or emailed to the Denver office for subsequent reporting.

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

Signed: _____ Print Name: Chris McRickard
Title: Regulatory Analyst Date: 9/29/2014 Email: chris.mcrickard@encana.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: 10/17/2014

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 4/16/2015

<u>COA Type</u>	<u>Description</u>
	Note change in plugging procedure: 1) Submit Form 42 electronically to COGCC 48 hours prior to MIRU. 2) Add 10 sxs balanced plug across from DV tool @ approximately 5134'. 3) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete. 4) Please submit gyro survey data with Form 6 (s) Subsequent Report of Abandonment.

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400697830	FORM 6 INTENT SUBMITTED
400697837	PROPOSED PLUGGING PROCEDURE
400697838	WELLBORE DIAGRAM
400697839	WELLBORE DIAGRAM

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Well Completion Report dated 11/19/2002.	10/14/2014 10:36:39 AM

Total: 1 comment(s)