

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:

400708522

Date Received:

10/15/2014

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: AMY HENLINE

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

Phone: (720) 876-3364

Address: 370 17TH ST STE 1700

Fax:

City: DENVER State: CO Zip: 80202-

Email: AMY.HENLINE@ENCANA.COM

For "Intent" 24 hour notice required,

Name: Conklin, Curtis

Tel: (970) 986-7314

COGCC contact:

Email: curtis.conklin@state.co.us

API Number 05-077-08379-00

Well Name: C H FOUR LTD

Well Number: 1 (PL23NE)

Location: QtrQtr: SWNE Section: 23 Township: 9S Range: 95W Meridian: 6

County: MESA

Federal, Indian or State Lease Number: 35379

Field Name: BUZZARD

Field Number: 9495

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.265880

Longitude: -107.958440

GPS Data:

Date of Measurement: 08/15/2006

PDOP Reading: 1.9

GPS Instrument Operator's Name: John Vasey

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
MESAVERDE	4928	4980			

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	327	220	327	0	CALC
1ST	7+7/8	5+1/2	17	6,426	0	0	0	

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 10 sks cmt from 4878 ft. to 4792 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 _____ ft. with 50 sacks. Leave at least 100 ft. in casing 4878 CICR Depth

Perforate and squeeze at 3350 ft. with 30 sacks. Leave at least 100 ft. in casing _____ CICR Depth

Perforate and squeeze at 427 ft. with 15 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 30 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 requests approval to plug & abandon the subject well. Please see the attached proposed plugging procedures and wellbore diagrams (current & proposed).

Contact Information:
Lannie Massey
P&A Field Coordinator
Encana Services Company Ltd.
970-675-4477 (office)
970-629-8733 (cell)
lannie.massey@encana.com

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

Signed: _____ Print Name: AMY HENLINE

Title: REGULATORY ANALYST Date: 10/15/2014 Email: AMY.HENLINE@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: BURGER, CRAIG Date: 10/22/2014

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 4/21/2015

<u>COA Type</u>	<u>Description</u>
	<p>1) Pressure test casing after step #8 in attached procedure. Report test results to COGCC engineer. Report bradenhead pressure to COGCC engineer prior to rigging up and after setting plug in COA#2.</p> <p>2) Plug added: perforate and squeeze at 3350' with minimum 30 sxs to provide cement coverage above the top of the Ohio Creek formation. Tag plug unless squeeze is pumped below a CICR.</p> <p>3) Increase the coverage of the surface shoe plug to 100' below shoe due to historic high bradenhead pressure. Adjust cement as needed to provide plug in annulus and casing from 427' to 227'. Tag plug at 227'.</p> <p>4) Provide 48 hour notice of plugging MIRU via electronic Form 42.</p> <p>5) Properly abandon flowlines per Rule 1103. File electronic Form 42 when flowline abandonment is complete.</p>

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400708522	FORM 6 INTENT SUBMITTED
400708531	PROPOSED PLUGGING PROCEDURE
400708533	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Bradenhead pressure of 1650 reported in 1992 (doc#507156). Revised plugging procedure to match attached procedure and revisions. Changed surface shoe perforation depth to 427'.	10/21/2014 1:13:01 PM
Permit	Passes Permitting. Form 5, 5A are 507163. No CBL in electronic well file.	10/16/2014 8:44:02 AM

Total: 2 comment(s)