

FORM
6Rev
12/05State 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:

400334547

Date Received:

10/09/2012

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: JEREMY FRASER

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

Phone: (720) 876-3061

Address: 370 17TH ST STE 1700

Fax: (720) 876-4061

City: DENVER State: CO Zip: 80202-

Email: jeremy.fraser@encana.com

For "Intent" 24 hour notice required,

Name: EDELEN, RANDY

Tel: (970) 520-2531

COGCC contact:

Email: randy.edelen@state.co.us

API Number 05-123-10307-00

Well Name: DOWDY

Well Number: 2

Location: QtrQtr: SESE Section: 10 Township: 2N Range: 65W 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: 40.148656

Longitude: -104.644379

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☒ Other WELL IS WITHIN 200' OF TWO PROPOSED HORIZONTALCasing to be pulled: ☐ Yes ☒ No Estimated Depth:Fish 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
CODELL	7132	7150			
J SAND	7610	7625			

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	217	160	217	0	CALC
1ST	7+7/8	4+1/2	11.6	7,720	250	7,720	6,730	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7560 with 4 sacks cmt on top. CIBP #2: Depth 7080 with 4 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 60 sks cmt from 720 ft. to 0 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 3920 ft. with 200 sacks. Leave at least 100 ft. in casing 3870 CICR Depth

Perforate and squeeze at 770 ft. with 200 sacks. Leave at least 100 ft. in casing 720 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:

PxA Procedure

1. Per COGCC requirements, provide 48 hour notice of MIRU to Mike Hickey at 970-302-1024 or e-mail at Mike.Hickey@state.co.us.
2. Hold pre-job safety meeting. Identify any safety concerns and discuss prior to beginning job.
3. MIRU pulling unit. Blow down well.
4. POOH w/ tubing and plunger.
5. MIRU wireline crew. MIRU cementers.
6. PU 10K CIBP and set @ 7100' (32' above Codell Perfs). Spot cement plug on CIBP to 7050' (4 sxs – 50' fill)
7. RIH w/ squeeze guns. Shoot 4 squeeze holes at 3920'.
8. RIH w/ tubing and cement retainer. Set retainer at 3870'. Sting into retainer. Pump 200 sxs (volume of 1000' annular fill). Sting out of retainer and spot 1 bbl cement plug on top of retainer.
9. POOH w/ tubing.
10. Spot cement from 775' to surface and WOC (60 sxs).
11. Pick up 1-1/4" tubing (1st joint should have angled pin end). Lower into well and tag top of anjel.
12. Pump cement until cement at surface.
13. Cut off casing 4' below ground level and weld on plate. (NOTE: Follow OSHA trenching rules and shoring guidelines to cut casing).
14. Remove surface equipment and abandon flowlines as per Rule 1103.

Cement Detail:

Class G Neat: 15.8 ppg / 1.15 cu ft/sk

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

Signed: _____ Print Name: JENNIFER LIND

Title: REGULATORY ANALYST Date: 10/9/2012 Email: JENNIFER.LIND@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: HOLLINSHEAD, RYAN

Date: 10/11/2012

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 4/10/2013

- 1) Provide 48 hour notice of MIRU to Randy Edelen at (970) 520-2531.
- 2) Provide an "As Plugged" wellbore diagram identifying the specific plugging completed.
- 3) Because of the performance history of angel, these plugging orders were drafted as though the angel does not provide an adequate hydraulic seal and cement can and must be circulated past it to provide isolation both in the casing and in the annulus from 770' to surface. If circulation cannot be established, the following is an acceptable alternative to the plugs identified from 770' to surface. Perforate casing at 750' and 850' and pump a 40 sx plug through a CICR set at 800'. Pump cement from 800' to surface in the casing. Run in the annulus with tubing and tag the top of the angel. Cement from the top of the angel to surface. If alternative orders are desired, please contact Ryan Hollinshead at 303-894-2100 x5134 at least 7 days prior to MIRU.
- 4) Any cement volumes provided in the Plugging Procedures shall be considered approximate and are for informational purposes only. Actual plugs shall be set to cover the full extent of the depths identified and cement volumes shall be adjusted accordingly to provide this required coverage.
- 5) Properly abandon flowlines as per Rule 1103.
- 6) See plugging changes above.

Attachment Check List

Att Doc Num	Name
400334547	FORM 6 INTENT SUBMITTED
400334570	WELLBORE DIAGRAM
400334571	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Well completion reports dated 10/07/1981 & 11/18/1992.	10/9/2012 12:00:53 PM

Total: 1 comment(s)