

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:

400335208

Date Received:

## 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: RUTHANN MORSS

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

Phone: (720) 876-5060

Address: 370 17TH ST STE 1700

Fax: (720) 876-6060

City: DENVER State: CO Zip: 80202-

Email: RUTHANN.MORSS@ENCANA.COM

For "Intent" 24 hour notice required,

Name: \_\_\_\_\_ Tel: \_\_\_\_\_

COGCC contact:

Email: \_\_\_\_\_

API Number 05-045-06673-00

Well Name: FEDERAL

Well Number: D-16-7-94-S

Location: QtrQtr: NWNW Section: 16 Township: 7S Range: 94W Meridian: 6

County: GARFIELD

Federal, Indian or State Lease Number: 12845

Field Name: RULISON

Field Number: 75400

☐ Notice of Intent to Abandon☒ Subsequent Report of Abandonment

## Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.444430

Longitude: -107.896240

GPS Data:

Date of Measurement: 07/17/2006

PDOP Reading: 2.6

GPS Instrument Operator's Name: John Vasey

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 belowWellbore has Uncemented Casing leaks: ☐ Yes ☐ No If yes, explain details below

Details: \_\_\_\_\_

## Current and Previously Abandoned Zones

Formation	Code	Perf. Top	Perf. Bottom	Date	Method of Isolation	Plug Depth

Total: 0 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	9+5/8	36	1,003	310	1,003	0	VISU
1ST	8+3/4	7	23	5,373	200	5,373	3,700	CALC
2ND	6+1/4	4+1/2	11.6	9,161	345	9,161	7,058	CALC

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6090 with 4 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 5423 ft. with 100 sacks. Leave at least 100 ft. in casing 5323 CICR Depth  
Perforate and squeeze at 5313 ft. with 300 sacks. Leave at least 100 ft. in casing 5263 CICR Depth  
Perforate and squeeze at 1053 ft. with 352 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: 10/03/2012

\*Wireline Contractor: MESA WIRELINE

\*Cementing Contractor: HALLIBURTON

Type of Cement and Additives Used: G NEAT WITH FLUID LOSS ADDITIVES

Flowline/Pipeline has been abandoned per Rule 1103 ☐ Yes ☐ No

\*ATTACH JOB SUMMARY

Technical Detail/Comments:

The Federal D16-7-94-S was P&A'd as follows:

1. RIH with gauge ring to CBP @ 6090'. Pressure tested casing to 500 psi, held for 15 min, good. Dumped 4 sacks cement on top of CBP.
2. Tagged cement with tubing @ 6027'. Pumped 15 bbls 10.3# mud down tubing. Mud was spotted from 6027'-5423' in 4 1/2" casing.
3. Perfed 4 spf @ 5423'. Pumped 60 bbls fresh water without any circulation back up 7" casing. Set retainer @ 5323'. Established injection rate
4. Pumped 100 sacks 15.8# G Neat cement with fluid loss additives. Ran CBL from 5323' - 4300'. No indication of cement between 4 1/2" and 7" casing.
5. Perfed 4 spf @ 5313'. Established injection rate. Set retainer @ 5263'. Pressure tested to 5000 psi, good. Established injection rate.
6. Pumped 300 sacks 15.8# G neat cement with fluid loss additives. Tagged TOC with logging tools @ 4800' (463' on top of retainer). Logged from 4800' - 1900'. Log showed TOC in 7" casing @ 2410'.
7. Loaded hole with 70 bbls 9.3# mud. Perfed 4 spf @ 1053'. Pressure tested to 4500 psi, good. Established injection rate. Pumped 352 sacks G Neat 15.8# cement down 4 1/2" and up the 7" and 9 5/8" casing to surface.
8. Dug out around wellhead, cut off wellhead 4' below ground level.
9. Welded on marker plate leaving a weep hole.
10. Well plugged and abandoned 10-3-12.

Hardcopy CBLs are being mailed 10-11-12.

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

Signed: \_\_\_\_\_

Print Name: RUTHANN MORSS

Title: REGULATORY ANALYST

Date: \_\_\_\_\_

Email: ruthann.morss@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: \_\_\_\_\_

Date: \_\_\_\_\_

**CONDITIONS OF APPROVAL, IF ANY:**

--

**Attachment Check List**

Att Doc Num	Name
400335276	WELLBORE DIAGRAM
400335685	WIRELINE JOB SUMMARY
400335686	CEMENT JOB SUMMARY
400335689	CEMENT JOB SUMMARY
400335691	CEMENT JOB SUMMARY

Total Attach: 5 Files

**General Comments**

**User Group**      **Comment**      **Comment Date**

--	--	--

Total: 0 comment(s)