

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:

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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: AMY HENLINE

Name of Operator: ENCANA OIL &amp; 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: Waldron, Emily

Tel: (970) 819-9609

COGCC contact:

Email: emily.waldron@state.co.us

API Number 05-103-08250-00

Well Name: FEDERAL

Well Number: N-36-2-101-S

Location: QtrQtr: SESW Section: 36 Township: 2S Range: 101W Meridian: 6

County: RIO BLANCO

Federal, Indian or State Lease Number: 44439

Field Name: CATHEDRAL

Field Number: 10330

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

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

Latitude: 39.827094

Longitude: -108.684231

GPS Data:

Date of Measurement: 02/19/2007

PDOP Reading: 4.7

GPS Instrument Operator's Name: BRIAN BAKER

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:

## Current and Previously Abandoned Zones

| Formation  | Perf. Top | Perf. Btm | Abandoned Date | Method of Isolation | Plug Depth |
|------------|-----------|-----------|----------------|---------------------|------------|
| CASTLEGATE | 1220      | 1228      |                |                     |            |
| EMERY      | 2397      | 2680      | 12/30/1994     | BRIDGE PLUG         | 2300       |

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        | 9+5/8        | 7              | 23              | 250           | 40           | 255        | 0          | VISU   |
| 1ST         | 6+1/4        | 4+1/2          | 11.6            | 2,854         | 90           | 2,854      | 980        | CBL    |

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 2300 with 15 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 20 sks cmt from 1278 ft. to 1170 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 300 ft. with 55 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:

The Federal N-36-2-101-S is a vertical well drilled in August 12, 1978, and completed in the Mancos B. An attempt was made to drill out the CIBP isolating the Mancos B from the Mancos A to down hole commingle & produce both formations. During the operations a bradenhead failure was noted & repair costs no longer make this well economical to produce. Verbal approval was granted by Jay Krabacher to proceed with plugging operations (see attached correspondence).

Encana requests approval to plug & abandon the subject well. Please see the attached proposed plugging procedures and wellbore diagram.

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

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

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

### **Attachment Check List**

**Att Doc Num**

**Name**

|           |                             |
|-----------|-----------------------------|
| 400641582 | WELLBORE DIAGRAM            |
| 400641583 | PROPOSED PLUGGING PROCEDURE |
| 400641585 | OTHER                       |

Total Attach: 3 Files

### **General Comments**

**User Group**

**Comment**

**Comment Date**

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Total: 0 comment(s)