

**FORM**  
**6**  
Rev  
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



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Document Number:  
400315605

Date Received:  
08/14/2012

**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: Judith Walter  
 Name of Operator: ENCANA OIL & GAS (USA) INC Phone: (720) 876-3702  
 Address: 370 17TH ST STE 1700 Fax: (720) 876-4702  
 City: DENVER State: CO Zip: 80202- Email: jduith.walter@encana.com

**For "Intent" 24 hour notice required,** Name: \_\_\_\_\_ Tel: \_\_\_\_\_  
 COGCC contact: Email: \_\_\_\_\_

API Number 05-103-08816-00 Well Number: 9-14  
 Well Name: FEDERAL  
 Location: QtrQtr: SESW Section: 9 Township: 4S Range: 102W Meridian: 6  
 County: RIO BLANCO Federal, Indian or State Lease Number: 47925  
 Field Name: THUNDER Field Number: 81925

Notice of Intent to Abandon  Subsequent Report of Abandonment

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

Latitude: 39.709988 Longitude: -108.850081  
 GPS Data:  
 Date of Measurement: 03/28/2007 PDOP Reading: 2.5 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: 3830  
 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	Code	Perf. Top	Perf. Bottom	Date	Method of Isolation	Plug Depth
DAKOTA	DKTA	5609	5776	07/20/2012	B PLUG CEMENT TOP	

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	13	9+5/8	32.3	210	175	210	0	VISU
1ST	8+3/4	7	20	2,423	350	2,423	0	VISU
2ND	6+1/4	4+1/2	11.6	6,000	175	6,000	4,600	CALC

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 5559 with 3 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 35 sks cmt from 3900 ft. to 3830 ft. Plug Type: STUB PLUG 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 260 ft. with 30 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 30 sacks half in. half out surface casing from 2480 ft. to 2357 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: 3830 ft. of 4+1/2 inch casing Plugging Date: 07/20/2012  
 \*Wireline Contractor: Magna Energy Services, LLC \*Cementing Contractor: Magna Energy Services, LLC  
 Type of Cement and Additives Used: All cement is 15.8# Class G neat cement  
 Flowline/Pipeline has been abandoned per Rule 1103  Yes  No \*ATTACH JOB SUMMARY

Technical Detail/Comments:

Flowline/Pipeline will be abandoned per Rule 1103.

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

Signed: \_\_\_\_\_ Print Name: Judith Walter  
 Title: Regulatory Analyst Date: 8/14/2012 Email: jduith.walter@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
400315605	FORM 6 SUBMITTED
400315607	WELLBORE DIAGRAM
400315619	CEMENT JOB SUMMARY

Total Attach: 3 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)

**Magna Energy Services, LLC**  
**17509 County Road 14,**  
**Ft. Morgan, Colorado 80701**  
**(970)-867-9007 or (970)-867-8374 (Fax)**

**Job Log**

Date: 7-20-12

Operator: EnCana Oil and Gas  
API #: 05-103-08816  
Well name: Thunder Fed 9-14  
Location: Rio Blanco, Colorado  
Legals: Section 9, 4 South, 102 West  
AFE #:

MIRU, NDWH, NUBOP, Pulled on tubing to release, TOH  
RU wireline, TIH with gauge ring to 5,600', TOH  
PU CIBP, TIH and set at 5,559', Dump bailed 2.75 sxs (50'), fluid at 3,800'  
Pressure test, Pressure did not hold, TIH with packer and set at 3,830'  
Pressure test casing from 3,830' to 5,559', Casing held 500 psi for fifteen minutes  
TOH, RU wireline, TIH and cut casing at 3,830', TOH, RD wireline, NDBOP, RU casing equipment  
TOH casing, NUBOP, TIH to 3,900' inside casing stub, Pumped 35 sxs inside casing stub and in open hole  
(70' in 4-1/2" casing, 154' in 6-1/4" open hole), TOH and WOC  
TIH, tag TOC at 3,746', TOH to 2,480', pumped 30 sxs (150') into 7" and 6-1/4" open hole, TOH and WOC  
TIH, tag TOC at 2,357.57', TOH, RU wireline, TIH and perf at 260', TOH, RD wireline  
Circulated well with 6 bbl. NDBOP, Pumped 30 sxs into 7" and 9-5/8" casing to surface  
Dug out and cut of well head, Top filled cement in casing, Welded info cap on casing, Backfilled pit  
RDMO

\*\*\* All cement is 15.8# Class "G" neat cement \*\*\*

Cementing contractor: Magna Energy Services, LLC  
Cementing contractor supervisor: Jeremy Rose  
Operator supervisor: Brent Huckins  
BLM Representative: Steve Halcomb, Justin Wilson  
Wireline contractor: Magna Energy Services, LLC

**Well Name:** Federal 9-14

**API #:** 05103088160000

**Location:** Sec. 9-4S-102W

**KB:** 6,873' (10' AGL)

**GL:** 6,863'

**County/St:** Rio Blanco, CO

**Created By:** B. Hoyer

**P&A Date:** 7/20/2012

**Date:** 8/8/2012

**Actual P&A'd Wellbore**

