

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



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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 Name: FEDERAL

Well Number: 9-14

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. 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 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

