

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:

400425078

Date Received:

05/28/2013

## 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 &amp; GAS (USA) INC

Phone: (720) 876-3702

Address: 370 17TH ST STE 1700

Fax: (720) 876-4702

City: DENVER State: CO Zip: 80202-

Email: judith.walter@encana.com

For "Intent" 24 hour notice required,

Name: BROWNING, CHUCK

Tel: (970) 433-4139

COGCC contact:

Email: chuck.browning@state.co.us

API Number 05-103-09980-00

Well Name: LOWER HORSE DRAW

Well Number: 2254

Location: QtrQtr: NESW Section: 26 Township: 2S Range: 103W Meridian: 6

County: RIO BLANCO

Federal, Indian or State Lease Number: C096A

Field Name: LOWER HORSE DRAW

Field Number: 52050

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

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

Latitude: 39.843742

Longitude: -108.926801

GPS Data:

Date of Measurement: 01/29/2007

PDOP Reading: 3.4

GPS Instrument Operator's Name: GREG OLSEN

Reason for Abandonment: ☐ Dry ☒ Production for Sub-economic ☐ Mechanical Problems☐ OtherCasing 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
MANCOS A	1525	1544			

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	12+1/4	8+5/8	24	226	165	226	0	CALC
1ST	7+7/8	5+1/2	15.5	1,525	260	1,525	0	CALC
OPEN HOLE	7+7/8			1,544				

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth \_\_\_\_\_ with \_\_\_\_\_ 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 12 sks cmt from 1544 ft. to 1475 ft. Plug Type: CASING Plug Tagged: ☒  
Set 25 sks cmt from 276 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: ☐

Perforate and squeeze at 276 ft. with 5 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:

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: 5/28/2013 Email: judith.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: KRABACHER, JAY Date: 7/3/2013

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

Expiration Date: 1/2/2014

### **Attachment Check List**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
400425078	FORM 6 INTENT SUBMITTED
400425079	PROPOSED PLUGGING PROCEDURE
400425082	WELLBORE DIAGRAM
400425083	WELL ABANDONMENT REPORT (INTENT)

Total Attach: 4 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Pass Permit portion.	6/10/2013 12:44:35 PM

Total: 1 comment(s)

## **P&A Procedure for the Lwr Horse Draw Un 2254**

26-2S-106W Rio Blanco County, Colo

8 5/8" 24# @ 226' TOC at Surface

5 1/2" 15.5# @ 1,525' TOC at Surface

Tubing: 2 7/8" at 1,514'

Perfs: Open hole TD 1,544'

MIRU

NDWH, NUBOP

POH with tubing to check

RIH open ended to TD

Spot 12 sxs cement from TD to +/- 1,475' (12 sx is 100' in 5.5" csg)

Roll hole with produced water

Pressure test casing, if it fails call for orders

POH

Perforate 50' below the base of surface at 276'

NDBOP

Attempt to pump cement into perfs, if possible, circulate cement to surface (5 sxs is 276' in annulus)

If cement isn't circulated to surface,

Cement to surface (25 sxs is 276' in 5.5" csg)

Cut off wellhead

Add cement if necessary

Weld a plate with well information, RDMO

All cement is 15.8# class G neat with a 1.15 cuft/sack yield

**Well Name:** Lower Horse Draw Unit 2254

**API #:** 05-103-09980-0000

**Location:** Sec. 26-2S-103W

**KB:**

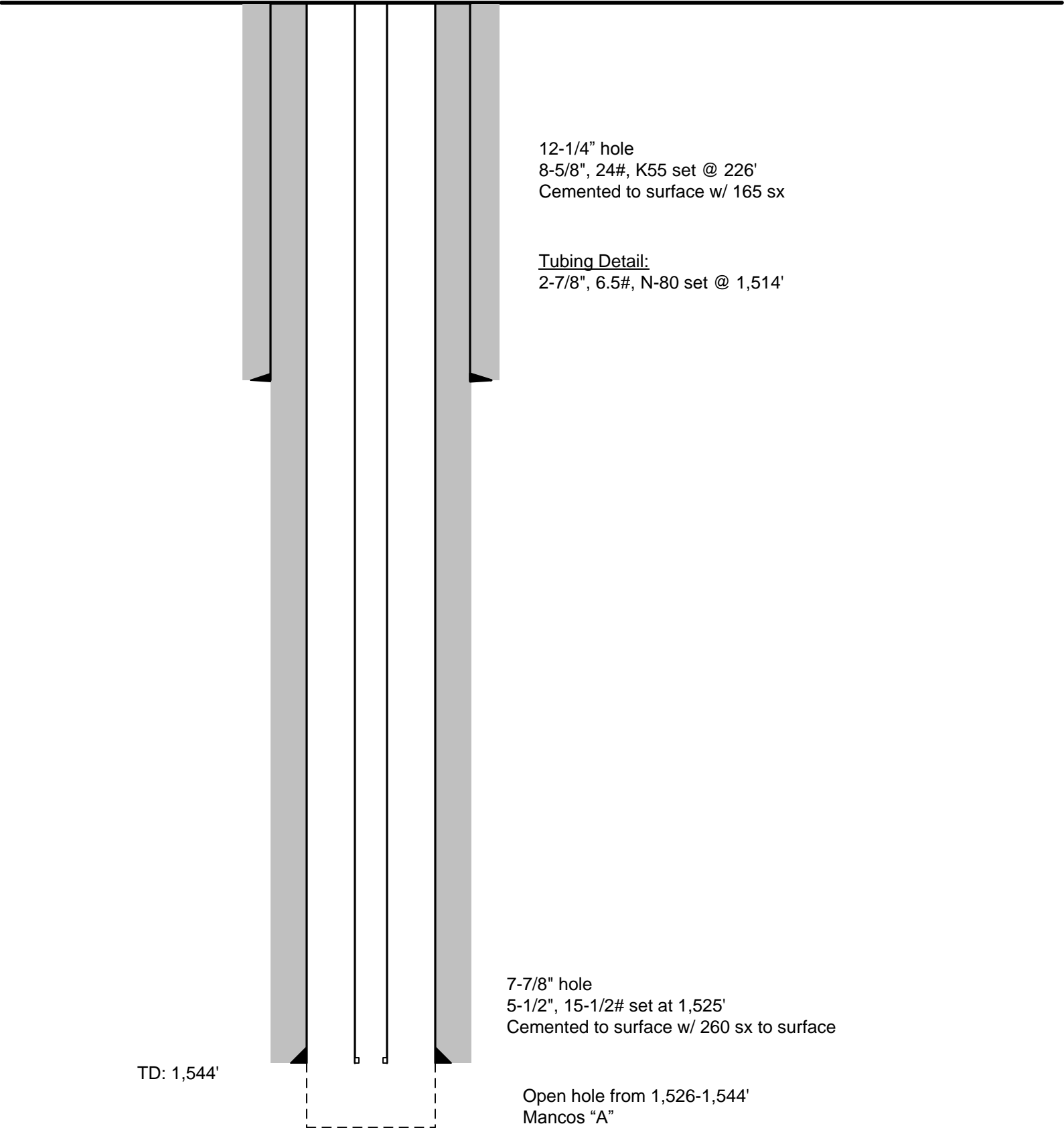
**GL:** 6,885'

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

**Created By:** B. Hoyer

**Date:** 05/21/2013

**Current Wellbore**



**Well Name:** Lower Horse Draw Unit 2254

**API #:** 05-103-09980-0000

**Location:** Sec. 26-2S-103W

**KB:**

**GL:** 6,885'

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

**Created By:** B. Hoyer

**Date:** 05/21/2013

**Proposed Wellbore**

