

**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



DE	ET	OE	ES
Document Number: 400522394			
Date Received: 12/05/2013			

**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: AMY HENLINE  
 Name of Operator: ENCANA OIL & 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: BROWNING, CHUCK Tel: (970) 433-4139  
**COGCC contact:** Email: chuck.browning@state.co.us

API Number 05-077-08683-00 Well Number: 8-8  
 Well Name: DEBEQUE  
 Location: QtrQtr: SENE Section: 8 Township: 9S Range: 97W Meridian: 6  
 County: MESA Federal, Indian or State Lease Number: 36060  
 Field Name: SHIRE GULCH Field Number: 77450

Notice of Intent to Abandon  Subsequent Report of Abandonment

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

Latitude: 39.290965 Longitude: -108.235172  
 GPS Data:  
 Date of Measurement: 03/29/2007 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: \_\_\_\_\_  
 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
COZZETTE	2934	3056			
CORCORAN	3014	3193			

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	12+1/4	8+5/8	24	656	366	656	0	VISU
1ST	7+7/8	4+1/2	11.6	3,293	705	3,293	2,000	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth \_\_\_\_\_ with \_\_\_\_\_ 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 30 sks cmt from 3224 ft. to 2884 ft. Plug Type: CASING Plug Tagged:   
 Set 35 sks cmt from 706 ft. to 606 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 706 ft. with 35 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 35 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:

Please see the attached plugging procedure along with the current and proposed wellbore diagrams.  
 Contact Information: Tyler Thyfault, Production Engineer, Encana Oil & Gas (USA) Inc., 720-876-3154 (office), 720-470-2022 (cell),  
 tyler.thyfault@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: PERMITTING ANALYST Date: 12/5/2013 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: KRABACHER, JAY Date: 12/10/2013

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_ Expiration Date: 6/9/2014

<u>COA Type</u>	<u>Description</u>

## Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400522394	FORM 6 INTENT SUBMITTED
400522413	WELLBORE DIAGRAM
400522416	WELLBORE DIAGRAM
400522419	PROPOSED PLUGGING PROCEDURE

Total Attach: 4 Files

## General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Passes Permitting: Completion Report is doc 473206.	12/6/2013 8:19:05 AM

Total: 1 comment(s)

# encana™



## **Debeque 08-08**

**SE/NE Section 8, 9S, 97W**

**Federal Lease # 36060**

**Mesa County, Colorado**

**P&A Procedure**

**December 03, 2013**

Engineer: Tyler Thyfault

Production Group Lead: Jerry Dietz

North Piceance Team Lead: Jacob Shumway

API Number:	05-077-08683-0000	
Spud Date:	October 21, 1994	
GL Elevation:	4,884 ft	
TD:	3,295 ft MD	
PBTD:	3,224 ft MD	
Surface Casing:	8 5/8" OD, 24 lb/ft, assumed K-55, set at 656 ft.	
Surface Casing Properties:	ID:	8.097"
	Drift ID:	
	Collapse:	1,370 psig
	Burst:	2,950 psig
	Capacity:	0.0637 BBL/ft
Production Casing:	4 1/2" OD, 10.5 & 11.6 lb/ft, J-55 & N-80, set at 3,293 ft.	
Production Casing Properties:	<b>J-55:</b>	
	ID:	4.052"
	Drift ID:	3.927"
	Collapse:	4,010 psig
	Burst:	4,790 psig
	Joint Yield Strength:	165,000 lb
	Capacity:	0.0159 BBL/ft
	Capacity 4-1/2" casing x 8 5/8" casing:	0.0440 BBL/ft
	Capacity 4-1/2" casing x 7 7/8" hole:	0.0406 BBL/ft
	<b>N-80:</b>	
	ID:	4.000"
	Drift ID:	
	Collapse:	6,350 psig
	Burst:	7,780 psig
	Joint Yield Strength:	267,000 lb
	Capacity:	0.0155 BBL/ft
	Capacity 4-1/2" casing x 8 5/8" casing:	0.0440 BBL/ft
	Capacity 4-1/2" casing x 7 7/8" hole:	0.0406 BBL/ft
Tubing:	2 3/8" OD, 4.7 lb/ft, <b>assume N-80</b> , set at 3,180 ft.	
Tubing properties:	ID:	1.995"
	Drift ID:	1.901"
	Coupling OD:	3.063"
	Collapse:	11,780 psig
	Burst:	11,200 psig
	Joint Yield Strength:	104,340 lb
	Capacity:	0.0039 BBL/ft

**Objective**

Plug and abandon the Debeque 8-8.

**Background**

The Debeque 8-8 is a vertical well drilled in October 21, 1994 and completed in the Cozzette and Corcoran. The well has been determined that it is no longer economical to operate.

**Safety**

Safety meetings are to be held with all service company personnel prior to each job. Well site supervisor must notify contractors as to known hazards of which the contractors may be unaware. Well site supervisor must ensure that all workers are aware of their responsibilities and duties under the EH&S guidelines. All safety meetings will be recorded on the EnCana daily completion reports in Well View. Well site supervisor is responsible to ensure that all utility one calls and ground disturbance forms are completed and on location for safety review. All JSA, Ground disturbance forms and Utility one call paper work is to be turned in to Rangely safety department at the completion of the job.

**Regulations**

All verbal notifications and approval from government regulatory agencies will be recorded on the EnCana daily report. The name of the individual contacted and the subject matter of approval or notification will be recorded.

## **Plug & Abandon Procedure**

1. Notify Grand Junction BLM and the COGCC offices at least 48 hours before plugging operations commence.
2. Hold a pre-job safety meeting. Discuss all aspects of the procedure with any involved personnel. Identify and address any safety concerns before the job begins.
3. MIRU pulling unit.
4. ND wellhead, NU BOP.
5. Load hole.
6. TOH with tubing.
7. TIH with tubing and spot 30 sx (6 BBL) cement at 3,224 ft.
8. Short TOH with tubing. WOC at least 6 hrs. Make sure tubing clears green cement.
9. RIH w/ tubing and tag TOC (Ensure TOC is at least @ 2,884 ft.)
10. RIH w/ wireline and perforate 2 holes in 4-1/2" OD casing @ 706 ft.
11. TIH with tubing to 706 ft.
12. Pump 35 sx cement @ 706 ft.
13. Tag TOC. (Ensure it is @ 606 ft.)
14. Pump cement w/ 1" tubing in 8-5/8" and 4-1/2" casing @ 100' to surface. (35 sx total.)
15. WOC. If cement falls, fill casing strings to surface.
16. Weld information plate to casing stub, take GPS readings of well information plate for regulatory agencies and back fill hole.
17. RDMO workover rig.

**Well Name:** Debeque 08-08

**API #:** 05-077-08683-0000

**Location:** Sec. 8-97W-9S

**KB:** 4,896'

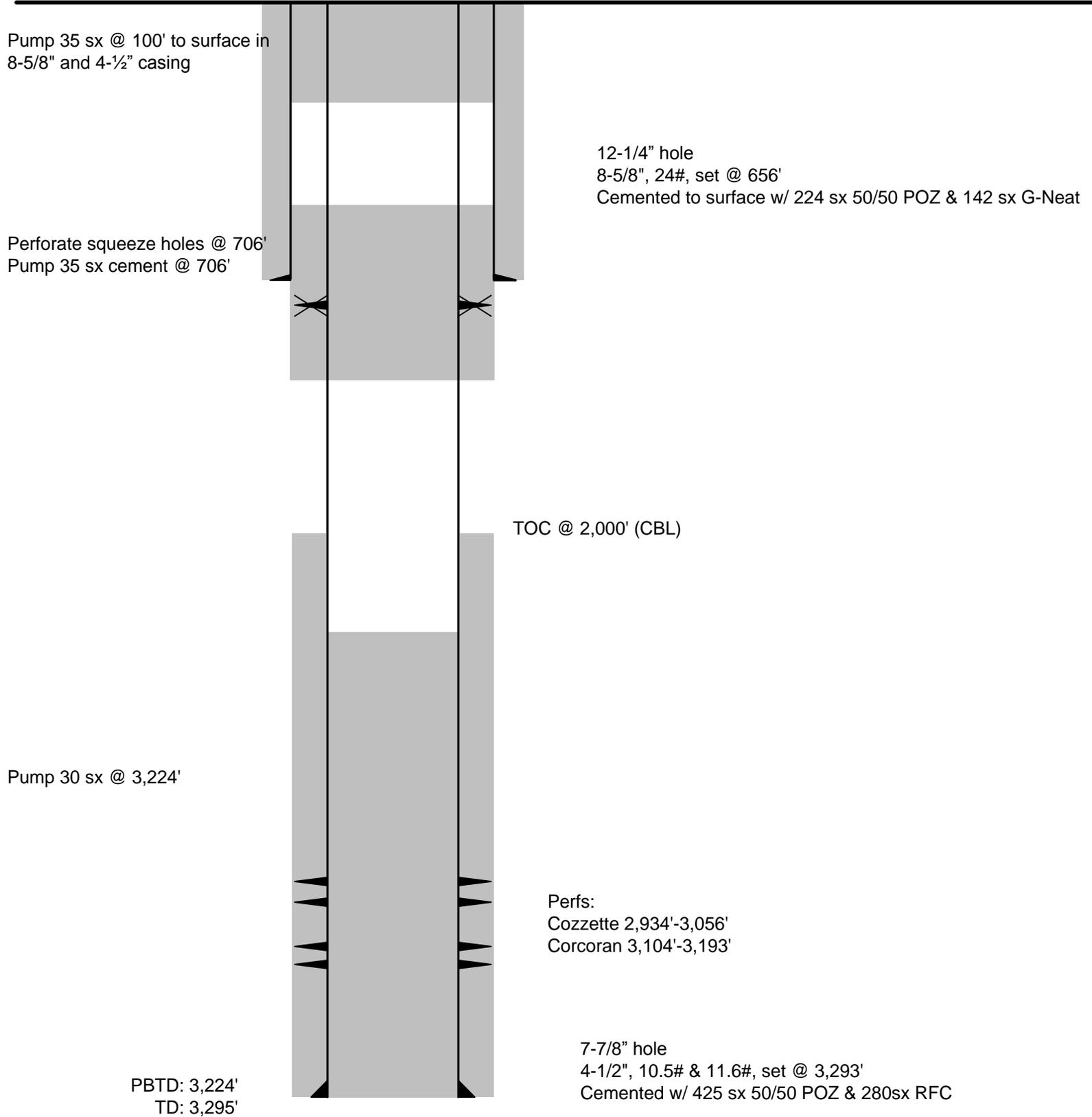
**GL:** 4,884'

**County/St:** Mesa, CO

**Created By:** B. Hoyer

**Date:** 12/03/2013

**Proposed Wellbore**



**Well Name:** Debeque 08-08

**API #:** 05-077-08683-0000

**Location:** Sec. 8-97W-9S

**KB:** 4,896'

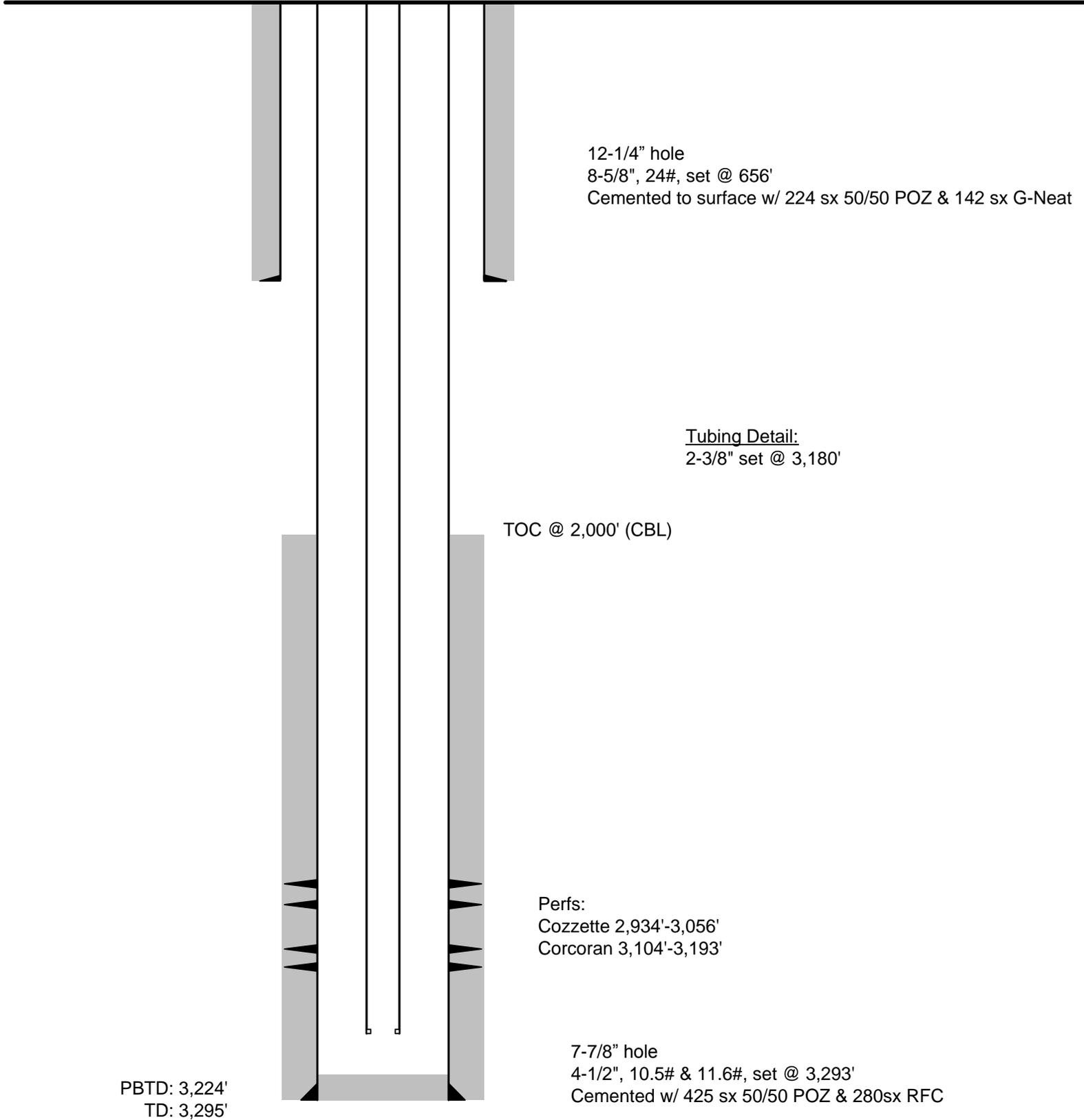
**GL:** 4,884'

**County/St:** Mesa, CO

**Created By:** B. Hoyer

**Date:** 12/03/2013

**Current Wellbore**



12-1/4" hole  
8-5/8", 24#, set @ 656'  
Cemented to surface w/ 224 sx 50/50 POZ & 142 sx G-Neat

Tubing Detail:  
2-3/8" set @ 3,180'

TOC @ 2,000' (CBL)

Perfs:  
Cozzette 2,934'-3,056'  
Corcoran 3,104'-3,193'

7-7/8" hole  
4-1/2", 10.5# & 11.6#, set @ 3,293'  
Cemented w/ 425 sx 50/50 POZ & 280sx RFC

PBTD: 3,224'  
TD: 3,295'