

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:

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 Name: DEBEQUE

Well Number: 8-8

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☐ OtherCasing 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. 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 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

COA Type **Description**

| | |
|--|--|
| | |
|--|--|

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)



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: | J-55: | |
| | 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 |
| | N-80: | |
| | 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, assume N-80 , 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. Wellsite 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. Wellsite 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'

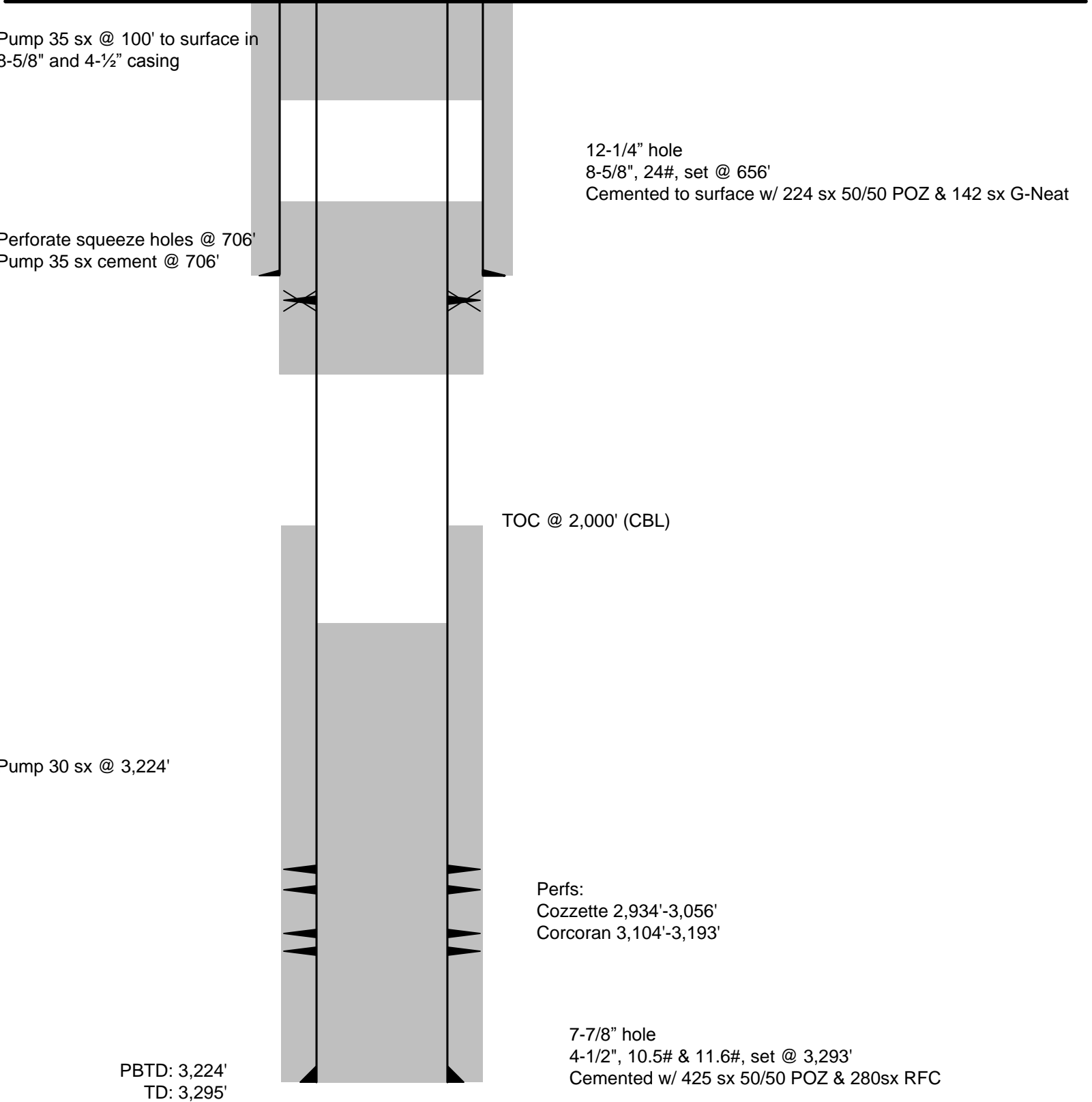
GL: 4,884'

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'

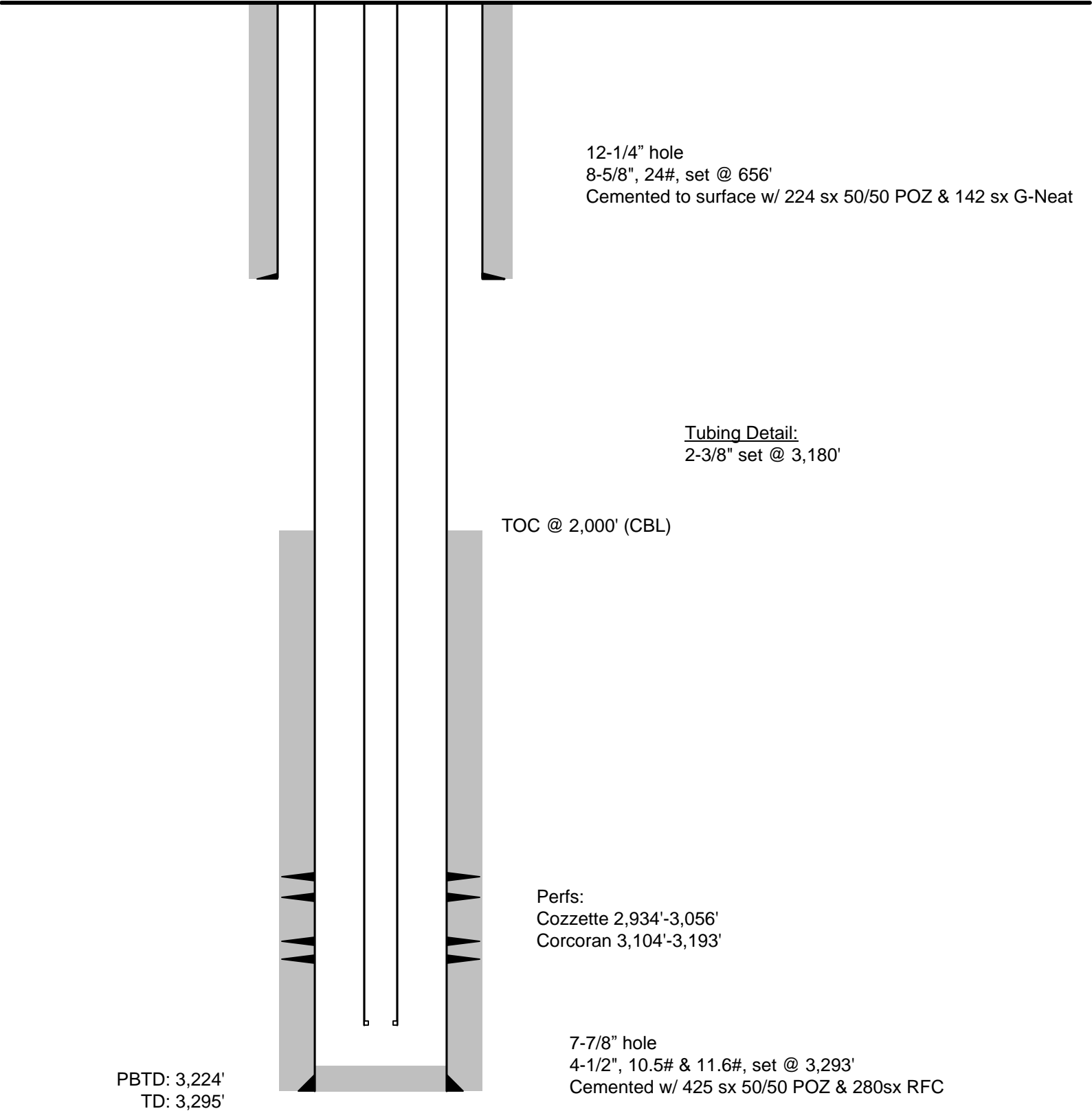
GL: 4,884'

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'