

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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Date Received:

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: 10255 Contact Name: Cindy Keister  
Name of Operator: QUICKSILVER RESOURCES INC Phone: (817) 665-5572  
Address: 801 CHERRY ST - #3700 UNIT 19 Fax: (817) 665-5009  
City: FT WORTH State: TX Zip: 76102 Email: ckeister@qvinc.com

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

API Number 05-081-05352-00 Well Number: 1-16  
Well Name: ALPHA-STATE  
Location: QtrQtr: SESE Section: 16 Township: 7N Range: 93W Meridian: 6  
County: MOFFAT Federal, Indian or State Lease Number: 36062  
Field Name: BIG GULCH Field Number: 6420

Notice of Intent to Abandon  Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.552490 Longitude: -107.832250  
GPS Data:  
Date of Measurement: 05/11/2009 PDOP Reading: 3.5 GPS Instrument Operator's Name: Adrian Valdez  
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 | Code | Perf. Top | Perf. Bottom | Date       | Method of Isolation | Plug Depth |
|-----------|------|-----------|--------------|------------|---------------------|------------|
| ENTRADA   | ENRD | 9662      | 9682         | 09/08/1959 | SQUEEZED            |            |
| FRONTIER  | FRTR | 8584      | 8630         | 08/27/2013 | CEMENT              |            |
| MORRISON  | MRSN | 9220      | 9240         | 09/10/1959 | SQUEEZED            |            |
| MESAVERDE | MVRD | 3695      | 3750         | 08/29/2013 | CEMENT              |            |
| NIOBRARA  | NBRR | 6090      | 8276         | 08/27/2013 | CEMENT              |            |
| DAKOTA    | DKTA | 9025      | 9037         | 09/13/1959 | SQUEEZED            | 8620       |

Total: 6 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        | 17+1/2       | 13+3/8         | 48              | 800           | 938          | 800        | 0          | VISU   |
| 1ST         | 12+1/4       | 9+5/8          | 48 and 36       | 4,477         | 825          | 4,477      | 2,961      | CALC   |
| 2ND         | 8+3/4        | 5+7/8          | 17              | 9,828         | 385          | 9,828      | 3,970      | CALC   |

### 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 200 sks cmt from 6090 ft. to 3550 ft. Plug Type: CASING Plug Tagged:   
 Set 100 sks cmt from 3370 ft. to 3105 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 \_\_\_\_\_ 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  
 Perforate and squeeze at 850 ft. with 150 sacks. Leave at least 100 ft. in casing 788 CICR Depth

(Cast Iron Cement Retainer Depth)

Set \_\_\_\_\_ sacks half in. half out surface casing from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Tagged:   
 Set 40 sacks at surface  
 Cut four feet below ground level, weld on plate Above Ground Dry-Hole Marker:  Yes  No  
 Set 0 sacks in rat hole Set 0 sacks in mouse hole

### Additional Plugging Information for Subsequent Report Only

Casing Recovered: 0 ft. of \_\_\_\_\_ inch casing Plugging Date: 08/30/2013  
 \*Wireline Contractor: Continental Services \*Cementing Contractor: Continental Services  
 Type of Cement and Additives Used: Class G "Neet", Yield 1.15, 15.8#  
 Flowline/Pipeline has been abandoned per Rule 1103  Yes  No \*ATTACH JOB SUMMARY

Technical Detail/Comments:

See attached summary.

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

Signed: \_\_\_\_\_ Print Name: Cindy Keister  
Title: Dir. Regulatory Affairs Date: \_\_\_\_\_ Email: ckeister@qrinc.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:**

| <u>COA Type</u> | <u>Description</u> |
|-----------------|--------------------|
|                 |                    |

**Attachment Check List**

| <u>Att Doc Num</u> | <u>Name</u>           |
|--------------------|-----------------------|
| 400486108          | WELLBORE DIAGRAM      |
| 400486109          | WIRELINER JOB SUMMARY |
| 400486113          | OPERATIONS SUMMARY    |

Total Attach: 3 Files

**General Comments**

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|----------------|---------------------|
|                   |                |                     |

Total: 0 comment(s)