

Document Number:  
402145176

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: 10433 Contact Name: Wayne Bankert  
 Name of Operator: LARAMIE ENERGY LLC Phone: (970) 812-5310  
 Address: 1401 SEVENTEENTH STREET #1401 Fax: \_\_\_\_\_  
 City: DENVER State: CO Zip: 80202 Email: wbankert@laramie-energy.com

**For "Intent" 24 hour notice required,** Name: Wentzel, Dougo Tel: (970) 986-7314  
 COGCC contact: Email: dougo.wentzel@state.co.us

API Number 05-077-08456-00  
 Well Name: HORSESHOE CANYON Well Number: 1-21  
 Location: QtrQtr: SWSW Section: 21 Township: 9S Range: 97W Meridian: 6  
 County: MESA Federal, Indian or State Lease Number: 36115  
 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: 39.253995 Longitude: -108.229054  
 GPS Data:  
 Date of Measurement: 04/30/2008 PDOP Reading: 1.9 GPS Instrument Operator's Name: Alan Vrooman  
 Reason for Abandonment:  Dry  Production Sub-economic  Mechanical Problems  
 Other \_\_\_\_\_  
 Casing to be pulled:  Yes  No Estimated Depth: 470  
 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  | 3030      | 3073      |                |                     |            |
| CORCORAN  | 3264      | 3292      |                |                     |            |
| DAKOTA    | 7592      | 7744      |                |                     |            |

Total: 3 zone(s)

**Casing History**

| Casing Type | Size of Hole | Size of Casing | Weight Per Foot | Setting Depth | Sacks Cement | Cement Bot | Cement Top | Status |
|-------------|--------------|----------------|-----------------|---------------|--------------|------------|------------|--------|
| CONDUCTOR   | 24           | 20             | .25             | 40            | 100          | 40         | 0          | CALC   |
| SURF        | 13+3/4       | 9+5/8          | 36              | 400           | 285          | 400        | 0          | CALC   |
| 1ST         | 8+3/4        | 7              | 23              | 4,090         | 250          | 4,090      | 0          | CALC   |
| 2ND         | 6+1/4        | 4+1/2          | 11.6            | 7,850         | 525          | 7,850      | 2,240      | CBL    |

### Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7550 with 10 sacks cmt on top. CIPB #2: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top.  
 CIBP #3: Depth 2730 with 10 sacks cmt on top. CIPB #4: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top.  
 CIBP #5: Depth 460 with \_\_\_\_\_ sacks cmt on top.

NOTE: Two(2) sacks cement required on all CIBPs.

Set 25 sks cmt from 4000 ft. to 3700 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:   
 Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:   
 Perforate and squeeze at 450 ft. with 55 sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth  
 Perforate and squeeze at 100 ft. with 40 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 1105  Yes  No \*ATTACH JOB SUMMARY

Technical Detail/Comments:

~470' of the 4 1/2" production casing will be cut and pulled.

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

Signed: \_\_\_\_\_ Print Name: Joan Proulx  
 Title: Regulatory Analyst Date: \_\_\_\_\_ Email: jproulx@laramie-energy.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: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

| COA Type | Description |
|----------|-------------|
|          |             |

## Attachment Check List

| <u>Att Doc Num</u> | <u>Name</u>                 |
|--------------------|-----------------------------|
| 402145210          | WELLBORE DIAGRAM            |
| 402145211          | PROPOSED PLUGGING PROCEDURE |

Total Attach: 2 Files

## General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u>    |
|-------------------|----------------|------------------------|
|                   |                | Stamp Upon<br>Approval |

Total: 0 comment(s)