

**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:<br>400882992 |    |    |    |
| Date Received:<br>08/12/2015  |    |    |    |

**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: 101101 Contact Name: Travis Leck  
 Name of Operator: SAGA PETROLEUM LIMITED LIABILITY CO OF CO Phone: (307) 250-3234  
 Address: 600 17TH ST STE 1700N Fax: \_\_\_\_\_  
 City: DENVER State: CO Zip: 80202 Email: tleck@sagapetroleum.com

**For "Intent" 24 hour notice required,** Name: Sherman, Susan Tel: (719) 775-1111  
**COGCC contact:** Email: susan.sherman@state.co.us

API Number 05-121-05382-00 Well Number: 3  
 Well Name: JONES  
 Location: QtrQtr: NESW Section: 26 Township: 3S Range: 51W Meridian: 6  
 County: WASHINGTON Federal, Indian or State Lease Number: \_\_\_\_\_  
 Field Name: RUSH WILLADEL Field Number: 76000

Notice of Intent to Abandon       Subsequent Report of Abandonment

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

Latitude: 39.762710 Longitude: -103.059540  
 GPS Data:  
 Date of Measurement: 06/06/2013 PDOP Reading: 1.1 GPS Instrument Operator's Name: Daley Land Surveying,  
 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 |
|------------------|-----------|-----------|----------------|---------------------|------------|
| J-3 SAND         | 3969      | 3970      |                | RETAINER/SQUEEZED   |            |
| J-2 SAND         | 3932      | 3952      |                | RETAINER/SQUEEZED   | 3960       |
| 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              | 110           | 95           | 110        | 0          |        |
| 1ST         | 7+7/8        | 5+1/2          | 14              | 4,206         | 250          | 4,206      | 2,700      | CALC   |

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 3850 with 6 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 \_\_\_\_\_ 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:   
 Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:

Perforate and squeeze at 2000 ft. with 40 sacks. Leave at least 100 ft. in casing 1900 CICR Depth  
 Perforate and squeeze at 160 ft. with 50 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 15 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: Admir Draganovic  
 Title: EHS Manager Date: 8/12/2015 Email: adraganovic@sagapetroleum.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: SUTPHIN, DIRK Date: 8/18/2015

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_ Expiration Date: 2/17/2016

| COA Type | Description   |
|----------|---|
|          | Note changes to submitted form. See comments.<br>1) Provide 48 hour notice of MIRU via electronic Form 42.<br>2) Tag (160') shoe plug 50' above surface casing shoe or circulate cement to surface. May use a retainer and not tag the plug if returns can be established prior to setting the retainer.<br>3) Cement from 50' to surface in 5.5" casing and 8" x 5.5" annulus. |

## Attachment Check List

| <u>Att Doc Num</u> | <u>Name</u>                 |
|--------------------|-----------------------------|
| 400882992          | FORM 6 INTENT SUBMITTED     |
| 400884541          | WELLBORE DIAGRAM            |
| 400884543          | WELLBORE DIAGRAM            |
| 400884545          | PROPOSED PLUGGING PROCEDURE |

Total Attach: 4 Files

### General Comments

| <u>User Group</u> | <u>Comment</u>   | <u>Comment Date</u>      |
|-------------------|--|--------------------------|
| Engineer          | Contacted operator (Travis L.) with questions on form. Operator says they did not intend to cut casing. Made corrections and changes. Sent submitted and modified form to Travis. Casing is 5.5" not 2.875" (typo). Plug#1: "CIBP#1: 3850 w/ 6 sx on top" is proposed as a tubing set CICR, pump 35 sx cement thru retainer, sting out and leave 6 sx on top. Replaced proposed "stub" plug at 1900'-1730' with Perf & Squeeze at 2000' with 40 sx. Need cement in both casing and annulus there. Required due to Nbr is produced nearby. TOC unknown but calculated at 2700'. | 8/17/2015<br>11:02:52 AM |
| Permit            | Operator uploaded new attachments and made specified corrections.  | 8/17/2015<br>7:49:01 AM  |
| Permit            | 1) Attachments are not in .pdf format.<br>2) Only the planned plugging WBD is attached. No current WBD attached.<br>3) Top and bottom perf/prod. interval depths are incorrect.<br>4) Plugging procedure section is completely blank.<br>Contacted operator. Returned to draft.  | 8/13/2015<br>2:27:11 PM  |

Total: 3 comment(s)