

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

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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: 10340

Contact Name: Kevin Thulin

Name of Operator: SUNDANCE ENERGY INC

Phone: (303) 543-5702

Address: 633 17TH STREET #1950

Fax: (303) 543-5701

City: DENVER State: CO Zip: 80202

Email: kthulin@sundanceenergy.net

For "Intent" 24 hour notice required,

Name: \_\_\_\_\_

Tel: \_\_\_\_\_

COGCC contact:

Email: \_\_\_\_\_

API Number 05-123-09007-00

Well Name: ROCKY MOUNTAIN FUEL CO

Well Number: 13-32

Location: QtrQtr: NWSW Section: 32 Township: 2N Range: 67W Meridian: 6

County: WELD

Federal, Indian or State Lease Number: \_\_\_\_\_

Field Name: SPINDLE

Field Number: 77900

☐ Notice of Intent to Abandon☒ Subsequent Report of Abandonment

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

Latitude: 40.092651

Longitude: -104.921518

GPS Data:

Date of Measurement: 05/28/2009

PDOP Reading: 3.6

GPS Instrument Operator's Name: Joseph Dugan

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 |
|-----------|-----------|-----------|----------------|---------------------|------------|
| SHANNON   | 5144      | 5160      | 07/22/2014     | B PLUG CEMENT TOP   | 4600       |
| SUSSEX    | 4678      | 4742      | 07/22/2014     | B PLUG CEMENT TOP   | 4600       |

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+3/4       | 8+5/8          | 20              | 615           | 400          | 615        | 0          | VISU   |
| 1ST         | 7+7/8        | 4+1/2          | 9.5             | 5,390         | 350          | 5,390      | 3,745      | CBL    |

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 4600 with 2 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 50 sks cmt from 635 ft. to 0 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 655 ft. with 130 sacks. Leave at least 100 ft. in casing 635 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 10 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: 0 ft. of 0+0/0 inch casing

Plugging Date: 07/22/2014

\*Wireline Contractor: J-W Wireline Company

\*Cementing Contractor: Cementer's Well Service, Inc.

Type of Cement and Additives Used: 15.2 ppg Type III Neat

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: Kevin Thulin

Title: Production Engineer

Date: \_\_\_\_\_

Email: kthulin@sundanceenergy.net

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:**

\_\_\_\_\_

### Attachment Check List

| <u>Att Doc Num</u> | <u>Name</u>           |
|--------------------|-----------------------|
| 400657174          | CEMENT JOB SUMMARY    |
| 400657175          | WELLBORE DIAGRAM      |
| 400657176          | WIRELINER JOB SUMMARY |
| 400657177          | OPERATIONS SUMMARY    |
| 400657178          | OPERATIONS SUMMARY    |

Total Attach: 5 Files

### General Comments

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

Total: 0 comment(s)