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**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) 543-5700  
 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: JOHNSON, RANDELL Tel: (303) 655-7472  
**COGCC contact:** Email: randell.johnson@state.co.us

API Number 05-123-08634-00 Well Number: 14-32  
 Well Name: ROCKY MOUNTAIN FUEL  
 Location: QtrQtr: SWSW 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: 40.089442 Longitude: -104.921516  
 GPS Data:  
 Date of Measurement: 05/28/2009 PDOP Reading: 2.8 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: 3915  
 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
SUSSEX	4700	4764			

Total: 1 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	586	400	586	0	VISU
1ST	7+7/8	4+1/2	9.5	5,284	350	5,284	3,915	CALC

## 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 40 sks cmt from 3965 ft. to 3865 ft. Plug Type: STUB PLUG 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 \_\_\_\_\_ 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 \_\_\_\_\_ ft. with \_\_\_\_\_ sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth  
(Cast Iron Cement Retainer Depth)

Set 50 sacks half in. half out surface casing from 740 ft. to 536 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 0 sacks in rat hole Set 0 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: KEVIN THULIN

Title: PRODUCTION ENGINEER Date: 9/10/2013 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: SCHLAGENHAUF, MARK Date: 1/14/2014

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_

Expiration Date: 7/13/2014

<u>COA Type</u>	<u>Description</u>
	<p>Note change in plugging procedure:</p> <ol style="list-style-type: none"> <li>1) Provide 48 hour notice of plugging MIRU via electronic Form 42.</li> <li>2) No CBL on file. Run CBL to verify the top of primary cement is at least 200' over Sussex. If Sussex coverage does not exist as required, provide this coverage as part of this plugging project.</li> <li>3) Change CIBP #1 depth from 4800' to 4600' so that it is above perforations.</li> <li>4) If unable to pull casing contact COGCC for plugging modifications.</li> <li>5) Change surface casing plug depth from 621' to 740' due to deeper aquifer in vicinity. Adjust cement volumes accordingly.</li> <li>6) For 740' plug: pump plug and displace. If surface casing plug not circulated to surface then tag plug – must be 536' or shallower and provide 10 sx plug at the surface. Leave at least 100' cement in the casing for each plug.</li> <li>7) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete.</li> <li>8) Provide an "As Plugged" wellbore diagram identifying the specific plugging completed.</li> </ol>

### Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
2430459	WELLBORE DIAGRAM
2430460	FORM 6 INTENT SUBMITTED

Total Attach: 2 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Well Completion report dated 5/17/1976.	1/9/2014 9:08:34 AM
Permit	ON HOLD: requesting updated designated agent form 1A.	12/24/2013 2:50:40 PM

Total: 2 comment(s)