

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
Document Number:  2361524			
Date Received:  03/24/2014			

## 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) 5435700
Address: 633 17TH STREET #1950	Fax: (303) 5435701
City: DENVER State: CO Zip: 80202	Email: KTHULIN@SUNDANCEENERGY.NET
For "Intent" 24 hour notice required, Name: JOHNSON, RANDELL Tel: (303) 815-9641	
COGCC contact: Email: randell.johnson@state.co.us	

API Number 05-123-08781-00	Well Number: 33-29
Well Name: EMERSON	
Location: QtrQtr: NWSE Section: 29 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: 40.107490	Longitude: -104.912060
GPS Data:	
Date of Measurement: 09/25/2008	PDOP Reading: 2.0 GPS Instrument Operator's Name: Dallas Nielsen
Reason for Abandonment: <input type="checkbox"/> Dry <input checked="" type="checkbox"/> Production for Sub-economic <input type="checkbox"/> Mechanical Problems	
<input type="checkbox"/> Other	
Casing to be pulled: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Estimated Depth: 3200
Fish in Hole: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, explain details below
Wellbore has Uncemented Casing leaks: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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	5101	5118			
SUSSEX	4644	4702			
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	24	596	400	596	0	VISU
1ST	7+7/8	4+1/2	9.5	4,575	350	4,575	3,200	CALC

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 4590 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 3250 ft. to 3150 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 \_\_\_\_\_ 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 780 ft. to 546 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: \_\_\_\_\_ 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: 4/3/2014

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

Expiration Date: 10/2/2014

<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) Move CIBP#1 w/ 2 sxs from proposed 4500' to 4590'.</li> <li>3) If unable to pull casing, contact COGCC for plugging modifications.</li> <li>4) Lower 646' shoe plug to 780' due to deeper water wells nearby. Increase cement volumes accordingly.</li> <li>5) For 780' plug: pump plug and displace. If surface casing plug not circulated to surface WOC 4 hours then tag plug – must be 446' or shallower and provide 10 sx plug at the surface. Leave at least 100' cement in the casing for each plug.</li> <li>6) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete.</li> <li>7) Provide an "As Plugged" wellbore diagram identifying the specific plugging completed.</li> </ol>

### **Attachment Check List**

<u>Att Doc Num</u>	<u>Name</u>
2361524	FORM 6 INTENT SUBMITTED
2361536	WELLBORE DIAGRAM

Total Attach: 2 Files

### **General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Well Completion Report dated 11/5/1976.	3/25/2014 8:37:39 AM

Total: 1 comment(s)