

**FORM**  
**5**  
Rev  
02/08

**State of Colorado**  
**Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:  
400484223

Date Received:  
10/08/2013

**DRILLING COMPLETION REPORT**

This form is to be submitted within 30 days of the setting of production casing, the plugging of a dry hole, the deepening or sidetracking of a well, or any time the wellbore configuration is changed. If the well is deepened or sidetracked a new Form 5 is required. If an attempt has been made to complete/produce a well, then the operator shall submit Form 5A (Completed Interval Report.) If the well has been plugged, a form 6 (Well Abandonment Report) is required.

Completion Type  Final completion  Preliminary completion

1. OGCC Operator Number: 10340 4. Contact Name: Jeff Reale  
 2. Name of Operator: SUNDANCE ENERGY INC Phone: (970) 663-1448  
 3. Address: 633 17TH STREET #1950 Fax: (970) 667-0046  
 City: DENVER State: CO Zip: 80202

5. API Number 05-123-37749-00 6. County: WELD  
 7. Well Name: Grant Brothers Well Number: 23-2Ae  
 8. Location: QtrQtr: SWSE Section: 23 Township: 2N Range: 68W Meridian: 6  
 Footage at surface: Distance: 604 feet Direction: FSL Distance: 1995 feet Direction: FEL  
 As Drilled Latitude: 40.118570 As Drilled Longitude: -104.968060

GPS Data:  
 Date of Measurement: 09/10/2013 PDOP Reading: 2.1 GPS Instrument Operator's Name: C.V.M.

\*\* If directional footage at Top of Prod. Zone Dist.: 2660 feet. Direction: FSL Dist.: 1315 feet. Direction: FEL  
 Sec: 23 Twp: 2N Rng: 68W  
 \*\* If directional footage at Bottom Hole Dist.: 2660 feet. Direction: FSL Dist.: 1315 feet. Direction: FEL  
 Sec: 23 Twp: 2N Rng: 68W

9. Field Name: SPINDLE 10. Field Number: 77900  
 11. Federal, Indian or State Lease Number: \_\_\_\_\_

12. Spud Date: (when the 1st bit hit the dirt) 08/15/2013 13. Date TD: 08/18/2013 14. Date Casing Set or D&A: 08/19/2013

15. Well Classification:  
 Dry  Oil  Gas/Coalbed  Disposal  Stratigraphic  Enhanced Recovery  Storage  Observation

16. Total Depth MD 8114 TVD\*\* 7715 17 Plug Back Total Depth MD 8058 TVD\*\* 7658

18. Elevations GR 4919 KB 4935 One paper copy of all electric and mud logs must be submitted, along with one digital LAS copy as available.

19. List Electric Logs Run:  
 Commingled open hole logs, Cement bond log  
 HRI/CD/CN 2431273, CBL 2431272

20. Casing, Liner and Cement:

**CASING**

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Top	Cmt Bot	Status
SURF	12+1/4	8+5/8	24	0	828	540	0	828	VISU
1ST	7+7/8	4+1/2	11.6	0	8,073	620	2,461	8,073	CBL

**STAGE/TOP OUT/REMEDIAL CEMENT**

Cement work date: \_\_\_\_\_

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom

Details of work:

21. Formation log intervals and test zones:

FORMATION LOG INTERVALS AND TEST ZONES					
FORMATION NAME	Measured Depth		Check if applies		COMMENTS (All DST and Core Analyses must be submitted to COGCC)
	Top	Bottom	DST	Cored	
PARKMAN	3,911	4,136	<input type="checkbox"/>	<input type="checkbox"/>	
SUSSEX	4,423	4,688	<input type="checkbox"/>	<input type="checkbox"/>	
SHANNON	4,876	5,184	<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	7,294	7,693	<input type="checkbox"/>	<input type="checkbox"/>	
FORT HAYS	7,483	7,882	<input type="checkbox"/>	<input type="checkbox"/>	
CODELL	7,509	7,908	<input type="checkbox"/>	<input type="checkbox"/>	
GREENHORN	7,581	7,980	<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

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

Signed: \_\_\_\_\_ Print Name: Jeff Reale

Title: Agent Date: 10/8/2013 Email: jeff@mistymountainop.com

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<b>Attachment Checklist</b>			
400484939	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
1696007	Directional Survey **	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	DST Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Logs	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Other	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<b>Other Attachments</b>			
400484223	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400484231	COMBINATION OPEN HOLE	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400484384	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400491890	CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

### General Comments

User Group	Comment	Comment Date
Permit	Received and attached Directional Survey. PDF of logs' received 10/28/13 HRI/CD/CN 2431273 CBL 2431272	1/30/2014 12:20:47 PM
Permit	ON HOLD: requesting Directional Drilling Survey. Change from FSL to FNL. Sent email requesting form 5A.	12/17/2013 9:56:33 AM

Total: 2 comment(s)