

FORM  
5Rev  
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



DE	ET	OE	ES
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Document Number:

400336621

Date Received:

11/01/2012

## 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: Dean Rogers

2. Name of Operator: SUNDANCE ENERGY INC

Phone: (303) 543-5710

3. Address: 633 17TH STREET #1950

Fax: (303) 543-5701

City: DENVER State: CO Zip: 80202

5. API Number 05-123-35710-00

6. County: WELD

7. Well Name: HFE

Well Number: 24-22

8. Location: QtrQtr: SWSW Section: 22 Township: 4N Range: 68W Meridian: 6

Footage at surface: Distance: 1120 feet Direction: FSL Distance: 845 feet Direction: FWL

As Drilled Latitude: 40.294695 As Drilled Longitude: -104.995731

## GPS Data:

Date of Measurement: 03/28/2012 PDOP Reading: 1.3 GPS Instrument Operator's Name: Brian Ritz

\*\* If directional footage at Top of Prod. Zone Dist.: 707 feet. Direction: FSL Dist.: 1973 feet. Direction: FWL

Sec: 22 Twp: 4N Rng: 68W

\*\* If directional footage at Bottom Hole Dist.: 713 feet. Direction: FSL Dist.: 1968 feet. Direction: FWL

Sec: 22 Twp: 4N Rng: 68W

9. Field Name: WATTENBERG

10. Field Number: 90750

11. Federal, Indian or State Lease Number:

12. Spud Date: (when the 1st bit hit the dirt) 09/24/2012 13. Date TD: 09/28/2012 14. Date Casing Set or D&amp;A: 10/01/2012

## 15. Well Classification:

☐ Dry ☒ Oil ☐ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ Observation

16. Total Depth MD 7547 TVD\*\* 7370 17 Plug Back Total Depth MD 7450 TVD\*\* 7273

18. Elevations GR 4920 KB 4936

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:

Triple Combo  
Cement bond log #1  
Cement bond log #2

## 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	593	420	0	593	VISU
1ST	7+7/8	4+1/2	11.6	0	7,535	400	3,526	7,535	CBL

## STAGE/TOP OUT/REMEDIAL CEMENT

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

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom
RETAINER	S.C. 1.1	7,450	50	7,178	7,474

Details of work:

Repaired long string cement job when Halliburton failed to drop the wiper plug and displaced cement 367' to high in the casing open hole annulus.

Perfed 2 holes at 7474', set retainer at 7450', perf 2 holes at 7182', cement with 30 sxs, drilled out, ran CBL and pressure tested cement job. Held okay.

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	3,420		<input type="checkbox"/>	<input type="checkbox"/>	
SUSSEX	6,077		<input type="checkbox"/>	<input type="checkbox"/>	
SHANNON	6,530		<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	7,045		<input type="checkbox"/>	<input type="checkbox"/>	
CODELL	7,364		<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: Dean RogersTitle: Operations Engineer Date: 11/1/2012 Email: drogers@sundanceenergy.com

### Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
400342284	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400337410	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"/>
<u>Other Attachments</u>					
400336621	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400337408	CBL 1ST RUN	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400337409	CBL 1ST RUN	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400341327	TRIPLE COMBINATION	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400341328	CBL 2ND RUN	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400341329	TRIPLE COMBINATION	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400401809	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Engineer	Rec'd Daily reports from operator for additional cement on Halliburtons tab.	4/10/2013 1:20:00 PM
Engineer	Emailed operator, Stage/Top Out/Remedial Cement tab indicates 50 sacks used, yet details of work indicate 30 sacks, requested cement tickets.	4/9/2013 12:50:10 PM
Permit	Formation data corrected as per opr.	4/9/2013 11:23:55 AM
Permit	Corrected TD & PBDT total depth to match directional, as per opr. Requested Opr to upload frac data to FracFocus. Also need clarification of formations (form 5A shows codell perfs at 7364-7386.)	1/15/2013 11:26:01 AM

Total: 4 comment(s)