

**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



DE	ET	OE	ES
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Document Number:

400238430

Date Received:

03/28/2012

**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: 78110

4. Contact Name: Michael Bergstrom

2. Name of Operator: SWEPI LP

Phone: (303) 222-6347

3. Address: 4582 S ULSTER ST PKWY #1400

Fax: (303) 222-6258

City: DENVER State: CO Zip: 80237

5. API Number 05-081-07659-01

6. County: MOFFAT

7. Well Name: HARPER HILL

Well Number: 2-29

8. Location: QtrQtr: SENW Section: 29 Township: 5N Range: 90W Meridian: 6

Footage at surface: Distance: 1543 feet Direction: FNL Distance: 1347 feet Direction: FWL

As Drilled Latitude: 40.359478 As Drilled Longitude: -107.523750

## GPS Data:

Data of Measurement: 01/23/2012 PDOP Reading: 2.3 GPS Instrument Operator's Name: B.H.

\*\* If directional footage at Top of Prod. Zone Dist.: 1666 feet. Direction: FNL Dist.: 1288 feet. Direction: FWL

Sec: 29 Twp: 5N Rng: 90W

\*\* If directional footage at Bottom Hole Dist.: 796 feet. Direction: FSL Dist.: 541 feet. Direction: FEL

Sec: 30 Twp: 5N Rng: 90W

9. Field Name: WADDLE CREEK

10. Field Number: 90450

11. Federal, Indian or State Lease Number: NA

12. Spud Date: (when the 1st bit hit the dirt) 09/12/2011 13. Date TD: 11/11/2011 14. Date Casing Set or D&amp;A: 11/12/2011

## 15. Well Classification:

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

16. Total Depth MD 6856 TVD\*\* 3634 17 Plug Back Total Depth MD 6783 TVD\*\* 3634

18. Elevations GR 6579 KB 6597

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:

Cement Bond Log, Platform Express, IBC, Sonic, Directional

## 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
CONDUCTOR	30	20		0	90	12	0	90	CALC
SURF	13+1/2	10+3/4	36	0	786	491	0	786	CALC
1ST	9+7/8	7+5/8	29.7	0	3,248	345	1,050	2,360	CBL
1ST LINER	6+3/4	5+1/2	17	2818	6,783				

### 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:

This cement was associated with the cementing of the pilot hole:

Plug Back: hole size 6.75", scks cement 90, cement top 4009, cement bottom 4450, calc

Plug Back: hole size 6.75", scks cement 90, cement top 3567, cement bottom 4009, calc

Plug Back: hole size 6.75", scks cement 61, cement top 3272, cement bottom 3567, calc

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	
MORAPOS-MANCOS	385	3,760	<input type="checkbox"/>	<input type="checkbox"/>	Morapos Top 385, bot 594; Buck Peak top 2923, bot 2993; Tow Creek top 3270, bot 3348; Wolf Mountain top 3547, bot 3760
NIOBRARA	2,923		<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

Confidentiality request was submitted via Sundry and approved by COGCC on 3/16/2012.

See above in Section 20 details for cementing the pilot hole.

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

Signed: \_\_\_\_\_

Print Name: Michael Bergstrom

Title: Senior Regulatory Advisor

Date: 3/28/2012

Email: michael.bergstrom@shell.com

### Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
400256266	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400248106	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>					
1533627	WELLBORE DIAGRAM	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400238430	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400239236	LAS-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400248108	LAS-	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400248110	LAS-	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400248111	LAS-	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400248112	LAS-	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400248113	LAS-PLATFORM EXPRESS	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400248114	LAS-PLATFORM EXPRESS	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400248115	LAS-PLATFORM EXPRESS	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400248116	LAS-	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400248117	LAS-	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400248118	LAS-	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400248119	LAS-	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400248120	LAS-PLATFORM EXPRESS	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400248121	LAS-PLATFORM EXPRESS	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400248123	LAS-PLATFORM EXPRESS	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400248125	LAS-PLATFORM EXPRESS	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400248126	LAS-PLATFORM EXPRESS	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400248127	LAS-PLATFORM EXPRESS	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400248128	LAS-PLATFORM EXPRESS	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400264531	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>
Permit	Passed.	1/3/2013 8:09:58 AM
Permit	Reequesting operator verify BHL location.	12/17/2012 10:28:34 AM
Permit	Re-req'd form 5 for pilot hole and plugback depths. Need to check digital log uploads that are corrupted.	11/1/2012 8:32:01 AM
Permit	Per oper. correct fm. top. Req'd form 5 for -00 wellbore. Need to re-check plugback depths.	8/31/2012 10:32:12 AM
Permit	Rec'd missing info. Need to check on confidentiality status (sundry approved 3/16/2012) before approving. Revised WBD attached.	8/28/2012 2:47:48 PM
Permit	On Hold. Waiting on plug back depth and Niobrara formation top,	6/12/2012 1:40:32 PM

Total: 6 comment(s)