

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

Document Number:

400379063

Date Received:

04/08/2013

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: 78110

4. Contact Name: Anne Baldrige

2. Name of Operator: SWEPI LP

Phone: (303) 305-7555

3. Address: 4582 S ULSTER ST PKWY #1400

Fax:

City: DENVER State: CO Zip: 80237

5. API Number 05-107-06243-01

6. County: ROUTT

7. Well Name: Gnat Hill

Well Number: 1-29

8. Location: QtrQtr: NESE Section: 29 Township: 6N Range: 89W Meridian: 6

Footage at surface: Distance: 2375 feet Direction: FSL Distance: 360 feet Direction: FEL

As Drilled Latitude: 40.445742 As Drilled Longitude: -107.392503

GPS Data:

Data of Measurement: 01/18/2013 PDOP Reading: 1.4 GPS Instrument Operator's Name: G.McElroy

** If directional footage at Top of Prod. Zone Dist.: 52 feet. Direction: FSL Dist.: 1588 feet. Direction: FEL

Sec: 29 Twp: 6N Rng: 89W

** If directional footage at Bottom Hole Dist.: 859 feet. Direction: FNL Dist.: 2171 feet. Direction: FEL

Sec: 32 Twp: 6N Rng: 89W

9. Field Name: BUCK PEAK

10. Field Number: 7675

11. Federal, Indian or State Lease Number:

12. Spud Date: (when the 1st bit hit the dirt) 11/10/2012 13. Date TD: 12/21/2012 14. Date Casing Set or D&A: 12/26/2012

15. Well Classification:

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

16. Total Depth MD 9763 TVD** 8809 17 Plug Back Total Depth MD 9763 TVD** 8809

18. Elevations GR 6656 KB 6670

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:

PEX, ECS, NGT, Sonic Scanner FMI and Isolation Scanner for Cement Evaluation

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	48	0	90	CALC
SURF	13+1/2	10+3/4	40.5	0	998	399	0	988	CALC
1ST	9+7/8	7+5/8	33.7	0	7,386	881	1,470	7,386	CBL
1ST LINER	6+3/4	5+1/2	17	7126	9,763				

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	
MESAVERDE	2,835	5,031	<input type="checkbox"/>	<input type="checkbox"/>	
MANCOS	5,031	8,467	<input type="checkbox"/>	<input type="checkbox"/>	
MORAPOS	6,319	6,400	<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	8,467	9,554	<input type="checkbox"/>	<input type="checkbox"/>	
CARLILE	9,554		<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

As-Drilled footage at surface is one foot North of planned location, please see attached As-Drilled Survey Plat. This sidetrack was drilled after encountering hole instability on the original well. A cement plug was placed at the top of the original hole and the intermediate section was side tracked around it. A separate completion report for this well's original hole is submitted under API # 05-107-06243-00.

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

Signed: _____ Print Name: Anne Baldrige

Title: Swan Regulatory Lead Date: 4/8/2013 Email: A.baldrige@shell.com

Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
400389392	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400398941	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>					
400379063	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400380776	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400380781	LAS-GAMMA RAY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400380783	LAS-GAMMA RAY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400380784	LAS-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400380785	LAS-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400380789	LAS-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400398948	LAS-PLATFORM EXPRESS	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400398951	LAS-PLATFORM EXPRESS	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400398952	LAS-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400398953	LAS-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400401162	WELL LOCATION PLAT	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Emailed operator for PDF of CBL. Rec'd PDF of the CBL. 7/31/2013	7/30/2013 2:12:20 PM
Permit	Operator confirmed digital logs originally labeled as "LAS" are mud logs.	7/11/2013 1:37:58 PM
Permit	on hold pending labeling of digital logs.	6/13/2013 1:39:45 PM
Permit	Isolation scanner log (CBL) doc #23202117 in scanning.	5/7/2013 12:23:46 PM
Permit	on hold pending receipt of PDF or paper copy of CBL.	4/16/2013 12:49:55 PM

Total: 5 comment(s)