

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:

400364799

Date Received:

01/04/2013

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: 10311

4. Contact Name: Brianne Visconti

2. Name of Operator: SYNERGY RESOURCES CORPORATION

Phone: (970) 737-1073

3. Address: 20203 HIGHWAY 60

Fax: (970) 737-1045

City: PLATTEVILLE State: CO Zip: 80651

5. API Number 05-123-35224-00

6. County: WELD

7. Well Name: Avex

Well Number: 21-2D

8. Location: QtrQtr: NENW Section: 2 Township: 4N Range: 68W Meridian: 6

Footage at surface: Distance: 1080 feet Direction: FNL Distance: 1568 feet Direction: FWL

As Drilled Latitude: 40.346203 As Drilled Longitude: -104.974628

GPS Data:

Data of Measurement: 12/14/2012 PDOP Reading: 0.5 GPS Instrument Operator's Name: D. Olson

\*\* If directional footage at Top of Prod. Zone Dist.: 446 feet. Direction: FNL Dist.: 2033 feet. Direction: FWL

Sec: 2 Twp: 4N Rng: 68W

\*\* If directional footage at Bottom Hole Dist.: 440 feet. Direction: FNL Dist.: 2039 feet. Direction: FWL

Sec: 2 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) 09/29/2012 13. Date TD: 10/04/2012 14. Date Casing Set or D&A: 10/05/2012

15. Well Classification:

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

16. Total Depth MD 7821 TVD\*\* 7767 17 Plug Back Total Depth MD 7748 TVD\*\* 7694

18. Elevations GR 5004 KB 5017

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:

CBL  
Array Induction  
Triple Combo  
Caliper  
Compensated Neutron

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	585	175	0	585	CALC
1ST	7+7/8	4+1/2	11.6	0	7,805	740	1,340	7,805	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	3,448		<input type="checkbox"/>	<input type="checkbox"/>	
SUSSEX	3,960		<input type="checkbox"/>	<input type="checkbox"/>	
SHANNON	4,503		<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	6,900		<input type="checkbox"/>	<input type="checkbox"/>	
CODELL	7,224		<input type="checkbox"/>	<input type="checkbox"/>	
J SAND	7,681		<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: Brianne Visconti

Title: Administrator Date: 1/4/2013 Email: bvisconti@syrinfo.com

### Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
400364858	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400364860	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>					
400364799	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400364841	LAS-TRIPLE COMBINATION	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400364849	LAS-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400364856	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	BHL is within a legal window, because section is skewed.	4/10/2013 3:13:44 PM

Total: 1 comment(s)