

**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:  
400268689  
  
Date Received:  
04/13/2012

**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: 10311 4. Contact Name: Kori Thoren  
 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 05-123-33835-00 6. County: WELD  
 7. Well Name: Margil Well Number: 21-34D  
 8. Location: QtrQtr: NWNW Section: 34 Township: 4N Range: 68W Meridian: 6  
 Footage at surface: Distance: 1286 feet Direction: FNL Distance: 1213 feet Direction: FWL  
 As Drilled Latitude: 40.273543 As Drilled Longitude: -104.994334

GPS Data:  
 Date of Measurement: 09/21/2011 PDOP Reading: 1.5 GPS Instrument Operator's Name: B. Birch

\*\* If directional footage at Top of Prod. Zone Dist.: 736 feet. Direction: FNL Dist.: 1928 feet. Direction: FWL

Sec: 34 Twp: 4N Rng: 68W

\*\* If directional footage at Bottom Hole Dist.: 739 feet. Direction: FNL Dist.: 1929 feet. Direction: FWL

Sec: 34 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) 08/25/2011 13. Date TD: 08/29/2011 14. Date Casing Set or D&A: 08/30/2011

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

16. Total Depth MD 8151 TVD\*\* 8049 17 Plug Back Total Depth MD 8111 TVD\*\* 8009

18. Elevations GR 5104 KB 5116 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:  
High Resolution Induction Compensated Density Comensated Neutron  
Cement Bond V.D.L. Gamma Ray C.C.L.

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	676	490	0	676	CALC
1ST	7+7/8	4+1/2	11.6	0	8,145	965	1,186	8,145	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	3,758		<input type="checkbox"/>	<input type="checkbox"/>	
SUSSEX	4,380		<input type="checkbox"/>	<input type="checkbox"/>	
SHANNON	4,796		<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	7,223		<input type="checkbox"/>	<input type="checkbox"/>	
FORT HAYS	7,502		<input type="checkbox"/>	<input type="checkbox"/>	
CODELL	7,524		<input type="checkbox"/>	<input type="checkbox"/>	
J SAND	7,981		<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: Kori Thoren

Title: Land Assistant Date: 4/13/2012 Email: kthoren@syrinfo.com

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
400272034	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400272036	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>			
400268689	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400272032	LAS-	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400272037	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

### General Comments

User Group	Comment	Comment Date
Permit	Off Hold. Per operator corrected SHL, top of production, BHL, and added J sand formation top.	3/2/2012 6:26:53 AM
Permit	On Hold. SHL does not match form 2. Missing formations and digital logs.	7/23/2012 12:22:28 PM

Total: 2 comment(s)