

FORM  
5

Rev  
09/14

State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400822045

Date Received:

03/22/2017

DRILLING COMPLETION REPORT

Per Rule 308A, this form and all required attachments shall be submitted after completing the drilling operations to drill, sidetrack, or deepen a wellbore and after changing the casing and cement configuration of a wellbore. If any attempt has been made to test, complete, or produce the well, the operator shall also submit a Form 5A (Completed Interval Report) per Rule 308B. If the well has been plugged, the operator shall also submit a Form 6 (Well Abandonment Report) per Rule 311.

Completion Type  Final completion  Preliminary completion

OGCC Operator Number: 10311 Contact Name: Erin Ekblad  
Name of Operator: SYNERGY RESOURCES CORPORATION Phone: (720) 616.4319  
Address: 1675 BROADWAY SUITE 2600 Fax: (720) 616.4301  
City: DENVER State: CO Zip: 80202

API Number 05-123-39715-00 County: WELD  
Well Name: SRC KIEHN Well Number: C-4NHZ  
Location: QtrQtr: SWSE Section: 4 Township: 4N Range: 68W Meridian: 6  
Footage at surface: Distance: 201 feet Direction: FSL Distance: 1718 feet Direction: FEL  
As Drilled Latitude: 40.335810 As Drilled Longitude: -105.005066

GPS Data:  
Date of Measurement: 01/27/2015 PDOP Reading: 1.4 GPS Instrument Operator's Name: Brett Birch

\*\* If directional footage at Top of Prod. Zone Dist.: 309 feet Direction: FSL Dist.: 1729 feet Direction: FEL  
Sec: 4 Twp: 4N Rng: 68W

\*\* If directional footage at Bottom Hole Dist.: 470 feet Direction: FNL Dist.: 1372 feet Direction: FEL  
Sec: 4 Twp: 4N Rng: 68W

Field Name: WATTENBERG Field Number: 90750  
Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 07/11/2014 Date TD: 07/20/2014 Date Casing Set or D&A: 07/22/2014  
Rig Release Date: 01/18/2015 Per Rule 308A.b.

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

Total Depth MD 11389 TVD\*\* 7071 Plug Back Total Depth MD 11336 TVD\*\* 7072  
Elevations GR 5064 KB 5077 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:  
MWD/LWD, CBL, MUD (Triple Combo 05-123-39719)

CASING, LINER AND CEMENT

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Top	Cmt Bot	Status
SURF	13+1/2	9+5/8	36	0	554	200	0	554	VISU
1ST	8+3/4	7	29	0	7,440	615	1,254	7,440	CBL
1ST LINER	6+1/8	4+1/2	13.5	7209	11,385	325	7,209	11,385	CALC

**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:

\_\_\_\_\_

**FORMATION LOG INTERVALS AND TEST ZONES**

FORMATION NAME	Measured Depth		Check if applies		COMMENTS (All DST and Core Analysis must be submitted to COGCC)
	Top	Bottom	DST	Cored	
PARKMAN	3,397		NO	NO	
SUSSEX	3,900		NO	NO	
SHANNON	4,440		NO	NO	
SHARON SPRINGS	6,877		NO	NO	
NIOBRARA	6,948		NO	NO	

**Operator Comments**

Please note: The Open Hole was run by Triple Combo on SRC Kiehn 31-4CHZ (API# 05-123-39719).

The KB and depths of 556', 7,430', and 11,382' on the mud log are inaccurate. Synergy verified these numbers through accurate sources.

Each attachment and log run during the drilling and completion of a well is intended to fulfill a specific purpose. At times, vendors that run these logs or jobs put additional data in their report that is not critical or relevant to the technical purpose of their job. This data is not verified with Synergy and at times is not 100% accurate. For example, setting depths for a liner, date casing was set, or TD dates on a mud log may not be accurate. Synergy confirms setting depths through either daily drilling reports or liner reports, confirms date casing was set through daily drilling reports, and confirms TD through either our Pason system or daily drilling reports. Additionally, Synergy confirms liner tops through liner reports and not the CBL. Synergy is not able to request that these vendors not include this information in their report.

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

Signed: \_\_\_\_\_ Print Name: Erin Ekblad

Title: Manager Regulatory Affair Date: 3/22/2017 Email: eekblad@syrginfo.com

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
401217329	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
401217327	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>			
400822045	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401217335	LAS-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401217343	LAS-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401217347	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401217354	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401217355	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401217356	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401217358	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401232641	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401239094	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineering Tech	<ul style="list-style-type: none"> <li>• 1st Liner setting depth adjusted from 11389' (TD) to 11385' as per float collar indicated on cement job summary.</li> <li>• Engineering review complete.</li> </ul>	03/30/2017
Permit	Permitting review complete.	03/29/2017
Permit	Returned to draft for operator to correct and/or complete.	10/29/2015

Total: 3 comment(s)