

FORM
5Rev
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



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Document Number:

400822075

Date Received:

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

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 05-123-39716-00

County: WELD

Well Name: SRC KIEHN

Well Number: N-4NHZ

Location: QtrQtr: SWSE Section: 4 Township: 4N Range: 68W Meridian: 6

Footage at surface: Distance: 201 feet Direction: FSL Distance: 1851 feet Direction: FEL

As Drilled Latitude: 40.335804 As Drilled Longitude: -105.005544

GPS Data:

Date of Measurement: 01/27/2015 PDOP Reading: 1.3 GPS Instrument Operator's Name: Brett Birch

** If directional footage at Top of Prod. Zone Dist.: 815 feet. Direction: FSL Dist.: 2651 feet. Direction: FEL

Sec: 4 Twp: 4N Rng: 68W

** If directional footage at Bottom Hole Dist.: 470 feet. Direction: FNL Dist.: 2586 feet. Direction: FWL

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) 09/25/2014 Date TD: 10/04/2014 Date Casing Set or D&A: 10/05/2014

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 11321 TVD** 7000 Plug Back Total Depth MD 11313 TVD** 7000

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	1,340	200	0	1,340	VISU
1ST	8+3/4	7	29	0	7,460	651	125	7,460	CBL
1ST LINER	6+1/8	4+1/2	13.5	7050	11,317				

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	3,357		NO	NO	
SUSSEX	3,970		NO	NO	
SHANNON	4,369		NO	NO	
SHARON SPRINGS	6,884		NO	NO	
NIOBRARA	6,957		NO	NO	

Comment:

Halliburton post job report had 26#/ft for intermediate string, but actual is 29#/ft.

Wrong API# on Goolsby Brothers and associates, inc. mud log. It is listed as 05-123-39719 and should be 05-123-39716. Correction made in the attachment.

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

The KB and depths of 587', 7,459', and 11,305' 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.

This was an open hole where the liner was uncemented and therefore no liner cement job summary and those fields in the casing table have been left blank.

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: _____

Email: eeekblad@syrginfo.com

Attachment Check List

Att Doc Num	Document Name	attached ?
<u>Attachment Checklist</u>		
401217270	CMT Summary *	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
401217269	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>		
401217292	LAS-CEMENT BOND	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401217305	LAS-MUD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401217312	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401217315	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401217316	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401222070	PDF-MUD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401232647	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401239095	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)