

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



DE ET OE ES

Document Number:

400822008

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 05-123-39712-00

County: WELD

Well Name: SRC KIEHN

Well Number: 32-4NHZ

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

Footage at surface: Distance: 201 feet Direction: FSL Distance: 1761 feet Direction: FEL

As Drilled Latitude: 40.335808 As Drilled Longitude: -105.005219

GPS Data:

Date of Measurement: 01/27/2015 PDOP Reading: 1.2 GPS Instrument Operator's Name: Brett Birch

** If directional footage at Top of Prod. Zone Dist.: 863 feet. Direction: FSL Dist.: 1774 feet. Direction: FEL

Sec: 4 Twp: 4N Rng: 68W

** If directional footage at Bottom Hole Dist.: 470 feet. Direction: FNL Dist.: 1812 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) 08/07/2014 Date TD: 08/15/2014 Date Casing Set or D&A: 08/17/2014

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 11329 TVD** 7063 Plug Back Total Depth MD 11276 TVD** 7064

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	560	187	0	560	VISU
1ST	8+3/4	7	29	0	7,529	765	1,068	7,529	CBL
1ST LINER	6+1/8	4+1/2	13.5	7287	11,321				

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	3,368		NO	NO	
SUSSEX	3,814		NO	NO	
SHANNON	4,383		NO	NO	
SHARON SPRINGS	6,843		NO	NO	
NIOBRARA	6,918		NO	NO	

Comment:

The SHL moved from 201 FSL; 1766 FEL to 201 FSL; 1761 FEL. See attached as-drilled plat.

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

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

The KB and depths of 557', 7,509', and 11,327' 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: eekblad@syrinfo.com

Attachment Check List

Att Doc Num	Document Name	attached ?
<u>Attachment Checklist</u>		
401217370	CMT Summary *	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
401217363	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"/>
401239128	Other	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
<u>Other Attachments</u>		
401217374	LAS-CEMENT BOND	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401217380	LAS-MUD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401217383	LAS-MUD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401217388	PDF-MUD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401217389	PDF-MUD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401217393	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401217394	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401217400	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401232635	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401239088	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)