

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:

400707737

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 05-123-38956-00

County: WELD

Well Name: Eberle

Well Number: 14-32-31NHZM

Location: QtrQtr: NESE Section: 32 Township: 1N Range: 66W Meridian: 6

Footage at surface: Distance: 1355 feet Direction: FSL Distance: 850 feet Direction: FEL

As Drilled Latitude: 40.004156 As Drilled Longitude: -104.794548

GPS Data:

Date of Measurement: 09/10/2014 PDOP Reading: 1.1 GPS Instrument Operator's Name: Brett Birch

** If directional footage at Top of Prod. Zone Dist.: 670 feet. Direction: FSL Dist.: 469 feet. Direction: FEL

Sec: 32 Twp: 1N Rng: 66W

** If directional footage at Bottom Hole Dist.: 715 feet. Direction: FSL Dist.: 2174 feet. Direction: FEL

Sec: 31 Twp: 1N Rng: 66W

Field Name: WATTENBERG

Field Number: 90750

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 05/27/2014 Date TD: 06/09/2014 Date Casing Set or D&A: 06/13/2014

Rig Release Date: 07/07/2014 Per Rule 308A.b.

Well Classification:

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

Total Depth MD 14630 TVD** 7496 Plug Back Total Depth MD 14617 TVD** 7496

Elevations GR 5033 KB 5046 Digital Copies of ALL Logs must be Attached per Rule 308A ☒

List Electric Logs Run:

MWD/LWD, CBL, MUD, (Triple Combo 123-38955)

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	1,428	520	0	1,428	VISU
1ST	8+3/4	7	29	0	8,009	655	847	8,009	CBL
1ST LINER	6+1/8	4+1/2	13.5	7449	14,621	610	7,449	14,332	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	4,444		NO	NO	
SUSSEX	4,822		NO	NO	
SHANNON	5,574		NO	NO	
SHARON SPRINGS	7,380		NO	NO	
NIOBRARA	7,405		NO	NO	

Comment:

We are unable to get a copy of the las version of the MWD log. We have made several attempts to receive this from the vendor.

A formal as-drilled was performed and is attached with this submittal as verification of the surface location and ground elevation. Any other attachment that shows a different surface location or ground elevation is not accurate.

BHL footages taken off the first page of the directional survey.

KB elevation of 5,046 came from the directional survey.

Wet Shoe (assumed 5 bbl based on Eberle 14-32-31CHZM, cement report does not indicate what volume was pumped for wet shoe).

Bottom perf = TDMD because last perf was below the liner cement bottom (wet shoe).

MWD has incorrect API, verified that it is still the correct log.

The mud log has 7,537 intermediate casing set but it should be 8,009.

The CBL has a top of liner of 7,429 but that is the PRB depth. The true top of liner via the liner reports is 7,449, which is what is on this form.

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.

Please note: The Open Hole was run by Triple Combo on Eberle B-32CHZ (API# 05-123-38955).

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: Regulatory Manager

Date: _____

Email: eeekblad@srcenergy.com

Attachment Check List

Att Doc Num	Document Name	attached ?
<u>Attachment Checklist</u>		
401283624	CMT Summary *	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
401283616	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>		
401283579	PDF-MUD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401283585	LAS-MUD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401283588	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401283590	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401283597	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401283608	LAS-CEMENT BOND	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401283614	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401283620	WELL LOCATION PLAT	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)