

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:

400706807

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 05-123-38957-00

County: WELD

Well Name: Eberle

Well Number: 14-32-31CHZM

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

Footage at surface: Distance: 1356 feet Direction: FSL Distance: 829 feet Direction: FEL

As Drilled Latitude: 40.004156 As Drilled Longitude: -104.794472

GPS Data:

Date of Measurement: 09/10/2014 PDOP Reading: 0.8 GPS Instrument Operator's Name: Brett Birch

** If directional footage at Top of Prod. Zone Dist.: 473 feet. Direction: FSL Dist.: 1003 feet. Direction: FEL

Sec: 32 Twp: 1N Rng: 66W

** If directional footage at Bottom Hole Dist.: 475 feet. Direction: FSL Dist.: 2195 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) 06/14/2014 Date TD: 07/02/2014 Date Casing Set or D&A: 07/04/2014

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 14795 TVD** 7653 Plug Back Total Depth MD 14788 TVD** 7653

Elevations GR 5034 KB 5047 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	1,419	510	0	1,419	VISU
1ST	8+3/4	7	29	0	8,171	725	506	8,171	CBL
1ST LINER	6+1/8	4+1/2	13.5	7870	14,791	530	7,870	14,495	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	4,436		NO	NO	
SUSSEX	4,833		NO	NO	
SHANNON	5,591		NO	NO	
SHARON SPRINGS	7,376		NO	NO	
NIOBRARA	7,382		NO	NO	
FORT HAYS	8,030		NO	NO	
CODELL	8,200		NO	NO	

Comment:

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.

The directional plan has BHL footages of 487 FSL and 2182 FEL on the first page top right. These are not the accurate BHL footages. The accurate BHL footages are 475 FSL and 2195 FEL as listed on the first page bottom right.

KB elevation of 5,047 came from the directional survey.

Wet Shoe (5 bbl based on cement report for production liner)

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

MWD logs have incorrect name in header, verified that they are for the correct well (well name correct below header)

The CBL has a top of liner of 7,850 but that is the PRB depth. The true top of liner via the liner reports is 7,870, which is what is on this form.

The mud log has 8,172 intermediate casing set but it should be 8,171. It also has 14,789 and production liner hung which should be 14,791.

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: eekblad@srcenergy.com**Attachment Check List**

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
401282940	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
401282926	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>			
401282847	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401282859	LAS-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401282865	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401282869	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401282889	LAS-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401282897	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401282899	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401282919	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401282933	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)