

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:

401502068

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: Dave Kulmann

Name of Operator: SRC ENERGY INC

Phone: (720) 616-4382

Address: 1675 BROADWAY SUITE 2600

Fax: (720) 616-4301

City: DENVER State: CO Zip: 80202

API Number 05-123-43771-00

County: WELD

Well Name: Kawata

Well Number: 32N-17B-M

Location: QtrQtr: NWNE Section: 16 Township: 4N Range: 66W Meridian: 6

Footage at surface: Distance: 1140 feet Direction: FNL Distance: 2346 feet Direction: FEL

As Drilled Latitude: 40.315788 As Drilled Longitude: -104.781647

GPS Data:

Date of Measurement: 02/17/2017 PDOP Reading: 1.9 GPS Instrument Operator's Name: Nick Roadifer

** If directional footage at Top of Prod. Zone Dist.: 2399 feet. Direction: FNL Dist.: 1918 feet. Direction: FWL

Sec: 16 Twp: 4N Rng: 66W

** If directional footage at Bottom Hole Dist.: 2408 feet. Direction: FNL Dist.: 494 feet. Direction: FWL

Sec: 17 Twp: 4N Rng: 66W

Field Name: WATTENBERG

Field Number: 90750

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 11/03/2016 Date TD: 12/06/2016 Date Casing Set or D&A: 12/07/2016

Rig Release Date: 01/22/2017 Per Rule 308A.b.

Well Classification:

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

Total Depth MD 14562 TVD** 7021 Plug Back Total Depth MD 14415 TVD** 7023

Elevations GR 4731 KB 4756 Digital Copies of ALL Logs must be Attached per Rule 308A ☒

List Electric Logs Run:

MWD/LWD, Mud Log, CBL, MWD/LWD with Resistivity, (Pulsed Neutron 123-43768)

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
CONDUCTOR	26	16	55	0	80	70	0	80	VISU
SURF	13+1/2	9+5/8	36	0	1,745	600	0	1,745	VISU
1ST	8+1/2	5+1/2	20	0	14,522	1,955	80	14,408	CBL

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	3,678		NO	NO	
SUSSEX	4,281		NO	NO	
SHANNON	4,687		NO	NO	
SHARON SPRINGS	7,104		NO	NO	
NIOBRARA	7,166		NO	NO	

Comment:

An open hole resistivity log with gamma ray was run on this well for the pad. Also, a Pulsed Neutron log was run on well 123-43768.

The BHL footages are from the "Projection to Bit" numbers listed on the first page of the directional survey.

9 bbl wet shoe

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 SRC Energy 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. SRC Energy 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, SRC Energy 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.

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.

Top perf = 7,790. Per directional, at 7,741' well moved south 1,260' and west 905' and at 7,831' well moved south 1,258' and west 995'. The well-travelled west at the same ratio as the well's MD.

CALCULATING N/S TPZ = surface location was 1,140' FNL and 1259' was added to get 2,399' FNL for TPZ footage. Spilt the difference of the two numbers.

CALCULATING E/W TPZ = surface location was 2,346' FEL. This well crossed the center line of section 16 and therefore the TPZ switched from a footage of FEL to FWL. Since both the MD and the well's movement to the west followed the same footage difference between the 7,741' and 7,831' MD values on the directional, a proportional footage was taken. At 7,831' the well moved 995' to the west. But 7,831' was 41' away from the top of perf of 7,790'. Therefore this 41' was subtracted from the 995' the well moved to get a total movement of 954' to the west. According to the survey, the east half of section 16 was 2,613' in width (1306.47 + 1306.65). Therefore the well moved the remaining 267' in that half (2,613 - 2,346 at surface location). That means the well-travelled 687' into the west half (954-267). According to the survey, the west half of section 16 was 2,605' in width. Therefore, 687' is subtracted from this amount and the footage becomes 1,918 FWL.

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

Signed: _____

Print Name: Dave Kulmann

Title: Regulatory Director

Date:

Email: dkulmann@srcenergy.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
401536474	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
401536472	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>			
401536470	WELL LOCATION PLAT	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401536473	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401536476	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401536494	LAS-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401536495	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401536496	LAS-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401536500	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401536501	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401536502	LAS-RESISTIVITY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401536506	PDF-RESISTIVITY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments**User Group****Comment****Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)