

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:

401582756

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: Christi Ng

Name of Operator: SRC ENERGY INC

Phone: (720) 616-4385

Address: 1675 BROADWAY SUITE 2600

Fax: (720) 616-4301

City: DENVER State: CO Zip: 80202

API Number 05-123-44833-00

County: WELD

Well Name: Leffler

Well Number: 1C-23-L

Location: QtrQtr: SENE Section: 21 Township: 6N Range: 66W Meridian: 6

Footage at surface: Distance: 1880 feet Direction: FNL Distance: 274 feet Direction: FEL

As Drilled Latitude: 40.475989 As Drilled Longitude: -104.774348

GPS Data:

Date of Measurement: 02/21/2018 PDOP Reading: 1.3 GPS Instrument Operator's Name: Rob Wilson

** If directional footage at Top of Prod. Zone Dist.: 1037 feet. Direction: FNL Dist.: 119 feet. Direction: FWL

Sec: 22 Twp: 6N Rng: 66W

** If directional footage at Bottom Hole Dist.: 1020 feet. Direction: FNL Dist.: 398 feet. Direction: FEL

Sec: 23 Twp: 6N Rng: 66W

Field Name: WATTENBERG

Field Number: 90750

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 05/30/2017 Date TD: 07/30/2017 Date Casing Set or D&A: 07/31/2017

Rig Release Date: 08/30/2017 Per Rule 308A.b.

Well Classification:

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

Total Depth MD 17875 TVD** 7169 Plug Back Total Depth MD 17749 TVD** 7173

Elevations GR 4748 KB 4773 Digital Copies of ALL Logs must be Attached per Rule 308A ☒

List Electric Logs Run:

MWD/LWD, CBL, MUD, (Resistivity in API 123-44823)

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	40	48	0	40	VISU
SURF	13+1/2	9+5/8	36	0	1,760	720	0	1,760	VISU
1ST	8+1/2	5+1/2	20	0	17,830	2,287	140	17,740	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	3,711		NO	NO	
SUSSEX	4,193		NO	NO	
SHANNON	4,833		NO	NO	
SHARON SPRINGS	6,898		NO	NO	
NIOBRARA	6,935		NO	NO	
FORT HAYS	7,433		NO	NO	
CODELL	7,585		NO	NO	
CARLILE	17,091		NO	NO	Well faulted into the Carlile in the lateral from 17091'-17267' MD.

Comment:

No open hole resistivity log with gamma ray was ran on this well. Open hole resistivity/triple combo log ran on Open hole resistivity log/Gamma Ray ran on Leffler 8N-23B-L (API 123-44823), which shares the same pad.

Surface and production casing setting depths on Surface Cement Job Summary and Production Cement Job Summary are incorrect. Reported depths on casing tab, 1760' is the accurate surface csg setting depth and 17830' is the accurate production csg setting depth. 6 bbl wet shoe.

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

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.

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

Signed: _____

Print Name: Christi Ng

Title: Sr. Regulatory Analyst

Date: _____

Email: cng@srcenergy.com

Attachment Check List

Att Doc Num	Document Name	attached ?
<u>Attachment Checklist</u>		
401582821	CMT Summary *	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
401582823	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>		
401582806	LAS-CEMENT BOND	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401582808	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401582811	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401582813	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401582815	LAS-MUD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401582817	PDF-MUD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401582819	WELL LOCATION PLAT	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401582824	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)