

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:

400671251

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 05-123-37397-00

County: WELD

Well Name: SRC Union

Well Number: A-5NHZ

Location: QtrQtr: SWNW Section: 5 Township: 2N Range: 68W Meridian: 6

Footage at surface: Distance: 1672 feet Direction: FNL Distance: 365 feet Direction: FWL

As Drilled Latitude: 40.170182 As Drilled Longitude: -105.035150

GPS Data:

Date of Measurement: 07/18/2014 PDOP Reading: 1.2 GPS Instrument Operator's Name: Brett Birch

** If directional footage at Top of Prod. Zone Dist.: 1148 feet. Direction: FNL Dist.: 932 feet. Direction: FWL

Sec: 5 Twp: 2N Rng: 68W

** If directional footage at Bottom Hole Dist.: 1228 feet. Direction: FNL Dist.: 1597 feet. Direction: FEL

Sec: 5 Twp: 2N Rng: 68W

Field Name: WATTENBERG

Field Number: 90750

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 03/28/2014 Date TD: 04/09/2014 Date Casing Set or D&A: 04/12/2014

Rig Release Date: 04/29/2014 Per Rule 308A.b.

Well Classification:

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

Total Depth MD 10375 TVD** 7093 Plug Back Total Depth MD 10371 TVD** 7092

Elevations GR 4963 KB 4977 Digital Copies of ALL Logs must be Attached per Rule 308A ☒

List Electric Logs Run:

MWD/LWD, CBL, MUD

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	559	220	0	559	VISU
1ST	8+3/4	7	26	0	7,518	480	2,950	7,518	CBL
1ST LINER	6+1/8	4+1/2	13.5	7142	10,378				

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	3,320		NO	NO	
SUSSEX	4,222		NO	NO	
SHARON SPRINGS	6,812		NO	NO	
NIOBRARA	6,852		NO	NO	
FORT HAYS	7,417		NO	NO	
CODELL	7,525		NO	NO	
CARLILE	7,658		NO	NO	

Comment:

There was no OPEN HOLE Log run on this pad and none exist from a nearby well. Synergy notified COGCC Jane Stanczyk.

The Shannon formation faulted out and there are no tops for this formation for this well.

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 of the first page of the directional survey.

Sliding sleeve liner.

Bottom perf = TDMD due to last sleeve being below bottom packer in sliding sleeve liner.

Surface cement report has incorrect well name (missing the #5 in A-5NHZ). Verified that it is the correct cement report.

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.

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>		
401302658	CMT Summary *	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
401302655	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>		
401302654	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401302666	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401302676	LAS-CEMENT BOND	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401302678	LAS-MUD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401302680	PDF-MUD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401302682	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401302683	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401302685	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401303069	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)