

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:

401475148

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: 10575

Contact Name: Kamrin Ruder

Name of Operator: 8 NORTH LLC

Phone: (720) 9747743

Address: 370 17TH STREET SUITE 5300

Fax:

City: DENVER State: CO Zip: 80202

API Number 05-123-45416-00

County: WELD

Well Name: Darlene East

Well Number: 29N-20-11C

Location: QtrQtr: SWSE Section: 29 Township: 12N Range: 61W Meridian: 6

Footage at surface: Distance: 364 feet Direction: FSL Distance: 1830 feet Direction: FEL

As Drilled Latitude: 40.974058 As Drilled Longitude: -104.226772

## GPS Data:

Date of Measurement: 11/07/2017 PDOP Reading: 1.4 GPS Instrument Operator's Name: Aaron Rivera

\*\* If directional footage at Top of Prod. Zone Dist.: 351 feet. Direction: FSL Dist.: 536 feet. Direction: FEL

Sec: 29 Twp: 12N Rng: 61W

\*\* If directional footage at Bottom Hole Dist.: 746 feet. Direction: FNL Dist.: 420 feet. Direction: FEL

Sec: 20 Twp: 11N Rng: 61W

Field Name: GROVER

Field Number: 33380

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 10/07/2017 Date TD: 10/11/2017 Date Casing Set or D&amp;A: 10/12/2017

Rig Release Date: 10/13/2017 Per Rule 308A.b.

## Well Classification:

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

Total Depth MD 17387 TVD\*\* 7153 Plug Back Total Depth MD 17377 TVD\*\* 7153

Elevations GR 5247 KB 5272 Digital Copies of ALL Logs must be Attached per Rule 308A ☒

## List Electric Logs Run:

MUD, MWD, CBL, TRIPLE COMBO

## 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	24	16	42	0	80	100	0	80	VISU
SURF	12+1/4	9+5/8	36	0	1,597	600	0	1,597	VISU
1ST	8+1/2	5+1/2	20	0	17,377	2,775	106	17,377	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	3,083		NO	NO	
SUSSEX	4,163		NO	NO	
SHANNON	4,910		NO	NO	
SHARON SPRINGS	7,106		NO	NO	
NIOBRARA	7,134		NO	NO	
FORT HAYS	7,567		NO	NO	
CODELL	7,694		NO	NO	

Comment:

The Darlene 29-20-11C well's surface hole location was switched with the Darlene 32-20-11C well. The document number for this Sundry is 401474692.

The TPZ footages are estimates calculated through Directional Plotting Software—from where the production string (5 ½" casing) crosses the 460' setback hardline. The actual footages will be submitted with the Form 5A.

The LAS version of the CBL is uploaded to show the vertical portion of GR.

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

Signed: \_\_\_\_\_

Print Name: Kamrin Ruder

Title: Drilling Technician

Date: \_\_\_\_\_

Email: kruder@extractionog.com

### Attachment Check List

Att Doc Num	Document Name	attached ?
<u>Attachment Checklist</u>		
401484830	CMT Summary *	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
401484834	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>		
401484829	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401484836	LAS-CEMENT BOND	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401484843	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401484859	PDF-MUD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401484866	LAS-GAMMA RAY	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401484868	PDF-GAMMA RAY	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401484870	PDF-TRIPLE COMBINATION	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)