

**FORM**  
**5**Rev  
10/14**State of Colorado**  
**Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

402147509

Date Received:

**DRILLING COMPLETION REPORT**

Per Rule 308A, this form and all required attachments shall be submitted after completing the drilling operations to drill, sidetrack, or deepen a wellbore and after changing the casing and/or cement configuration of a wellbore. If any attempt has been made to test, complete, or produce the well, the operator shall also submit a Form 5A (Completed Interval Report) per Rule 308B. If the well has been plugged, the operator shall also submit a Form 6 (Well Abandonment Report) per Rule 311.

Completion Type ☒ Final completion ☐ Preliminary completion

OGCC Operator Number: 100322

Contact Name: Craig Richardson

Name of Operator: NOBLE ENERGY INC

Phone: (303) 228-4232

Address: 1001 NOBLE ENERGY WAY

Fax:

City: HOUSTON

State: TX

Zip: 77070

Email: stephany.olsen@nblenergy.com

API Number 05-123-49603-00

County: WELD

Well Name: STARS FEDERAL

Well Number: LD17-760

Location: QtrQtr: SWSW Section: 5 Township: 9N Range: 58W Meridian: 6  
FNL/FSL FEL/FWL

Footage at surface: Distance: 285 feet Direction: FSL Distance: 1166 feet Direction: FWL

As Drilled Latitude: 40.773817 As Drilled Longitude: -103.893261

GPS Data:

Date of Measurement: 06/12/2019 PDOP Reading: 2.3 GPS Instrument Operator's Name: Toa Sagapolutele

FNL/FSL

FEL/FWL

\*\* If directional footage at Top of Prod. Zone Dist: 209 feet Direction: FNL Dist: 1973 feet Direction: FWL  
Sec: 8 Twp: 9N Rng: 58W

FNL/FSL

FEL/FWL

\*\* If directional footage at Bottom Hole Dist: 456 feet Direction: FNL Dist: 2010 feet Direction: FWL  
Sec: 17 Twp: 9N Rng: 58W

Field Name: DJ HORIZONTAL NIOBRARA

Field Number: 16950

Federal, Indian or State Lease Number: COC76992

Spud Date: (when the 1st bit hit the dirt) 06/18/2019 Date TD: 07/02/2019 Date Casing Set or D&amp;A: 07/03/2019

Rig Release Date: 07/08/2019 Per Rule 308A.b.

Well Classification:

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

Total Depth MD 11988 TVD\*\* 5903 Plug Back Total Depth MD 11921 TVD\*\* 5903

Elevations GR 4834 KB 4864

Digital Copies of ALL Logs must be Attached per Rule 308A ☒

List Electric Logs Run:

CBL, MWD/LWD, (Resistivity in 123-49608)

**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	36.94	0	110	64	0	110	CALC
SURF	13+1/2	9+5/8	36	0	1,918	643	0	1,918	VISU
1ST	8+1/2	5+1/2	17	0	11,968	1,156	2,504	11,968	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	3,404				
SUSSEX	4,013				
TEEPEE BUTTES	5,196				
NIOBRARA	5,846				

Operator Comments:

TPZ is actual.

As drilled GPS was surveyed after conductor was set.

Alternative Logging Program: No open hole logs run per rule 317.p. Resistivity ran on Stars Federal LD17-780 (123-49608).

Due to the irregular section, the calculated TPZ is incorrect. TPZ on this well was confirmed in CAD with the final directional survey. Please find the CAD verification attached as other.

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

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

Print Name: Stephany OlsenTitle: Regulatory Analyst Date: \_\_\_\_\_ Email: stephany.olsen@nblenergy.com

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
402167127	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
402168435	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"/>
402171680	Other	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
<u>Other Attachments</u>			
402167129	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402167161	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402167164	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402167165	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402168438	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	•Returned to draft at Operator's request	09/10/2019

Total: 1 comment(s)

