

**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:

402147511

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: Denverregulatory@nbleenergy.com

API Number 05-123-49610-00

County: WELD

Well Name: STARS FEDERAL

Well Number: LD17-770

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

Footage at surface: Distance: 285 feet Direction: FSL Distance: 1128 feet Direction: FWL

As Drilled Latitude: 40.773810 As Drilled Longitude: -103.893756

GPS Data:

Date of Measurement: 06/12/2019 PDOP Reading: 2.0 GPS Instrument Operator's Name: Toa Sagapolutele  
FNL/FSL FEL/FWL\*\* If directional footage at Top of Prod. Zone Dist: 203 feet Direction: FNL Dist: 1337 feet Direction: FWL  
Sec: 8 Twp: 9N Rng: 58W\*\* If directional footage at Bottom Hole Dist: 145 feet Direction: FSL Dist: 1315 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: 06/28/2019 Date Casing Set or D&amp;A: 06/30/2019

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 16619 TVD\*\* 5897 Plug Back Total Depth MD 16555 TVD\*\* 5898

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	1,919	650	0	1,919	VISU
1ST	8+1/2	5+1/2	17	0	16,602	1,677	3,356	16,602	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	3,372				
SUSSEX	3,971				
TEEPEE BUTTES	5,130				
NIOBRARA	5,797				

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).

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>			
402167183	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
402168474	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>			
402167187	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402167188	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402167190	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402167192	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402277472	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	Updated TPZ footages per form 5A submit comment. Sharon Springs top missing. Imported directional drilling data does not include projection to bit. Return to draft.	01/02/2020

Total: 1 comment(s)

