

FORM
5

Rev
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



Document Number:

401227238

Date Received:

05/01/2018

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 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: LOGAN BOUGHAL
Name of Operator: NOBLE ENERGY INC Phone: (832) 6397447
Address: 1001 NOBLE ENERGY WAY Fax:
City: HOUSTON State: TX Zip: 77070

API Number 05-123-42942-00 County: WELD
Well Name: Earp Federal Well Number: LC23-740
Location: QtrQtr: SWSE Section: 11 Township: 9N Range: 59W Meridian: 6
Footage at surface: Distance: 363 feet Direction: FSL Distance: 2322 feet Direction: FEL
As Drilled Latitude: 40.759223 As Drilled Longitude: -103.944271

GPS Data:
Date of Measurement: 12/06/2016 PDOP Reading: 2.6 GPS Instrument Operator's Name: Toa Sagapolutele

** If directional footage at Top of Prod. Zone Dist.: 270 feet Direction: FSL Dist.: 1643 feet Direction: FEL
Sec: 11 Twp: 9N Rng: 59W

** If directional footage at Bottom Hole Dist.: 863 feet Direction: FSL Dist.: 1649 feet Direction: FEL
Sec: 23 Twp: 9N Rng: 59W

Field Name: DJ HORIZONTAL NIOBRARA Field Number: 16950
Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 12/29/2016 Date TD: 01/01/2017 Date Casing Set or D&A: 01/02/2017
Rig Release Date: 01/09/2017 Per Rule 308A.b.

Well Classification:
 Dry Oil Gas/Coalbed Disposal Stratigraphic Enhanced Recovery Storage Observation

Total Depth MD 16776 TVD** 6047 Plug Back Total Depth MD 16717 TVD** 6047

Elevations GR 4944 KB 4974 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:
CBL, MWD/LWD, (DIL in 123-42947 & 123-42953)

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	42.09	0	110	64	0	110	CALC
SURF	13+1/2	9+5/8	36	0	1,930	660	0	1,930	VISU
1ST	8+1/2	5+1/2	20	0	16,766	1,915	386	16,766	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	
PIERRE	796				
PARKMAN	3,566				
SUSSEX	4,139				
SHANNON	4,675				
TEEPEE BUTTES	5,464				
NIOBRARA	6,173				

Operator Comments

As drilled GPS was suveyed after conductor was set on 11/28/2016.
No Mud logs ran. Resistivity log was ran on Ringo Federal LC23-725 (123-42947) and Tombstone Fed. LC23-755 (123-42953)
TPZ is estimated, actual TPZ will be submitted on the form 5A.

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

Signed: _____ Print Name: LOGAN BOUGHAL

Title: Regulatory Analyst II Date: 5/1/2018 Email: LOGAN.BOUGHAL@NBLENERGY.COM

Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
401227315	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401227318	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
401227311	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>			
401227238	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401227291	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401227296	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401227298	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401227305	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401227313	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	Changed the field name from wildcat to DJ Horizontal Niobrara Changed MWD/LWD to their standard industry abbreviations	05/04/2018
Permit	Send back to draft since submitter is not on the designated agent list Changed plug back depth to 16,717 as per operator	04/19/2018

Total: 2 comment(s)