

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:

400864037

Date Received:

07/28/2015

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: EILEEN ROBERTS
Name of Operator: NOBLE ENERGY INC Phone: (303) 2284330
Address: 1625 BROADWAY STE 2200 Fax: (303) 2284286
City: DENVER State: CO Zip: 80202

API Number 05-123-37603-00 County: WELD
Well Name: Reliance E Well Number: 23-65-1HC
Location: QtrQtr: NESE Section: 23 Township: 6N Range: 65W Meridian: 6
Footage at surface: Distance: 2103 feet Direction: FSL Distance: 280 feet Direction: FEL
As Drilled Latitude: 40.469980 As Drilled Longitude: -104.621850

GPS Data:
Date of Measurement: 12/03/2014 PDOP Reading: 3.4 GPS Instrument Operator's Name: Toa Sagapolutele

** If directional footage at Top of Prod. Zone Dist.: 2298 feet Direction: FSL Dist.: 841 feet Direction: FEL
Sec: 23 Twp: 6N Rng: 65W
** If directional footage at Bottom Hole Dist.: 2340 feet Direction: FSL Dist.: 538 feet Direction: FWL
Sec: 23 Twp: 6N Rng: 65W

Field Name: WATTENBERG Field Number: 90750
Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 03/04/2015 Date TD: 03/09/2015 Date Casing Set or D&A: 03/11/2015
Rig Release Date: 03/31/2015 Per Rule 308A.b.

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

Total Depth MD 11352 TVD** 7012 Plug Back Total Depth MD 11257 TVD** 7014
Elevations GR 4695 KB 4725 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:
CBL/Mud/Gamma. The designated resistivity log run on the pad is, Reliance E 23-66-1HC

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	130	80	0	130	VISU
SURF	13+1/2	9+5/8	36	0	808	344	0	808	VISU
1ST	8+3/4	9+5/8	26	0	7,470	544	830	7,470	CBL
1ST LINER	6+1/8	4+1/2	11.6	7261	11,346				

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	948				
PARKMAN	3,608				
SUSSEX	4,106				
SHANNON	4,901				
NIOBRARA	6,807				
FORT HAYS	7,413				
CODELL	7,501				

Operator Comments

Per operator:

"This well has a liner set (intended to be cemented) however it was just hung in the well; no cement or packers. When they were trying to cement they couldn't get any circulation. So the form 5 and 5a are correct, this is a liner and a plug and perf completion.

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

Signed: _____ Print Name: Eileen Roberts

Title: Regulatory Analyst I Date: 7/28/2015 Email: eroberts@nobleenergyinc.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
Attachment Checklist			
400864168	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400864171	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"/>
Other Attachments			
400864037	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400864151	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400864154	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400864155	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400864158	LAS-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400864159	PDF-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400864160	PDF-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400864173	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineering Tech	Logs for pad run on 123-37605. "Date Rig Released" adjusted from 3/12/2015 to 3/31/2015 as per last well on pad (123-37606). Casing/Liner tops corrected from 30' to surface (0'). API# on Gamma logs is incorrect (123-37602), but logs are correct.	11/2/2016 10:21:27 AM
Permit	Added operator comments, per operator email 10/26/2016.	10/26/2016 3:31:38 PM
Permit	Corrected TPZ footages to reflect directional survey reported values.	10/26/2016 1:59:35 PM
Permit	Corrected as-drilled GPS values as these values were switched with the adjacent 123-36704.	10/26/2016 12:20:56 PM

Total: 4 comment(s)