

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:

400472497

Date Received:

08/26/2013

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: Kathleen Mills
Name of Operator: NOBLE ENERGY INC Phone: (720) 587-2226
Address: 1625 BROADWAY STE 2200 Fax: (303) 228-4286
City: DENVER State: CO Zip: 80202

API Number 05-123-33852-00 County: WELD
Well Name: RHINO STATE D Well Number: 27-27D
Location: QtrQtr: NESW Section: 27 Township: 3N Range: 64W Meridian: 6
Footage at surface: Distance: 2590 feet Direction: FSL Distance: 2583 feet Direction: FWL
As Drilled Latitude: 40.196230 As Drilled Longitude: -104.537760

GPS Data:
Date of Measurement: 09/16/2011 PDOP Reading: 2.6 GPS Instrument Operator's Name: PAUL TAPPY

** If directional footage at Top of Prod. Zone Dist.: 79 feet Direction: FSL Dist.: 1329 feet Direction: FEL
Sec: 22 Twp: 3N Rng: 64W
** If directional footage at Bottom Hole Dist.: 75 feet Direction: FSL Dist.: 1320 feet Direction: FEL
Sec: 22 Twp: 3N Rng: 64W

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

Spud Date: (when the 1st bit hit the dirt) 08/31/2011 Date TD: 09/04/2011 Date Casing Set or D&A: 09/04/2011
Rig Release Date: Per Rule 308A.b.

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

Total Depth MD 8034 TVD** 7165 Plug Back Total Depth MD 7990 TVD** 7121
Elevations GR 4866 KB 4879 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:
CBL

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
SURF	12+1/4	8+5/8	24	0	824	312	0	824	VISU
1ST	7+7/8	4+1/2	11.6	0	8,034	665	1,994	8,034	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	3,167				
PARKMAN	4,202				
SUSSEX	4,963				
SHANNON	5,705				
TEEPEE BUTTES	6,873				
NIOBRARA	7,608				
FORT HAYS	7,856				
CODELL	7,880				

Operator Comments

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

Signed: _____ Print Name: Kathleen Mills

Title: Regulatory Analyst Date: 8/26/2013 Email: kmills@nobleenergyinc.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
Attachment Checklist			
400472531	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400472532	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			
400472497	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400472525	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400472533	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	Operator supplied corrected Ft. Hays and Codell Fm. top MD's. Data has been input into form. Operator confirmed that CBL was only log run.	2/18/2015 11:43:49 AM
Permit	Contacted operator to verify top MD values of Ft. Hays and Codell, and to verify if any additional well logs are available.	2/17/2015 3:03:17 PM

Total: 2 comment(s)