

FORM
5Rev
02/08

State of Colorado

Oil and Gas Conservation Commission

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



DE ET OE ES

Document Number:

2610012

Date Received:

12/29/2009

DRILLING COMPLETION REPORT

This form is to be submitted within 30 days of the setting of production casing, the plugging of a dry hole, the deepening or sidetracking of a well, or any time the wellbore configuration is changed. If the well is deepened or sidetracked a new Form 5 is required. If an attempt has been made to complete/produce a well, then the operator shall submit Form 5A (Completed Interval Report.) If the well has been plugged, a form 6 (Well Abandonment Report) is required.

Completion Type ☒ Final completion ☐ Preliminary completion

1. OGCC Operator Number: 100322

4. Contact Name: ANDREA RAWSON

2. Name of Operator: NOBLE ENERGY INC

Phone: (281) 876-6105

3. Address: 1625 BROADWAY STE 2200

Fax: (281) 876-2503

City: DENVER State: CO Zip: 80202

5. API Number 05-123-28123-00

6. County: WELD

7. Well Name: HAREN K

Well Number: 21-29

8. Location: QtrQtr: SWSW Section: 16 Township: 4N Range: 66W Meridian: 6

Footage at surface: Distance: 196 feet Direction: FSL Distance: 1232 feet Direction: FWL

As Drilled Latitude: 40.304941 As Drilled Longitude: -104.787457

GPS Data:

Date of Measurement: 11/20/2009 PDOP Reading: 2.0 GPS Instrument Operator's Name: BRIAN DEROSE

** If directional footage at Top of Prod. Zone Dist.: feet. Direction: Dist.: feet. Direction:

Sec: Twp: Rng:

** If directional footage at Bottom Hole Dist.: feet. Direction: Dist.: feet. Direction:

Sec: Twp: Rng:

9. Field Name: WATTENBERG

10. Field Number: 90750

11. Federal, Indian or State Lease Number:

12. Spud Date: (when the 1st bit hit the dirt) 03/31/2009 13. Date TD: 04/02/2009 14. Date Casing Set or D&A: 04/02/2009

15. Well Classification:

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

16. Total Depth MD 7402 TVD** 17 Plug Back Total Depth MD 7382 TVD**

18. Elevations GR 4741 KB 4754

One paper copy of all electric and mud logs must be submitted, along with one digital LAS copy as available.

19. List Electric Logs Run:

CBL/GR/CCL, CDL/CNL/ML, DIL/GR

20. Casing, Liner and Cement:

CASING

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		0	561	240	0	561	CALC
1ST	7+7/8	4+1/2		0	7,398	970	1,123	7,398	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:					

21. Formation log intervals and test zones:

FORMATION LOG INTERVALS AND TEST ZONES					
FORMATION NAME	Measured Depth		Check if applies		COMMENTS (All DST and Core Analyses must be submitted to COGCC)
	Top	Bottom	DST	Cored	
NIOBRARA	6,969		<input type="checkbox"/>	<input type="checkbox"/>	
FORT HAYS	7,224		<input type="checkbox"/>	<input type="checkbox"/>	
CODELL	7,246		<input type="checkbox"/>	<input type="checkbox"/>	
GREENHORN	7,303		<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

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

Signed: Y _____ Print Name: ANDREA RAWSON _____

Title: REGULATORY SPECIALIST Date: 12/1/2009 Email: ARAWSON@NOBLEENERGYINC.COM

Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
	CMT Summary *	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
	Directional Survey **	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
	DST Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
	Logs	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
	Other	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)