

FORM
5Rev
02/08**State of Colorado****Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

400255881

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: MARI CLARK

2. Name of Operator: NOBLE ENERGY INC

Phone: (303) 228-4413

3. Address: 1625 BROADWAY STE 2200

Fax: (303) 228-4286

City: DENVER State: CO Zip: 80202

5. API Number 05-123-34611-00

6. County: WELD

7. Well Name: MANSFIELD E

Well Number: 36-65HN

8. Location: QtrQtr: SWNW Section: 36 Township: 6N Range: 65W Meridian: 6

Footage at surface: Distance: 2448 feet Direction: FNL Distance: 238 feet Direction: FWL

As Drilled Latitude: 40.442960 As Drilled Longitude: -104.619882

GPS Data:

Date of Measurement: 06/24/2011 PDOP Reading: 2.0 GPS Instrument Operator's Name: BRIAN BRINKMAN

** If directional footage at Top of Prod. Zone Dist.: 2810 feet. Direction: FNL Dist.: 728 feet. Direction: FWL

Sec: 36 Twp: 6N Rng: 65W

** If directional footage at Bottom Hole Dist.: 2640 feet. Direction: FNL Dist.: 535 feet. Direction: FEL

Sec: 36 Twp: 6N Rng: 65W

9. Field Name: WATTENBERG

10. Field Number: 90750

11. Federal, Indian or State Lease Number: 81/6537-S

12. Spud Date: (when the 1st bit hit the dirt) 02/20/2012 13. Date TD: 02/26/2012 14. Date Casing Set or D&A: 02/25/2012

15. Well Classification:

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

16. Total Depth MD 7500 TVD** 6727 17 Plug Back Total Depth MD 0 TVD** 0

18. Elevations GR 4654 KB 4667

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:

None run for this well bore. The CBL will be run on the 05-123-34611-01. No plugs or cement were set @ KOP of unplanned sidetrack.

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
CONDUCTOR	18+1/2	16+0/0		0	100	6	100	0	CALC
SURF	13+3/4	9+5/8	36	0	609	307	609	0	CALC
1ST	8+3/4	7+7/7	26	0	7,135	565	7,135		CALC

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: _____

Method used	String	Cementing tool setting/pref 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	
SUSSEX	4,296		<input type="checkbox"/>	<input type="checkbox"/>	
SHANNON	4,905		<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	6,738		<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

This was unplanned sidetrack due to drift in drilling up instead of down. Noble needed to sidetrack by drilling an open hole to get back to original target depth. Noble drilled straight down from 7328' MD very slowly to achieve this target. Footages for BH @ KOP = 2793' FNL and 898' FWL. Jim Precup was notified on 2/26/12 @ 9:36 AM of this sidetrack request.

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

Signed: _____

Print Name: MARI CLARK

Title: REGULATORY ANALYST II

Date:

Email: mclark@nobleenergyinc.com

Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
400255919	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400255920	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 type="checkbox"/>	No	<input checked="" type="checkbox"/>
	Other	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
<u>Other Attachments</u>					
400255922	WELLBORE DIAGRAM	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)