

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



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Document Number:
400795277

Date Received:

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

OGCC Operator Number: <u>100322</u>	Contact Name: <u>Kathleen Mills</u>
Name of Operator: <u>NOBLE ENERGY INC</u>	Phone: <u>(720) 587-2226</u>
Address: <u>1625 BROADWAY STE 2200</u>	Fax: <u>(303) 228-4286</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>	

API Number <u>05-123-39099-00</u>	County: <u>WELD</u>
Well Name: <u>Mahalo State</u>	Well Number: <u>AA09-78HNC</u>
Location: QtrQtr: <u>SWSW</u> Section: <u>4</u> Township: <u>6N</u> Range: <u>63W</u> Meridian: <u>6</u>	
Footage at surface: Distance: <u>75</u> feet Direction: <u>FSL</u> Distance: <u>908</u> feet Direction: <u>FWL</u>	
As Drilled Latitude: <u>40.508756</u> As Drilled Longitude: <u>-104.447972</u>	

GPS Data:
Date of Measurement: 11/17/2012 PDOP Reading: 4.2 GPS Instrument Operator's Name: TOA SAGAPOLUTELE

** If directional footage at Top of Prod. Zone Dist.: 725 feet. Direction: FNL Dist.: 701 feet. Direction: FWL
Sec: 9 Twp: 6N Rng: 63W

** If directional footage at Bottom Hole Dist.: 42 feet. Direction: FNL Dist.: 114 feet. Direction: FWL
Sec: 16 Twp: 6N Rng: 63W

Field Name: WATTENBERG Field Number: 90750
Federal, Indian or State Lease Number: CO9056.6

Spud Date: (when the 1st bit hit the dirt) 12/25/2014 Date TD: 12/30/2014 Date Casing Set or D&A: 12/31/2014
Rig Release Date: 01/29/2015 Per Rule 308A.b.

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

Total Depth	MD	<u>11736</u>	TVD**	<u>6684</u>	Plug Back Total Depth	MD	<u>11736</u>	TVD**	<u>6684</u>
Elevations	GR	<u>4698</u>	KB	<u>4722</u>	Digital Copies of ALL Logs must be Attached per Rule 308A <input checked="" type="checkbox"/>				

List Electric Logs Run:
USIT, MUD, MWD

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	124	72	0	124	VISU
SURF	13+1/2	9+5/8	36	0	854	335	0	854	VISU
1ST	8+3/4	7	26	0	7,051	586	1,000	7,051	CBL
1ST LINER	6+1/8	4+1/2	11.6	6851	11,732	377	6,851	11,732	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	988				
PARKMAN	3,518				
SUSSEX	4,296				
SHANNON	4,853				
TEEPEE BUTTES	5,813				
NIOBRARA	6,595				

Comment:

GPS TAKEN ON CONDUCTOR
WAITING ON COMPLETION. THIS WELL WAS DRILLED BUT NOT YET REPORTED AS COMPLETED. THE TOP OF THE PRODUCING ZONE, AS REPORTED, IS TAKEN FROM THE ORIGINAL DRILLING PLAN. AT THE TIME OF COMPLETION, THE EXACT FOOTAGES WILL BE REPORTED. A MIT WILL BE DONE ON THE WELL WITHIN 2 YEARS OF TD IF THE WELL HAS NOT BEEN REPORTED AS COMPLETED.

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: _____

Email: k Mills@nobleenergyinc.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
Attachment Checklist			
400795307	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400795308	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			
400795309	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400811590	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400811593	LAS-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400811596	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400811598	LAS-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400811601	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400811604	LAS-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400811607	PDF-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400811608	PDF-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)