

FORM  
5A

Rev  
06/12

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:

400474443

Date Received:

COMPLETED INTERVAL REPORT

The completed interval Report, Form 5A, shall be submitted within thirty (30) days of completing a formation (successful or not), when a formation is temporarily abandoned or permanently abandoned, for a recompletion, reperforation or restimulation, or when a formation is commingled. Fill out a section for each formation. Attach as many pages as required to fully describe the work. List in order of completion.

1. OGCC Operator Number: 100322

2. Name of Operator: NOBLE ENERGY INC

3. Address: 1625 BROADWAY STE 2200

City: DENVER State: CO Zip: 80202

4. Contact Name: Kathleen Mills

Phone: (720) 587-2226

Fax: (303) 228-4286

5. API Number 05-123-35679-00

7. Well Name: THISTLE DOWN STATE PC

8. Location: QtrQtr: SENE Section: 36 Township: 5N Range: 65W Meridian: 6

9. Field Name: WATTENBERG Field Code: 90750

6. County: WELD

Well Number: F36-67HN

### Completed Interval

FORMATION: NIOBRARA	Status: PRODUCING	Treatment Type: FRACTURE STIMULATION
Treatment Date: 04/01/2013	End Date: 05/20/2013	Date of First Production this formation: 06/03/2013
Perforations Top: 7575	Bottom: 11253	No. Holes: 0
Hole size:		
Provide a brief summary of the formation treatment: Open Hole: <input type="checkbox"/>		
4/1/2013 FRAC'D 10996-11253' W/128768 GAL PERMSTIM AND SLICK WATER AND 94418# OTTAWA SAND 5/20/2013 FRAC'D 7575-10616' W/2354727 GAL SILVERSTIM AND SLICK WATER, 1000 GAL 15% HCL AND 3091402# OTTAWA SAND		
This formation is commingled with another formation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Total fluid used in treatment (bbl): 59131	Max pressure during treatment (psi): 7387	
Total gas used in treatment (mcf):	Fluid density at initial fracture (lbs/gal): 8.43	
Type of gas used in treatment:	Min frac gradient (psi/ft): 0.96	
Total acid used in treatment (bbl): 24	Number of staged intervals: 19	
Recycled water used in treatment (bbl): 3801	Flowback volume recovered (bbl): 7047	
Fresh water used in treatment (bbl): 55330	Disposition method for flowback: RECYCLE	
Total proppant used (lbs): 3185820	Rule 805 green completion techniques were utilized: <input checked="" type="checkbox"/>	
Reason why green completion not utilized:		

Fracture stimulations must be reported on [FracFocus.org](http://FracFocus.org)

### Test Information:

Date: 06/07/2013	Hours: 24	Bbl oil: 114	Mcf Gas: 554	Bbl H2O: 153
Calculated 24 hour rate:	Bbl oil: 114	Mcf Gas: 554	Bbl H2O: 153	GOR: 3621
Test Method: FLOWING	Casing PSI: 2760	Tubing PSI: 2270	Choke Size: 16/64	
Gas Disposition: SOLD	Gas Type: WET	Btu Gas: 1250	API Gravity Oil: 55	
Tubing Size: 2 + 7/8	Tubing Setting Depth: 7284	Tbg setting date: 05/29/2013	Packer Depth:	
Reason for Non-Production:				
Date formation Abandoned:	Squeeze: <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, number of sacks cmt		
** Bridge Plug Depth:	** Sacks cement on top:	** Wireline and Cement Job Summary must be attached.		

Comment:

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: kmills@nobleenergyinc.com

### Attachment Check List

Att Doc Num	Name
-------------	------

Total Attach: 0 Files

### General Comments

User Group	Comment	Comment Date
------------	---------	--------------

Total: 0 comment(s)