

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



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Document Number:

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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: JEAN MUSE-REYNOLDS
Phone: (303) 228-4316
Fax: (303) 228-4286

5. API Number 05-123-35326-00
6. County: WELD
7. Well Name: HERBST
Well Number: C27-31D
8. Location: QtrQtr: NWSW Section: 27 Township: 4N Range: 64W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 06/02/2012 End Date: 06/02/2012 Date of First Production this formation: 06/04/2012

Perforations Top: 7284 Bottom: 7300 No. Holes: 64 Hole size: 0.4

Provide a brief summary of the formation treatment: Open Hole: ☐

Pumped 128524.5# of Ottawa Sand and 211251gals of 15% HCL, Slick/Fresh Water
Niobrara and Codell formations are commingled.

This formation is commingled with another formation: ☒ Yes ☐ No

Total fluid used in treatment (bbl): 5030 Max pressure during treatment (psi): 5868

Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal): 8.34

Type of gas used in treatment: Max frac gradient (psi/ft):

Total acid used in treatment (bbl): Number of staged intervals: 8

Recycled water used in treatment (bbl): Flowback volume recovered (bbl):

Fresh water used in treatment (bbl): Disposition method for flowback: RECYCLE

Total proppant used (lbs): 128525 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: Hours: Bbl oil: Mcf Gas: Bbl H2O:

Calculated 24 hour rate: Bbl oil: Mcf Gas: Bbl H2O: GOR:

Test Method: Casing PSI: Tubing PSI: Choke Size:

Gas Disposition: Gas Type: Btu Gas: API Gravity Oil:

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7266 Tbg setting date: 08/21/2012 Packer Depth:

Reason for Non-Production:

Date formation Abandoned: Squeeze: ☐ Yes ☐ No If yes, number of sacks cmt

** Bridge Plug Depth: ** Sacks cement on top: ** Wireline and Cement Job Summary must be attached.

FORMATION: NIOBRARA-CODELL Status: COMMINGLED Treatment Type: _____

Treatment Date: _____ End Date: _____ Date of First Production this formation: _____

Perforations Top: 7079 Bottom: 7300 No. Holes: 112 Hole size: 0.4

Provide a brief summary of the formation treatment: _____ Open Hole: ☐

This formation is commingled with another formation: ☐ Yes ☒ No

Total fluid used in treatment (bbl): _____ Max pressure during treatment (psi): _____

Total gas used in treatment (mcf): _____ Fluid density at initial fracture (lbs/gal): _____

Type of gas used in treatment: _____ Max frac gradient (psi/ft): _____

Total acid used in treatment (bbl): _____ Number of staged intervals: _____

Recycled water used in treatment (bbl): _____ Flowback volume recovered (bbl): _____

Fresh water used in treatment (bbl): _____ Disposition method for flowback: _____

Total proppant used (lbs): _____ Rule 805 green completion techniques were utilized: ☐

Reason why green completion not utilized: _____

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 06/07/2012 Hours: 24 Bbl oil: 100 Mcf Gas: 535 Bbl H2O: 90

Calculated 24 hour rate: Bbl oil: 100 Mcf Gas: 535 Bbl H2O: 90 GOR: 5350

Test Method: FLOWING Casing PSI: 1300 Tubing PSI: 0 Choke Size: 12/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1227 API Gravity Oil: 53

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7266 Tbg setting date: 08/21/2012 Packer Depth: _____

Reason for Non-Production:

Date formation Abandoned: _____ Squeeze: ☐ Yes ☐ No If yes, number of sacks cmt _____

** Bridge Plug Depth: _____ ** Sacks cement on top: _____ ** Wireline and Cement Job Summary must be attached.

FORMATION: NIOBRARA		Status: PRODUCING		Treatment Type: FRACTURE STIMULATION	
Treatment Date: 06/02/2012		End Date: 06/02/2012		Date of First Production this formation: 06/04/2012	
Perforations Top: 7079		Bottom: 7175		No. Holes: 48 Hole size: 0.71	
Provide a brief summary of the formation treatment:				Open Hole: <input type="checkbox"/>	
Pumped 128524.5# of Ottawa Sand and 208854gals of 15% HCL, Slick/Fresh Water Niobrara and Codell formations are commingled.					
This formation is commingled with another formation:				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Total fluid used in treatment (bbl): 4973		Max pressure during treatment (psi): 5471			
Total gas used in treatment (mcf):		Fluid density at initial fracture (lbs/gal): 8.34			
Type of gas used in treatment:		Max frac gradient (psi/ft):			
Total acid used in treatment (bbl):		Number of staged intervals: 7			
Recycled water used in treatment (bbl):		Flowback volume recovered (bbl):			
Fresh water used in treatment (bbl):		Disposition method for flowback: RECYCLE			
Total proppant used (lbs): 128525		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					
Test Information:					
Date:		Hours:		Bbl oil:	
Calculated 24 hour rate:		Bbl oil:		Mcf Gas:	
Test Method:		Casing PSI:		Tubing PSI:	
Gas Disposition: SOLD		Gas Type: WET		Btu Gas:	
Tubing Size: 2 + 3/8		Tubing Setting Depth: 7266		Tbg setting date: 08/21/2012	
Reason for Non-Production:		Packer Depth:			
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: JEAN MUSE-REYNOLDS			
Title: REGULATORY COMPLIANCE		Date:		Email: jmuse@nobleenergyinc.com	
Attachment Check List					
Att Doc Num		Name			
Total Attach: 0 Files					
General Comments					
User Group		Comment			Comment Date
Total: 0 comment(s)					