

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:

400313829

Date Received:

08/08/2012

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: Andrea Rawson
Phone: (303) 228-4253
Fax: (303) 228-4286

5. API Number 05-123-23376-00
6. County: WELD
7. Well Name: B & M
Well Number: 22-05
8. Location: QtrQtr: SENW Section: 5 Township: 2N Range: 65W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: GREENHORN Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 03/25/2012 End Date: 03/25/2012 Date of First Production this formation: 03/28/2012

Perforations Top: 7488 Bottom: 7590 No. Holes: 60 Hole size: 0.73

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

Frac'd Greenhorn w/ 172073 gals of Slick Water and pHaserFrac with 253215#'s of Ottawa sand.

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

Total fluid used in treatment (bbl): 4097 Max pressure during treatment (psi): 5432

Total gas used in treatment (mcf): 0 Fluid density at initial fracture (lbs/gal):

Type of gas used in treatment: Min frac gradient (psi/ft): 0.88

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): 253215 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 04/13/2012 Hours: 24 Bbl oil: 3 Mcf Gas: 21 Bbl H2O: 0

Calculated 24 hour rate: Bbl oil: 3 Mcf Gas: 21 Bbl H2O: 0 GOR: 7000

Test Method: Flowing Casing PSI: 992 Tubing PSI: 990 Choke Size: 32

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1218 API Gravity Oil: 52

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7468 Tbg setting date: 03/30/2012 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: J SAND Status: PLUGGED AND ABANDONED Treatment Type: _____

Treatment Date: 03/11/2012 End Date: 03/08/2012 Date of First Production this formation: _____

Perforations Top: 7736 Bottom: 7772 No. Holes: 88 Hole size: _____

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: _____ Min 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: _____ 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: _____ Tubing Setting Depth: _____ Tbg setting date: _____ Packer Depth: _____

Reason for Non-Production: J-Sand Covered by bridge plug.

Date formation Abandoned: 03/08/2012 Squeeze: ☐ Yes ☐ No If yes, number of sacks cmt _____

** Bridge Plug Depth: 7630 ** Sacks cement on top: 2 ** 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: Andrea Rawson

Title: Regulatory Specialist Date: 8/8/2012 Email: arawson@nobleenergyinc.com

Attachment Check List

Att Doc Num	Name
2114044	WIRELINE JOB SUMMARY
2114045	CEMENT JOB SUMMARY
400313829	FORM 5A SUBMITTED
400313832	WELLBORE DIAGRAM

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Operator submitted Wireline Job Summary, Cement Job Summary and Greenhorn top at 7362'.	4/29/2013 9:21:02 AM
Permit	Requested a top for the Greenhorn. Requested Wireline Job Summary and Cement Job Summary.	4/26/2013 10:54:59 AM
Permit	Requested a top for the Greenhorn. Requested Wireline Job Summary and Cement Job Summary.	3/11/2013 2:41:23 PM
Permit	Requested a top for the Greenhorn. Requested Wireline Job Summary and Cement Job Summary.	10/25/2012 1:42:07 PM

Total: 4 comment(s)