

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:

400314246

Date Received:

08/09/2012

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 05-123-17119-00
6. County: WELD
7. Well Name: OTTOSON
Well Number: 32-16
8. Location: QtrQtr: SESE Section: 32 Township: 7N Range: 65W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 02/24/2012 End Date: 02/24/2012 Date of First Production this formation: 09/05/1993

Perforations Top: 7175 Bottom: 7185 No. Holes: 20 Hole size: 0.41

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

Re-Frac'd codell w/ 145984 gals of Slick Water, Vistar, and 15% HCl with 246661#'s of Ottawa sand.

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

Total fluid used in treatment (bbl): 3476 Max pressure during treatment (psi): 4216

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): 0.94

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): 246661 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:

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: PRODUCING Treatment Type: _____

Treatment Date: 02/24/2012 End Date: 02/24/2012 Date of First Production this formation: _____

Perforations Top: 6888 Bottom: 7185 No. Holes: 68 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: 03/09/2012 Hours: 24 Bbl oil: 12 Mcf Gas: 8 Bbl H2O: 0

Calculated 24 hour rate: Bbl oil: 12 Mcf Gas: 8 Bbl H2O: 0 GOR: 667

Test Method: Flowing Casing PSI: 160 Tubing PSI: _____ Choke Size: 30

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1150 API Gravity Oil: 52

Tubing Size: _____ Tubing Setting Depth: _____ Tbg setting date: _____ 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.

<u>Attachment Check List</u>	
Att Doc Num	Name
400314246	FORM 5A SUBMITTED
400314254	WELLBORE DIAGRAM
Total Attach: 2 Files	

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Operator submitted sundry to declare top of Codell at 7172' MD. Ready to pass.	4/29/2013 9:28:58 AM
Permit	Sent third request for a sundry to change the top of Codell.	4/26/2013 11:00:02 AM
Permit	Codell perfs are above the top of Codell. Requested a sundry to change the top.	3/11/2013 2:43:11 PM
Permit	Codell perfs are above the top of Codell. Requested a sundry to change the top.	10/25/2012 2:21:41 PM

Total: 4 comment(s)