

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:

400450549

Date Received:

07/19/2013

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: Eileen Roberts
Phone: (303) 2284330
Fax: (303) 2284286
Email: eroberts@nobleenergyinc.com

5. API Number 05-123-23816-00
6. County: WELD
7. Well Name: 70 RANCH
Well Number: 13-21
8. Location: QtrQtr: NWSW Section: 21 Township: 5N Range: 63W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 08/22/2011 End Date: 08/22/2011 Date of First Production this formation: 08/26/2011

Perforations Top: 6535 Bottom: 6543 No. Holes: 32 Hole size:

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

Frac'd the Codell w/ 131123 gals of Vistar and Slick Water with 245620#'s of Ottawa sand.

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

Total fluid used in treatment (bbl): 3121 Max pressure during treatment (psi): 5690

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

Type of gas used in treatment: Min frac gradient (psi/ft): 0.91

Total acid used in treatment (bbl): Number of staged intervals: 6

Recycled water used in treatment (bbl): 258 Flowback volume recovered (bbl): 646

Fresh water used in treatment (bbl): 2863 Disposition method for flowback: RECYCLE

Total proppant used (lbs): 245620 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 08/26/2011 Hours: 24 Bbl oil: 47 Mcf Gas: 77 Bbl H2O: 30

Calculated 24 hour rate: Bbl oil: 47 Mcf Gas: 77 Bbl H2O: 30 GOR: 1638

Test Method: FLOWING Casing PSI: 10 Tubing PSI: 230 Choke Size: 14/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1259 API Gravity Oil: 43

Tubing Size: 2 + 3/8 Tubing Setting Depth: 6964 Tbg setting date: 10/24/2011 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.

Comment:

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: Eileen Roberts

Title: Regulatory Specialist Date: 7/19/2013 Email: eroberts@nobleenergyinc.com
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Attachment Check List

Att Doc Num **Name**

400450549	FORM 5A SUBMITTED
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Total Attach: 1 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Confirmed with operator, 400660975 is a duplicate and has been withdrawn.	2/10/2015 7:48:57 AM
Permit	Appears to be a duplicate of 400660975. W/O operator to confirm if 400660975 needs to be withdrawn.	2/6/2015 3:36:48 PM

Total: 2 comment(s)