

FORM
5ARev
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:

401834704

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: 1001 NOBLE ENERGY WAY
City: HOUSTON State: TX Zip: 77070
4. Contact Name: Holly Hill
Phone: (303) 228-4232
Fax:
Email: Denverregulatory@nblenergy.com

5. API Number 05-123-45372-00
6. County: WELD
7. Well Name: Bison Ridge
Well Number: Y22-771
8. Location: QtrQtr: NESW Section: 10 Township: 2N Range: 64W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 05/06/2018 End Date: 05/23/2018 Date of First Production this formation: 08/11/2018

Perforations Top: 7065 Bottom: 16936 No. Holes: 1296 Hole size: 0.48

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

Niobrara completed with 361,614 bbls Slurry, 810 bbls 28% HCl, 1,075,751 lbs 100 Mesh, 9,275,643 lbs 40/70 Sand

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

Total fluid used in treatment (bbl): 362424

Max pressure during treatment (psi): 7966

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): 810

Number of staged intervals: 42

Recycled water used in treatment (bbl):

Flowback volume recovered (bbl): 1706

Fresh water used in treatment (bbl): 361614

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 10351394

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 09/07/2018 Hours: 24 Bbl oil: 641 Mcf Gas: 598 Bbl H2O: 585

Calculated 24 hour rate: Bbl oil: 641 Mcf Gas: 598 Bbl H2O: 585 GOR: 932

Test Method: Flowing Casing PSI: 796 Tubing PSI: 1670 Choke Size: 18/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1330 API Gravity Oil: 41

Tubing Size: 2 + 3/8 Tubing Setting Depth: 6968 Tbg setting date: 08/11/2018 Packer Depth: 6968

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:

Actual TPZ 2060' FSL, 1244' FWL, Sec 10, T2N, R64W

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

Signed: _____

Print Name: Julie Webb

Title: Sr. Regulatory Analyst

Date: _____

Email julie.webb@nblenergy.com

:

Attachment Check List

Att Doc Num Name

--	--

Total Attach: 0 Files

General Comments

User Group Comment

Comment Date

		Stamp Upon Approval
--	--	------------------------

Total: 0 comment(s)