

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:

401057795

Date Received:

07/25/2016

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: 10518
2. Name of Operator: EDGE ENERGY LLC
3. Address: 621 17TH STREET SUITE 1401
City: DENVER State: CO Zip: 80293
4. Contact Name: Ben Turner
Phone: (303) 887-6660
Fax:
Email: bturner@edgeenergy1.com

5. API Number 05-123-42434-01
6. County: WELD
7. Well Name: Flaherty
Well Number: 18-13-12NBH
8. Location: QtrQtr: NWSW Section: 18 Township: 4N Range: 62W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: NIOBRARA Status: SHUT IN Treatment Type: FRACTURE STIMULATION
Treatment Date: 05/24/2016 End Date: 05/27/2016 Date of First Production this formation: 05/27/2016
Perforations Top: 6606 Bottom: 10754 No. Holes: 846 Hole size: 042/100

Provide a brief summary of the formation treatment:

Open Hole: ☐

24 stages: Slickwater Frac, pumped 6,424,040 lbs of white sand and 170,622 bbls fresh water.

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

Total fluid used in treatment (bbl): 170646

Max pressure during treatment (psi): 5513

Total gas used in treatment (mcf): 0

Fluid density at initial fracture (lbs/gal): 8.30

Type of gas used in treatment:

Min frac gradient (psi/ft): 0.93

Total acid used in treatment (bbl): 24

Number of staged intervals: 24

Recycled water used in treatment (bbl): 0

Flowback volume recovered (bbl): 24075

Fresh water used in treatment (bbl): 170622

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 6424040

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 06/12/2016 Hours: 24 Bbl oil: 400 Mcf Gas: 295 Bbl H2O: 300
Calculated 24 hour rate: Bbl oil: 400 Mcf Gas: 295 Bbl H2O: 300 GOR: 1246
Test Method: Flowing Casing PSI: 918 Tubing PSI: Choke Size: 20/64
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1283 API Gravity Oil: 38
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.

Comment:

The reported planned TPZ on the Form 5 was at a depth of 6424', but the actual top Perf was done at 6,478' depth, thus changing the TPZ to: 2267' FSL & 513 FEL.

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

Signed: _____

Print Name: Paul Gottlob

Title: Regulatory & Engin. Tech.

Date: 7/25/2016

Email paul.gottlob@iptenergyservices.com

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Attachment Check List

Att Doc Num

Name

401057795	FORM 5A SUBMITTED
401068874	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group

Comment

Comment Date

Permit	Oper. corrected fluid density on frac.	7/26/2016 6:50:46 AM
Permit	Returned to draft: Need to delete attached FF report. Don't need 90 page report. Fill out summary of frac treatment. Correct fluid density(should approximate density of water.) Fill in calculated 24 hour rate. First production was water reported 5/2016. First oil and gas production 6/2016.	7/25/2016 2:55:49 PM

Total: 2 comment(s)