

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



DE ET OE ES

Document Number:

402112869

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: 10583  
2. Name of Operator: PETRO OPERATING COMPANY LLC  
3. Address: 9033 E EASTER PLACE SUITE 112  
City: CENTENNIAL State: CO Zip: 80112-  
4. Contact Name: ANDY PETERSON  
Phone: (970) 203-4263  
Fax:  
Email: andy@petersonenergyoperating.com

5. API Number 05-001-10223-00  
6. County: ADAMS  
7. Well Name: BEF WEST  
Well Number: 17  
8. Location: QtrQtr: SENE Section: 2 Township: 1S Range: 66W Meridian: 6  
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: NIOBRARA Status: SHUT IN Treatment Type: FRACTURE STIMULATION

Treatment Date: 05/03/2019 End Date: 05/10/2019 Date of First Production this formation:

Perforations Top: 7927 Bottom: 12147 No. Holes: 828 Hole size: 35/100

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

Frac Summary: 23 Stages, 12,868 Gals HCL; 5,796,740 # 40/70 White Sand; 1,531,670 # 100 Mesh; 5,746,734 Gals Slickwater. Total Proppant used 7,328,410 #, During Pumpdown Ave Rate 17.9 bpm, Ave PSI 5224, Max PSI 6350.

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

Total fluid used in treatment (bbl): 213688 Max pressure during treatment (psi): 6350

Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal): 8.33

Type of gas used in treatment: Min frac gradient (psi/ft): 0.97

Total acid used in treatment (bbl): 306 Number of staged intervals: 23

Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 9531

Fresh water used in treatment (bbl): 213382 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 7328410 Rule 805 green completion techniques were utilized: ☐

Reason why green completion not utilized: PIPELINE

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 08/07/2019 Hours: 24 Bbl oil: 355 Mcf Gas: 307 Bbl H2O: 359

Calculated 24 hour rate: Bbl oil: 355 Mcf Gas: 307 Bbl H2O: 359 GOR: 865

Test Method: FLOWING Casing PSI: 2750 Tubing PSI: 1725 Choke Size: 14/64

Gas Disposition: FLARED Gas Type: DRY Btu Gas: 1245 API Gravity Oil: 41

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7554 Tbg setting date: 06/19/2019 Packer Depth: 7194

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 stated footages for TPZ are 1344' FNL and 480' FEL of Section 2 – T1S – R66W. This has changed from what was reported on the Form 5.

POC ended flowback operations on 8/7/2019 and shut wells in; awaiting pipeline arrival or approval to incinerate gas until the pipeline connection was in place. At which point POC would start up first production through our permanent facilities and establish the Date of First Production.

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: \_\_\_\_\_

Email paul.gottlob@iptenergyservices.com

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### Attachment Check List

Att Doc Num

Name

402134434

OPERATIONS SUMMARY

402134436

WELLBORE DIAGRAM

Total Attach: 2 Files

### General Comments

User Group

Comment

Comment Date

Engineer

returning to DRAFT - calculated 24 hour test data appears wrong; green completions were NOT used due to pipeline; date of first production blank; describe the treatment, including: type of fluid used (gel, slickwater, etc.), type of acid used (HCl, HF, etc.), types and amounts of proppant(s) used;

01/09/2020

Total: 1 comment(s)