

FORM
5A
Rev
09/20

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:
402707826

Date Received:
06/03/2021

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: 10705
2. Name of Operator: EVERGREEN NATURAL RESOURCES LLC
3. Address: 1875 LAWRENCE ST STE 1150
City: DENVER State: CO Zip: 80202
4. Contact Name: Mackenzie Smith
Phone: (303) 2848820
Fax: _____
Email: mackenzie.smith@enrllc.com

5. API Number 05-071-07539-00
6. County: LAS ANIMAS
7. Well Name: CRUISER
Well Number: 32-12
8. Location: QtrQtr: SWNE Section: 12 Township: 32S Range: 67W Meridian: 6
9. Field Name: PURGATOIRE RIVER Field Code: 70830

Completed Interval

FORMATION: RATON-VERMEJO COALS Status: PRODUCING Treatment Type: HYDRAULIC FRACTURING

Treatment Date: 04/19/2021 End Date: 04/21/2021 Date this Formation was Completed: 09/16/2003

Perforations Top: 922 Bottom: 2499 No. Holes: 281 Hole size: 0.48 Open Hole:

Describe the Formation Treatment, including the following: type of fluid used (gel, slickwater, etc.), type and concentration of acid used (HCl, HF, etc.), types and amounts of proppant(s) used, depth details of multiple zones, and method used to determine flowback volume.

Perforated [2450-54', 1861-64', 1800-06', 1722-28', 1674-80', 1586-90', 1402-05', 1345-48', 1212-16', 1002-06', 954-58', 922-26']. Stimulated 12 zones, for a total of 12 stages. Spearhead each stage with 7.5% HCl, stimulate with produced water. 26 bbls 7.5% HCl, 1879 bbls produced water, 2,104,109 scf nitrogen, 217,000 lbs 16/30 proppant, and 28,000 lbs 20/40 proppant pumped. 96 bbls fluid produced to open top tank on location during flowback operations.

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 1905 Max pressure during treatment (psi): 6675

Total gas used in treatment (mcf): 2104 Fluid density at initial fracture (lbs/gal): _____

Type of gas used in treatment: NITROGEN Min frac gradient (psi/ft): 0.46

Total acid used in treatment (bbl): 26 Number of staged intervals: 12

Recycled or Reused Fluids used in treatment (bbl): 1879 Flowback volume recovered (bbl): 96

Fresh water used in treatment (bbl): 0 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 245000

Fracture stimulations must be reported on FracFocus.org

Test Information:

05/18/2021 Hours: 24 Bbl oil: 0 Mcf Gas: 44 Bbl H2O: 121

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 44 Bbl H2O: 121 GOR: _____

Test Method: pumping Casing PSI: 64 Tubing PSI: _____ Choke Size: 16/64

Gas Disposition: SOLD Gas Type: COAL GAS Btu Gas: 1002 API Gravity Oil: 0

Tubing Size: 2 + 7/8 Tubing Setting Depth: 2525 Tbg setting date: 05/07/2021 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: RATON COAL Status: COMMINGLED Treatment Type: _____

Treatment Date: _____ End Date: _____ Date this Formation was Completed: 09/03/2003

Perforations Top: 922 Bottom: 2138 No. Holes: 1733 Hole size: 0.48 Open Hole:

Describe the Formation Treatment, including the following: type of fluid used (gel, slickwater, etc.), type and concentration of acid used (HCl, HF, etc.), types and amounts of proppant(s) used, depth details of multiple zones, and method used to determine flowback volume.

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 or Reused Fluids used in treatment (bbl): _____ Flowback volume recovered (bbl): _____

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

Total proppant used (lbs): _____

Fracture stimulations must be reported on FracFocus.org

Test Information:

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: VERMEJO COAL Status: COMMINGLED Treatment Type: _____
 Treatment Date: _____ End Date: _____ Date this Formation was Completed: 06/26/2002
 Perforations Top: 2276 Bottom: 2499 No. Holes: 108 Hole size: 0.48 Open Hole:

Describe the Formation Treatment, including the following: type of fluid used (gel, slickwater, etc.), type and concentration of acid used (HCl, HF, etc.), types and amounts of proppant(s) used, depth details of multiple zones, and method used to determine flowback volume.

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 or Reused Fluids used in treatment (bbl): _____ Flowback volume recovered (bbl): _____
 Fresh water used in treatment (bbl): _____ Disposition method for flowback: _____
 Total proppant used (lbs): _____

Fracture stimulations must be reported on FracFocus.org

Test Information:

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.

Comment:
 Water well sampling required per COA (see attached). Only 1 water well within a 1/2-mile radius of the well. Sampling of said water well was denied by the landowners (see attached), therefore no water well sampling was completed for this nitrified stimulation.

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

Signed: _____ Print Name: Mackenzie Smith

Title: Production Engineer Date: 6/3/2021 Email : mackenzie.smith@enrllc.com

Attachment List

<u>Att Doc Num</u>	<u>Name</u>
402707826	FORM 5A SUBMITTED
402707839	CORRESPONDENCE
402707840	CORRESPONDENCE

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)