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: 402293468

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: 10705
2. Name of Operator: EVERGREEN NATURAL RESOURCES LLC
3. Address: 1801 BROADWAY SUITE 350
City: DENVER State: CO Zip: 80202
4. Contact Name: Cheri Morgan
Phone: (719) 846-7898
Fax:
Email: cheri.morgan@enrllc.com

5. API Number 05-071-09459-00
6. County: LAS ANIMAS
7. Well Name: ASTEROID
Well Number: 13-13
8. Location: QtrQtr: NWSW Section: 13 Township: 32S Range: 68W Meridian: 6
9. Field Name: PURGATOIRE RIVER Field Code: 70830

Completed Interval

FORMATION: RATON-VERMEJO COALS Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 11/04/2019 End Date: 11/05/2019 Date of First Production this formation: 05/22/2008

Perforations Top: 1778 Bottom: 3244 No. Holes: 199 Hole size: 0.48

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

Perforate 1778-1784', 2054-2058', 2120-2126', 2194-2198', 2268-2272', 2346-2349', 2759-2765' with 3SPF, equaling 99 holes total.Spearhead each stage with 7.5% HCl, frac with produced water. 53,760 gallons produced water, 21 bbls 7.5% HCl, 13,755 hscf nitrogen. and 210,000# 20/40 proppant pumped.

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

Total fluid used in treatment (bbl): 1301
Max pressure during treatment (psi): 4015
Total gas used in treatment (mcf): 1375549
Fluid density at initial fracture (lbs/gal):
Type of gas used in treatment: NITROGEN
Min frac gradient (psi/ft): 0.57
Total acid used in treatment (bbl): 21
Number of staged intervals: 7
Recycled water used in treatment (bbl): 1280
Flowback volume recovered (bbl): 0
Fresh water used in treatment (bbl): 0
Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 210000
Rule 805 green completion techniques were utilized: ☒
Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 11/18/2019 Hours: 24 Bbl oil: 0 Mcf Gas: 61 Bbl H2O: 7

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 61 Bbl H2O: 7 GOR: 0

Test Method: Pumping Casing PSI: 20 Tubing PSI: 62 Choke Size: 0.5

Gas Disposition: SOLD Gas Type: COAL GAS Btu Gas: 1004 API Gravity Oil: 0

Tubing Size: 2 + 7/8 Tubing Setting Depth: 3279 Tbg setting date: 11/05/2019 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: FRACTURE STIMULATION

Treatment Date: 11/01/2019 End Date: 11/05/2019 Date of First Production this formation: 11/22/2019

Perforations Top: 1778 Bottom: 2850 No. Holes: 99 Hole size: 0.48

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

Perforate 1778-1784', 2054-2058', 2120-2126', 2194-2198', 2268-2272', 2346-2349', 2759-2765' with 3SPF, equaling 99 holes total.Spearhead each stage with 7.5% HCl, frac with produced water. 53,760 gallons produced water, 21 bbls 7.5% HCl, 13,755 hscf nitrogen. and 210,000# 20/40 proppant pumped.

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

Total fluid used in treatment (bbl): 1301 Max pressure during treatment (psi): 4015

Total gas used in treatment (mcf): 1375549 Fluid density at initial fracture (lbs/gal):

Type of gas used in treatment: NITROGEN Min frac gradient (psi/ft): 0.57

Total acid used in treatment (bbl): 21 Number of staged intervals: 7

Recycled water used in treatment (bbl): 1280 Flowback volume recovered (bbl): 0

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

Total proppant used (lbs): 210000 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 11/16/2019 Hours: 24 Bbl oil: 0 Mcf Gas: 61 Bbl H2O: 7

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 61 Bbl H2O: 7 GOR: 0

Test Method: Pumping Casing PSI: 20 Tubing PSI: 62 Choke Size: 0.5

Gas Disposition: SOLD Gas Type: COAL GAS Btu Gas: 1004 API Gravity Oil: 0

Tubing Size: 2 + 7/8 Tubing Setting Depth: 3279 Tbg setting date: 11/12/2019 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: FRACTURE STIMULATION

Treatment Date: 11/04/2019 End Date: 11/05/2019 Date of First Production this formation: 05/25/2008

Perforations Top: 3039 Bottom: 3244 No. Holes: 100 Hole size: 0.48

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

Perforate 1778-1784', 2054-2058', 2120-2126', 2194-2198', 2268-2272', 2346-2349', 2759-2765' with 3SPF, equaling 99 holes total.Spearhead each stage with 7.5% HCl, frac with produced water. 53,760 gallons produced water, 21 bbls 7.5% HCl, 13,755 hscf nitrogen. and 210,000# 20/40 proppant pumped.

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

Total fluid used in treatment (bbl): 1301 Max pressure during treatment (psi): 4015

Total gas used in treatment (mcf): 1375549 Fluid density at initial fracture (lbs/gal):

Type of gas used in treatment: NITROGEN Min frac gradient (psi/ft): 0.57

Total acid used in treatment (bbl): 21 Number of staged intervals: 7

Recycled water used in treatment (bbl): 1280 Flowback volume recovered (bbl): 0

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

Total proppant used (lbs): 210000 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 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:

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: Email: mackenzie.smith@enrllc.com

Attachment Check List

Att Doc Num	Name

Total Attach: 0 Files

General Comments

User Group	Comment	Comment Date
Permit	Returned to draft for panel corrections.	03/18/2020
Permit	Confirm formation name.	01/28/2020

Total: 2 comment(s)