

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) 892-2109



DE	ET	OE	ES
----	----	----	----

Document Number:
403063203

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: <u>10110</u>	4. Contact Name: <u>Mandie Flinn</u>
2. Name of Operator: <u>GREAT WESTERN OPERATING COMPANY LLC</u>	Phone: <u>(720) 261-4461</u>
3. Address: <u>1775 SHERMAN STREET STE 3000</u>	Fax: _____
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80203</u>	Email: <u>mandie.flinn@pdce.com</u>

5. API Number <u>05-001-10194-00</u>	6. County: <u>ADAMS</u>
7. Well Name: <u>Seltzer LD</u>	Well Number: <u>09-376HC</u>
8. Location: QtrQtr: <u>NWNE</u> Section: <u>4</u> Township: <u>1S</u> Range: <u>67W</u> Meridian: <u>6</u>	
9. Field Name: <u>WATTENBERG</u> Field Code: <u>90750</u>	

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type: _____

Treatment Date: _____ End Date: _____ Date this Formation was Completed: _____

Perforations Top: 8860 Bottom: 18398 No. Holes: 1244 Hole size: 31/100 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.

Codell intervals: 8860'-9042', 9067'-9316', 9587'-11838', 11945'-18398

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: FORT HAYS Status: COMMINGLED Treatment Type: _____

Treatment Date: _____ End Date: _____ Date this Formation was Completed: _____

Perforations Top: 9042 Bottom: 11945 No. Holes: 1244 Hole size: 031/100 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.

Fort Hays intervals: 9042'-9067', 9316',-9587', 11838,-11945.

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:
Date: 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: NIOBRARA-FT HAYS-CODELL Status: PRODUCING Treatment Type: HYDRAULIC FRACTURING

Treatment Date: 02/18/2022 End Date: 03/21/2022 Date this Formation was Completed: 05/11/2022
Perforations Top: 8860 Bottom: 18176 No. Holes: 1244 Hole size: 31/100 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.

1955 bbls 15% HCL Acid;
851,452 # 100 Mesh Sand; 2,646,961 # 20/40 Mesh Sand; 4,101,199 # 30/50 Mesh Sand; 1,657,050 # 40/70 Mesh Sand;
309,575 bbls Gelled Fluid;
Flowback determined from well test separator

This formation is commingled with another formation: Yes No
Total fluid used in treatment (bbl): 311530 Max pressure during treatment (psi): 4021
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): 0.80
Total acid used in treatment (bbl): 1955 Number of staged intervals: 37
Recycled or Reused Fluids used in treatment (bbl): Flowback volume recovered (bbl): 22190
Fresh water used in treatment (bbl): 309575 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 9256662

Fracture stimulations must be reported on FracFocus.org

Test Information:

05/13/2022 Hours: 24 Bbl oil: 452 Mcf Gas: 884 Bbl H2O: 138
Date: Calculated 24 hour rate: Bbl oil: 452 Mcf Gas: 884 Bbl H2O: 138 GOR: 1958
Test Method: Flowing Casing PSI: 2136 Tubing PSI: 1684 Choke Size: 16/64
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1409 API Gravity Oil: 44
Tubing Size: 2 + 3/8 Tubing Setting Depth: 8494 Tbg setting date: 04/29/2022 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 bottom of the completed interval is at 513' FSL and 1233' FWL Section 9.
 During stimulation, the wellbore was isolated by a composite frac plug set at 18176'.
 Great Western certifies that none of the wellbore beyond the unit boundary setback was completed.
 The actual TPZ footages for this well are 523' FNL and 1225' FWL Section 4.

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

Signed: _____ Print Name: Mandie Flinn
 Title: Engineering Tech Date: _____ Email: mandie.flinn@pdce.com
 :

Attachment List

<u>Att Doc Num</u>	<u>Name</u>

Total Attach: 0 Files

General Comments

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

Total: 0 comment(s)