

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:

401702717

Date Received:

09/05/2018

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: 10651
2. Name of Operator: VERDAD RESOURCES LLC
3. Address: 5950 CEDAR SPRINGS ROAD
City: DALLAS State: TX Zip: 75235
4. Contact Name: Robert Beecherl
Phone: (214) 2826419
Fax:
Email: bbeecherl@verdadoil.com

5. API Number 05-123-46830-00
6. County: WELD
7. Well Name: HELEN
Well Number: 24-4H
8. Location: QtrQtr: SESW Section: 24 Township: 2N Range: 64W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION
Treatment Date: 06/05/2018 End Date: 06/19/2018 Date of First Production this formation: 08/06/2018
Perforations Top: 7484 Bottom: 16540 No. Holes: 1080 Hole size: 36/100

Provide a brief summary of the formation treatment:

Open Hole: ☐

92,348 gallons of 7.5% HCl, 485,176 bbls of FR water, 20,826 bbls of treated water, 4,247,940 lbs of 100 mesh, 14,514,680 lbs of white 40/70

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

Total fluid used in treatment (bbl): 508201

Max pressure during treatment (psi): 11212

Total gas used in treatment (mcf):

Fluid density at initial fracture (lbs/gal): 8.34

Type of gas used in treatment:

Min frac gradient (psi/ft): 0.80

Total acid used in treatment (bbl): 2199

Number of staged intervals: 60

Recycled water used in treatment (bbl):

Flowback volume recovered (bbl): 35227

Fresh water used in treatment (bbl): 506002

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 18762620

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: 07/15/2018 Hours: 24 Bbl oil: 465 Mcf Gas: 272 Bbl H2O: 1616
Calculated 24 hour rate: Bbl oil: 465 Mcf Gas: 272 Bbl H2O: 1616 GOR: 585
Test Method: Flowing Casing PSI: 0 Tubing PSI: 708 Choke Size: 20/64
Gas Disposition: FLARED Gas Type: DRY Btu Gas: 1329 API Gravity Oil: 38
Tubing Size: 2 + 3/8 Tubing Setting Depth: 7038 Tbg setting date: 07/13/2018 Packer Depth: 7012

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:

Footage at Top of Prod. Zone (Perforation 1080) 490 FNL 870 FWL 02N-64W-25 TVD 6767' MD 7484'
Footage at Bottom Hole (Perforation 1) 1037 FSL 837 FWL 02N-64W-36 TVD 6788' MD 16540'

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

Signed: _____ Print Name: Robert Beecherl

Title: Robert Beecherl Date: 9/5/2018 Email : bbeecherl@verdadoil.com

Attachment Check List

Att Doc Num **Name**

401702717	FORM 5A SUBMITTED
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Total Attach: 1 Files

General Comments

User Group **Comment** **Comment Date**

Permit	Green comp checked - flared gas - need reason for no green completion Missing flowback volume Choke size of 20 - Is this 20/64? -Operator sent all info needed to correct form - 1/25/2019	01/18/2019
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Engineer	test volumes that don't seem to be reported in the Form 7 reporting	09/28/2018
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Total: 2 comment(s)