

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:

401978531

Date Received:

07/01/2019

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: 61650

2. Name of Operator: MURFIN DRILLING COMPANY INC

3. Address: 250 N WATER ST STE 300

City: WICHITA State: KS Zip: 67202

4. Contact Name: Tom Melland

Phone: (316) 267-3241

Fax:

Email: tmelland@murfininc.com

5. API Number 05-073-06757-00

7. Well Name: Moonraker

8. Location: QtrQtr: SENW Section: 27 Township: 10S Range: 56W Meridian: 6

9. Field Name: WILDCAT Field Code: 99999

6. County: LINCOLN

Well Number: 6-27

Completed Interval

FORMATION: MARMATON Status: PRODUCING Treatment Type: ACID JOB
Treatment Date: 03/11/2019 End Date: 03/18/2019 Date of First Production this formation: 06/27/2019
Perforations Top: 7347 Bottom: 7402 No. Holes: 52 Hole size: 0.45

Provide a brief summary of the formation treatment:

Open Hole: ☐

TREATED: Marmaton C (7396- 7402) w/1000 gal 15% MCA, .1% surfactant, 3% solvent. Tbg loaded @ 49.4 Bbl (6.3 Bbl into perfs). Feeding 1.6 bpm, no pressure. @54 Bbl, increased rate to 2 bpm @ 250#, finished the job feeding 2.2 bpm @ 250#. ISIP= vac.

TREATED: Marmaton A (7347- 7354) w/1000 gal 15% MCA, .1% surfactant, 3% solvent. Tbg loaded @ 44 bbl (.9 bbl into perfs). Pressured to 200#, staged up to 300#. @ 45.2 bbl, started feeding .2 bpm @ 190#, pressure dropping. @46 bbl, .3 bpm @ 0#, increased rate. @ 48 bbl, 1.4 bpm @ 180#, pressure slowly increasing. Finished job .7 bpm @ 200#. ISIP= 180#, 3.5 min= vac.

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

Total fluid used in treatment (bbl): 134

Max pressure during treatment (psi): 300

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): 48

Number of staged intervals:

Recycled water used in treatment (bbl): 0

Flowback volume recovered (bbl): 0

Fresh water used in treatment (bbl): 86

Disposition method for flowback:

Total proppant used (lbs):

Rule 805 green completion techniques were utilized: ☐

Reason why green completion not utilized: PRESSURE

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 06/30/2019 Hours: 24 Bbl oil: 55 Mcf Gas: 18 Bbl H2O: 3
Calculated 24 hour rate: Bbl oil: 50 Mcf Gas: 15 Bbl H2O: 5 GOR: 0
Test Method: pump Casing PSI: 220 Tubing PSI: 150 Choke Size:
Gas Disposition: FLARED Gas Type: DRY Btu Gas: 1300 API Gravity Oil: 38
Tubing Size: 2 + 7/8 Tubing Setting Depth: 7356 Tbg setting date: 03/20/2019 Packer Depth:

Reason for Non-Production: Plugged back Marmaton C (7396- 7402) with CIBP at 7390 and 1 sx cmt. Will not produce Marmaton C. WOR too high to produce without SWD.

Date formation Abandoned: 03/13/2019 Squeeze: ☐ Yes ☐ No If yes, number of sacks cmt

** Bridge Plug Depth: 7390 ** Sacks cement on top: 1 ** 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: Tom Melland
Title: Production Engineer Date: 7/1/2019 Email: tmelland@murfininc.com

Attachment Check List

Att Doc Num **Name**

401978531 FORM 5A SUBMITTED

402000261 WIRELINE JOB SUMMARY

Total Attach: 2 Files

General Comments

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

Total: 0 comment(s)