

**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: <u>61650</u>	4. Contact Name: <u>Tom Melland</u>
2. Name of Operator: <u>MURFIN DRILLING COMPANY INC</u>	Phone: <u>(316) 267-3241</u>
3. Address: <u>250 N WATER ST STE 300</u>	Fax: _____
City: <u>WICHITA</u> State: <u>KS</u> Zip: <u>67202</u>	Email: <u>tmelland@murfininc.com</u>

5. API Number <u>05-073-06757-00</u>	6. County: <u>LINCOLN</u>
7. Well Name: <u>Moonraker</u>	Well Number: <u>6-27</u>
8. Location: QtrQtr: <u>SEnw</u> Section: <u>27</u> Township: <u>10S</u> Range: <u>56W</u> Meridian: <u>6</u>	
9. Field Name: <u>WILDCAT</u> Field Code: <u>99999</u>	

### 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	WIRELINER JOB SUMMARY

Total Attach: 2 Files

**General Comments**

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

Total: 0 comment(s)