

**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:
401939370

Date Received:
04/10/2019

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) 858-8695</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>05-073-06754-00</u>	6. County: <u>LINCOLN</u>
7. Well Name: <u>Red Poll</u>	Well Number: <u>8-21</u>
8. Location: QtrQtr: <u>SENE</u> Section: <u>21</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: 01/24/2019 End Date: 01/25/2019 Date of First Production this formation: 04/03/2019

Perforations Top: 7382 Bottom: 7387 No. Holes: 20 Hole size: 0.5

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

Intital treatment w/1000 gal 15% MCA, .1% surfactant, 3% solvent. Tbg loaded @ 43.5 bbl (.2 bbl into perms). Pressured to 200#, staged up to 500#. @ 44.8 bbl, started feeding .3 bpm @ 400#. Slowly increased the rate as the pressure dropped. Finished job pumping 2.6 bpm @ 400#. ISIP= vac. Retreat w/2000 gal 20% MCA, .1% surfactant, 3% solvent. Tbg loaded @ 57 bbl (13.5 bbl into perms). Feeding 3.9 bpm @ 500#, pressure building very slowly at the end of the job, finished pumping 3.7 bpm @ 500#. ISIP= vac.

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 159 Max pressure during treatment (psi): 500

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): 71 Number of staged intervals: _____

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

Fresh water used in treatment (bbl): 88 Disposition method for flowback: _____

Total proppant used (lbs): _____ 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: 04/09/2019 Hours: 24 Bbl oil: 13 Mcf Gas: 5 Bbl H2O: 0

Calculated 24 hour rate: Bbl oil: 13 Mcf Gas: 5 Bbl H2O: 0 GOR: 384

Test Method: pump Casing PSI: 140 Tubing PSI: 100 Choke Size: _____

Gas Disposition: FLARED Gas Type: WET Btu Gas: 1400 API Gravity Oil: 37

Tubing Size: 2 + 7/8 Tubing Setting Depth: 7445 Tbg setting date: 01/30/2019 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: SPERGEN Status: ABANDONED Treatment Type: ACID JOB
WELLBORE/COMPLETION

Treatment Date: 01/18/2019 End Date: 01/18/2019 Date of First Production this formation:
Perforations Top: 8296 Bottom: 8302 No. Holes: 24 Hole size: 0.5

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

Acidize w/750 gal 15% MCA, .1% surfactant, 3% solvent. Tbg loaded @ 54 bbl (5.2 bbl into perms). Pressured to 200# w/slow bleed off. Staged up to 500#, had good bleed off @ 500#. @ 61 bbl, started feeding 0.3 bpm @ 300#. @ 64 bbl, 1.5 bpm on a vac. ISIP= vac.

This formation is commingled with another formation: Yes No
Total fluid used in treatment (bbl): 77 Max pressure during treatment (psi): 500
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): 18 Number of staged intervals:
Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 0
Fresh water used in treatment (bbl): 49 Disposition method for flowback:
Total proppant used (lbs): Rule 805 green completion techniques were utilized:
Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 01/21/2019 Hours: 1 Bbl oil: 0 Mcf Gas: 0 Bbl H2O: 27
Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 0 Bbl H2O: 220 GOR:
Test Method: swab Casing PSI: Tubing PSI: Choke Size:
Gas Disposition: Gas Type: Btu Gas: 0 API Gravity Oil: 0
Tubing Size: Tubing Setting Depth: Tbg setting date: Packer Depth:

Reason for Non-Production: All water no oil, Set CIBP and 2 sks cement @ 8280

Date formation Abandoned: 01/23/2019 Squeeze: Yes No If yes, number of sacks cmt

** Bridge Plug Depth: 8280 ** Sacks cement on top: 2 ** 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: 4/10/2019 Email: tmelland@murfininc.com

Attachment Check List

Att Doc Num	Name
401939370	FORM 5A SUBMITTED
402003379	WIRELINE JOB SUMMARY

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Per operator, no pipeline is available for gas sales.	04/12/2019
Permit	Missing green completion dropdown. Contacted operator.	04/12/2019

Total: 2 comment(s)