

FORM 5A

Rev 06/12

State of Colorado Oil and Gas Conservation Commission

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Table with columns DE, ET, OE, ES

Document Number: 2363643

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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: 11001
2. Name of Operator: BROWN OIL & GAS LLC
3. Address: 10481 COUNTY ROAD 20.5
City: STERLING State: CO Zip: 80751
4. Contact Name: MARK T BROWN
Phone: (970) 5221072
Fax: (970) 5210187
Email: BROWN\_OIL\_AND\_GAS@HOTMAIL.COM

5. API Number 05-075-07547-00
6. County: LOGAN
7. Well Name: Smith Estate
Well Number: 1
8. Location: QtrQtr: NWNW Section: 15 Township: 11N Range: 54W Meridian: 6
9. Field Name: WILDCAT Field Code: 99999

Completed Interval

FORMATION: J SAND Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 06/26/2014 End Date: 06/26/2014 Date of First Production this formation:
Perforations Top: 5418 Bottom: 5426 No. Holes: 32 Hole size: 42/100

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

5 Staged FRAC WELL WITH 16000 LBS 20/40 OTTOWA SAND 16548gal total fluid.

This formation is commingled with another formation: [ ] Yes [X] No

Total fluid used in treatment (bbl): 394 Max pressure during treatment (psi): 2970
Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal): 1.06
Type of gas used in treatment: Min frac gradient (psi/ft): 0.70
Total acid used in treatment (bbl): Number of staged intervals: 5
Recycled water used in treatment (bbl): 361 Flowback volume recovered (bbl): 0
Fresh water used in treatment (bbl): 33 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 16000 Rule 805 green completion techniques were utilized: [X]

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 06/28/2014 Hours: 8 Bbl oil: 7 Mcf Gas: 10 Bbl H2O: 53
Calculated 24 hour rate: Bbl oil: 21 Mcf Gas: 30 Bbl H2O: 160 GOR: 1429
Test Method: SWAB Casing PSI: 0 Tubing PSI: 0 Choke Size:
Gas Disposition: VENTED Gas Type: WET Btu Gas: 0 API Gravity Oil: 34
Tubing Size: 2 + 7/8 Tubing Setting Depth: 5363 Tbg setting date: 06/28/2014 Packer Depth: 0

Reason for Non-Production: FRAC WELL WITH 16000 LBS 20/40 OTTOWA SAND

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:

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

Signed: \_\_\_\_\_ Print Name: MARK BROWN  
Title: CO OWNER Date: 7/31/2014 Email BROWN\_OIL\_AND\_GAS@HOTMAIL.COM  
:

### Attachment Check List

| <u>Att Doc Num</u> | <u>Name</u>          |
|--------------------|----------------------|
| 2363643            | FORM 5A SUBMITTED    |
| 2363644            | WELLBORE DIAGRAM     |
| 2363645            | CEMENT JOB SUMMARY   |
| 2363646            | CEMENT JOB SUMMARY   |
| 2363647            | WIRELINE JOB SUMMARY |

Total Attach: 5 Files

### General Comments

| <u>User Group</u> | <u>Comment</u>  | <u>Comment Date</u>     |
|-------------------|---|-------------------------|
| Permit            | 1. Requested clarification on fluid density I think instead of 13900 it should be 1.06<br>2. Requested clarification on total fluid used.<br>3. Calculated GOR, confirmed with operator | 6/30/2015<br>8:30:27 AM |

Total: 1 comment(s)