

FORM
5A

Rev
06/12

State of Colorado

Oil and Gas Conservation Commission

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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: 10328	4. Contact Name: Tyson Foutz
2. Name of Operator: SOUTHWESTERN ENERGY VENTURES COMPANY	Phone: (505) 3206275
3. Address: PO BOX 1056	Fax: (970) 4031129
City: BAYFIELD State: CO Zip: 81122	Email: tyson@foutzconsulting.com

5. API Number 05-077-10161-00	6. County: MESA
7. Well Name: Thomas	Well Number: 5
8. Location: QtrQtr: 20 Section: 4 Township: 9S Range: 104W Meridian: 6	
9. Field Name: BAR X	Field Code: 5470

Completed Interval

FORMATION: MORRISON Status: PRODUCING Treatment Type: _____
Treatment Date: 05/17/2012 End Date: 05/17/2012 Date of First Production this formation: 09/25/2013
Perforations Top: 2402 Bottom: 2618 No. Holes: 104 Hole size: 1/3

Provide a brief summary of the formation treatment:

Open Hole: ☐

Spearhead 500 gals 7.5% HCL acid followed by 47bbl linear gel pad and 88 bbl linear gel w/ 13200 SCF N2. Pump 59,280 lbs. 16/30 white sand in 1, 2, 3, and 4 ppg stages in 70Q N2 Foam @ 23 bpm. Pumped total of 377 bbl clean fluid and 72,000 SCF N2 @ 2,200 psig ATP. MIRU wireline and set fac plug @ 2,525' KB. Pressure test to 4,000 psig. Perforate following depths 3 spf, 120 degree phasing, 2402-08', 2478-86', 2504-06' for total of 48 0.34" holes. RD wireline and spearhead w/ 525 gal 7.5% HCl. Follow w/ 19.8 bbl linear gel pad and frac w/ 41,820 lbs 16/30 white sand in 1, 2, 3, and 4 ppg stages in 70Q N2 foam. Total stage clean = 257.8 bbl w/ 50,600 SCF N2. ATP of 2,250 psig @ 22 bpm

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

Total fluid used in treatment (bbl): 634

Max pressure during treatment (psi): 2938

Total gas used in treatment (mcf): 122

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

Type of gas used in treatment: NITROGEN

Min frac gradient (psi/ft): 0.84

Total acid used in treatment (bbl): 24

Number of staged intervals: 2

Recycled water used in treatment (bbl): 0

Flowback volume recovered (bbl): 377

Fresh water used in treatment (bbl): 634

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 101100

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: 09/25/2013 Hours: 24 Bbl oil: 0 Mcf Gas: 70 Bbl H2O: 0
Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 70 Bbl H2O: 0 GOR: 0
Test Method: Flow Casing PSI: 530 Tubing PSI: 270 Choke Size: 16/64
Gas Disposition: VENTED Gas Type: DRY Btu Gas: 800 API Gravity Oil: 0
Tubing Size: 2 + 3/8 Tubing Setting Depth: 2399 Tbg setting date: 05/17/2013 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.

Comment:

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

Signed: _____ Print Name: Tyson Foutz

Title: Consultant Date: 3/3/2014 Email: tyson@foutzconsulting.com

Attachment Check List

Att Doc Num **Name**

400564940 FORM 5A SUBMITTED

Total Attach: 1 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
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