

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



DE	ET	OE	ES
----	----	----	----

Document Number:

400564940

Date Received:

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

2. Name of Operator: SOUTHWESTERN ENERGY VENTURES COMPANY

3. Address: PO BOX 1056

City: BAYFIELD State: CO Zip: 81122

4. Contact Name: Tyson Foutz

Phone: (505) 3206275

Fax: (970) 4031129

Email: tyson@foutzconsulting.com

5. API Number 05-077-10161-00

7. Well Name: Thomas

8. Location: QtrQtr: 20 Section: 4 Township: 9S Range: 104W Meridian: 6

9. Field Name: BAR X Field Code: 5470

6. County: MESA

Well Number: 5

## 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: \_\_\_\_\_ Email: tyson@foutzconsulting.com

## Attachment Check List

Att Doc Num Name

\_\_\_\_\_

Total Attach: 0 Files

## General Comments

User Group

Comment

Comment Date

--	--	--

Total: 0 comment(s)