

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:

400418356

Date Received:

05/15/2013

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: 10311  
2. Name of Operator: SYNERGY RESOURCES CORPORATION  
3. Address: 20203 HIGHWAY 60  
City: PLATTEVILLE State: CO Zip: 80651  
4. Contact Name: Brianne Visconti  
Phone: (970) 737-1073  
Fax: (970) 737-1045

5. API Number 05-123-34088-00  
6. County: WELD  
7. Well Name: Swift  
Well Number: 24-65  
8. Location: QtrQtr: NWNE Section: 24 Township: 6N Range: 66W Meridian: 6  
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 05/24/2012 End Date: 05/24/2012 Date of First Production this formation: 06/19/2012

Perforations Top: 7117 Bottom: 7136 No. Holes: 76 Hole size: 0.38

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

Slickwater Frac on the Codell with a total of 207,130 gal of FR-Water, 90,140 lbs of 30/50 White Sand, and 1000% gal of 15% HCL.

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

Total fluid used in treatment (bbl): 5231

Max pressure during treatment (psi): 5335

Total gas used in treatment (mcf): 0

Fluid density at initial fracture (lbs/gal): 8.33

Type of gas used in treatment:

Min frac gradient (psi/ft): 0.77

Total acid used in treatment (bbl): 24

Number of staged intervals: 8

Recycled water used in treatment (bbl): 0

Flowback volume recovered (bbl): 1744

Fresh water used in treatment (bbl): 4931

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 90140

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: Hours: Bbl oil: Mcf Gas: Bbl H2O:

Calculated 24 hour rate: Bbl oil: Mcf Gas: Bbl H2O: GOR:

Test Method: Casing PSI: Tubing PSI: Choke Size:

Gas Disposition: Gas Type: Btu Gas: API Gravity Oil:

Tubing Size: Tubing Setting Depth: Tbg setting date: 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: <u>J SAND</u>		Status: <u>TEMPORARILY ABANDONED</u>		Treatment Type: <u>FRACTURE STIMULATION</u>	
Treatment Date: <u>05/24/2012</u>		End Date: <u>05/24/2012</u>		Date of First Production this formation: <u>06/09/2012</u>	
Perforations	Top: <u>7576</u>	Bottom: <u>7610</u>	No. Holes: <u>136</u>	Hole size: <u>0.38</u>	

Provide a brief summary of the formation treatment: \_\_\_\_\_ Open Hole: ☐

Slickwater frac on the J-Sand with a total of 207,130 gal of FR-Water, 90,420 lbs of 30/50 White Sand, 1000 gal of 15% HCL acid.

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

Total fluid used in treatment (bbl): <u>5255</u>	Max pressure during treatment (psi): <u>5941</u>
Total gas used in treatment (mcf): <u>0</u>	Fluid density at initial fracture (lbs/gal): <u>8.33</u>
Type of gas used in treatment: _____	Min frac gradient (psi/ft): <u>0.61</u>
Total acid used in treatment (bbl): <u>24</u>	Number of staged intervals: <u>8</u>
Recycled water used in treatment (bbl): <u>0</u>	Flowback volume recovered (bbl): <u>1751</u>
Fresh water used in treatment (bbl): <u>4931</u>	Disposition method for flowback: <u>DISPOSAL</u>
Total proppant used (lbs): <u>90420</u>	Rule 805 green completion techniques were utilized: <input checked="" type="checkbox"/>

Reason why green completion not utilized: \_\_\_\_\_

**Fracture stimulations must be reported on FracFocus.org**

**Test Information:**

Date: _____	Hours: _____	Bbl oil: _____	Mcf Gas: _____	Bbl H2O: _____
Calculated 24 hour rate: _____	Bbl oil: _____	Mcf Gas: _____	Bbl H2O: _____	GOR: _____
Test Method: _____	Casing PSI: _____	Tubing PSI: _____	Choke Size: _____	
Gas Disposition: _____	Gas Type: _____	Btu Gas: _____	API Gravity Oil: _____	
Tubing Size: _____	Tubing Setting Depth: _____	Tbg setting date: _____	Packer Depth: _____	

Reason for Non-Production: 

Because of economic and production reasons, the J-Sand has been TA.

Date formation Abandoned: 03/15/2013 Squeeze: ☐ Yes ☐ No If yes, number of sacks cmt \_\_\_\_\_

\*\* Bridge Plug Depth: 7175      \*\* Sacks cement on top: \_\_\_\_\_      \*\* Wireline and Cement Job Summary must be attached.

FORMATION: NIOBRARA-CODELL Status: PRODUCING Treatment Type: \_\_\_\_\_

Treatment Date: \_\_\_\_\_ End Date: \_\_\_\_\_ Date of First Production this formation: 03/19/2013

Perforations Top: 6926 Bottom: 7136 No. Holes: 204 Hole size: 0.38

Provide a brief summary of the formation treatment: \_\_\_\_\_ Open Hole: ☐

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

Total fluid used in treatment (bbl): \_\_\_\_\_ Max pressure during treatment (psi): \_\_\_\_\_

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): \_\_\_\_\_ Number of staged intervals: \_\_\_\_\_

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

Fresh water used in treatment (bbl): \_\_\_\_\_ 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: 06/19/2012 Hours: 24 Bbl oil: 20 Mcf Gas: 16 Bbl H2O: 0

Calculated 24 hour rate: Bbl oil: 20 Mcf Gas: 16 Bbl H2O: 0 GOR: 800

Test Method: flowing Casing PSI: 1200 Tubing PSI: 1000 Choke Size: 16/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1251 API Gravity Oil: 48

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7104 Tbg setting date: 03/15/2013 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.

FORMATION: NIOBRARA Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 05/24/2012 End Date: 05/24/2012 Date of First Production this formation: 06/19/2012

Perforations Top: 6926 Bottom: 6952 No. Holes: 128 Hole size: 0.38

Provide a brief summary of the formation treatment: \_\_\_\_\_ Open Hole: ☐

Slickwater Frac on the Niobrara with a total of 183,624 gal of FR-Water, and 90,100 lbs of 30/50 White Sand.

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

Total fluid used in treatment (bbl): 5486 Max pressure during treatment (psi): 6446

Total gas used in treatment (mcf): 0 Fluid density at initial fracture (lbs/gal): 8.33

Type of gas used in treatment: \_\_\_\_\_ Min frac gradient (psi/ft): 0.94

Total acid used in treatment (bbl): 0 Number of staged intervals: 6

Recycled water used in treatment (bbl): \_\_\_\_\_ Flowback volume recovered (bbl): 1829

Fresh water used in treatment (bbl): 4372 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 90100 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized: \_\_\_\_\_

**Fracture stimulations must be reported on FracFocus.org**

**Test Information:**

Date: \_\_\_\_\_ Hours: \_\_\_\_\_ Bbl oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbl H2O: \_\_\_\_\_

Calculated 24 hour rate: \_\_\_\_\_ Bbl oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbl H2O: \_\_\_\_\_ GOR: \_\_\_\_\_

Test Method: \_\_\_\_\_ Casing PSI: \_\_\_\_\_ Tubing PSI: \_\_\_\_\_ Choke Size: \_\_\_\_\_

Gas Disposition: \_\_\_\_\_ Gas Type: \_\_\_\_\_ Btu Gas: \_\_\_\_\_ API Gravity Oil: \_\_\_\_\_

Tubing Size: \_\_\_\_\_ Tubing Setting Depth: \_\_\_\_\_ Tbg setting date: \_\_\_\_\_ 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:**

Synergy Resources acquired this well from Orr Energy, effective October 2012. The fracture treatments reported in this 5A were conducted by Orr Energy, previous 5As for these treatments were on Hold and finally withdrawn and that is why I am reporting them now. Synergy Resources set the Bridge Plug over the J-Sand, which is also reported in this 5A. Please let me know if there is any other information imperative for the form's approval.

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

Signed: \_\_\_\_\_ Print Name: Brianne Visconti

Title: Administrator Date: 5/15/2013 Email: bvisconti@syrinfo.com

**Attachment Check List**

Att Doc Num	Name
400418356	FORM 5A SUBMITTED
400418677	WIRELINE JOB SUMMARY
400418679	WELLBORE DIAGRAM

Total Attach: 3 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

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Total: 0 comment(s)