

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:

400313594

Date Received:

08/08/2012

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 05-123-14142-00  
6. County: WELD  
7. Well Name: HOWARD  
Well Number: 10-27  
8. Location: QtrQtr: NWSE Section: 27 Township: 6N Range: 64W Meridian: 6  
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 07/30/2011 End Date: 07/30/2011 Date of First Production this formation: 08/11/2011

Perforations Top: 6888 Bottom: 6902 No. Holes: 56 Hole size:

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

REFRAC THE CODELL-NIOBRARA

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

Total fluid used in treatment (bbl): 3321 Max pressure during treatment (psi): 7401

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

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): 131 Disposition method for flowback:

Total proppant used (lbs): 245260 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>NIOBRARA-CODELL</u>		Status: <u>PRODUCING</u>		Treatment Type: <u>FRACTURE STIMULATION</u>	
Treatment Date: <u>07/30/2011</u>		End Date: <u>07/30/2011</u>		Date of First Production this formation: <u>08/11/2011</u>	
Perforations	Top: <u>6601</u>	Bottom: <u>6902</u>	No. Holes: <u>314</u>	Hole size: _____	
Provide a brief summary of the formation treatment:			Open Hole: <input type="checkbox"/>		
REFRAC THE CODELL-NIOBRARA					
This formation is commingled with another formation:			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Total fluid used in treatment (bbl): <u>3321</u>			Max pressure during treatment (psi): <u>2401</u>		
Total gas used in treatment (mcf): _____			Fluid density at initial fracture (lbs/gal): <u>8.33</u>		
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): <u>131</u>			Disposition method for flowback: _____		
Total proppant used (lbs): <u>245260</u>			Rule 805 green completion techniques were utilized: <input type="checkbox"/>		
Reason why green completion not utilized: _____					
<b>Fracture stimulations must be reported on FracFocus.org</b>					
<b><u>Test Information:</u></b>					
Date: <u>08/11/2011</u>	Hours: <u>24</u>	Bbl oil: <u>3</u>	Mcf Gas: <u>15</u>	Bbl H2O: <u>0</u>	
Calculated 24 hour rate:	Bbl oil: <u>3</u>	Mcf Gas: <u>15</u>	Bbl H2O: <u>0</u>	GOR: <u>5000</u>	
Test Method: <u>FLOWING</u>	Casing PSI: <u>1350</u>	Tubing PSI: <u>1140</u>	Choke Size: <u>14/64</u>		
Gas Disposition: <u>SOLD</u>	Gas Type: <u>WET</u>	Btu Gas: <u>1290</u>	API Gravity Oil: <u>0</u>		
Tubing Size: <u>2 + 3/8</u>	Tubing Setting Depth: <u>6586</u>	Tbg setting date: <u>08/03/2011</u>	Packer Depth: _____		
Reason for Non-Production: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>					
Date formation Abandoned: _____	Squeeze: <input type="checkbox"/> Yes <input type="checkbox"/> 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: 07/30/2011 End Date: 07/25/2011 Date of First Production this formation: 08/11/2011  
Perforations Top: 6601 Bottom: 6730 No. Holes: 258 Hole size: \_\_\_\_\_  
Provide a brief summary of the formation treatment: \_\_\_\_\_ Open Hole: ☐

REFRAC THE CODELL-NIOBRARA

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

Total fluid used in treatment (bbl): 3321 Max pressure during treatment (psi): 7401  
Total gas used in treatment (mcf): \_\_\_\_\_ Fluid density at initial fracture (lbs/gal): 8.33  
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): 131 Disposition method for flowback: \_\_\_\_\_  
Total proppant used (lbs): 245260 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: \_\_\_\_\_

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: 8/8/2012 Email: bvisconti@syrginfo.com

**Attachment Check List**

Att Doc Num	Name
400313594	FORM 5A SUBMITTED

Total Attach: 1 Files

**General Comments**

User Group	Comment	Comment Date

Total: 0 comment(s)