

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:

400339555

Date Received:

10/25/2012

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 05-123-35152-00
6. County: WELD
7. Well Name: Margil
Well Number: 34PD
8. Location: QtrQtr: SWSE Section: 34 Township: 4N Range: 68W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: TEMPORARILY ABANDONED Treatment Type: FRACTURE STIMULATION

Treatment Date: 08/04/2012 End Date: Date of First Production this formation:
Perforations Top: 7592 Bottom: 7610 No. Holes: 73 Hole size: 4

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

Slickwater Frac on the Codell using 162,880 lbs of 30/50 Ottawa sand, 12,500 lbs of 40/70 Ottawa sand, and a total of 212,058 Gal of Fresh water.

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

Total fluid used in treatment (bbl): 5073 Max pressure during treatment (psi): 4886

Total gas used in treatment (mcf): 0 Fluid density at initial fracture (lbs/gal): 1.25

Type of gas used in treatment: Min frac gradient (psi/ft): 0.74

Total acid used in treatment (bbl): 24 Number of staged intervals: 1

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 1683

Fresh water used in treatment (bbl): 5049 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 175380 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: The Codell was TA due to economic and geological reasons

Date formation Abandoned: 08/04/2012 Squeeze: ☐ Yes ☐ No If yes, number of sacks cmt

** Bridge Plug Depth: 7510 ** Sacks cement on top: 0 ** Wireline and Cement Job Summary must be attached.

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION
Treatment Date: 08/04/2012 End Date: 08/04/2012 Date of First Production this formation: 08/18/2012
Perforations Top: 7279 Bottom: 7466 No. Holes: 75 Hole size: 3
Provide a brief summary of the formation treatment: Open Hole: ☐

Gel Frac on the Codell using 235,100 lbs of 30/50 Ottawa sand, 15,220 lbs of 40/70 Ottawa sand, a total of 135,954 Gal of Fresh water, and 2,290 Gal of WG-18 gelling agent.

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

Total fluid used in treatment (bbl): 3237 Max pressure during treatment (psi): 4509
Total gas used in treatment (mcf): 0 Fluid density at initial fracture (lbs/gal): 5.15
Type of gas used in treatment: Min frac gradient (psi/ft): 0.82
Total acid used in treatment (bbl): 0 Number of staged intervals: 1
Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 1279
Fresh water used in treatment (bbl): 3237 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 250320 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 08/18/2012 Hours: 24 Bbl oil: 42 Mcf Gas: 5 Bbl H2O: 150
Calculated 24 hour rate: Bbl oil: 42 Mcf Gas: 5 Bbl H2O: 150 GOR: 119
Test Method: Flowing Casing PSI: 1200 Tubing PSI: 1050 Choke Size:
Gas Disposition: SOLD Gas Type: WET Btu Gas: 0 API Gravity Oil: 1167
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: 10/25/2012 Email: bvisconti@syrginfo.com

Attachment Check List

Att Doc Num	Name
400339555	FORM 5A SUBMITTED
400339579	WIRELINE JOB SUMMARY
400339580	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Received frac details and revised formation tops. Ready to pass.	12/10/2012 3:08:49 PM
Permit	On hold for the following: Need more detailed frac summary for both Codell and Niobrara Need the boxes under summary filled in for both Codell and Niobrara Niobrara perfs go into the Codell Codell perfs seem awfully deep into the formation - Codell is pretty thin zone. Operator, please check on this.	11/16/2012 1:31:12 PM

Total: 2 comment(s)