

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:

400439410

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: 10131

2. Name of Operator: ST. JAMES ENERGY OPERATING INC

3. Address: 11177 EAGLE VIEW DR STE 1

City: SANDY State: UT Zip: 84092

4. Contact Name: Kent Moore

Phone: (970) 351-8877

Fax: (970) 378-8623

5. API Number 05-123-29707-00

7. Well Name: Larson Fairmeadows

8. Location: QtrQtr: NESW Section: 30 Township: 6N Range: 63W Meridian: 6

9. Field Name: WATTENBERG Field Code: 90750

6. County: WELD

Well Number: 6-30

Completed Interval

FORMATION: <u>CODELL</u>		Status: <u>COMMINGLED</u>		Treatment Type: <u>FRACTURE STIMULATION</u>	
Treatment Date: <u>04/05/2013</u>		End Date: <u>04/05/2013</u>		Date of First Production this formation: <u>04/12/2013</u>	
Perforations	Top: <u>6768</u>	Bottom: <u>6780</u>	No. Holes: <u>48</u>	Hole size: <u>13/32</u>	

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

Trip in and Perforated Codell 6768'-6780', 12', 4 shots per ft, 48 total. Used 3 1/8" slick gun with 19 gram 311L charges with a .41" Entry hole, 21.12" of Penetration and 60 degree phasing.

This formation is commingled with another formation: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Total fluid used in treatment (bbl): <u>3031</u>	Max pressure during treatment (psi): <u>4267</u>
Total gas used in treatment (mcf): _____	Fluid density at initial fracture (lbs/gal): <u>8.34</u>
Type of gas used in treatment: _____	Min frac gradient (psi/ft): <u>0.94</u>
Total acid used in treatment (bbl): _____	Number of staged intervals: <u>1</u>
Recycled water used in treatment (bbl): _____	Flowback volume recovered (bbl): _____
Fresh water used in treatment (bbl): <u>3142</u>	Disposition method for flowback: _____
Total proppant used (lbs): <u>270340</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:

Date formation Abandoned: _____	Squeeze: <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, number of sacks cmt _____
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** Bridge Plug Depth: _____
 ** Sacks cement on top: _____
 ** Wireline and Cement Job Summary must be attached.

FORMATION: NIOBRARA-CODELL Status: COMMINGLED Treatment Type: _____

Treatment Date: _____ End Date: _____ Date of First Production this formation: _____

Perforations Top: 6492 Bottom: 6504 No. Holes: 160 Hole size: 13/32

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): 1121

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

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: 04/25/2013 Hours: 24 Bbl oil: 92 Mcf Gas: 180 Bbl H2O: 5

Calculated 24 hour rate: Bbl oil: 92 Mcf Gas: 180 Bbl H2O: 5 GOR: 1957

Test Method: Flowing Casing PSI: 345 Tubing PSI: _____ Choke Size: 14/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1230 API Gravity Oil: 49

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: NIOBRARA Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 04/10/2013 End Date: 04/10/2013 Date of First Production this formation: 04/12/2013
Perforations Top: 6492 Bottom: 6610 No. Holes: 112 Hole size: 7/20

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

Set Cast Iron Flow Thru Plug at 6690', 80' below bottom of Niobrara and 78' above top of Codell. Pull up and Perforate Niobrara B Bench from 6594'-6610' 16', 4 shots per ft, 64 total. Pull up and Perforate Niobrara A Bench from 6492' -6504', 12', 4 shots per ft, 48 total. Both were Salt and Pepper. Used a 3 1/8" Slick Gun. 2 shots per ft were 20 Gram Big Hole Charges with a .73" Entry Hole and 6.05" of Penetration and 120 Degree Phasing and 2 Shots per ft were 21 Gram Deep Hole Charges with a .35" Entry Hole and 38.09" of Penetration with 120 Degree Phasing for a total of 60 Degree Phasing.

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

Total fluid used in treatment (bbl): 4342 Max pressure during treatment (psi): 4955
Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal): 8.34
Type of gas used in treatment: Min frac gradient (psi/ft): 0.99
Total acid used in treatment (bbl): Number of staged intervals: 1
Recycled water used in treatment (bbl): Flowback volume recovered (bbl):
Fresh water used in treatment (bbl): 4444 Disposition method for flowback:
Total proppant used (lbs): 250280 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:

Flowback recovered was recorded for the comingled Niobrara-Codell formations.

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

Signed: Print Name: Erin Mathews
Title: Project Manager Date: Email: erin.mathews@lra-inc.com

Attachment Check List

Att Doc Num	Name

Total Attach: 0 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)