

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:

400534207

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: 10261	4. Contact Name: JONATHAN RUNGE
2. Name of Operator: BAYSWATER EXPLORATION AND PRODUCTION	Phone: (720) 420-5700
3. Address: 730 17TH ST STE 610	Fax: (720) 420-5800
City: DENVER State: CO Zip: 80202	Email: jrunge@iptengineers.com

5. API Number 05-123-37282-00	6. County: WELD
7. Well Name: Albrighton	Well Number: 2-10
8. Location: QtrQtr: SWSW Section: 10 Township: 6N Range: 64W Meridian: 6	
9. Field Name: HARLECH	Field Code: 33560

Completed Interval

FORMATION: <u>CODELL</u>		Status: <u>COMMINGLED</u>		Treatment Type: <u>FRACTURE STIMULATION</u>	
Treatment Date: <u>10/07/2013</u>		End Date: <u>10/07/2013</u>		Date of First Production this formation: _____	
Perforations	Top: <u>6984</u>	Bottom: <u>7000</u>	No. Holes: <u>64</u>	Hole size: <u>042/100</u>	

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

Frac Codell w/ 2119.5 bbls Slickwater Pad, 4067.9 bbls Slickwater slurry (prop concentrations from 0.25-1.50 ppg 30/50 White) & 143.6 bbls Flush (23.8 bbls 15% HCl & 119.8 bbls Treated Water)

This formation is commingled with another formation: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Total fluid used in treatment (bbl): <u>6331</u>	Max pressure during treatment (psi): <u>5345</u>
Total gas used in treatment (mcf): <u>0</u>	Fluid density at initial fracture (lbs/gal): <u>8.34</u>
Type of gas used in treatment: _____	Min frac gradient (psi/ft): <u>0.87</u>
Total acid used in treatment (bbl): <u>23</u>	Number of staged intervals: <u>1</u>
Recycled water used in treatment (bbl): <u>0</u>	Flowback volume recovered (bbl): <u>1519</u>
Fresh water used in treatment (bbl): <u>6293</u>	Disposition method for flowback: <u>DISPOSAL</u>
Total proppant used (lbs): <u>163745</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: PRODUCING Treatment Type: \_\_\_\_\_

Treatment Date: \_\_\_\_\_ End Date: \_\_\_\_\_ Date of First Production this formation: 10/10/2013

Perforations Top: 6708 Bottom: 7000 No. Holes: 240 Hole size: 042/100

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: 10/11/2013 Hours: 14 Bbl oil: 100 Mcf Gas: 101 Bbl H2O: 178

Calculated 24 hour rate: Bbl oil: 171 Mcf Gas: 173 Bbl H2O: 305 GOR: 1010

Test Method: FLOWING Casing PSI: 925 Tubing PSI: \_\_\_\_\_ Choke Size: 014/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1288 API Gravity Oil: 46

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: 10/07/2013 End Date: 10/07/2013 Date of First Production this formation: \_\_\_\_\_

Perforations Top: 6708 Bottom: 6854 No. Holes: 176 Hole size: 042/100

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

Frac Nio B w/ 2119 bbls Slickwater Pad, 4404 bbls Slickwater slurry (prop concentrations from 0.25-1.50 ppg 30/50 White) & 120.1 bbls Flush (23.8 bbls 15% HCl & 96.3 bbls Treated Water)

Frac Nio A w/ 1179 bbls Slickwater Pad, 1771 bbls Slickwater slurry (prop concentrations from 0.25-1.50 ppg 30/50 White) & 115 bbls Flush

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

Total fluid used in treatment (bbl): 9708 Max pressure during treatment (psi): 5329

Total gas used in treatment (mcf): 0 Fluid density at initial fracture (lbs/gal): 8.34

Type of gas used in treatment: \_\_\_\_\_ Min frac gradient (psi/ft): 0.89

Total acid used in treatment (bbl): 23 Number of staged intervals: 2

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 2403

Fresh water used in treatment (bbl): 9665 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 260180 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: JONATHAN RUNGE

Title: CONSULTANT Date: \_\_\_\_\_ Email: jrunge@iptengineers.com

### Attachment Check List

Att Doc Num	Name
400534226	WELLBORE DIAGRAM

Total Attach: 1 Files

### General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)