

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:
400435793
Date Received:
06/25/2013

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: <u>10051</u>	4. Contact Name: <u>TANYA CARPIO</u>
2. Name of Operator: <u>APOLLO OPERATING LLC</u>	Phone: <u>(303) 830-0888 X.201</u>
3. Address: <u>1538 WAZEE ST STE 200</u>	Fax: <u>(303) 830-2818</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>	

5. API Number <u>05-123-35822-00</u>	6. County: <u>WELD</u>
7. Well Name: <u>JWHS</u>	Well Number: <u>31-2D</u>
8. Location: QtrQtr: <u>SENW</u> Section: <u>2</u> Township: <u>3N</u> Range: <u>68W</u> Meridian: <u>6</u>	
9. Field Name: <u>WATTENBERG</u> Field Code: <u>90750</u>	

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 05/23/2013 End Date: 05/23/2013 Date of First Production this formation: 06/14/2013

Perforations Top: 7650 Bottom: 7671 No. Holes: 84 Hole size: 38/100

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

CODELL SHOT FROM 7650-7671 W/4 SPF AND 120 DEGREE PHASING. CODELL FRAC'D WITH 5201 BBLS FR WATER TREATMENT & 89900 LBS OF 30/50 PROPPANT. FORMATION BREAK @ 3256 PSI & 3.2 BPM, TREATED @ 4822 PSI AVERAGE PRESSURE, 58.7 BPM AVERAGE RATE.

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): <u>5201</u>	Max pressure during treatment (psi): <u>5724</u>
Total gas used in treatment (mcf): _____	Fluid density at initial fracture (lbs/gal): <u>8.40</u>
Type of gas used in treatment: _____	Min frac gradient (psi/ft): <u>0.81</u>
Total acid used in treatment (bbl): _____	Number of staged intervals: <u>1</u>
Recycled water used in treatment (bbl): _____	Flowback volume recovered (bbl): <u>970</u>
Fresh water used in treatment (bbl): <u>5201</u>	Disposition method for flowback: <u>DISPOSAL</u>
Total proppant used (lbs): <u>89900</u>	Rule 805 green completion techniques were utilized: <input type="checkbox"/>
Reason why green completion not utilized: <u>PIPELINE</u>	

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: NIOBRARA-CODELL Status: PRODUCING Treatment Type: _____

Treatment Date: _____ End Date: _____ Date of First Production this formation: 06/14/2013

Perforations Top: 7432 Bottom: 7671 No. Holes: 292 Hole size: 38/100

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: 06/14/2013 Hours: 24 Bbl oil: 22 Mcf Gas: 67 Bbl H2O: 254

Calculated 24 hour rate: Bbl oil: 22 Mcf Gas: 67 Bbl H2O: 254 GOR: 3097

Test Method: FLOWING Casing PSI: 1850 Tubing PSI: _____ Choke Size: 12/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1250 API Gravity Oil: 45

Tubing Size: _____ Tubing Setting Depth: _____ Tbg setting date: _____ Packer Depth: _____

Reason for Non-Production: **TUBING HAS NOT BE RUN YET. NIOBRARA AND CODELL FORMATIONS WERE TESTED TOGETHER.**

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: 05/29/2013 End Date: 05/29/2013 Date of First Production this formation: 06/14/2013
Perforations Top: 7432 Bottom: 7536 No. Holes: 208 Hole size: 38/100

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

NIOBRARA C SHOT FROM 7506-7536 & NIOBRARA B SHOT FROM 7432-7454 ALL W/4 SPF AND 120 DEGREE PHASING. NIOBRARA FRAC'D WITH 5299 BBLs FR WATER TREATMENT & 90,440 LBS OF 30/50 PROPPANT. FORMATION BREAK @ 3110 PSI & 10.2 BPM, TREATED @ 4325 PSI AVERAGE PRESSURE, 59.5 BPM AVERAGE RATE.

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): <u>5299</u>	Max pressure during treatment (psi): <u>5244</u>
Total gas used in treatment (mcf): _____	Fluid density at initial fracture (lbs/gal): <u>8.40</u>
Type of gas used in treatment: _____	Min frac gradient (psi/ft): <u>0.81</u>
Total acid used in treatment (bbl): <u>23</u>	Number of staged intervals: <u>1</u>
Recycled water used in treatment (bbl): _____	Flowback volume recovered (bbl): <u>1918</u>
Fresh water used in treatment (bbl): <u>5275</u>	Disposition method for flowback: <u>DISPOSAL</u>
Total proppant used (lbs): <u>90440</u>	Rule 805 green completion techniques were utilized: <input type="checkbox"/>

Reason why green completion not utilized: PIPELINE

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: TANYA CARPIO
Title: OFFICE MANAGER Date: 6/25/2013 Email: TCARPIO@APOLLOOPERATING.COM

Attachment Check List

Att Doc Num	Name
400435793	FORM 5A SUBMITTED
400435803	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	ok to pass.	9/30/2013 11:06:47 AM
Permit	ON HOLD: w/o approval of form 5.	9/30/2013 3:28:32 PM

Total: 2 comment(s)