

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:

400740382

Date Received:

06/10/2016

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: 39560  
2. Name of Operator: TOP OPERATING COMPANY  
3. Address: 3609 S WADSWORTH BLVD STE 340  
City: LAKEWOOD State: CO Zip: 80235  
4. Contact Name: Paul Herring  
Phone: (720) 6631698  
Fax:  
Email: paul.herrig@topoperating.com

5. API Number 05-123-10613-00  
6. County: WELD  
7. Well Name: Kintz  
Well Number: 1  
8. Location: QtrQtr: SENE Section: 8 Township: 3N Range: 68w Meridian: 6  
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION  
Treatment Date: 04/14/2014 End Date: 04/14/2014 Date of First Production this formation: 04/02/1983  
Perforations Top: 7312 Bottom: 7322 No. Holes: 40 Hole size: 38/100

Provide a brief summary of the formation treatment:

Open Hole: ☐

PERFORATED THE CODELL FROM 7312-22' WITH 4 SPF. FRACED THE CODELL DOWN 4 1/2" WITH 202,000 GALS OF FR WATER AND 150,250# OF 30/50 SAND. Used 24 BBLS acid. SET FLOW THRU FRAC PLUG AT 7250'

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

Total fluid used in treatment (bbl): 4833 Max pressure during treatment (psi): 4833

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): 0.83

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

Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 487

Fresh water used in treatment (bbl): 4809 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 150250 Rule 805 green completion techniques were utilized: ☐

Reason why green completion not utilized: PRESSURE

Fracture stimulations must be reported on [FracFocus.org](http://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: J SAND		Status: TEMPORARILY ABANDONED		Treatment Type: _____	
Treatment Date: _____		End Date: _____		Date of First Production this formation: _____	
Perforations	Top: 7792	Bottom: 7793	No. Holes: 10	Hole size: 0.38	
Provide a brief summary of the formation treatment:			Open Hole: <input type="checkbox"/>		
This formation is commingled with another formation:			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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: <input 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: 12/23/1982	Squeeze: <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, number of sacks cmt _____
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\*\* Bridge Plug Depth: 7468      \*\* Sacks cement on top: \_\_\_\_\_      \*\* Wireline and Cement Job Summary must be attached.

FORMATION: NIOBRARA-CODELL Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 04/14/2014 End Date: 04/14/2014 Date of First Production this formation: 04/15/2014

Perforations Top: 7098 Bottom: 7322 No. Holes: 144 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: 04/16/2014 Hours: 6 Bbl oil: 41 Mcf Gas: 51 Bbl H2O: 10

Calculated 24 hour rate: Bbl oil: 246 Mcf Gas: 306 Bbl H2O: 60 GOR: 1244

Test Method: FLOWBACK Casing PSI: \_\_\_\_\_ Tubing PSI: \_\_\_\_\_ Choke Size: \_\_\_\_\_

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1200 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: 04/14/2014 End Date: 04/14/2014 Date of First Production this formation: 04/15/2014

Perforations Top: 7098 Bottom: 7176 No. Holes: 104 Hole size: 38/100

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

PERFORATED THE NIOBRARA FROM 7098 - 7110 AND 7160-7176 WITH 4 SPF, .38" HOLES. FRACED THE NIOBRARA DOWN 4 1/2" WITH 220,000 GAL FOR FR WATER, 24 BBLS acid, 50,080# OF 40/70 SAND, 160,440# OF 30/50 SAND, AND 10,840# OF RESIN COATED 20/40 SAND.

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

Total fluid used in treatment (bbl): 5262

Max pressure during treatment (psi): 4213

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): 0.83

Total acid used in treatment (bbl): 24

Number of staged intervals: 1

Recycled water used in treatment (bbl):

Flowback volume recovered (bbl): 487

Fresh water used in treatment (bbl): 5238

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 221360

Rule 805 green completion techniques were utilized: ☐

Reason why green completion not utilized: PRESSURE

**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:

MIXED AND PUMPED 157 SXS OF CEMENT, 14.0 PPG, 1.53 CU/SX AND PUMPED DOWN CASING. DISPLACED CEMENT TO 7150' WITH WATER. RAN 3 5/8" BIT ON TUBING. TAGGED CEMENT AT 6945' DRILLED SOFT CEMENT TO 7059'. WAITED FOR CEMENT TO HARDEN. DRILLED SOFT CEMENT FROM 7059'-7188'. DRILLED HARD CEMENT THRU PERFS AT 7213' CIRCULATE HOLE CLEAN AND PRESSURE TEST TO 500 PSI. JW WIRELINE RAN CBL-VDL-GR FROM PBTD AT 7237' TO CEMENT TOP AT 6720' GOOD BOND ACROSS NIOBRARA. RAN BIT AND DRILL OUT CIBP AT 7270'. PUMPED 10 BBLS OF WATER FOLLOWED BY 200 SXS OF 15.2 PPG, 1.27 YIELD NEAT CEMENT. DISPLACED 1/2 BBLS OF WATER. JW WIRELINE RAN CBL-VDL-GR FROM 648' TO SURFACE. GOOD BOND FROM 440' TO 552' OKAY BOND FROM 440' TO SURFACE.

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

Signed: Print Name: Paul Herring

Title: Landman Date: 6/10/2016 Email paul.herring@topoperating.com

### Attachment Check List

Att Doc Num	Name
400740382	FORM 5A SUBMITTED
400740995	OTHER
400742229	WELLBORE DIAGRAM
401061522	CEMENT JOB SUMMARY

Total Attach: 4 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Operator supplied date of TA for J.	03/12/2017
Permit	Corrected fluid totals and water totals for both fracs. Requested date of TA for J sand in 1982. Added J sand panel.	03/07/2017
Permit	Corrected date of first prod. for CODL. Req'd J sand panel to verify date of TA. 5A previously submitted left this blank. Corrected BTU, GOR, and API.	07/11/2016
Permit	operator requested rtn to DRAFT	04/14/2016
Engineer	operator requested rtn to DRAFT	02/23/2016
Engineer	requested cementing be reported appropriately on Form 5 - cement summary and Other should be deleted asked if test date is actually 4/16 and not 8/16 since IP for both Codell nd Nio are 4/15	12/05/2014

Total: 6 comment(s)