

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:

400839991

Date Received:

05/19/2015

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: 10213
2. Name of Operator: DJ RESOURCES INC
3. Address: 1600 BROADWAY #1960
City: DENVER State: CO Zip: 80202
4. Contact Name: Dominic Bazile
Phone: (303) 595-7430
Fax: (303) 595-7431
Email: djbazile@djrlc.com

5. API Number 05-123-33666-00
6. County: WELD
7. Well Name: Pawnee Creek 9-57-18
Well Number: 1M
8. Location: QtrQtr: SENW Section: 18 Township: 9N Range: 57W Meridian: 6
9. Field Name: WILDCAT Field Code: 99999

Completed Interval

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

Treatment Date: 10/12/2011 End Date: 10/13/2011 Date of First Production this formation:
Perforations Top: 5906 Bottom: 5907 No. Holes: 1 Hole size: 1

Provide a brief summary of the formation treatment:

Open Hole: ☐

Start pumping Lincoln Limestone FET at 2.4 bpm. Saw break at 1.6 bpm and 3400 psi. Increase rate to 4.5 bpm at 4200 psi. Allow rate and pressure to stabilize. SD. Pumped 21.5 bbls of fresh water with Bio Clear 1000. ISIP = 2524 psi (0.86 psi/ft). 5 min = 2468 psi, 10 min = 2463 psi, 15 min = 2459 psi.

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

Total fluid used in treatment (bbl): 21 Max pressure during treatment (psi): 2524

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

Type of gas used in treatment: Min frac gradient (psi/ft): 0.86

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: 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: Observation well.

Date formation Abandoned: 11/28/2011 Squeeze: ☐ Yes ☐ No If yes, number of sacks cmt

** Bridge Plug Depth: 5886 ** Sacks cement on top: ** Wireline and Cement Job Summary must be attached.

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

Treatment Date: 10/19/2011 End Date: 11/23/2011 Date of First Production this formation:

Perforations Top: 5335 Bottom: 5561 No. Holes: 6 Hole size: 1

Provide a brief summary of the formation treatment:

Open Hole: ☐

10/19/2011-Start pumping Niobrara 'C' shale FET at 2.4 bpm. Saw break at 2.4 bpm and 4392 psi. Maintained rate at 2.4 bpm at 4200 psi. Allow rate and pressure to stabilize. SD. Pumped 10 bbls of fresh water with Bio Clear 1000. ISIP = 3877 psi (1.04 psi/ft FG). 5 min = 3834 psi, 10 min = 3784 psi, 15 min = 3755 psi.

10/27/2011-MI Mesa wireline. Check pressure(300psi) RU tool trap, wireline lubricator, pump-in sub, WL BOP's. Arm gun. Equalize well. RIH with Owens 10K 4.375 CIBP and 3 1/8 TAG gun, loaded with 23 gram Owen 3125-31NT charges. Correlate to short joint at 5090 -5112' Set plug @ 5535'(CBL/NL), came up hole and perforated the Niobrara 'C' @ 5500-5501'(CBL/NL). POOH all shots fired.Closed master valves. RD Mesa wireline. Superior Well Service arrived on location.MI Superior. RU hardline. Set pop-off to 7800psi.Went to test hardline to 8500psi. Pressure bleeds off. Changed out 2" valve. Ran fluid through lines. Again won't test at high pressure. Holds on low pressure tests. Opened well up. Brought rate up to 2.7 bpm. Formation broke @4011. Pumped 2.5 barrels of Magnacide treated water. ISIP @1915, 5-Min. @1870, 10-Min. @1863, 15-Min. @ 1860. Frac gradient @0.78psi/ft. Closed wing valves.

11/3/2011-RIH with Owens 10K 4.375 CIBP and 3 1/8 TAG gun, loaded with 23 gram Owen 3125-31NT charges. Correlate to short joint at 5090 -5112' Set plug @ 5485'(CBL/NL), came up hole and perforated the Niobrara 'B' Shale @ 5461-5462'(CBL/NL). POOH all shots fired. Spent gun measured 3.37, 3.38 and 3.39OD. RD wireline. Set pop-off to7800psi, pump and lines @8532psi. Opened well up with 42psi. Brought rate up to 2.5bpm. Formation broke @4105psi. Pumped 3.6bbls. magnacide treated water. ISIP 4105psi. 5- Min. @1744, 10-Min @1576 and 15-Min @1482. 0.98 psi/ft. frac gradient. Closed wing valves.

11/10/2011-MI Mesa wireline. Check pressure(185psi) RU tool trap, wireline lubricator, pump-in sub, WL BOP's. Arm gun. Equalize well. RIH with Owens 10K 4.375 CIBP and 3 1/8 TAG gun, loaded with 23 gram Owen 3125-31NT charges. Correlate to short joint at 5090 -5112' Set plug @ 5445'(CBL/NL), came up hole and perforated the Niobrara 'B' @ 5420-5421'(CBL/NL). POOH all shots fired. Spent gun measured 3.35, 3.35 and 3.3OD.Close master valves. RD Mesa.Set pop-off to 7900psi, iron tested to 8100. Opened well up, brought rate up to 2.5bbls./min. Niobrara 'B' broke down @ 6410psi. Pumped 4.3bbls. magnacide treated water into formation. ISIP @ 2522psi. 5min @1350, 10Min @1056 and 15min. @945psi. FG.(0.90 psi/ft.) Closed wing valves. Monitor data.

11/17/2011-MI Mesa wireline. Check pressure. RU tool trap, wireline lubricator, pump-in sub, WL BOP's. Arm gun. Equalize well. RIH with Weatherford 10K 4.375 CBP and 3 1/8 TAG gun, loaded with 23 gram Owen 3125-31NT charges. Correlate to short joint at 5090-5112' Set plug @ 5410'(CBL/NL), came up hole and perforated the Niobrara Upper B' @ 5388-5389'(CBL/NL). POOH all shots fired. Spent gun measured 3.32, 3.35 and 3.31 OD. RD Mesa wireline. Set pop-off @7600psi, lines to 9200. Opened well up. Brought rate up to 2.6bpm. Formation broke @ 4410 psi. Pumped 4 barrels of magnacide treated water into the formation. ISIP @ 1158 psi (0.65 psi/ft). 5 min @ 1070, 10 min @ 1015 and 15 min @ 960 psi. Closed wing valves. SWI. Monitor well with DataTrap. Shut well in.

11/23/2011- MI Mesa wireline. Check pressure. RU tool trap, wireline lubricator, pump-in sub, WL BOP's. Arm gun. Equalize well. RIH with Weatherford 10K 4.375 CBP and 3 1/8 TAG gun, loaded with 23 gram Owen 3125-31NT charges. Correlate to short joint at 5090-5112' Set plug @ 5370'(CBL/NL), came up hole and perforated the Niobrara 'A' @ 5335-5336'(CBL/NL). POOH all shots fired. Spent gun measured 3.36, 3.35 and 3.37 OD. Test pop-off @ 7900 psi. Lines to 8682 psi. Opened well up to 2.1 pm. Formation broke @4514 psi. Pumped 5bbls/ magnacide treated water into well. ISDP @ 1950 psi. 5 min. @ 963 psi. 10 min. @ 945 psi and 15 min. @ 926 psi. FG= (0.80 psi/ft.) Closed wing valves. SWI. RD BJ. Monitor data.

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

Total fluid used in treatment (bbl): 29

Max pressure during treatment (psi): 4105

Total gas used in treatment (mcf):

Fluid density at initial fracture (lbs/gal):

Type of gas used in treatment:

Min frac gradient (psi/ft): 0.65

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: 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: Observation well.

Date formation Abandoned: 11/28/2011 Squeeze: ☐ Yes ☒ No If yes, number of sacks cmt _____
** Bridge Plug Depth: 5300 ** Sacks cement on top: 20 ** 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: Ryan Becker
Title: Env Compliance Consultant Date: 5/19/2015 Email ryan_becker@golder.com
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Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400839991	FORM 5A SUBMITTED
400840008	CEMENT JOB SUMMARY
400840009	CEMENT JOB SUMMARY
400840010	COMPLETED INTERVAL REPORT
400840011	OTHER
400841454	WELLBORE DIAGRAM

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)