

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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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: 10396 4. Contact Name: Cheryl Rowell
 2. Name of Operator: SOUTHWESTERN ENERGY PRODUCTION Phone: (281) 618-7439
 3. Address: 2350 N SAM HOUSTON PKWY EAST #125 Fax: _____
 City: HOUSTON State: TX Zip: 77032 Email: cheryl_rowell@swn.com

5. API Number 05-081-07282-00 6. County: MOFFAT
 7. Well Name: NORTH FORK Well Number: 43-12
 8. Location: QtrQtr: NESE Section: 12 Township: 7N Range: 93W Meridian: 6
 9. Field Name: ENCORE Field Code: 21530

Completed Interval

FORMATION: NIOBRARA Status: TEMPORARILY ABANDONED Treatment Type: _____
 Treatment Date: _____ End Date: _____ Date of First Production this formation: _____
 Perforations Top: 8637 Bottom: 10164 No. Holes: 45 Hole size: _____
 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: _____ 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: No casing integrity below 6300'. Set cement plug accross Niobrara perms.

Date formation Abandoned: 08/01/2014 Squeeze: Yes No If yes, number of sacks cmt 375

** Bridge Plug Depth: 8609 ** Sacks cement on top: 24 ** Wireline and Cement Job Summary must be attached.

Comment:

Southwestern a new operator in Colorado as of 5/1/14 has been working diligently to learn and meet all COGCC rules and regulations while implementing a 2014 drilling program in the Sand Wash Basin. The North Fork 43-12 was purchased from Quicksilver with a 2 year SI status requiring an MIT. Southwestern had filed a Form 4 requesting extension of the MIT in order to test the Niobrara and if proven uneconomical temporarily abandon. The MIT extension was granted for 30 days with by Stuart Ellsworth with the understanding Southwestern would produce or TA the well and conduct an MIT. While reviewing our files to prepare for requesting an MIT, it was discovered a Form 4 was not filed requesting the following work which had been conducted on the well.

Niobrara tested uneconomical. Wellbore has no integrity below 6300'.

Operations 7/16/14 - 8/1/14: Pressure test well, test failed multiple times, tested successful @ 6300'. Set CICR @ 8609'. Pump cement plug across the Niobrara perms 8,637-10,164', 375 sxs cement. Pumped 5 bbls cement (130') on top of CICR. Attempted to set CICR @ 6300', CICR set prematurely @ 3438' (3rd CICR to activate early). Pumped 1430 sxs cement below cement retainer, 5 bbls cement top of retainer.

Southwestern would like to request TA status in order to hold wellbore for future utilization.

MIT request submitted 8/7/2014. Doc #400659180

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

Signed: _____ Print Name: Cheryl Rowell
Title: Sr. Staff Reg. Analyst Date: _____ Email: cheryl_rowell@swn.com

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400657970	WELLBORE DIAGRAM
400657971	WELLBORE DIAGRAM
400657974	OTHER
400657992	OPERATIONS SUMMARY
400659159	CEMENT JOB SUMMARY
400659164	CEMENT JOB SUMMARY

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)