

**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



DE ET OE ES

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Date Received:

12/17/2012

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: 26625 4. Contact Name: Amy Mackey
2. Name of Operator: ELM RIDGE EXPLORATION CO LLC Phone: (505) 6323476
3. Address: 12225 GREENVILLE AVE STE 950 Fax: (505) 6328151
City: DALLAS State: TX Zip: 75243-

5. API Number 05-067-09094-00 6. County: LA PLATA
7. Well Name: IGW Well Number: #106
8. Location: QtrQtr: NWSW Section: 15 Township: 33N Range: 9W Meridian: N
9. Field Name: IGNACIO BLANCO Field Code: 38300

Completed IntervalFORMATION: FRUITLAND COAL Status: PRODUCING Treatment Type: FRACTURE STIMULATIONTreatment Date: 11/27/2012 End Date: 12/07/2012 Date of First Production this formation: 12/11/2012Perforations Top: _____ Bottom: _____ No. Holes: 120 Hole size: 11/25Provide a brief summary of the formation treatment: _____ Open Hole: ☒

Pumped 2500 gal of 7.5% HCL Acid. Pumped 1500 gal of 15% FE/HCl acid. Pumped 39,558 gal of 15CP Delta Frac fluid, followed by 86,511 gal of 15 CP Delta Frac Fluid. Used 1440 saks of 20/40 Arizona Sand coated 1435 sks of 20/40 Arizona sand.

This formation is commingled with another formation: ☐ Yes ☒ NoTotal fluid used in treatment (bbl): 906 Max pressure during treatment (psi): 2824Total gas used in treatment (mcf): 1512 Fluid density at initial fracture (lbs/gal): _____Type of gas used in treatment: NITROGEN Min frac gradient (psi/ft): 0.80Total acid used in treatment (bbl): 95 Number of staged intervals: 11Recycled water used in treatment (bbl): _____ Flowback volume recovered (bbl): 1992Fresh water used in treatment (bbl): 906 Disposition method for flowback: DISPOSALTotal proppant used (lbs): 132874 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized: _____

Fracture stimulations must be reported on FracFocus.org**Test Information:**Date: 12/11/2012 Hours: 24 Bbl oil: 0 Mcf Gas: 1250 Bbl H2O: 240Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 1250 Bbl H2O: 240 GOR: 0Test Method: Flowing Casing PSI: 160 Tubing PSI: 160 Choke Size: 1/2Gas Disposition: VENTED Gas Type: COAL GAS Btu Gas: 969 API Gravity Oil: 0Tubing Size: 2 + 3/8 Tubing Setting Depth: 3071 Tbg setting date: 12/14/2012 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: PICTURED CLIFFS Status: TEMPORARILY ABANDONED Treatment Type: FRACTURE STIMULATION
Treatment Date: 03/17/2005 End Date: _____ Date of First Production this formation: 03/21/2006
Perforations Top: 3240 Bottom: 3320 No. Holes: 160 Hole size: 19/50
Provide a brief summary of the formation treatment: _____ Open Hole: ☐

Acidized w/ 1120 gals of 7 1/2% MCA HCL w/ MUSOL, Frac formation w/ 86,579 gals of 70Q Delta 140 Foam Frac fluid. 1292 sks of 20/40 SLC sand w/ 545 sks coated w/ SSW. Concentration 1# to 5.27#

This formation is commingled with another formation: ☐ Yes ☒ No
Total fluid used in treatment (bbl): 574 Max pressure during treatment (psi): 2013
Total gas used in treatment (mcf): 850 Fluid density at initial fracture (lbs/gal): _____
Type of gas used in treatment: NITROGEN Min frac gradient (psi/ft): 0.70
Total acid used in treatment (bbl): 26 Number of staged intervals: 8
Recycled water used in treatment (bbl): _____ Flowback volume recovered (bbl): 574
Fresh water used in treatment (bbl): 574 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 1292 Rule 805 green completion techniques were utilized: ☒
Reason why green completion not utilized: _____

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 03/28/2006 Hours: 24 Bbl oil: 0 Mcf Gas: 650 Bbl H2O: 0
Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 650 Bbl H2O: 0 GOR: 0
Test Method: Flowing Casing PSI: 295 Tubing PSI: 30 Choke Size: 3/4
Gas Disposition: VENTED Gas Type: WET Btu Gas: 969 API Gravity Oil: 0
Tubing Size: 2 + 3/8 Tubing Setting Depth: 3243 Tbg setting date: 03/24/2006 Packer Depth: _____
Reason for Non-Production: Well isn't producing at this formation.
Date formation Abandoned: 11/27/2012 Squeeze: ☐ Yes ☐ No If yes, number of sacks cmt 450
** Bridge Plug Depth: 3200 ** Sacks cement on top: 150 ** Wireline and Cement Job Summary must be attached.

Comment:

The PCCF formation was abandoned and we reperforated the Fruitland Coal.

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

Signed: _____ Print Name: Amy Mackey
Title: Sr. Regulatory Supervisor Date: 12/17/2012 Email: amackey1@elmridge.net

Attachment Check List

Att Doc Num	Name
400357249	FORM 5A SUBMITTED
400357286	COMPLETED INTERVAL REPORT
400357289	COMPLETED INTERVAL REPORT
400357290	CEMENT JOB SUMMARY

Total Attach: 4 Files

General Comments

User Group

Comment

Comment Date

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Total: 0 comment(s)