

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells  
2001 FEB -6 PM 1:01

1. Type of Well  
GAS

2. Name of Operator

**BURLINGTON  
RESOURCES** OIL & GAS COMPANY

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

1830'FSL, 1530'FWL, Sec.6, T-29-N, R-10-W, NMPM

5. Lease Number  
NM-03561

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. Well Name & Number  
Grenier B #7

9. API Well No.  
30-045-20368

10. Field and Pool  
Aztec PC/Basin FTC

11. County and State  
San Juan Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment

Type of Action

☐ Abandonment ☐ Change of Plans  
☒ Recompletion ☐ New Construction  
☐ Plugging Back ☐ Non-Routine Fracturing  
☐ Casing Repair ☐ Water Shut off  
☐ Altering Casing ☐ Conversion to Injection  
☒ Other - P&A Pictured Cliffs

13. Describe Proposed or Completed Operations

It is intended to plug and abandon the Pictured Cliffs formation and recomplete to the Fruitland Coal formation in the subject well according to the attached procedure and wellbore diagram.



14. I hereby certify that the foregoing is true and correct.

Signed [Signature] Title Regulatory Supervisor Date 2/5/01  
TLW

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date 2/16/01

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCB

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-102  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-045-20368	<sup>2</sup> Pool Code 71280/71629	<sup>3</sup> Pool Name Aztec Pictured Cliffs/Basin Fruitland Coal
<sup>4</sup> Property Code 18532	<sup>5</sup> Property Name Grenier B	<sup>6</sup> Well Number 7
<sup>7</sup> OGRID No. 14538	<sup>8</sup> Operator Name Burlington Resources Oil & Gas Company	<sup>9</sup> Elevation 5853, ungr.

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
K	6	29N	10W		1830	South	1530	West	San Juan

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres <sup>13</sup> Joint or Infill <sup>14</sup> Consolidation Code <sup>15</sup> Order No.  
PC: SW/160/32.14  
ETC: S/281.04

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p><sup>16</sup></p> <p>Original plat from E.V. Echohawk 9-10-68.</p> <p>6</p> <p>1530'</p> <p>1830'</p>	<p><sup>17</sup> OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p><i>Peggy Cole</i></p> <p>Signature</p> <p>Peggy Cole</p> <p>Printed Name</p> <p>Regulatory Supervisor</p> <p>Title</p> <p>2-5-01</p> <p>Date</p>
	<p><sup>18</sup> SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>Certificate Number</p>

Grenier B # 7  
 Recompletion Procedure  
 Unit K Sec 6 T29N R10W  
 San Juan County, N.M.  
 Lat: 36° 45.15'  
 Long: 107° 55.69'

**PROJECT SUMMARY:** P&A existing Pictured Cliffs interval and recomplete to the Fruitland Coal. Stimulate with Dowell's SuperFoam (70QN2), 20# Linear Gel, and 85M# 20/40 sand.

1. Comply to all NMOCD, BLM, and BROG rules and regulations. MOL and RU completion rig. Take pressure reading on bradenhead, bleed off pressure if needed. ND tree, NU BOP w/flow tee and stripping head. NU blooie line and 2-7/8" relief line. Spot and fill 2 – 400 Bbls frac tanks with filtered 2% KCl water. Deliver to location – 2300' 2-3/8" 4.7# J55 EUE tubing, 2 jts 2-7/8" 6.5# N80 buttress tubing, 1 – 4-1/2" (9.5#, J55) Cement Retainer, 1 – 4-1/2" (9.5#, J55) Tension set packer, 1 – 4-1/2" (9.5#, J55) RBP
2. TOOH w/ 74 jts 1" tbq.
3. TIH with 4-1/2" (9.5#, J55 casing) cement retainer on 2-3/8" 4.7# J55 EUE tbq. Set at 2218'. Sting into retainer. Hold 500 psi on annulus. Establish injection rate into perfs. Squeeze 20 sxs of Class B neat cement into the perfs (100% excess). Pull out of retainer. Reverse circulate just above the retainer, with 2% KCl water, 2 tubing volumes to pit to ensure tubing is clear of cement.
4. Spot 5 Bbls of 15% HCl across the perforation interval (2030'-2209').
5. TIH with 4-1/2" (9.5#, J55) tension set pkr on 2 jts of 2-7/8" 6.5# N80 buttress tbq. Set pkr at 60'.
6. RU stimulation company and pressure test casing to 3200 psi (75% of max rated pressure for 4-1/2" 9.5# J55 casing).
7. Release 4-1/2" (9.5#, J55) tension set pkr and TOOH.
8. RU wireline and perforate at the following depths with a 3-1/8" HSC gun and Owen 306T 12g charges (0.30" dia and 17.48" penetration), **2 spf.** 2030'-2038', 2048'-2051', 2058'-2060', 2089'-2091', 2123'-2125', 2207'-2209' (50 perfs) POOH. RD wireline.
9. TIH with 4-1/2" (9.5#, J55) tension set packer and 4-1/2" (9.5#, J55) RBP combo to individually breakdown perfs. Break down each of the following settings with ~10 Bbls of 2% KCl at 3-5 BPM. The following table lists the setting depths for the 4-1/2" (9.5#, J55) tension set packer and 4-1/2" (9.5#, J55) RBP combo and the perforations to be straddled. Correlate depths to GR/CCL provided with the procedure.

Packer Setting Depth	RBP Setting Depth	Perforations
2200'	2214'	2207'-2209'
2115'	2130'	2123'-2125'
2080'	2100'	2089'-2091'
2042'	2065'	2048'-2051', 2058'-2060'
2025'	2042'	2030'-2038'

10. Release 4-1/2" (9.5#, J55) tension set packer and 4-1/2" (9.5#, J55) RBP combo. TOOH
11. TIH with 4-1/2" (9.5#, J55) tension set pkr on 2 jts of 2-7/8" 6.5# N80 buttress tbg. Set pkr at 60'.
12. RU stimulation company. Test surface lines to 4200 psi. Max surface treating pressure will be 3200 psi. Keep bradenhead valve open throughout the stimulation and shutdown if returns are noticed. Stimulate FTC w/Dowell's SuperFoam (70Q N2) using 20# Linear gel as the base fluid and 85,000# 20/40 Arizona sand at 30 BPM. Max pressure is 3200 psi and estimated surface treating pressure is 2850 psi. (Pipe friction is 840 psi @ 30 BPM). Tag with three radioactive isotopes. See attached treatment schedule.
13. Allow at least 2 hours for gel to break and then commence with flowback. Starting on a 1/8" choke, flow well back to pit. If minimal sand is being produced, change to a larger choke size. If choke plugs off, change chokes and clean obstruction. Continue increasing choke size, as sand allows, and cleaning up well.
14. Release pkr and TOOH and lay down 2-7/8" 6.5# N80 buttress tbg. TIH with 3-7/8" mill on 2-3/8" 4.7# J55 EUE tbg and clean out to 2218' with air/mist.
15. Clean out wellbore until water rates are down. If well continues to make water, take samples and have them analyzed for indications of formation or stimulation water. If water is from stimulation, continue to clean up and take samples until rate is down to 1 BWPH. If water is from formation, continue with procedure. Take pitot gauges when possible. TOOH.
16. Prepare to run production tubing string as follows: expendable check, one joint 2-3/8" tubing, 1.78" seating nipple, and remaining tubing. Broach tubing in hole. Land tubing @ 2209'.
17. ND BOP's, NU single tubing hanger wellhead. Pump off expendable check. Obtain final pitot up tubing. If well will not flow on it's own, make swab run to seating nipple. RD and MOL. Turn well to production.
18. Run Protechnics afterfrac log when time allows after rig is released.

Recommended: *[Signature]*  
Production Engineer 1-15-01

Approved: *PJB* 1/24/01  
Drilling Superintendent

Approved: *[Signature]*  
Team Leader

VENDORS:

Wireline: Basin  
Fracturing: Dowell

327-5244  
325-5006

*[Signature]* 1-25-01  
*swabbing needed*

Production Engineer: Bobby Goodwin  
Office: 326-9713  
Home: 599-0992  
Pager: 326-8134

# Grenier B #7

Basin Fruitland Coal  
Unit K, Section 6, T29N, R10W  
San Juan County, NM  
Elevation: 5853' GR  
LAT: 36 45.15' / LONG: 107 55.69'  
date spud: 03/19/69

## Current

12-1/4" Hole  
8-5/8" 24#, J55  
csg set @ 178'  
w/ 75 sxs cmt  
circ to surface

Formation Tops:  
Ojo Alamo @  
Kirtland @  
Fruitland @  
Pct'd Cliffs @ 2219'

TOC @ 843'  
by CBL

1", 1.4#, J55 tbg  
set @ 2226'

6-1/4" Hole  
4-1/2" 9.5#, J-55  
set at 2305'  
cmt with 250 sxs

TD: 2305'

Pictured Cliffs Perfs:  
2224' - 2236'

Pictured Cliffs Perfs:  
2242' - 2252'

## Proposed

2-3/8", 4.7#, J55 tbg  
set @ ~2210'

CIBP @ 2218'

Fruitland Perfs:  
2030' - 2209'

Pictured Cliffs Perfs:  
2224' - 2236'

Pictured Cliffs Perfs:  
2242' - 2252'

TD: 2305'