

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

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

1780' FNL, 790' FWL, Sec.8, T-26-N, R-8-W, NMPM

5. Lease Number

SF-078384

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number

Newsom B #7

9. API Well No.

30-045-05940

10. Field and Pool

Basin Fruitland Coal/
Basin Dakota

11. County and State

San Juan Co, NM

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

Type of Submission

Type of Action

☒ Notice of Intent

☐ Abandonment

☐ Change of Plans

☐ Subsequent Report

☒ Recompletion

☐ New Construction

☐ Final Abandonment

☒ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

☐ Other -

13. Describe Proposed or Completed Operations

It is intended to plug back the subject well to the Fruitland Coal formation according to the attached procedure and wellbore diagram. The Dakota formation will be abandoned.



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

Signed [Signature] (PMP1) Title Regulatory Administrator Date 12/27/99

(This space for Federal or State Office use)

APPROVED BY /s/ Charlie Beecham Title _____ Date FEB 24 2000

CONDITION OF APPROVAL, if any:

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

Hold C-104 for USC

MMOCD

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer 00, 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

| | | | |
|----------------------------|---|--------------------------|--|
| API Number 30-045-05940 | | Pool Code 71629/71599 | Pool Name Basin Fruitland Coal/Basin Dakota |
| Property Code 7363 | Property Name Newsom B | | Well Number 7 |
| OGRID No. 14538 | Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY | | Elevation 6268' GR |

¹⁰ Surface Location

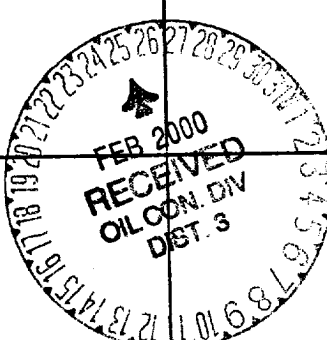
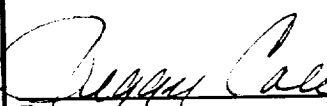
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| E | 8 | 26N | 8W | | 1780' | North | 790' | West | SJ |

¹¹ Bottom Hole Location If Different From Surface

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

| | | | |
|--|-------------------------------|----------------------------------|-------------------------|
| ¹² Dedicated Acres FTC-N/320 DK-W/320 | ¹³ Joint or Infill | ¹⁴ Consolidation Code | ¹⁵ Order No. |
|--|-------------------------------|----------------------------------|-------------------------|

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

| | | |
|--|--|--|
| <div>16</div> <div>1780'</div> <div>790'</div> <div></div> | <div>17 OPERATOR CERTIFICATION</div> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <div></div> <div>Signature</div> <div>Peggy Cole</div> <div>Printed Name</div> <div>Regulatory Administrator</div> <div>Title</div> <div>12-28-99</div> <div>Date</div> | |
| | <div>18 SURVEYOR CERTIFICATION</div> <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> <div></div> <div>Date of Survey</div> <div>Signature and Seal of Professional Surveyer:</div> | |
| | Certificate Number | |

NEWSOM B #7 FRTC
Workover Procedure
E 8 26 8
San Juan County, N.M.
Lat-Long: 36 – 30.25 & 107 – 42.67

PROJECT SUMMARY: Plugback from the Dakota and recompleting to the Fruitland Coal in this 1963 vintage well. The FRTC will be foam fraced through a frac string.

1. Comply to all NMOCD, BLM, and BROG rules and regulations. MOL and RU completion rig. NU BOP w/flow tee and stripping head. NU blooie line and 2-7/8" relief line.
2. TOH w/210 jts 2-3/8" tbg. TIH w/4-1/2" cmt ret on 2-3/8" tbg & set @ 6350'. Sq DK perfs w/50 sx cl "G" cmt. This will fill inside the pipe from 6674' to 6350' w/100% excess cmt. Sting out of ret and spot 5 sx cmt on top of cmt ret @ 6350'. Reverse out cmt.
3. ~~Perf 2 sq holes @ 5474' (50' below top of Gallup). Attempt to establish rate into sq holes down csg at less than 500 psi. TIH w/4-1/2" cmt ret on 2-3/8" tbg and set @ 5374' (50' above top of Gallup). Sq perfs w/41 sx cmt. This will fill outside and inside 4-1/2" csg 50' above and below the top of Gallup w/50% excess cmt. Sting out of cmt ret and spot 5 sx cmt on top ret. Reverse out cmt. TOH.~~
4. Perf 2 sq holes @ 3650' (50' below top of MV). Attempt to establish rate into sq holes down csg at less than 500 psi. TIH w/4-1/2" cmt ret on 2-3/8" tbg and set @ 3550' (50' above top of MV). Sq perfs w/41 sx cmt. This will fill outside and inside 4-1/2" csg 50' above and below the top of MV w/50% excess cmt. Sting out of cmt ret and spot 5 sx cmt on top ret. Reverse out cmt. TOH.
5. MI Blue Jet. Set 4-1/2" top drillable BP @ 2160' on wireline. Pressure test 4-1/2" csg and BP to 500 psi. Run CBL from 2160' (stg tool @ 2239') to top of cmt in 4-1/2" csg and an advanced integrated data processed GSL neutron log 2160'-1700' and correlate to attached open hole log. Pressure csg to 1000 psi if necessary to see bond. Hot-shot logs to Mike Pippin (326-9848) so perfs can be picked.
6. TIH w/2-3/8" tbg open ended and spot 190 gal 15% HCL acid 2040'-1765'
All acid on this well to contain the following additives per 1000 gal:

| | | |
|---------|----------------|---------------------|
| 2 gal | CI-22 | corrosion inhibitor |
| 5 gal | Ferrotrol-300L | iron control |
| 1 gal | Flo-back 20 | Surfactant |
| 0.5 gal | Clay Master-5C | clay control |
7. Using GSL log, Perf about 40' of FRTC w/2 spf from about 2040' to 1765'. Perf using 3-1/8" hollow steel carrier guns loaded w/Owen HSC 13 gm. charges phased at 90 degrees. Average perf dia. = 0.48". Average penetration is 18" in Berea.
8. Spot and fill 3-400 bbl. frac tanks w/1% KCL water. If necessary, filter all water to 25 microns. Two tanks are for gel and one tank for breakdown water. Usable water required for frac is 717 bbls.
9. TIH w/4-1/2" pkr on 2-7/8" 6.5# N-80 w/shaved collars (3.5" O.D. 2.441" I.D.) rental frac string (run 2 jts 2-3/8" N-80 on top of pkr) and set 200' above top perf. W/ 500 psi on annulus, breakdown and attempt to balloff FRTC perfs w/1500 gal 15% HCL acid and 150% excess RCN 7/8" 1.3 sp gr perf balls. Use same acid additives as in step #6.

Max. pressure is 4550 psi. Lower pkr to 2050' to knock off perf balls. Reset pkr 50' above top perf.

10. Fracture treat FRTC down frac string w/100,000 gals. of 70 quality foam using 20# gel as the base fluid and 200,000# 20/40 Arizona sand. Pump at 40 BPM. Monitor bottomhole and surface treating pressures, rate, foam quality, and sand concentration with computer van. Sand to be tagged w/ 3 RA tracers. Max. pressure is 6000 psi and estimated treating pressure is ~~4097~~ ⁵¹⁵⁶ psi. (Pipe friction is ~~2873~~ ³⁹⁸² psi @ 50 BPM). Treat per the following schedule:

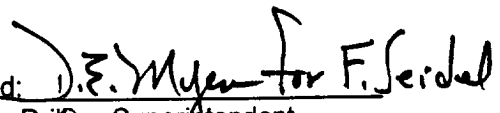
| Stage | Foam Vol. (Gals.) | Gel Vol. (Gals.) | Sand Vol. (lbs.) |
|---------|----------------------|---------------------|---------------------|
| Pad | 20,000 | 6,000 | — |
| 1.0 ppg | 20,000 | 6,000 | 20,000 |
| 2.0 ppg | 20,000 | 6,000 | 40,000 |
| 3.0 ppg | 20,000 | 6,000 | 60,000 |
| 4.0 ppg | 20,000 | 6,000 | 80,000 |
| Flush | (413) | (123) | 0 |
| Totals | 100,000 | 30,000 | 200,000# |

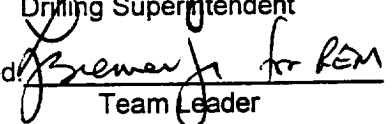
Shut well in after frac for 4 hours to allow the gel to break. Treat frac fluid w/the following additives per 1000 gallons:

- | | |
|----------------------|--|
| * 20# J-48 | (Guar Gel mix in full tank - 16,000 gal) |
| * 1.0 gal. Aqua Flow | (Non-ionic Surfactant mix in full tank) |
| * 1.0# GVW-3 | (Enzyme Breaker mix on fly) |
| * 1.0# B - 5 | (Breaker mix on fly) |
| * 5.0 gal Fracfoam I | (Foamer mix on fly) |
| * 0.38# FracCide 20 | (Bacteriacide mix on full tank) |

11. Open well through choke manifold and monitor flow. Flow @ 20 bbl/hr, or less if sand is observed. Take pitot gauges when possible.
12. Release pkr and TOH w/frac string. TIH w/notched collar on 2-3/8" tbg and clean out to 2160' w/air/mist.
13. Monitor gas and water returns and take pitot gauges when possible.
14. When wellbore is sufficiently clean, TOH and run after frac gamma-ray log and perf eff. log from 2160'-1700'.
15. TIH w/ 2-3/8" tbg w/standard seating nipple one joint off bottom and again cleanout to 2160'. When wellbore is sufficiently clean, land tbg @ 2000' KB. Take final water and gas rates.
16. ND BOP and NU wellhead and tree. Rig down and release rig.

Recommended: 
Production Engineer

Approved: 
Drilling Superintendent

Approved: 
Team Leader

NEWSOM B #7 FRTC – RECOMPLETE TO FRUITLAND COAL

VENDORS:

| | | |
|-------------|--------------|----------|
| Wireline: | Blue Jet | 325-5584 |
| Fracturing: | Howco | 325-3575 |
| RA Tagging: | Pro-Technics | 326-7133 |
| Packers: | Schlum. | 325-5006 |

PMP

NEWSOM B #7 FRTC

UNIT E SECTION 8 T27N R8W
SAN JUAN COUNTY, NEW MEXICO

PROPOSED

