

BURLINGTON RESOURCES

SAN JUAN DIVISION

August 4, 1997

New Mexico Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

Att: Mr. Roy Johnson

Dear Mr. Johnson:

This is an application for variance to Rule 107 Section J. We intend to drill and complete the following wells in the Pictured Cliffs formation, run 3 1/2" casing and cement, and run no tubing.

| | | |
|-------------------------|------------------------------|-------------------------|
| San Juan 29-7 Unit #157 | SE Section 4, T-29-N, R-7-W | 30-039-25709 |
| San Juan 29-7 Unit #156 | SE Section 10, T-29-N, R-7-W | 30-039-25698 |
| San Juan 29-7 Unit #155 | NE Section 9, T-29-N, R-7-W | 30-039-25710 |
| San Juan 29-7 Unit #154 | NE Section 5, T-29-N, R-7-W | 30-039-not yet assigned |

These tubingless completions are desirable as they allow Burlington to economically produce reserves from the tight, low pressure Pictured Cliffs formation. Significant cost savings are realized using this method. The 3 1/2" casing string will allow the wells to produce at a higher rate than can be realized through smaller tubulars, and also carry less risk during any subsequent workover operations.

All the listed wells meet the following criteria:

- are in proven fields
- are less than 5000' total depth
- do not have corrosive or pressure problems
- are not dual completions
- will not produce any liquids or condensate (dry gas only)

Attached is a pertinent data sheet and wellbore schematic for each well. Please let me know if you require any additional information for these wells.

Sincerely,

BURLINGTON RESOURCES


Peggy Bradfield
Regulatory/Compliance Administrator

xc: NMOCD Aztec District Office

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OIL CON. DIV.
DIST. 3

San Juan 29-7 Unit #157
Pertinent Data Sheet

Location: 825' FSL & 1560' FEL, Unit O, Section 4, T29N, R7W, Rio Arriba County, New Mexico

Latitude: 36°45.0' **Longitude:** 107°34.3'

Field: Blanco PC **Elevation:** 6204' GL
6218' KB **TD:** 3336'
PBTD: 3332'

Spud Date: Pending **Compl Date:** Pending **DP #:** 61992A
Lease: SF - 078919
GWl: 50.41%
NRI: 42.68%
Prop#: 007986532

Initial Potential: Completion Pending

Casing Record:

| <u>Hole Size</u> | <u>Csg Size</u> | <u>Wt. & Grade</u> | <u>Depth Set</u> | <u>Cement</u> | <u>Cement (Top)</u> |
|------------------|-----------------|------------------------|------------------|---------------|---------------------|
| 12-1/4" | 8-5/8" | 23# WC-50 | 200' | 215 sx. | Circ Cmt |
| 6-1/4" | 3-1/2" | 7.7# WC-70 | 3336' | 501 sx | Circ Cmt |

Cement Record:

- 8-5/8" 23# M-50 cemented with 215 sx Class "B", 3% CaCL, 1/4 pps Cello plug.
- 3-1/2" 7.7# WC-70 cemented with 501 sx. Class "B" w/ 10#/sx gilsonite, 3% econolite and 1/2 # flocele /sx. Tail w/100 sx 50/50 Class "B" 50/50 poz w/ 2% CaCL.

Formation Tops:

| | |
|------------------|-------|
| Ojo Alamo: | 1979' |
| Kirtland Shale: | 2186' |
| Fruitland: | 2668' |
| Pictured Cliffs: | 3036' |

Logging Record: Open hole wireline logs - SFL,LDT,APS, FMI

Pipeline: EPNG

San Juan 29-7 Unit #157

Section 4 O, T-29-N, R-7-W
Rio Arriba County, NM

BLANCO PICTURED CLIFFS WELLBORE SCHEMATIC

PROPOSED

ELEVATION: 6204' GL 6218' KB

