

# BURLINGTON RESOURCES

SAN JUAN DIVISION

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OIL CON. DIV.  
DIST. 3

July 31, 1998

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 workover and drill additional hole in the following wells in the Pictured Cliffs formation, run 3 1/2" casing and cement, and run no tubing.

|                     |                               |              |
|---------------------|-------------------------------|--------------|
| Pipkin #4           | NE Section 18, T-27-N, R-10-W | 30-045-06556 |
| Huerfanito Unit #49 | NE Section 35, T-27-N, R-9-W  | 30-045-06155 |
| Huerfanito Unit #25 | SE Section 4, T-26-N, R-9-W   | 30-045-05998 |
| Huerfanito Unit #24 | SW Section 4, T-26-N, R-9-W   | 30-045-06030 |
| Huerfano Unit #47   | NE Section 9, T-26-N, R-9-W   | 30-045-05971 |
| McConnell #2        | SE Section 13, T-26-N, R-9-W  | 30-045-05816 |
| McConnell #3        | NE Section 13, T-26-N, R-9-W  | 30-045-05854 |

In addition, we intend to workover the following Pictured Cliffs wells which currently have 3 1/2" casing. We will stimulate and fracture treat these wells, and will run no tubing back in the wells.

|               |                               |              |
|---------------|-------------------------------|--------------|
| Summit B #5   | NW Section 33, T-29-N, R-11-W | 30-045-60273 |
| Whitley #1    | NW Section 17, T-27-N, R-9-W  | 30-045-06531 |
| Aztec #6      | SE Section 14, T-28-N, R-11-W | 30-045-07393 |
| Mangum #3     | SE Section 28, T-29-N, R-11-W | 30-045-07810 |
| Atlantic C #8 | NE Section 31, T-31-N, R-10-W | 30-045-20137 |
| Florance #8   | NW Section 20, T-30-N, R-9-W  | 30-045-20462 |
| Pierce #9     | NW Section 7, T-30-N, R-9-W   | 30-045-20475 |
| Sunray B #7   | SW Section 15, T-30-N, R-10-W | 30-045-20846 |
| Sunray A #5   | SE Section 10, T-30-N, R-10-W | 30-045-20894 |
| Summit #7     | SE Section 34, T-29-N, R-11-W | 30-045-21530 |

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.

Mr. Roy Johnson  
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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

**Sunray B # 7**  
**Pertinent Data Sheet**

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**API #:** 300452084600

**Location:** 1525 ' FSL & 1500 ' FWL, Unit K, Section 15, T30N, R10W, San Juan County, New Mexico

**OIL CON. DIV.**  
DIST. 3

**Latitude:** 36 ° - 48.55 '      **Longitude:** 107 ° - 52.51 '

**Field:** Blanco PC

**Elevation:** 6,381 ' GL  
6,392 ' KB

**TD:** 3,106 '

**PBTD:** 3,095 '

**DP #:** 44313A

**Lease:** NM 817300

**GWl:** 100 %

**NRI:** 82.833333 %

**Prop#:** 72257000

**Spud Date:** 4/21/72

**Compl Date:** 7/6/72

**Initial Potential:** 2533 Mcfd

**Original SIP:** 952 psi

**Casing Record:**

| <u>Hole Size (In.)</u> | <u>Csg Size (In.)</u> | <u>Wt. (#'s) &amp; Grade</u> | <u>Depth Set (Ft.)</u> | <u>Cement (Sx.)</u> | <u>Cement (Top)</u> |
|------------------------|-----------------------|------------------------------|------------------------|---------------------|---------------------|
| 12 1/4                 | 8 5/8                 | 24 J-55                      | 136                    | 90                  | circ to surf        |
| 6 3/4                  | 2 7/8                 | 6.4 J-55                     | 3,106                  | 200                 | 1475' (TS)          |

**Tubing Record:**

| <u>Tbg. Size</u> | <u>Wt. &amp; Grade</u> | <u>Depth Set</u> | <u># Joints</u> | <u>Comments</u> |
|------------------|------------------------|------------------|-----------------|-----------------|
| 1 1/4"           | 2.3 J-55               | 3,024 '          | 93              |                 |

**Formation Tops:**

Ojo Alamo: 1,650 '  
Kirtland Shale: 1,780 '  
Fruitland: 2,660 '  
Pictured Cliffs: 3,005 '

**Logging Record:** IEL, CDL, TS

**Original Stimulation:** Perf'd 3008-20', 3030-42', w/48 Holes, SWF w/ 30,786 gal wtr and 30,000# 10/20 sand

**Workover History:** None

**Production History:** 5/98 PC capacity: 20 MCF/D. 5/98 PC cum: 713 MMCF.

**Pipeline:** EPNG

File: Q:\area\pcteam\1998\welldata\slimhole\SLIMPERT

# Sunray B # 7

Section 15 K, T-30 -N R-10 -W  
San Juan, New Mexico

## Blanco Pictured Cliffs Field Wellbore Schematic

