

BURLINGTON RESOURCES

SAN JUAN DIVISION

October 1, 1997

New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, NM 87410

Re: San Juan 32-9 Unit #23A
1600'FNL, 1490'FWL Section 5, T-31-N, R-09-W, San Juan County, NM
API #30-045-23382

Gentlemen:

The above referenced well is a Mesa Verde/Pictured Cliffs commingle. Order DHC-1565 was issued for the commingling. The following allocation formula is submitted for your approval:

| | | |
|-------------------|------------|---------|
| Mesa Verde - | 52.6 % gas | 0 % oil |
| Pictured Cliffs - | 47.4 % gas | 0 % oil |

These percentages are based on flow tests from the Mesa Verde and Pictured Cliffs during recompletion operations.

Please let me know if you have any questions.

Sincerely,



Peggy Bradfield
Regulatory/Compliance Administrator

xc: Bureau of Land Management
NMOCD - Santa Fe

PRODUCTION ALLOCATION FORMULA METHOD

**San Juan 32-9 #23A
(Pictured Cliffs/ Mesaverde) Commingle
Unit F, 05-T31N-R09W
San Juan County, New Mexico**

Allocation Formula Method:

Current Production from Mesaverde formation = 1000 MCFD

Current Production from Pictured Cliffs formation = 900 MCFD

$$\frac{[(MV \& PC) 1900 \text{ MCFD} - (MV) 1000 \text{ MCFD}]}{(MV \& PC) 1900 \text{ MCFD}} = (PC) \% = \text{Pictured Cliffs } 47.4\%$$

$$\frac{[(MV \& PC) 1900 \text{ MCFD} - (PC) 900 \text{ MCFD}]}{(MV \& PC) 1900 \text{ MCFD}} = (MV) \% = \text{Mesaverde } 52.6 \%$$

Current Production from Mesaverde formation = 0 BOPD

Current Production from Pictured Cliffs formation = 0 BOPD

$$\frac{[(MV \& PC) 0 \text{ BOPD} - (MV) .94 \text{ BOPD}]}{(MV \& PC) 0 \text{ BOPD}} = (PC) \% = \text{Pictured Cliffs } 0\%$$

$$\frac{[(MV \& PC) 0 \text{ BOPD} - (PC) 0 \text{ BOPD}]}{(MV \& PC) 0 \text{ BOPD}} = (MV) \% = \text{Mesaverde } 0\%$$