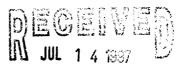
· helmofd.dnc

### BURLINGTON RESOURCES

SAN JUAN DIVISION

June 24, 1997



01L CON. DIV. **DIST. 3** 

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

Re:

Helms Federal #1

1800'FSL, 1695'FWL Section 22, T-30-N, R-10-W, San Juan County, NM

API #30-045-09330

#### Gentlemen:

The above referenced well is a Mesa Verde/Dakota commingle. Order DHC-1561 was issued for the commingling. The following allocation formula is submitted for your approval:

Mesa Verde -

42% gas

100 % oil

Dakota -

58% gas

0 % oil

These percentages are based on historical data from the Mesa Verde and Dakota.

Please let me know if you have any questions.

Sincerely,

Peggy Bradfield

Regulatory/Compliance Administrator

xc: Bureau of Land Management

### PRODUCTION ALLOCATION FORMULA METHOD

# Helms Federal #1 (Mesaverde/Dakota) Commingle Unit K, 22-T30N-R10W San Juan County, New Mexico

### **Allocation Formula Method:**

**Current Production from Mesaverde formation = 50 MCFD** 

Current Production from Dakota formation = 70 MCFD

[(MV & DK) 120 MCFD - (MV) 50 MCFD] = (DK) % Dakota 58% (MV & DK) 120 MCFD

[(MV & DK) 120 MCFD - (DK) 70 MCFD] = (MV) % Mesaverde 42% (MV & DK) 120 MCFD

## NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE 1006 RIO BRAZOS ROAD AZTEC, NEW MEXICO 87410 (508) 334-6176 Fax (508)334-6170

GARY E. JOHNSON GOVERNOR

JENNIFER A. SALISBURY CABINET SECRETARY

July 18, 1997

Ms Peggy Bradfield Burlington Resources O&G Co PO Box 4289 Farmington NM 87499

Re:

Helms Federal #1, API# 30-045-09330, K-22-30N-10W, DHC

Dear Ms. Bradfield:

Your recommended allocation of commingled production for the referenced well is hereby accepted as follows:

	Gas	Oil
Blanco Mesaverde	42%	100%
Basin Dakota	58%	0%

Yours truly,

Ernie Busch

District Geologist/Deputy O&G Inspector

EB/sh

cc: well file