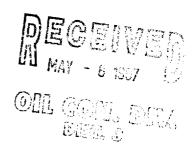
# BURLINGTON RESOURCES

SAN JUAN DIVISION

May 8, 1997



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

Re:

Klein #19

1190'FNL, 890'FEL Section 34, T-26-N, R-6-W, Rio Arriba County, NM API #30-039-20499

#### Gentlemen:

The above referenced well is a Mesa Verde/Gallup/Dakota commingle. Order R-10239 was issued for the commingling. The following allocation formula is submitted for your approval:

Mesa Verde -	85% gas	45 % oil
Gallup -	5% gas	45 % oil
Dakota -	10% gas	10 % oil

These percentages are based on historical production.

Please let me know if you have any questions.

Sincerely,

Peggy Bradfield

Regulatory/Compliance Administrator

xc: Bureau of Land Management

### PRODUCTION ALLOCATION FORMULA METHOD

## Klein #19 (Mesaverde/Gallup/Dakota Commingle) NE/4, Sec. 34-T26N-R06W Rio Arriba County, New Mexico

### Blanket DHC Order # R-10239

#### **Production Rates**

Historical Gas Production from Dakota = <u>1921 MCFM</u> Historical Oil Production from Dakota = 8 BOPM

Total Gas Production for all three formations =  $\underline{21777 \text{ MCFD}}$  (5 month average) Total Oil Production for all three formations =  $\underline{107 \text{ BOPM}}$  (5 month average)

### **Allocation for Gas Production:**

Production tests in offsetting Klein #24, Klein #19M and Klein #28E indicate that Gallup contributes about 5% of commingled gas and about 45% of commingled oil production. This assumption is made in calculating allocation percentages for this well.

Assumed: (GL) % Gallup 5%

[DK] 1921 MCFM] = (DK) % Dakota 10%(All) 21777 MCFM

(All) 100% - (DK) 10% - (GL) 5% = **Mesaverde 85%** 

# **Allocation for Oil Production:**

Assumed: (GL) % Gallup 45%

 $[\underline{(DK) \ 8 \ BOPM}] = (DK) \% \underline{Dakota \ 10\%}$ (All) 107 BOPM

(All) 100% - (DK) 10% - (GL) 45% = Mesaverde 45%

OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE 1000 RIO BRAZOS ROAD AZTEC, NEW MEXICO 87410 (508) 334-6178 Fax (505)234-6170

GARY E. JOHNSON GOVERNOR

JENNIFER A. SALISBURY CABINET SECRETARY

May 12, 1997

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

Re:

Klein #19, API# 30-039-20499, A-34-26N-06W, DHC

Dear Ms. Bradfield:

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

	Gas	Oil
Blanco Mesaverde	85%	45%
Gallup	5%	45%
Basin Dakota	10%	10%

Yours truly,

Ernie Busch

District Geologist/Deputy O&G Inspector

EB/sh

cc: well file