



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
AZTEC NM 87410
(505) 334-6178 FAX: (505) 334-6170
[http://nemnr.state.nm.us/ocd/District III/district.htm](http://nemnr.state.nm.us/ocd/District%20III/district.htm)

GARY E. JOHNSON
GOVERNOR

Jennifer A. Salisbury
CABINET SECRETARY

February 18, 1998

Ms. Jennifer Dobson
Burlington Resources O&G Co
PO Box 4289
Farmington NM 87499-4289

Re: San Juan 27- 4 Unit Com #34, O-34-27N-04W, API# 30-039-06796, DHC

Dear Ms. Dobson:

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

| | Gas | Oil |
|-----------|-----|------|
| Mesaverde | 46% | 0% |
| Dakota | 54% | 100% |

Future filings must include the API number. Please contact me if you have any questions.

Yours truly,

Ernie Busch
District Geologist/Deputy O&G Inspector

EB/sh

cc: Duane Spencer-Farmington BLM
well file

274#34. Ahc

BURLINGTON RESOURCES

SAN JUAN DIVISION

30-039-06796

February 4, 1998

Mr. Frank Chavez
New Mexico Oil Conservation Division
Aztec, NM 87410

RE: Commingling Allocation
San Juan 27-4 Unit Com #34
1180' FSL & 1700' FEL
Section 34, T27N, R04W

RECEIVED
FEB 10 1998
OIL CON. DIV.
DIST. 3

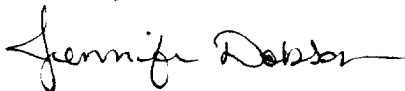
Dear Mr. Chavez,

We have reviewed the production tests on our San Juan 27-4 Unit Com #34 MV/DK, a recent commingled Blanco Mesaverde and Basin Dakota producer, as per N.M.O.C.D order DHC-1514. Based on volumes taken before and after the workover from the Mesaverde and Dakota, we feel that the following gas/oil production allocation on the subject well's commingled zones would be reasonably accurate:

| | <u>Gas</u> | <u>Oil</u> |
|-----------|------------|------------|
| Mesaverde | 46% | 0% |
| Dakota | 54% | 100% |

Please let us know if this percentage allocation meets with your approval.

Sincerely,



J. L. Dobson
Production Engineer

JLD:jld
attachments

Calculations for San Juan 27-4 Unit Com #34 - MV/DK

O 34 T27N R04W

Commingled
Blanco Mesaverde
Basin Dakota

This DK producer had the MV recompleted and the MV/DK production commingled.

Average DK production prior to workover: 117 MCFD

Average stabilized MV/DK production after workover: 218 MCFD

Gas Allocation

$$\text{MV} = (218 - 117) / 218 = 46 \%$$

$$\text{DK} = 117 / 218 = 54 \%$$

Oil Allocation

Average DK Oil Production before Workover: 1.2 BOPD

Average MV/DK Oil Production after Workover: 1.2 BOPD

Since no increase in oil production was realized from the MV/DK commingling, the oil allocation is estimated to be:

$$\text{MV} = 0 \%$$

$$\text{DK} = 100 \%$$