



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
AZTEC NM 87410
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[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 27-5 Unit #105M, O-11-27N-05W, API# 30-039-22435, DHC

Dear Ms. Dobson:

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

	Gas	Oil
Mesaverde	65%	50%
Dakota	35%	50%

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

BURLINGTON RESOURCES

SAN JUAN DIVISION

275#105M. dhc

22435

February 4, 1998

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

RE: Commingling Allocation
San Juan 27-5 Unit #105M
1190' FSL & 1740' FEL
0 Section 11, T27N, R05W

RECEIVED
FEB 10 1998

OIL CON. DIV.
DIST. 3

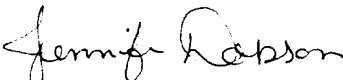
Dear Mr. Chavez,

We have reviewed the production tests on our San Juan 27-5 Unit #105M MV/DK, a recent commingled Blanco Mesaverde and Basin Dakota producer, as per N.M.O.C.D order DHC-1503. 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	65%	50%
Dakota	35%	50%

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 27-5 Unit #105M - MV/DK

O 11 T27N R05W

Commingled
Blanco Mesaverde
Basin Dakota

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

Average DK only production prior to workover:	213	MCFD
Average MV/DK commingled production after the workover:	602	MCFD

Gas Allocation

$$\begin{aligned} \text{MV} &= (602-213)/602 = 65 \% \\ \text{DK} &= 213/602 = 35 \% \end{aligned}$$

Oil Allocation

Due to the minimal amount of oil production and the lack of oil production during completion operations, the oil allocation is estimated to be:

$$\begin{aligned} \text{MV} &= 50 \% \\ \text{DK} &= 50 \% \end{aligned}$$
