



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC NM 87410
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[http://emnr.state.nm.us/ocd/District III/3district.htm](http://emnr.state.nm.us/ocd/District%20III/3district.htm)

GARY E. JOHNSON
Governor

Jennifer A. Salisbury
Cabinet Secretary

March 8, 1999

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

Re: Hare #16, 02-29N-10W, DHC, API# 30-045-08749

Dear Ms. Bradfield:

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

	Gas	Oil
Mesaverde	33%	95%
Dakota	67%	05%

Yours truly,

Ernie Busch
District Geologist/Deputy O&G Inspector

EB/mk

cc: BLM Farmington-Jim Lovato
NMOCD Santa Fe-David Catanach
well file

hare #16-dhc

BURLINGTON RESOURCES

RECEIVED
FEB 17 1999
OIL CON. DIV.
DIST. 3

February 15, 1999

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

Re: Hare #16
1980'FNL, 990'FEL Section 2, T-29-N, R-10-W
30-045-08749

Gentlemen:

Attached is a copy of the allocation for the commingling of the subject well. DHC-1836 was issued for this well.

Gas: Mesa Verde 33%
Dakota 67%

Oil: Mesa Verde 95%
Dakota 5%

These allocations are based on historic production, and commingled production from the Mesa Verde and Dakota after the Menefee was added to the Mesa Verde in July 1998. Please let me know if you have questions on this matter.

Sincerely,



Peggy Bradfield
Regulatory/Compliance Administrator

Xc: NMOCD – Santa Fe
Bureau of Land Management – Farmington

CALCULATIONS FOR HARE #16 MV-DK

Commingled
Blanco Mesaverde
Basin Dakota

The Dakota and Point Lookout member of MV has been producing dual since 1962.
The Dakota has a cumulative of 955 MMCF and 12,068 BO.
The Mesaverde has a cumulative of 499 MMCF and 4,108 BO.
The Dakota capacity before the Menefee was opened was 100 MCF/D and 0.1 BOPD.
The Point Lookout capacity before the Menefee was opened was 43 MCF/D and 1.14 BOPD.
Completion date of workover to open MV and commingle with DK: 7/31/98.
First delivery of commingled DK-MV on 8/6/98.
Total DK and MV rate after about 6 months on line: 150 MCF/D and 2.0 BOPD.

GAS ALLOCATION

Dakota = $100/150 = 67\%$

Mesaverde = $(150-100)/150 = 33\%$

OIL ALLOCATION

Dakota = $0.1/2.0 = 5\%$

Mesaverde = $(2.0-0.1)/2.0 = 95\%$