



STATE OF NEW MEXICO  
ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD  
AZTEC, NEW MEXICO 87410  
(505) 334-6178

March 1, 1991

Mr. Les K. Smith  
Meridian Oil Inc.  
P. O. Box 4289  
Farmington, NM 87499-4289

Re: Jicarilla H #8E G-19-26N-4W

Dear Mr. Smith:

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

	<u>Gas</u>	<u>Oil</u>
Mesaverde	38%	12%
Gallup	23%	39%
Dakota	39%	49%

Sincerely,

Frank T. Chavez, District Supervisor

cc:

GNM  
MOI  
BLM

# MERIDIAN OIL

February 25, 1991

New Mexico Oil Conservation Division  
Mr. Frank T. Chavez  
1000 Rio Brazos Road  
Aztec, New Mexico 87410

**RECEIVED**  
FEB 26 1991  
OIL CON. DIV.  
DIST. 2

Re: Administrative Order #DHC-650  
Jicarilla H #8E

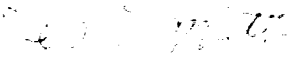
Dear Frank:

I have reviewed the gas and oil tests on our Jicarilla H #8E, Unit G, Section 19, T26N, R04W, Rio Arriba County, New Mexico which is a commingled Blanco Mesaverde-Wildhorse Gallup-Basin Dakota well, as per New Mexico Oil Conservation Division Order #DHC-650. Based on tests taken during completion operations and the ultimate reserves of the nearby Gallup, Mesaverde and Dakota wells, the following oil and gas production allocation on the subject well's commingled zones would be reasonably accurate:

	<u>Gas</u>	<u>Oil</u>
Mesaverde	38%	12%
Gallup	23%	39%
Dakota	39%	49%

The attached calculation sheet shows the criteria used to arrive at these percentages. Please let us know if this percentage allocation meets with your approval.

Sincerely,

  
Les K. Smith  
Production Engineer

LKS:tt

## CALCULATIONS FOR JICARILLA H #8E

Commingled  
Blanco Mesaverde  
Wildhorse Gallup  
Basin Dakota

### GAS

Pitot Gauge MV only: 859 MCF/D  
Pitot Gauge MV and GAL: 1374 MCF/D: Gallup =  $1374 - 859 = 515$  MCF/D  
Pitot Gauge MV, GAL and DK: 2237 MCF/D: Dakota =  $2237 - 1374 = 863$  MCF/D

### GAS ALLOCATION

Mesaverde	38%
Gallup	23%
Dakota	<u>39%</u>
TOTAL	100%

### OIL

Average Offset Ultimate Reserves

Mesaverde	2.2 MBO
Gallup	7.8 MBO
Dakota	9.8 MBO

### OIL ALLOCATION

Mesaverde	12%
Gallup	39%
Dakota	49%