



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



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April 12, 1995

Mr P M Pippin
Meridian Oil Inc
PO Box 4289
Farmington NM 87499

Re: Huerfanito Unit #86 L-36-27N-09W 30-045-06129

Dear Mike:

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

	Gas	Oil
Mesaverde	11%	50%
Dakota	89%	50%

Sincerely,

Frank T. Chavez
District Supervisor

FTC\sh

MERIDIAN OIL

Huer-86

*RECEIVED
MAR 27 1995
OIL FIELD
DIVISION*

March 24, 1995

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

Re: Commingling Allocation
Huerfanito Unit #86
1750' FSL 1090' FwL
Sec. 36, T27N R09W
San Juan County, N. M.

30-045-06(29)

Dear Frank,

We have reviewed the gas tests on our Huerfanito Unit #86 MV-DK which is a commingled Blanco Mesaverde - Basin Dakota well, as per N.M.O.C.D. order #DHC-1082. Based on tests taken during completion operations from both the Mesaverde and Dakota we feel that the following gas production allocation on the subject well's commingled zones would be reasonably accurate:

	<u>Gas</u>	<u>Oil</u>
Mesaverde	11%	50%
Dakota	89%	50%

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

Sincerely,



P. M. Pippin
Sr. Production Engineer

PMP:pmp
attachment

CALCULATIONS FOR HUERFANITO UNIT #86

Commingled
Blanco Mesaverde
Basin Dakota

Pitot gauges were taken during completion operations while the rig was on location.

GAS

Pitot Gauge MV Only (3-1-95):	28 MCF/D
Pitot Gauge MV + DK (3-4-95):	264 MCF/D

GAS ALLOCATION

$$\text{Mesaverde} = \frac{28}{264} = 11\%$$

$$\text{Dakota} = \frac{264 - 28}{264} = 89\%$$

OIL

Dakota Oil Production before workover = 0.2 BOPD
Mesaverde Oil Production before workover = 0.2 EOPD

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:

Mesaverde = 50%
Dakota = 50%