



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



GARY E. JOHNSON
GOVERNOR

JENNIFER A. SALISBURY
CABINET SECRETARY

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178 FAX: (505) 334-6170

April 12, 1995

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

Re: Huerfanito Unit #82 L-25-27N-09W 30-045-12189

Dear Mike:

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

	Gas	Oil
Mesaverde	80%	83%
Dakota	20%	17%

Sincerely,

Frank T. Chavez
District Supervisor

FTC\sh

MERIDIAN OIL

71-11-42

March 24, 1995

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

Re: Commingling Allocation
Huerfanito Unit #82 *30-095-12189*
1550' FSL 990' FWL
Sec. ~~35~~ 35, T27N R09W
San Juan County, N. M.

Dear Frank,

We have reviewed the gas tests on our Huerfanito Unit #82 MV-DK which is a commingled Blanco Mesaverde - Basin Dakota well, as per N.M.O.C.D. order #DHC-1081. Based on an Audio Profile Log which was run after completion operations and the oil producing rates from the Mesaverde and Dakota taken before the workover, we feel that the following gas and oil production allocation on the subject well's commingled zones would be reasonably accurate:

	<u>Gas</u>	<u>Oil</u>
Mesaverde	80%	83.3%
Dakota	20%	16.7%

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

Sincerely,



P. M. Pippin
Sr. Production Engineer

Stamp: OIL CONSERVATION DIVISION

PMP:pmp
attachment

This log is actually correct data because was accidentally lost

CALCULATIONS FOR HUERFANITO UNIT #82

Commingled
Blanco Mesaverde
Basin Dakota

Pitot gauges were not taken during completion operations, therefore an Audio Profile Log was run after the rig moved off location. The results of this log are as follows:

GAS Allocation

Mesaverde: 80% of Total Flow
Dakota: 20% of Total Flow

OIL

Dakota Oil Production before workover = 0.3 BOPD
Mesaverde Oil Production before workover = 1.5 BOPD

OIL ALLOCATION

$$\text{Mesaverde} = \frac{1.500}{1.5 + .3} = 83.3\%$$

$$\text{Dakota} = \frac{0.30}{1.5 + .3} = 16.7\%$$

Mesaverde = 83.3%
Dakota = 16.7%
