



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

September 3, 1991

Mr. P. M. Pippin
Meridian Oil, Inc.
P. O. Box 4289
Farmington, NM 87499-4289

Re: Commingled Allocation for Cain #3R I-30-29N-9W

Dear Mr. Pippin:

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

	gas	oil
Chacra	48%	50%
Mesaverde	52%	50%

Sincerely,

Frank T. Chavez, District Supervisor

MERIDIAN OIL

August 28, 1991

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

Re: Commingling Allocation Calculation
Cain #3R Chacra/MV
1610' FSL 810' FEL
Sec. 30, T29N R09W
San Juan County, N. M.


Dear Frank,

We have reviewed the gas tests on our Cain #3R which is a commingled Otero Chacra - Blanco Mesaverde well, as per N.M.O.C.D. order #DHC-798. Based on tests taken during completion operations from both the Mesaverde and Chacra, we feel that the following oil and gas production allocation on the subject well's commingled zones would be reasonably accurate:

	<u>Gas</u>	<u>Oil</u>
Chacra	48%	50%
Mesaverde	52%	50%

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

Sincerely,



P. M. Pippin
Sr. Production Engineer

PMP:pmp
attachment

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SEP 03 1991
OIL CON. DIV.
DIST. 3

CALCULATIONS FOR CAIN #3R

Commingled
Otero Chacra
Blanco Mesaverde

GAS

Pitot Gauge Chacra Only (8-22-91):	846 MCF/D
Pitot Gauge Mesaverde + Chacra (8-28-91):	1756 MCF/D

GAS ALLOCATION

$$\text{Chacra} = \frac{846}{1756} = 48\%$$

$$\text{Mesaverde} = \frac{1756 - 846}{1756} = 52\%$$

No oil was observed during completion operations. Since the Mesaverde was producing at a level less than 0.1 BOPD, we propose that any oil production be split equally between the two producing intervals.