



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



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CABINET SECRETARY

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

May 2, 1995

Mr P M Pippin
Meridian Oil Inc
PO Box 4279
Farmington NM 87499

Re: Navajo Indian B #3 N-19-27N-08W, 30-045-06319

Dear Mike:

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

	Gas	Oil
Pictured Cliffs	11 %	0 %
Chacra	80 %	0 %
Mesaverde	9 %	100 %

Sincerely,

Frank T. Chavez
District Supervisor

FTC\sh

cc: well file

14V-B-3-WP
MERIDIAN OIL

RECEIVED
APR 13 1995
OIL CON. DIV.
DIST. S

April 17, 1995

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

Re: Commingling Allocation
Navajo Indian B #3
1180' FSL 1450' FWL
Sec. 19, T27N R08W
San Juan County, N. M.

30-045-04319

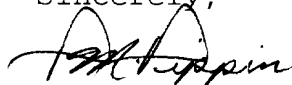
Dear Frank,

We have reviewed the gas tests on our Navajo Indian B #3 PC-CH-MV which is a commingled So. Blanco Pictured Cliffs, Otero Chacra, Blanco Mesaverde well, as per N.M.O.C.D. order #R-10258. Based on tests taken during completion operations from the Pictured Cliffs, Chacra, and Mesaverde, 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>
Pictured Cliffs	11%	0%
Chacra	80%	0%
Mesaverde	9%	100%

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

Sincerely,



P. M. Pippin
Sr. Production Engineer

PMP:pmp
attachment

CALCULATIONS FOR NAVAJO INDIAN B #3

Commingled
Blanco Mesaverde
Otero Chacra
So. Banco Pictured Cliffs

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

GAS

Pitot Gauge PC Only (4/12/95):	40 MCF/D
Pitot Gauge PC + CH (4/12/95):	344 MCF/D
Pitot Gauge PC + CH + MV (4/13/95):	380 MCF/D

GAS ALLOCATION

$$\text{Pictured Cliffs} = \frac{40}{380} = 11\%$$

$$\text{Chacra} = \frac{344 - 40}{380} = 80\%$$

$$\text{Mesaverde} = \frac{380 - 344}{380} = 9\%$$

OIL

Since Pictured Cliffs and Chacra do not make oil, any oil production will be attributed to the Mesaverde.
