



TONY ANAYA
GOVERNOR

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

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

February 23, 1984

Union Texas Petroleum Corp.
P.O. Box 1290
Farmington, NM 87499

Re: Commingled Allocation
Navajo Indian B #5-M E-30-27N-8W

Gentlemen:

As per order DHC-381, the allocation of production to the
commingled zones will be as follows:

	<u>Oil</u>	<u>Gas</u>
Mesaverde	37%	29%
Dakota	63%	71%

If you have any questions, please contact this office.

Sincerely,

Frank T. Chavez
District Supervisor

FTC/dj

cc: Santa Fe

Union Texas Petroleum

P. O. Box 1290
Farmington, N.M. 87499
(505) 325-3587

February 17, 1984

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

Frank:

Based on reserve calculations of our engineering department, we recommend the following production split on our Navajo Indian "B" No. 5-M well.

	<u>Gas</u>	<u>Oil</u>
Mesaverde	35%	30%
Dakota	65%	70%

The authority to commingle the well was granted by Administrative Order No. DHC-381.

UNION TEXAS PETROLEUM CORPORATION

Kenneth E. Roddy
Kenneth E. Roddy
Area Production Superintendent

KER:bn

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YEAR & MO.	MONTHLY ALLOW. GAS	MONTHLY PROD. GAS	MONTHLY ALLOW. OIL	MONTHLY OIL PROD. RUNS-OIL	DAYS PROD.	CUMUL. PROD. GAS	CUMUL. PROD. OIL	LIFE CUMUL. PROD. GAS	LIFE CUMUL. PROD. OIL
1980									
TOTAL									
BAL. FWD.									
1981									
JAN.									
FEB.									
MAR.			1st Delivery 12-23-81						
APR.									
MAY									
JUNE									
JULY									
AUG.									
SEP.									
OCT.									
NOV.									
DEC.		44			1				
TOTAL									
BAL. FWD.									
1982									
JAN.		38			30				
FEB.		67			1				
MAR.		41			4				
APR.		0			0				
MAY		0		222	0				
JUNE		0			0				
JULY									
AUG.									
SEP.									
OCT.									
NOV.									
DEC.									
TOTAL									

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WELL NAME Navajo Indian "B" #5-M (Dual) SEC. 30 TWN. 27-N RGE. 8-W CTY. San Juan POOL Blanco Mv.

YEAR & MO.	MONTHLY ALLOW. GAS	MONTHLY PROD. GAS	MON ALL OIL	MONTHLY OIL PROD. RUNS-OIL	DAYS PROD.	CUMUL. PROD. GAS	CUL 30. IL	LIFE. CUMUL. PROD. GAS	LIFE CUMUL. PROD. OIL
1980									
TOTAL									
BAL. FWD.									
1981									
JAN.									
FEB.									
MAR.									
APR.									
MAY									
JUNE									
JULY									
AUG.									
SEP.									
OCT.									
NOV.		2851		458	3				
DEC.		5616		239	19				
TOTAL		8467		697	22			8467	697
BAL. FWD.									
1982									
JAN.		5319		227	18				
FEB.		5257		225	25				
MAR.		4219		218	31				
APR.		3633		232	30				
MAY		2987			24				
JUNE		3654		231	30				
JULY									
AUG.									
SEP.									
OCT.									
NOV.									
DEC.									
TOTAL									

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WELL NAME _____ SEC. _____ TWN. _____ RGE. _____ CTY. _____ POOL _____
Navajo Indian "B" #5-M (Dual) 30 27-N 8-W San Juan Basin Dakota

NAVAJO "B" #5-M
Sec. 30, T-27N, R-8W
San Juan County, New Mexico

Current prices for the gas and oil produced from the Navajo Indian "B" #5-M well are as follows:

Dakota gas:	\$ 3.55/MCF
Mesaverde gas:	\$ 3.55/MCF
Dakota oil:	\$ 34.00/BBL
Mesaverde oil:	\$ 34.00/BBL

There is little production history for the Navajo Indian "B" #5-M because it was recently completed in the Dakota and Mesaverde formations. Estimated reserves for the Dakota and Mesaverde formations in the Navajo Indian "B" #5-M are 600 MMCF, 10 MBO and 350 MMCF, 4 MBO, respectively. These reserve figures were used to determine the production allocation of each zone. The production allocation of each zone is as follows:

RESERVE FIGURES FOR NAVAJO INDIAN "B" #5-M

	GAS (MMCF)	OIL (MBO)
Dakota	600	10
Mesaverde	350	4
TOTAL	950	14

	<u>GAS ALLOCATION</u>
Dakota	$\frac{600 \text{ MMCF}}{950 \text{ MMCF}} = 65\% \quad 63$

Mesaverde	$\frac{350 \text{ MMCF}}{950 \text{ MMCF}} = 35\% \quad 37$
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	<u>OIL ALLOCATION</u>
	$\frac{10 \text{ MBO}}{14 \text{ MBO}} = 70\% \quad 71$

	$\frac{4 \text{ MBO}}{14 \text{ MBO}} = 30\% \quad 29$
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