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

TONEY ANAYA
GOVERNOR

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

March 27, 1986

Mr. P.M. Pippin
Union Texas Petroleum Corp.
375 U.S. Highway 64
Farmington, NM 87401

Re: Jicarilla J #23A J-25-26N-5W

Dear Mike:

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

	Gas	Oil
Mesaverde	92%	28%
Gallup	8%	72%

Sincerely,

Frank T. Chavez
District Supervisor

FTC/dj

xc: Well File
Operator File

Union Texas Petroleum

375 U.S. Highway 64
Farmington, New Mexico 87401
Telephone (505) 325-3587

March 25, 1986

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

Dear Frank,

We have reviewed the gas and oil production on our Jicarilla J #23A (J Section 25, T26N-R5W, Rio Arriba County, New Mexico) which is a commingled Gallup/Mesaverde as per NMOCD Order #7507. Based on the ultimate reserves of nearby Gallup and Mesaverde wells in the area, and gas gauges taken after the intervals were stimulated, we feel that the following production allocation on the subject well's commingled zones would be reasonably accurate:

	GAS	OIL
Gallup	8%	72%
Mesaverde	92%	28%

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

Sincerely,

P.M. Pippin
Sr. Petroleum Engineer

PMP:clb

JICARILLA "J" #23A ALLOCATION CALCULATIONS

GAS:

Mesaverde Gas Gauge after frac. 378 MCF/D
MV + Gallup Gas Gauge after frac. 412 MCF/D

$$MV = \frac{378}{412} = 92\%$$

$$GAL = \frac{412-378}{412} = 8\%$$

OIL:

NEARBY WELL	FORMATION	ULTIMATE RESERVES	BBL/MCF	ULTIMATE OIL
Jicarilla J # 10	Gallup	326 MMCF	x .0063	= 2054 B.O.
Jicarilla J # 22	MV	643	.0046	
Jicarilla J # 23	MV	68	.0048	
Jicarilla J # 25	MV	32	.0001	
Average Mesaverde		248 MMCF	x .0032 BBL/MCF	= 794 B.O.
	TOTAL			2848 B.O.

$$MV = \frac{794}{2848} = 28\%$$

$$GAL = \frac{2054}{2848} = 72\%$$

ALLOCATION

	GAS	OIL
Gallup	8%	72%
Mesaverde	92%	28%