



CONSULTING PETROLEUM ENGINEERS

FIRST INTERSTATE BLDG. SUITE 1223

ALBUQUERQUE, NEW MEXICO 87102

MORRIS B. JONES
PRESIDENT

TELEPHONE
505 - 247-8393

January 3, 1983

ENERGY AND MINERALS DEPARTMENT
Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico 87410

Gentlemen:

The following is a tabulation of all deviation tests run on the
SHERMAN F. WAGENSELLER Mobil Apache 21 #1, located D-21-23N-2W,
Sandoval County, as reported by James Drilling Company:

<u>DEPTH, FEET</u>	<u>DEVIATION FROM VERTICAL-DEGREES</u>
99	1
975	2
1925	1
2275	2
3120TD	1
	4
	2
	1
	2
	2

The information given above is true and complete to the best of
my knowledge.


Morris B. Jones, Engineer
BRANA CORPORATION

STATE OF NEW MEXICO)
(SS
COUNTY OF BERNALILLO)

On this 3rd day of January, 1983, before me personally appeared
Morris B. Jones, to me known to be the person who executed the
above instrument and acknowledge that he executed the same as his
free act and deed.

Witness my hand and seal the day and year last above written.


Kathleen M. Sanderson
Notary Public

My commission expires

March 10, 1985