



BRANA CORPORATION

CONSULTING PETROLEUM ENGINEERS

MORRIS B. JONES
PRESIDENT

FIRST INTERSTATE BLDG. SUITE 1223
ALBUQUERQUE, NEW MEXICO 87102

TELEPHONE
505 - 247-8393

October 30, 1984

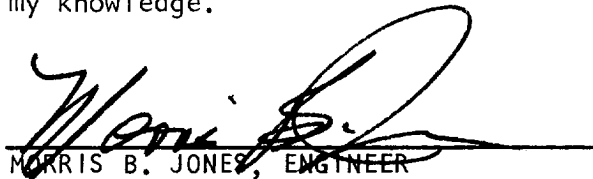
Energy and Minerals Department
Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico 87410

Gentlemen:

The following is a tabulation of all deviation tests run on the
SHERMAN F. WAGENSELLER Mobil Apache #23, located K-13-23N-3W,
Rio Arriba County, as reported by New Mexico Drilling Company:

<u>DEPTH, FEET</u>	<u>DEVIATION FROM VERTICAL-DEGREES</u>
108	$\frac{1}{2}$
875	$\frac{1}{2}$
1575	$\frac{1}{2}$
2146	$\frac{1}{2}$
2764	$\frac{1}{4}$
3200 TD	$\frac{1}{2}$
	$\frac{1}{4}$

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


MORRIS B. JONES, ENGINEER

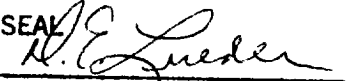
(STATE OF NEW MEXICO)
(SS
COUNTY OF BERNALILLO)

60311084
C. J. L. D. W.
10/31/84

On this 30th day of October, 1984, before me personally appeared
Morris B. Jones, to me know 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.



OFFICIAL SEAL
Signature 
D. E. LUEDER
NOTARY PUBLIC - NEW MEXICO
Notary Bond Filed with Secretary of State
My Commission Expires: 3/15/86