



CONSULTING PETROLEUM ENGINEERS

FIRST INTERSTATE BLDG. SUITE 1223

ALBUQUERQUE, NEW MEXICO 87102

MORRIS B. JONES
PRESIDENT

TELEPHONE
505 - 247-8393

January 7, 1982

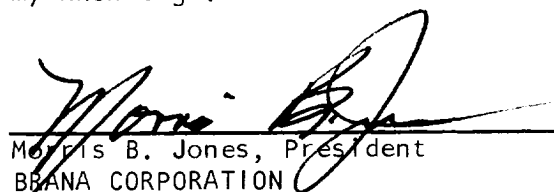
ENERGY AND MINERALS DEPARTMENT
Oil Conservation Division
1000 Rio Brazoa Road
Aztec, New Mexico 87410

Gentlemen:

The following is a tabulation of all deviation tests run on the
SHERMAN F. WAGENSELLER Mobil Apache 18 #1, located D-18-23N-2W,
Rio Arriba County, as reported by James Drilling Company:

<u>DEPTH</u>	<u>DEVIATION FROM VERTICAL-DEGREES</u>
97	$\frac{1}{2}$
666	$\frac{1}{2}$
1100	$\frac{1}{2}$
1375	$\frac{1}{2}$
1525	$\frac{1}{4}$
2225	1
2900	$1\frac{1}{4}$
31501D	1

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


Morris B. Jones, President
BRANA CORPORATION

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

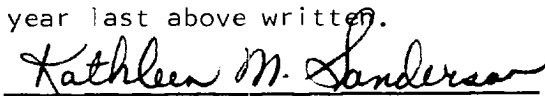


On this 7th day of January, 1982, before me personally appeared
Morris B. Jones, to me known to be the person who executed the
above instrument and acknowledge that he executed the same as his
free act and deed.

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

My commission expires

March 10, 1985


Kathleen M. Sanderson
Notary Public