

MORRIS B. JONES  
CONSULTING PETROLEUM ENGINEER  
1223 BANK OF NEW MEXICO BLDG.  
ALBUQUERQUE, NEW MEXICO 87102

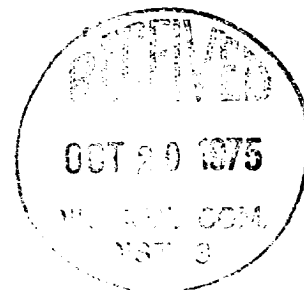
October 17, 1975

NEW MEXICO OIL COMMISSION  
1000 Rio Brazos Road  
Aztec, New Mexico 87410

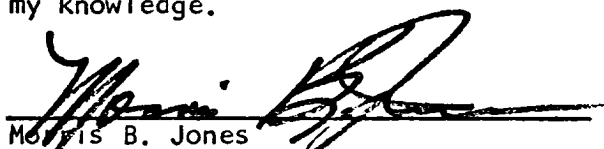
Gentlemen:

The following is a tabulation of all deviation tests run on the Adobe Oil Company DUGAN FEDERAL No. 1, located A-5-23N-7W, Rio Arriba County, as reported by Coleman Drilling Company:

<u>Depth</u>	<u>Deviation from Vertical - Degrees</u>
230	1 1/2
1830	1 1/2
2802	1 1/2
3250	1
3778	3/4
4110	1/2
4712	1 1/4
5435	1
5758	1
6054	1
6130TD	1



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

  
Morris B. Jones  
Consulting Petroleum Engineer

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

On this 17th day of October, 1975, before me personally appeared Morris B. Jones, to me known to be the person who executed the aboe 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.

  
Notary Public

My commission expires

9-25-77