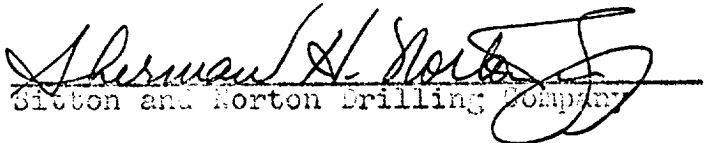


August 12, 1971

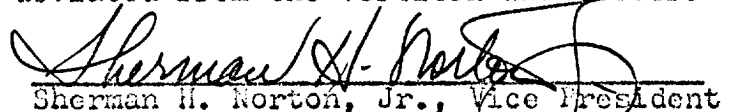
Deviation surveys taken on Oil Development Company of Texas Federal 27 #1, Sec. 27, 9-37, Lea County, New Mexico.

<u>Depth</u>	<u>Degree</u>
460'	1/4°
936	1/2
1430	3/4
1952	1
2111	1
2600	3/4
3030	1 1/4
3520	1
3908	1 1/2
4235	1 1/2
4490	1 1/4
4688	1 1/4
4830	3/4
4958	3/4
5030	1/2

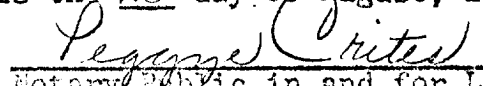
I hereby certify that I have personal knowledge of the facts and data placed on this sheet, and that such information given above is true and complete.


Sherman H. Norton, Jr., Vice President

Before me, the undersigned authority, on this day personally appeared Sherman H. Norton, Jr., known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is the drilling contractor of the well identified in this instrument and that such well was not intentionally deviated from the vertical whatsoever.


Sherman H. Norton, Jr., Vice President

Sworn and Subscribed to before me, this the 12 day of August, 1971.


Notary Public in and for Lubbock County, Texas.

NOTARY PUBLIC
JAMES H. HARRIS
17810130A