

HONDO DRILLING COMPANY

BOX 116

MIDLAND, TEXAS 79701

PHONE: MU 2-9401

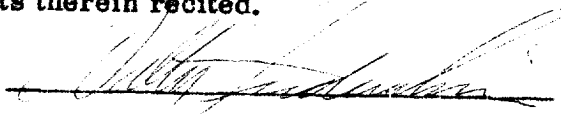
October 30th, 1967

The following is a list of deviation surveys taken on Midwest Oil Corporation's State "E" Well No. 1, located 660' FWL & 1980' FNL of Section 10-17S-37E, Lea County, New Mexico.

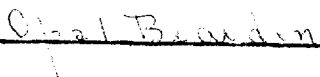
Depth	Angle of Inclination (degrees)	Displacement (feet)	Accumulation Displacement (feet)
315	1/4		
500	1/4	2.1875	2.1875
960	1/2	4.0250	6.2125
1450	1/4	2.14375	8.35625
1950	3/4	6.5625	14.91875
2430	1-1/2		
2915	1-1/2	25.331250	40.250000
3410	1	8.6625	48.912500
3907	1-1/4	10.871875	59.784375
4406	2-1/2	21.83125	81.615625
4978	2-3/4	27.527500	109.143125
5291	3-1/2	19.17125	128.314375
5676	4	26.9500	155.264375
6038	4-1/4	26.923750	182.188125
6571	2	18.6550	200.843125
7250	2-1/4		
7642	2-1/4		
8133	2-1/4	61.503750	262.346875
8341	2	7.2800	269.626875
8586	2-1/4		
8718	2-1/4	14.844375	284.471250

State of Texas |
County of Midland |

Before me, the undersigned authority, on this day personally appeared Walter Frederickson, known to me to be the person whose name is subscribed to this instrument, who after being by me duly sworn on Oath states that he is the person in charge of superintending the drilling of all wells by Hondo Drilling Company and is employed in the capacity of drilling superintendent and that he has knowledge of all the facts stated herein and that this report is a correct statement of the facts therein recited.



Subscribed and sworn to before me this 30th day of October, 1967.



Notary Public in and for Midland County, Texas.