

December 4, 1967

The following deviation tests were run by Roy Smith Drilling Company, Wichita Falls, Texas, at the depths indicated during the drilling of the Wm. Barnhill No. 1 Keohane, 660' FSL & 2310' FSL of Section 6-208-38E, N.M.P.M., Lea County, New Mexico:

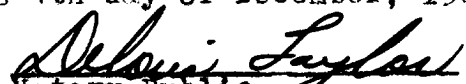
<u>DEPTH</u> <u>FEET</u>	<u>DEVIATION</u> <u>0</u>
1127	3/4
1530	1/2
2721	1-1/4
3108	1-1/2
3763	1-1/4
3945	1
4142	3/4
4778	1/2
4978	3/4
5406	3/4
5709	1
5932	3/4
6108	1
6309	3/4
6577	1
6740	1/2
6954	1/2
7165	3/4
7450	3/4

I swear that the information given herewith is complete and correct insofar as can be determined from the mechanical devices used in taking the described survey.

Date: December 4, 1967


Wm. Barnhill - Owner

Sworn to before me by Wm. Barnhill, this 4th day of December, 1967.


Notary Public

My Commission Expires:

2-2-69

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