

AFFIDAVIT OF DEVIATION SURVEYS
 E. L. Fundingsland No. 1 Texaco-Lea A Well
 Pearl Queen Pool
 SENE Section 23, T. 19S, R. 35E, S. 10E
 Lea County, New Mexico

Following are results of deviation surveys made of this well:

Date	Depth	Deviation
6-17-63	496	$\frac{1}{4}$
6-17-63	1120	$\frac{3}{4}$
6-18-63	1742	$\frac{1}{4}$
6-18-63	2259	$\frac{3}{4}$
6-18-63	2839	$2\frac{1}{4}$
6-19-63	3410	$2\frac{3}{4}$
6-21-63	3720	$1\frac{1}{4}$
6-22-63	4002	$\frac{3}{4}$
6-23-63	4252	$\frac{3}{4}$
6-25-63	4631	$\frac{1}{2}$
6-26-63	4845	$\frac{1}{8}$

 Cactus Drilling Company

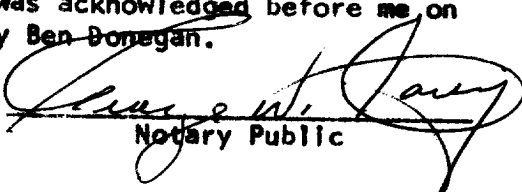

 Ben Donegan, Geologist

State of New Mexico) ss:
 County of Bernalillo)

The foregoing instrument was acknowledged before me on this 17th day of July, 1963. by Ben Donegan.

My commission expires:

4/25/64


 Notary Public

State of New Mexico) ss:
 County of Lea)

The foregoing instrument was acknowledged before me on this _____ day of July, 1963 by _____

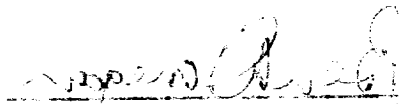
My commission expires:

 Notary Public

APPENDIX OF DEVIATION SURVEYS
 S. L. Fording and No. 1 Texaco-Les A Well
 Pearl Queen Pool
 SENE Section 23, T. 19 S., R. 32 E., S. 1 E.
 Les County, New Mexico

Following are results of deviation surveys made of this well:

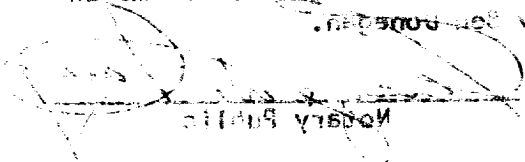
Date	Depth	Deviation
6-17-63	498	1/4
6-17-63	1127	3/4
6-18-63	1742	1/4
6-18-63	2222	3/4
6-18-63	2332	2
6-19-63	3410	2 3/4
6-21-63	3720	1/4
6-22-63	4002	3/4
6-22-63	4252	3/4
6-22-63	4631	1/4
6-28-63	4845	1/4


 Ben Donagan, Geologist

Les County Drilling Company

State of New Mexico) ss:
 County of Bernillo)

The foregoing instrument was acknowledged before me on
 this 15th day of July, 1963, by Ben Donagan.


 Notary Public

My commission expires:
 7/27/64

State of New Mexico) ss:
 County of Les)

The foregoing instrument was acknowledged before me on
 this _____ day of July, 1963 by _____

 Notary Public

My commission expires: