

Field Name: N. Echol (T. onian)

County Lea

Operator: UNION TEXAS PETROLEUM CORPORATION

Address: 1300 Wilco Bldg.

Well Name & No.: Cities Service State #1

Location: 660' FNL & 660' FEL,
Sec. 21, T-10-S, R-37-E,
Lea County, New Mexico

RECORD OF DEVIATION

<u>DEPTH(FEET)</u>	<u>DEVIATION(DEGREES)</u>	<u>DEPTH(FEET)</u>	<u>DEVIATION(DEGREES)</u>
390	$\frac{1}{2}^{\circ}$	7010	$3\frac{3}{4}^{\circ}$
850	$3\frac{3}{4}^{\circ}$	7640	$1\frac{1}{4}^{\circ}$
1410	$3\frac{3}{4}^{\circ}$	7960	1°
1920	1°	8410	1°
2464	$3\frac{3}{4}^{\circ}$	8870	$1\frac{1}{2}^{\circ}$
3070	$1\frac{1}{2}^{\circ}$	9120	1°
3640	$\frac{1}{2}^{\circ}$	9690	$1\frac{1}{2}^{\circ}$
4267	$3\frac{3}{4}^{\circ}$	9950	1°
4850	$3\frac{3}{4}^{\circ}$	10,450	1°
5310	$3\frac{3}{4}^{\circ}$	10,950	$1\frac{1}{2}^{\circ}$
6240	$3\frac{3}{4}^{\circ}$	11,280	$1\frac{1}{2}^{\circ}$
		11,404	$1\frac{3}{4}^{\circ}$
		11,540	$1\frac{1}{4}^{\circ}$

Certification of personal knowledge inclination Data:

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

E. L. Hammond

UNION TEXAS PETROLEUM CORPORATION

Before me, the undersigned authority, on this day, personally appeared E. L. Hammond, known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is acting at the direction and on behalf of the operator of the well identified in this instrument, and that such well was not intentionally deviated from the vertical whatsoever.

E. L. Hammond
Well Test Supervisor

SWORN AND SUBSCRIBED Before me this the 14th day of December 19 70.

L. Hillman
Notary Public in and for
Midland County, Texas

RECEIVED

APR 13 1970

OIL CONSERVATION COMM.
HOODES, R. H.