

DEVIATION SURVEY

In compliance with Rule 111, New Mexico Oil Conservation Commission.

Field Wildcat Lease & Well No. Shearn Federal Com. #1

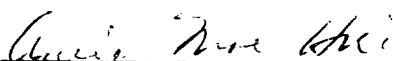
Location 1980' FSL & 660' FWL, Unit L, Sec. 15, T-19-S, R-32-E County: Lea

<u>Measured Depth</u>	<u>Angle of Inclination</u>	<u>Course Length</u>	<u>Displacement Cosine of Angle</u>	<u>Course Displacement</u>	<u>Accumulative Displacement TVD</u>
500	1/2	500	.99996	499.98	499.98
872	3/4	372	.99991	371.97	871.95
1,555	1/2	683	.99996	682.97	1554.92
2,400	1/4	845	.99999	844.99	2399.91
2,835	1 3/4	435	.99953	434.80	2834.71
3,138	1 1/2	303	.99966	302.90	3137.61
3,638	1	500	.99985	499.93	3637.54
4,325	3/4	687	.99991	686.94	4324.48
4,950	1/2	625	.99996	624.97	4949.45
5,540	1/4	590	.99999	589.99	5539.44
6,360	3/4	820	.99991	819.93	6359.37
6,895	3/4	535	.99991	534.95	6894.32
7,350	0	455	1.00000	455.00	7349.32
7,750	1/2	400	.99996	399.98	7749.30
8,515	1/4	765	.99999	764.99	8514.29
9,220	1 1/4	705	.99976	704.83	9219.12
10,225	2 3/4	1005	.99885	1003.84	10222.96
10,423	1 3/4	198	.99953	197.91	10420.87
10,865	1 1/2	442	.99966	441.85	10862.72
11,126	1 1/2	261	.99966	260.91	11123.63
11,486	1	360	.99985	359.95	11483.58
11,757	1 3/4	271	.99953	270.87	11754.45
12,231	1 1/2	474	.99966	473.84	12228.29
12,537	1 3/4	306	.99953	305.86	12534.15
13,030	2	493	.99939	492.70	13026.85
13,515	1 3/4	485	.99953	484.77	13511.62
14,330	1 1/2	815	.99966	814.72	14326.34

I, Charles Gray being first duly sworn on oath, state that I have knowledge of the facts and matter set forth and that the same are true and correct.

 Charles Gray
Signature

Subscribed and sworn to before me this 23rd day of May, 1972


Notary Public in and for
Midland County, Texas ANNIE MAE HILL

RECEIVED

MAY 21 1972

OIL CONSERVATION COMM.
HONOLULU, HI.