

DURHAM, INC.
Elkan #1
2100' FNL x 1980' FNL
Sec 34, T-13-S, R-34-E
Chaves Co., N.M.

Deviation Summary

<u>Measured Deviation, °</u>	<u>Depth, ft</u>	<u>Vertical Displ., ft</u>	<u>Sine of Angle</u>	<u>Horizontal Displ., ft</u>	<u>Cumulative Displ., ft</u>
1 1/2	200	200	.00873	1.75	1.75
1 1/2	400	200	.00873	1.75	3.49
3/4	951	551	.01309	7.21	10.70
1 1/2	1730	779	.00873	6.80	17.50
3/4	1996	266	.01309	3.48	20.98
3/4	2521	525	.01309	6.87	27.85
3/4	3027	506	.01309	6.62	34.47
3/4	3127	100	.01309	1.31	35.78
3/4	3660	533	.01309	6.98	42.76
1 1/2	4400	740	.02618	19.37	62.13
1 1/4	4917	517	.02181	11.28	73.41
1	5421	504	.01745	8.79	82.20
1 1/2	5920	499	.02181	10.88	93.08
3/4	6430	510	.01309	6.68	99.76
1 1/2	6658	228	.00873	1.99	101.75
3/4	7150	492	.01309	6.44	108.19
3/4	7656	506	.01309	6.62	114.81
1	7782	126	.01745	2.20	117.01
1	8316	534	.01745	9.32	126.33
1	8418	102	.01745	1.78	128.11
1	8895	477	.01745	8.32	136.43
1 1/4	9446	551	.02181	12.02	148.45
3/4	10000	554	.01309	7.25	155.70
3/4	10432	432	.01309	5.65	161.35
3/4	10510	78	.01309	1.02	162.37


Les Skinner, P. E.

SINGLE ACKNOWLEDGMENT

THE STATE OF TEXAS,

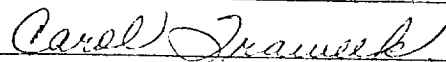
- County of MIDLAND

appeared LES SKINNER

Before me, the undersigned authority, on this day personally

known to me to be the person whose name IS subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office on this, the 19th day of September A.D. 1979



(SEAL)

Notary Public in and for Midland County, Texas