

Robinson Bros. Drilling Company
1000 Gihls Tower West
Midland, Texas 79701

New Mexico Oil & Gas Commission
P. O. Box 1980
Hobbs, New Mexico 88240

Gentlemen:

We submit the following deviation surveys for your information:

Field Name _____ County _____ Lea _____ State New Mexico
Operator Mesa Petroleum Company Address P. O. Box 2009 City Amarillo, Texas
Lease Name West Knowles Well No. 4 Section 34 Township 16-S
Range 37-E

<u>Depth(feet)</u>	<u>Inclination(degrees)</u>	<u>Displacement(feet)</u>	<u>Accumulative Displacement(feet)</u>
355	3/4	4.65	4.65
832	1	8.32	12.97
1323	1	8.57	21.54
1793	3/4	6.15	27.69
2121	3/4	4.29	31.98
2602	1	8.44	40.42
3085	3/4	6.32	46.74
3612	3/4	6.90	53.64
3717	3/4	1.37	55.01
4195	3/4	6.26	61.27
4690	1/2	4.32	65.59
4842	1	2.65	68.24
4997	1/2	1.35	69.59
5466	3/4	6.14	75.73
5950	1	8.45	84.18
6435	3/4	6.35	90.53
6930	1 1/2	12.96	103.49
7030	2 1/2	4.36	107.85
7520	2	17.10	124.95
7892	2	12.98	137.93
8293	3	20.99	158.92
8788	3	25.91	184.83
9366	3	30.25	215.08
9498	3	6.91	221.99
9987	2 3/4	23.46	245.45
10,230	3	12.72	258.17
10,730	2 3/4	23.99	282.16
11,128	3 3/4	26.03	308.19
11,390	4	18.28	326.47

