

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 North Shoebar County Lea State New Mexico
Operator Mesa Petroleum Company Address P.O. Box 2009 City Amarillo, Texas
Lease Name Sumruld Well No. 1 Section 13 Block _____
Township 16-S Range 35-E

Depth(feet)	Inclination(degrees)	Displacement(feet)	Accumulative Displacement(feet)
402	1/4	1.76	1.76
900	1/2	4.35	6.11
1396	1/2	4.33	10.44
1894	3/4	6.52	16.96
2114	3/4	2.88	19.84
2600	3/4	6.36	26.20
3080	1	8.38	34.58
3290	1	3.66	38.24
3787	3/4	6.50	44.74
4170	3/4	5.01	49.75
4658	1/2	4.26	54.01
5124	1/2	4.07	58.08
5570	1/2	3.89	61.97
6271	1	12.23	74.20
6760	1	8.53	82.73
7488	1	12.70	95.43
7980	1	8.58	104.01
8550	3/4	7.46	111.47
8950	3/4	5.24	116.71
9484	1	9.32	126.03
9984	1	8.72	134.75
10,332	3/4	4.55	139.30
10,800	3/4	6.13	145.43
11,256	1 3/4	13.93	159.36
11,400	2 1/4	5.63	164.99
11,860	2	16.05	181.04
12,027	1 1/4	3.64	184.68

Total Displacement 184.68

Survey was run in Drill pipe.

Certification of Personal Knowledge Inclination Data:

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

C. M. Anderson
C. M. Anderson, Manager

ROBINSON BROS. DRILLING CO.

Sworn and Subscribed to me this the 18th day of December 19 73

My Commission expires 6-1-75

P. B. Zellmer
P. B. Zellmer, Notary in and for
Midland County, Texas