

Robinson Bros. Drilling Company
00 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 Humble City County Lea State New Mexico
Operator Harding Oil Company Address 408 Carillon Tower West City Dallas, Texas.
Lease Name Shaw Well No. 1 Section 15 Block _____
Township 17-S Range 37-E

Depth(feet)	Inclination(degrees)	Displacement(feet)	Accumulative Displacement(feet)
402	1/2	3.51	3.51
900	1/2	4.35	7.86
1400	1/2	4.36	12.22
1900	3/4	6.54	18.76
2210	3/4	4.06	22.82
2705	3/4	6.48	29.30
3411	1 1/2	18.48	47.78
3877	1 1/2	12.20	59.98
4348	1 1/2	12.33	72.31
4512	1 3/4	5.01	77.32
5016	1	8.79	86.11
5640	1	10.89	97.00
6140	1	8.72	105.72
6425	1 1/2	7.46	113.18
6917	1 1/4	10.73	123.91
7415	1 1/4	10.87	134.78
7823	1 1/2	10.68	145.46
8323	1 1/2	13.09	158.55
8821	1 1/2	13.04	171.59
9320	1 1/2	10.89	182.48
9631	1 1/4	6.79	189.27
10,126	1 1/4	10.80	200.07
10,614	1	8.51	208.58
10,836	1 1/2	5.81	214.39
11,300	1 1/2	12.15	226.54
11,480	2	6.28	232.82
11,647	2	5.83	238.65

Total Displacement 238.65

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 12th day of February 19 74

My Commission expires 6-1-75.

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