

ROBINSON BROS. DRILLING CO.

914 VAUGHN BLDG.  
MIDLAND, TEXAS 79701

February 29, 1968

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

Gentlemen:

We submit the following deviation surveys for your information. These surveys were taken on the Sam Boren, Graham St. B #1, located in Section 30, T-11-S, R-33-E, Lea County, New Mexico. This well is in the Bagley Field.

Depth (feet)	Inclination (degrees)	Displacement (feet)	Accumulative Displacement (feet)
425	$\frac{1}{2}$	3.71	3.71
880	$\frac{1}{4}$	2.15	5.86
1373	$\frac{1}{4}$	2.33	8.19
1869	$\frac{1}{2}$	4.33	12.52
2350	1	8.39	20.91
2740	$\frac{3}{4}$	5.10	26.01
3100	$\frac{3}{4}$	4.71	30.72
3538	$\frac{3}{4}$	5.73	36.45
3972	1	7.57	44.02
4400	1	7.46	51.48
4700	$\frac{3}{4}$	3.92	55.40
5055	$1-\frac{1}{4}$	7.74	63.14
5430	$\frac{3}{4}$	4.90	68.04
5872	$1-\frac{1}{4}$	9.64	77.68
6314	$1-\frac{1}{2}$	11.57	89.25
6806	$\frac{3}{4}$	6.44	95.69
7220	$\frac{3}{4}$	5.41	101.10
7695	$\frac{3}{4}$	6.21	107.31
7895	$\frac{3}{4}$	2.61	109.92
8388	1	8.60	118.52
8857	5	40.87	159.39
8956	5	8.62	168.01
9080	5	10.80	178.81
9200	5	10.45	189.26
9415	$4-\frac{3}{4}$	17.80	207.06
9557	$4-\frac{1}{2}$	11.14	218.20
9629	4	5.02	223.22
9722	$3-\frac{3}{4}$	6.08	229.30
9973	3	13.13	242.43
10129	$2-\frac{3}{4}$	7.48	249.91
10350	$2-\frac{1}{2}$	9.64	<u>259.55</u>
Total Displacement			<u>259.55</u>