

ROBINSON BROS. DRILLING CO.
914 VAUGHN BLDG.
MIDLAND, TEXAS

March 11, 1969

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 BTA Oil Producers, 689 Ltd.
L.C.H. No. 1, Section 31; T-11-S; R-33-L, Lea County, New
Mexico. This well is in the Bagley field.

Depth (feet)	Inclination (degrees)	Displacement (feet)	Accumulative Displacement (feet)
385	$\frac{1}{4}$	3.30	3.30
902	$\frac{1}{4}$	2.25	5.61
1407	$\frac{3}{4}$	6.61	12.22
1925	$\frac{1}{4}$	2.26	14.48
2740	$\frac{3}{4}$	10.65	25.14
3166	$1 \frac{1}{4}$	9.29	34.43
3725	$\frac{3}{4}$	7.31	41.74
4120	$\frac{1}{4}$	1.72	43.46
4682	$\frac{3}{4}$	7.35	50.81
5120	$\frac{3}{4}$	5.73	56.54
5730	$1 \frac{1}{4}$	13.31	69.85
6020	$\frac{3}{4}$	3.79	73.64
6548	$\frac{3}{4}$	4.91	80.55
6915	$\frac{3}{4}$	4.80	85.35
7370	2	7.03	93.23
8090	$1 \frac{1}{2}$	18.84	112.12
8421	2	11.55	123.67
8800	$1 \frac{3}{4}$	11.57	135.24
9570	$\frac{1}{2}$	6.72	141.96
9950	$\frac{1}{2}$	3.31	145.27
10355	$\frac{1}{2}$	3.53	148.80
Total Displacement			<u>148.80</u>

1. *Chlorophyll a* (Chl *a*)

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Lepidoptera