



TOM BROWN, INC.

315 MIDLAND TOWER BUILDING

P. O. BOX 5706

MIDLAND, TEXAS 79701

July 18, 1972

TELEPHONE
AC 915 682-9718
AC 915 563-1926

DEVIATION AND DISPLACEMENT SCHEDULE

FIELD: Undesignated
LEASE NAME: Humble "A" State
LOCATION: Unit Letter E 1980 FN & 660 FW
Sec 16, T 16-S, R 35E
COUNTY: Lea
OPERATOR: Tom Brown, Inc., P. O. 5706, Midland, Texas 79701

Measured Depth	Course Length	Angle of Inclination	Displacement per 100 Ft.	Course Displacement	Accumulative Displacement(ft.)
485	485	3/4	1.31	6.35	6.35
1210	725	1/2	.87	6.31	12.66
2150	940	1/2	.44	4.14	16.80
2920	770	3/4	1.31	10.09	26.89
3168	246	1 1/2	2.18	5.36	32.25
3675	507	1 1/2	2.18	11.05	43.30
4060	385	1 1/2	2.62	10.09	53.39
4310	250	1	1.75	4.38	57.77
4564	254	1	1.75	4.45	62.22
4685	121	3/4	1.31	1.59	63.81
5070	385	3/4	1.31	5.04	68.85
5338	268	3/4	1.31	3.51	72.36
6135	797	1 1/2	2.62	20.88	93.24
6435	300	1 3/4	3.05	9.15	102.39
6794	359	2	3.49	12.53	114.92
7360	566	2 3/4	4.80	27.17	142.09
7975	615	3	5.23	32.16	174.25
8643	668	4 1/2	7.85	52.44	226.69
9427	784	3 3/4	6.54	51.27	277.96
10,394	964	4	6.98	67.29	345.25
10,615	221	4 1/2	7.41	16.38	361.63
10,888	273	4	6.98	19.06	380.69
11,336	448	4 1/2	7.85	35.17	415.86
11,494	158	4 3/4	8.28	13.08	428.94
11,960	466	4 3/4	8.28	38.58	467.52

Accumulative total displacement of well bore at total depth of 11,960 feet = 467.52 ft.
Inclination measurements were made in Open hole.

TOM BROWN, INC.

J. L. Oliver
Vice President

SWORN AND SUBSCRIBED TO BEFORE ME ON THE 18th DAY OF July 1972.

Notary Public in and for Midland County
Texas

RECEIVED

JUL 2 1972

OIL CONSERVATION COMM.
HOBBBS, R. M.