

INCLINATION REPORT

ALPS OIL COMPANY
BOX 4023
ODESSA, TEXAS 79760

STATE #1
LEA COUNTY, NEW MEXICO

Measured Depth	Course Length (Hundreds of feet)	Angle of Inclination (Degrees)	Displacement per Hundred Feet (Sine of Angle X100)	Course Displacement (feet)	Accumulative Displacement (feet)
262	2.62	1/4	.44	1.15	1.15
728	4.66	1/4	.44	2.05	3.20
1402	6.74	3/4	1.31	8.83	12.03
1651	2.49	1/2	.87	2.17	14.20
1769	1.18	1/2	.87	1.03	15.23
2177	4.08	1/2	.87	3.55	18.78
2639	4.62	1 3/4	3.05	14.09	32.87
2951	3.12	3	5.23	16.32	49.19
3030	.79	2 3/4	4.80	3.79	52.98
3168	1.38	2 1/2	4.35	6.00	58.98
3384	2.16	1 3/4	3.05	6.59	65.57
3505	1.21	1 3/4	3.05	3.69	69.26
3691	1.86	1 3/4	3.05	5.67	74.93
3785	.94	2	3.49	3.28	78.21
3877	.92	2	3.49	3.21	81.42
3970	.93	2	3.49	3.25	84.67
4063	.93	2	3.49	3.25	87.92
4155	.92	2 1/4	3.93	3.62	91.54
4260	1.05	2 1/4	3.93	4.13	95.67
4741	4.81	2 1/4	3.93	18.90	114.57
4946	2.05	2	3.49	7.15	121.72

Accumulative total displacement of well bore at total depth of 4946 feet = 121.72 feet.

Inclination measurements were made in the drill pipe.

INCLINATION DATA CERTIFICATION

J. G. Goodwin
Signature of Authorized Representative

J. G. Goodwin President
Name of Person and Title

Royal Drilling Co., Inc.
Name of Company

Telephone: 915 333-7151
Area Code

John Brooks
Notary
Ector
County, Texas
7-14-84
Commission Expires

RECEIVED

FEB 24 1983

**O.C.D.
HOBBS OFFICE**