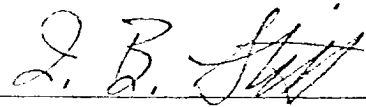


GIFFORD, MITCHELL & WISENBAKER
DEVIATION SURVEY

BUFFALO HUMP #1 - LEA COUNTY, NEW MEXICO

Depth	Deviation in degrees	Footage interval	Feet of deviation
403	1/2	403	3.52
771	3/4	368	4.82
1214	3/4	443	5.80
1400	1	186	3.25
1580	1 1/4	180	3.93
1872	1 1/4	292	6.37
2156	1	284	4.96
2639	1 1/4	483	10.54
2851	1 1/4	212	4.62
3203	2	352	12.28
3323	3	120	6.28
3605	3	282	14.76
			81.13

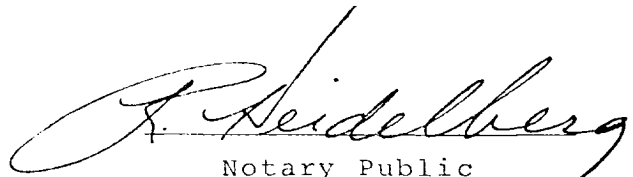
TOTAL HORIZONTAL DISPLACEMENT: 81.13'



I. B. Stitt

SUBSCRIBED AND SWORN BEFORE ME THIS
DAY OF SEPTEMBER, 1980.

3rd



Notary Public
Rexanna Heidelberg
Midland County, Texas.

My Commission Expires September 30, 1980