

GIFFORD, MITCHELL & WISENBAKER
DEVIATION SURVEY

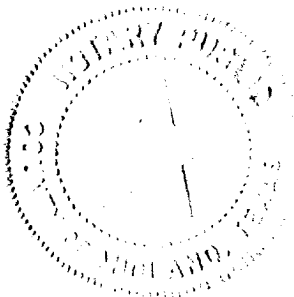
Sitting Bull "A" #1

Depth	Degrees	Interval	Feet of Deviation
504	1 1/4	504	10.99
842	1 1/2	338	8.85
1410	2	568	19.82
1937	1 1/2	527	13.80
2436	1 1/2	499	13.06
3207	3	771	40.35
3368	3	161	8.43
			115.30

Maximum Possible Displacement: 115.30'

I. B. Stitt
I. B. Stitt

SUBSCRIBED AND SWORN BEFORE ME THIS 11th
DAY OF SEPTEMBER, 1978.



Marianne P. Pearce
Notary Public
Marianne Pearce
Midland County, Texas.

My Commission Expires

MARIANNE P. PEARCE
NOTARY PUBLIC
MIDLAND COUNTY, TEXAS
MY COMMISSION EXPIRES 1-26-80