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OCT 06 1978

D E V I A T I O N T E S T S

for

GRACE PETROLEUM CORPORATION
P. O. Drawer 2358
Midland, Texas 79702

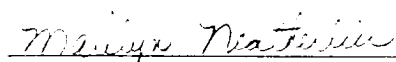
1-N.M. "F" FEDERAL COMM.
T-21-S, R-32-E, Section 5,
4650' FSL & 1980' FWL
Lea County, New Mexico

DEPTH (FEET)	DEVIATION (DEGREES)	DEPTH (FEET)	DEVIATION (DEGREES)
161	1/2	6,006	1
500	1/2	6,936	1/4
891	1/2	7,528	3/4
1,210	1/2	8,029	1/2
1,535	3/4	8,270	1/2
1,819	1/4	8,766	3/4
2,139	1/2	9,225	1/2
2,425	1	9,795	1 1/4
2,751	1	10,290	3/4
2,997	3/4	11,830	1/4
3,120	3/4	12,735	3/4
3,443	3/4	13,712	3/4
4,754	1	14,130	1/4
5,181	1	14,300	1 1/2
5,441	1/2		



B. E. Burton, Contract Manager
WARTON DRILLING COMPANY

Subscribed and sworn to before me this 4th day of October, 1978.



Marilyn Neatherlin, Notary
Public in and for Ector County.