

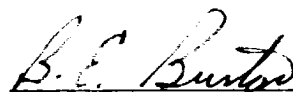
D E V I A T I O N T E S T S

for

CLEARY PETROLEUM COMPANY
405 Wall Tower West
Midland, Texas 79701

NEW MEXICO FEDERAL D #1
3300' FSL & 1980' FWL
Sec. 4, T-21-S, R-32-E
Lea County, New Mexico

DEPTH (FEET)	DEVIATION (DEGREES)	DEPTH (FEET)	DEVIATION (DEGREES)
150	1	5,203	1/4
216	3/4	5,700	1/2
355	3/4	6,206	1/2
495	3/4	6,693	3/4
898	1/2	7,191	3/4
1,232	1 1/4	7,791	1/4
1,482	1 1/4	8,368	1/4
1,729	3/4	8,896	3/4
2,073	3/4	9,724	1
2,394	3/4	10,340	1 1/2
2,756	3/4	11,470	2 1/4
3,040	1	12,560	2 3/4
3,230	1/4	13,167	3
3,603	1/4	13,812	2
4,290	3/4	14,100	3 1/2
5,049	1/2		



B. E. Burton, Contract Manager
WARTON DRILLING COMPANY

Subscribed and Sworn to before me this 7th Day of June, 1977.

