

CAYMAN CORPORATION
P.O. BOX 2099
PALOS VERDES PENINSULA, CALIFORNIA

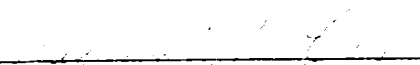
November 15, 1967

The following deviation tests were run by Sharp Drilling Co., Midland, Texas, on the dates and at the depths indicated during the drilling of the Cayman Corporation No. 1 Murphy State, 1980' FEL, 660' FSL, Sec. 13, T-10-S, R-33-E, NMPM, Lea County, New Mexico.

10-8-67	578'	3/4
10-9-67	1140'	3/4
	1667	3/4
10-10-67	1718	1/2
	2213	1/2
10-11-67	2431	3/4
	2960	3/4
10-12-67	3815	3/4
10-16-67	4450	1/2
	4816	1/2
10-17-67	5215	-
10-18-67	5540	-
10-19-67	6025	1/2
10-20-67	6455	3/4
10-21-67	6829	1/2
10-22-67	7202	1/2
10-23-67	7515	3/4
10-24-67	7878	3/4
10-26-67	8149	1/2
10-27-67	8352	1/2
10-28-67	8555	3/4
	8682	3/4
10-29-67	8785	3/4
10-30-67	8956	1-1/4
11-1-67	9121	1
11-2-67	9220	3/4
11-3-67	9395	3/4
11-5-67	9582	3/4
11-6-67	9717	3/4
11-7-67	9901	3/4

I swear that the information given herewith is complete and correct insofar as can be determined from the mechanical devices used in taking the described survey.

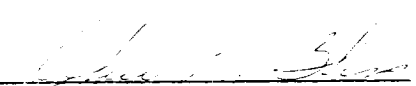
Date: November 15, 1967


William G. McCoy Agent
Cayman Corporation

Sworn before me by William G. McCoy, this 15th day of November, 1967

My Commission Expires:

July 26, 1969


Alice L. Bliss
Notary Public