N. M. C. C. C. CORY

WELL NAME AND NUMBER: Catclaw Draw Unit #10

LOCATION: NW4SE4 Section 27, T-21-S, R-25-E, Eddy County, New Mexico

OPERATOR: Hanagan Petroleum Corporation

DRILLING CONTRACTOR: Moran Oil Producing & Drilling Corporation

The undersigned hereby certifies that he is an authorized representative of Hanagan Petroleum Corporation, operator of the above described well, and that the following deviation tests were taken:

Degrees	@ Depth		Degrees	0 Depth
1/4 1/2 3/4 3-1/2 2-1/2 2-1/4 2 1-3/4 1-1/4 1 1	102 185 441 800 950 1377 1849 2156 2630 3000 3500 4021 4504		1-1/4 1 1 1 1 1-1/4 1-1/4 2 1-3/4 1-3/4 1-1/4	5529 5592 6033 6569 7050 7545 8015 8550 8721 9255 9772 10,414 10,758
1-1/4	5000		1-1/4	10,900

HANAGAN PETROLEUM CORPORATION

By: Agent Agent

Subscribed and sworn to before me this 23rd day of October, 1974.

My Commission Expires:

3. A. 1 1978

Notary Public RECEIVED

State of New Mexico

OCT 24 1974

U.S. GEOLOGICAL SURVEY ARTESIA, NEW MEXICO