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DEC 26 1972

WELL NAME AND NUMBER: Catclaw Draw Unit #8

O. C. C.
ARTESIA, OFFICE

LOCATION: SW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 22, 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:

<u>Degrees @ Depth</u>		<u>Degrees @ Depth</u>	
1/4	151	1	6037
1/4	295	1-1/2	6242
1/2	541	1-1/2	6740
1/2	1040	1-1/2	7240
1	1520	1-1/2	7735
1-1/2	1910	1-1/2	7920
1-1/2	2400	1-1/4	8394
1-1/2	2895	1-1/4	8865
1-1/4	3360	1-1/4	9173
1-1/4	3860	1-1/4	9654
1-1/4	4355	3/4	10051
1-1/2	4837	3/4	10383
1-1/4	5030	1/2	10595
1-1/4	5530	1/2	10781

HANAGAN PETROLEUM CORPORATION

By: Hugh E. Hanagan
Vice President

Subscribed and sworn to before me this 20th day of December, 1972.

My Commission Expires:

July 3, 1973

Oliver L. Bliss
Notary Public
State of New Mexico