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WELL NAME AND NUMBER: North Carlsbad Com. No. 2

NOV 4 1974

LOCATION: NW4 NE4 Section 33, Township 21 South, Range 26 East

0, C, C, ANTESIA, OFFICE

OPERATOR: Hanagan Petroleum Corporation

DRILLING CONTRACTOR: Moran Oil Producing and 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	@ Depth
1/4	126	2-1/4	6090
1/4	225	2	6585
1/2	415	1-3/4	7065
1/2	626	1-3/4	7543
1-3/4	1000	1-3/4	8043
2	1425	1-1/4	8590
2	1931	1	9061
2	2591	1-1/4	9565
2	2945	1-1/2	10,050
2 2	3360	1-1/2	10,120
2	3695	1-1/2	10,620
2	4176	1	10,799
2-1/4	4648	1-1/2	11,077
2	5120	1-1/4	11,450
2-1/4	5592		

HANAGAN PETROLEUM CORPORATION

Subscribed and sworn to before me this 31st day of October, 1974.

. My Commission Expires:

Notary Public State of New Mexico

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NOV-1197A

ARTESIA, NEW MEXICO