

N. M. O. C. C. COPY

WELL NAME AND NUMBER Catchlaw Draw unit #9

LOCATION 1650/N 1980/W Section 35, T21S, R25E, Eddy County, New Mexico
(New Mexico give U.S.T&R: TEXAS GIVE S,BLK,SURV.& TWP)

OPERATOR Hanagan Petroleum Corporation

DRILLING CONTRACTOR MORANCO

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

Degrees @ Depth	Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
<u>1/4 160</u>	<u>1 1/4 5257</u>	<u>2 10,880</u>	
<u>1/4 247</u>	<u>1 1/4 5776</u>		
<u>3/4 541</u>	<u>1 1/4 6295</u>		
<u>1/2 960</u>	<u>1 1/4 6797</u>		
<u>3/4 1452</u>	<u>1 7291</u>		
<u>2 2080</u>	<u>1 1/4 7785</u>		
<u>2 2190</u>	<u>1 1/4 8268</u>		
<u>1 3/4 2585</u>	<u>1 1/2 8760</u>		
<u>1 1/2 2766</u>	<u>2 8826</u>		
<u>1 1/2 3266</u>	<u>2 9325</u>		
<u>1 1/2 3760</u>	<u>2 1/2 9745</u>		
<u>1 1/4 4243</u>	<u>2 1/2 10,235</u>		
<u>1 1/4 4740</u>	<u>2 10,259</u>		

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AUG 24 1973
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

Drilling Contractor MORANCO

By

K. D. McPeters

K. D. McPeters, Vice President

Subscribed and sworn to before me this 31st day of July, 1973

My Commission expires:
April 1, 1974

Rayne Summey
Notary Public
Lea County, New Mexico