

WELL NAME AND NUMBER Penn Federal Well No. 1

LOCATION Section 31, T-20-S, R-30-E, Eddy County, New Mexico

(New Mexico give U,S,T & R; Texas give S,Dik.,Sur.& Twp.when required)

OPERATOR Texas International Petroleum Corporation

DRILLING CONTRACTOR Sharp Drilling Co., Inc.

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:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
1/2 160'	1-1/2 3,244	3/4 8,944'	
3/4 275'	1-1/2 3,620	3/4 9,448'	
1/2 375'	3/4 4,020	2 9,631'	
3/4 730'	1/4 4,150	3 10,000'	
2 1,130'	3/4 4,535'	3 10,380'	
3 1,484'	3/4 5,005'	2-1/2 10,750'	
3-1/4 1,515'	3/4 5,474'	2-1/4 11,010'	
2-3/4 1,567'	3/4 5,973'	2 11,190'	
2-1/2 1,640'	3/4 6,442'	2 11,696'	
2 1,737'	1/2 6,630'	2-1/4 11,990'	
2-1/2 1,926'	1/2 7,098'	1-3/4 12,342'	
1-3/4 2,140'	3/4 7,560'	2 12,590'	
1-3/4 2,523'	3/4 8,030'		
1-1/2 2,895'	3/4 8,473'		

Drilling Contractor SHARP DRILLING CO., INC.

By R. E. Cross, Jr.

Subscribed and sworn to before me this 30th day of September, 19 74

RECEIVED

Notary Public

My Commission Expires:

6/1/75

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

Midland County, Texas