

WELL NAME AND NUMBER Arco Federal #1

LOCATION 1980' from S & E Line, Sec. 33, T-19-S, R-28-E, Eddy County, New Mexico
(New Mexico give U, S, T & R; Texas give S, Blk., Sur. & Twp. when required)

OPERATOR Penroc Oil Corporation

DRILLING CONTRACTOR McVay Drilling Company

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° 350	1° 7450		
1 1/2° 1100	1° 7950		
1 1/4° 1510	1° 8405		
3/4° 2000	1° 9040		
1° 2400	3/4° 9540		
1° 3080	3/4° 10,046		
3/4° 3500	3/4° 10,485		
3/4° 4000	1 1/2° 10,985		
1 1/2° 4500			
1 1/2° 4985			
3/4° 5480			
1 1/4° 5958			
1 1/4° 6554			
1 1/4° 6930			

MAY 4 1976 Drilling Contractor McVay Drilling Company

D. C. C.
ARTESIA, NEW MEXICO

By Joe Hernandez

Subscribed and sworn to before me this 24 day of March, 1976

My Commission Expires:
4-28-79

Connie Hornback

Notary Public

Lea

County, New Mexico