

WELL NAME & NUMBER

McNeal #1

LOCATION

Sec. 33, T19S, R38ELea Co., NM1980/8+20

(Give Unit, Section, Township and Range)

OPERATOR

Arco Oil & GasP.O. Box 1610Midland, TX 79702

DRILLING CONTRACTOR

Grace Drilling CompanyP.O. Box 13480Odessa, TX 79768

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
.75 221			
.50 481			
.50 817			
.50 1215			
1.25 1538			
1.25 1770			
1.00 2020			
.75 2328			
2.00 2666			
2.00 3034			
2.25 3306			
2.50 3431			
1.00 3586			

Drilling Contractor

Grace Drilling Company

By

L.V. Bohannon - Drlg. Supt.Subscribed and sworn to before me this 15 day ofMay, 19 92Becky L. Perkins
Notary Public

My Commission Expires

11/28/94Ector

County

Texas