

Tri-Service Drilling Company

FIRST NATIONAL BANK BLDG. P. O. BOX 1785 TELEPHONE MU 4-6641

MIDLAND, TEXAS 79701

M. W. BRANUM, PRESIDENT
CARL NEITHERCUTT, VICE-PRESIDENT
L. E. BRANUM, SECRETARY-TREASURER

February 11, 1969

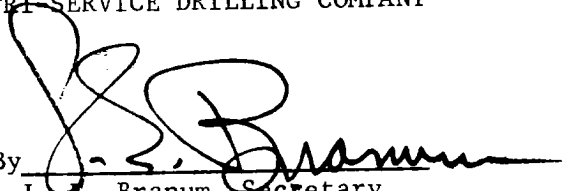
J. M. Huber Corporation
19th Floor Wilco Building
Midland, Texas 79701

Subject: Deviation Record - Petrofina-Federal No. 1, 1830' FNL, 660'
FEL, Sec. 20, T-8-S, R-36-E, Roosevelt County, New Mexico.

Deviation Record

440'	- 1	deg.	9,060'	- 1/4	deg.
912'	- 3/4	deg.	9,165'	- 1/4	deg.
1,418'	- 1/2	deg.	9,650'	- 1/2	deg.
1,975'	- 3/4	deg.	9,832'	- 1/2	deg.
2,480'	- 3/4	deg.	10,090'	- 0	deg.
3,080'	- 1/2	deg.	10,293'	- 1/2	deg.
3,540'	- 3/4	deg.	10,406'	- 0	deg.
3,635'	- 3/4	deg.	10,830'	- 3/4	deg.
4,042'	- 1/2	deg.	10,972'	- 3/4	deg.
4,240'	- 1/2	deg.	11,020'	- 1/2	deg.
4,800'	- 1/4	deg.	11,135'	- 1/4	deg.
4,860'	- 3/4	deg.	11,295'	- 2	deg.
5,170'	- 1	deg.	11,403'	- 2-3/4	deg.
5,670'	- 1	deg.	11,485'	- 2-1/4	deg.
5,890'	- 1	deg.	11,540'	- 1-3/4	deg.
6,390'	- 1-1/4	deg.	11,750'	- 1-1/2	deg.
6,428'	- 1-1/4	deg.	11,920'	- 1	deg.
6,900'	- 3/4	deg.	12,005'	- 1	deg.
7,360'	- 3/4	deg.	12,090'	- 1-1/4	deg.
7,880'	- 1-1/2	deg.	12,420'	- 1	deg.
8,120'	- 1	deg.	12,660'	- 3/4	deg.
8,520'	- 1-1/4	deg.	12,745'	- 3/4	deg.
8,715'	- 1/2	deg.	12,967'	- 3/4	deg.

TRI-SERVICE DRILLING COMPANY

By 
L. E. Branum, Secretary