

NR033 - SANTA FE
NMOCC - ROSES
BLM - SANTA FE

NEW MEXICO OIL CONSERVATION COMMISSION

OPERATOR Shell Oil Company ADDRESS P. O. Box 1509, Midland, Texas 79701
FIELD Cato - San Andres LEASE Brown Federal WELL NO. 1
LOCATION 660' FSL & 660' FEL, Section 22, T-8-S, R-30-E, Chaves County, New Mexico

DEVIATION RECORD

Depth (feet)	Angle of Inclination (degrees)	Displacement (feet)	Accumulative Displacement (feet)
463	3/4	6.06	6.06
941	3/4	6.26	12.32
1,441	1	8.75	21.07
1,876	1	7.61	28.68
2,292	1 1/4	9.07	37.75
2,784	1	8.61	46.36
3,059	3/4	3.72	53.68
3,366	3/4	3.72	53.68
3,649	1/4	1.24	54.92
3,700	1/2	.45	55.37

RECEIVED

U.S. DEPT. OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Certification of personal knowledge of Deviation Record:

I hereby certify that I have personal knowledge of the data and facts placed on this form, and that such information is true and complete.

Pet McIntosh

Signature

Verna Drilling Company

Company

STATE OF TEXAS
COUNTY OF MIDLAND

Before me, the undersigned authority, on this day personally appeared J. H. Neal, known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is acting at the direction and on behalf of the operator of the well identified in this instrument and that such well was not intentionally deviated from the vertical.

J. H. Neal
Signature

Division Drilling Superintendent
Title

Sworn and Subscribed to before me, this the 26th day of July, 19 47

Notary Public in and for Midland County, Texas.

ACCEPTED FOR RECORD

J. W. Luthal