

NEW MEXICO OIL CONSERVATION COMMISSION

OPERATOR Shell Oil Company ADDRESS P. O. Box 1509, Midland, Texas
FIELD Cato (SA) LEASE Brown Federal WELL NO. 2
LOCATION 1980' FSL, 1980' FEL, Section 22, T-8-S, R-30-E, Chaves County, New Mexico

DEVIATION RECORD

<u>Depth (feet)</u>	<u>Angle of Inclination (degrees)</u>	<u>Displacement (feet)</u>	<u>Accumulative Displacement (feet)</u>
429	1/4	1.89	1.89
950	3/4	6.32	8.71
1,480	3/4	6.94	15.94
2,200	1 1/4	15.70	31.35
2,750	3/4	7.20	38.55
3,050	1	5.25	43.80
3,450	3/4	5.24	49.04
3,680	1/2	2.01	51.05

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 S. B. Deal, 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.

S. B. Deal
Signature
Division Drilling Superintendent
Title

Sworn and Subscribed to before me, this the 21 st day of July, 19 67

C. A. Dickenson
Notary Public in and for Midland County,
Texas.