

NEW MEXICO OIL CONSERVATION COMMISSION

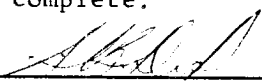
OPERATOR Shell Oil Company ADDRESS Box 1509, Midland, Texas, 79701
 (Western Division)
 FIELD Cato (San Andres) LEASE Amco Federal WELL NO. 1
 LOCATION 660' FNL and 1980' FEL, Section 33, T-8-S, R-30-E, NMPH Survey, Chaves County, N.M.

DEVIATION RECORD

142' = 3/4°
 270' = 1°
 760' = 1
 1157' = 1 1/4°
 1508' = 1 1/4°
 1915' = 1 3/4°
 2260' = 2 1/4°
 2830' = 1 1/4°
 3215' = 3/4°
 3540' = 1 1/2°
 3630' = 3°


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.

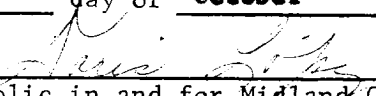
 S. B. Deal
 Signature
 Division Drilling Superintendent
 Company

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 18 day of October, 19 67


 Notary Public in and for Midland County,
 Texas