

NEW MEXICO OIL CONSERVATION COMMISSION

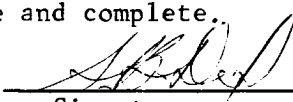
OPERATOR Shell Oil Company ADDRESS P. O. Box 1509, Midland, Texas 79701  
 FIELD Cato (San Andres) LEASE Amco Federal WELL NO. 11  
 LOCATION 1980' FSL & 1980' FEL, Sec. 33, T-8-S, R-30-E, Chaves County, New Mexico

DEVIATION RECORD

264' = 1 1/4°  
 777' = 1°  
 1522' = 1 1/4°  
 2022' = 1°  
 2223' = 1 1/2°  
 2890' = 1 1/4°  
 3250' = 1 1/4°  
 3590' = 1°

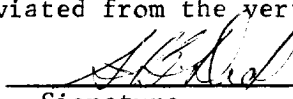
Certification of personal knowledge of Deviation Record:

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.

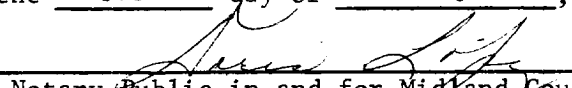
  
 Signature S. B. Deal  
Shell Oil Company  
 Company

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.

  
 Signature S. B. Deal  
Division Drilling Superintendent  
 Title

Sworn and Subscribed to before me, this the 30th day of January, 19 68

  
 Notary Public in and for Midland County