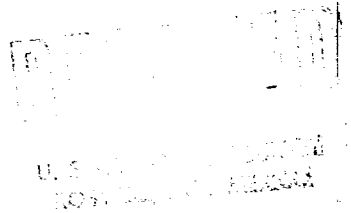


NEW MEXICO OIL CONSERVATION COMMISSION

OPERATOR Shell Oil Company ADDRESS P. O. Box 1509, Midland, Texas 79701
 FIELD Cato-San Andres LEASE Amco Federal WELL NO. 8
 LOCATION 660' FBL & 660' FWL, Section 33, T-8-S, R-30-E, Chaves County, New Mexico

DEVIATION RECORD

262'	1/2°
770	3/4
1270	1 1/4
1740	1 1/4
2224	1
2620	1 1/2
3070	1/2
3275	3/4
3460	1
3540	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.

James J. Morris
 Signature
ARD DRILLING COMPANY
 Company

STATE OF TEXAS
 COUNTY OF MIDLAND

Before me, the undersigned authority, on this day personally appeared _____, 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]
 Signature
 Title

Sworn and Subscribed to before me, this the 19th day of December, 19 67

[Signature]
 Notary Public in and for Midland County,
 Texas.