

NEW MEXICO OIL CONSERVATION COMMISSION

OPERATOR Petroleum Development Corporation ADDRESS 3720 Candelaria NE #B, Albuquerque, NM
FIELD _____ LEASE Manzano Grande Fed. WELL NO. 1 87112
LOCATION Section 5, T24S, R26E, Eddy County, New Mexico

DEVIATION RECORD

DEPTH	DEGREES	DEPTH	DEGREES
365	1/4	3,267	2-1/4
480	1/2	3,612	2-3/4
908	1/4	3,925	2
1,095	1-1/2	4,130	2-1/4
1,190	2	4,645	2
1,285	2-1/4	5,145	1-3/4
1,314	3	5,642	1-1/4
1,350	3	6,143	1-1/4
1,439	3	6,267	1-1/4
1,555	3-1/4	6,742	1/2
1,004	1-1/4	7,241	1/4
1,490	2-1/4	7,742	1/2
1,777	3-1/2	8,244	1-1/4
1,800	3-1/2	8,744	1-1/4
1,892	3-3/4	9,243	1-1/2
1,964	3-1/2	9,690	1-1/2
2,058	3-3/4	10,272	1-3/4
2,151	3-1/2	10,371	1-3/4
2,245	3-1/2	10,832	2
2,401	3-1/2	10,930	2
2,432	3-3/4	11,196	1-1/4
2,588	3	11,622	1-1/4
2,745	3	11,777	1-1/2
2,902	2-3/4	11,887	1-3/4
3,057	2-3/4	12,052	1-1/2
3,212	2-1/4		

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.

Dean Sims
Signature

The Ard Drilling Company, Inc.
Company

STATE OF TEXAS
COUNTY OF MIDLAND

Before me, the undersigned authority, on this day personally appeared Dean Sims, 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.

Dean Sims
Signature

Drilling Superintendent
Title

Sworn and Subscribed to before me, this the 1st day of December, 19 77

Betty Thompson
Notary Public in and for Midland County,
Texas.

MY COMMISSION EXPIRES:

4-30-79