

NEW MEXICO OIL CONSERVATION COMMISSION

OPERATOR Shell Oil Company  
(Western Division) Box 1509, Midland, Texas 79701  
FIELD Grama Ridge - Morrow Gas LEASE "GRI" State WELL NO. 1  
LOCATION 1980' FSL & 660' FWL, Section 34, T-21-S, R-34-E, 12PM Survey, Lea County, New Mexico

DEVIATION RECORD

362' = 1 1/2°	3178' = 3 1/4°	9465' = 1 3/4°
425' = 3/4°	3227' = 3 1/4°	9822' = 1 3/4°
485' = 1°	3287' = 3 1/4°	10860' = 3°
545' = 1 1/2°	3347' = 3 3/4°	11521' = 3°
673' = 1°	3407' = 3 3/4°	12118' = 1 3/4°
762' = 1 1/2°	3466' = 3°	12327' = 2 3/4°
846' = 1 1/2°	3520' = 4°	12410' = 2 3/4°
930' = 1°	3567' = 2 3/4°	12500' = 2 1/2°
1010' = 1°	3629' = 2 1/2°	12665' = 2°
1096' = 1°	3730' = 2°	12810' = 2°
1180' = 2 1/2°	3830' = 1 1/2°	13133' = 2°
1231' = 3°	4133' = 1°	13270' = 1 1/2°
1269' = 2 1/2°	4328' = 3/4°	13646' = 1 1/2°
1328' = 1°	4530' = 1°	13827' = 1 1/2°
1600' = 1/2°	4815' = 3/4°	13893' = 1 1/2°
1765' = 3/4°	5120' = 1 1/2°	14003' = 2 3/4°
1885' = 1 1/2°	5383' = 3 1/2°	14084' = 2 1/2°
2032' = 2 1/2°	5629' = 1 3/4°	14200' = 2 1/2°
2102' = 2 1/2°	6271' = 1°	14500' = 2°
2193' = 1 1/2°	6828' = 1°	14600' = 2°
2312' = 1°	7135' = 3/4°	
2463' = 1 1/2°	7476' = 1/2°	
2612' = 1 1/2°	7740' = 1/2°	
2822' = 1 1/2°	8445' = 1°	
3002' = 1°	8663' = 1°	
3108' = 3 1/2°	8952' = 2°	

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  
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.

S. B. Deal  
Signature  
Division Drilling Superintendent  
Title

Sworn and Subscribed to before me, this the 23rd day of March, 1966

M. N. Gray  
Notary Public in and for Midland County