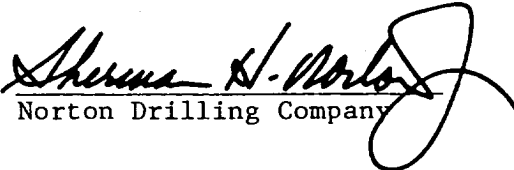


OIL & GAS  
U.S. GEOLOGICAL SURVEY  
ROSWEEL, NEW MEXICO

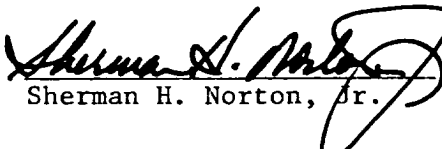
Deviation surveys taken on Brazos Petroleum Co. Kringle Federal #3  
well in Lea County, New Mexico.

<u>Depth</u>	<u>Degree</u>
425	1.00
1400	.75
1499	1.00
2286	.50
3280	.75
4262	.75
4415	.50
5003	.75


I hereby certify that I have personal knowledge of the date and facts  
placed on this sheet, and that such information given above is true  
and complete.

  
Norton Drilling Company

Before me, the undersigned authority, on this day personally appeared  
Sherman H. Norton, Jr., known to me to be the person whose name is  
subscribed hereto, who, after being duly sworn, on oath states that he  
is the drilling contractor of the well identified in this instrument  
and that such well was not intentionally deviated from the vertical  
whatsoever.

  
Sherman H. Norton, Jr.

SWORN AND SUBSCRIBED TO before me this 22nd day of September, 1981.

  
Notary Public in and for  
Lubbock County, Texas.

RECEIVED SEP 24 1981