

Terry Mc

WELL NAME AND NUMBER Old Ranch Knoll 8 Federal No. 4
LOCATION 1804' FSL & 1921' FWL, Section 8, T22S, R24E, Eddy County NM
OPERATOR Santa Fe Energy Resources, Inc.
DRILLING CONTRACTOR United Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and had conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
1/2° 498'		
1/4° 1011'		
1/2° 1570'		

Drilling Contractor United Drilling, Inc.
By: L. M. Gibbs
Title: Business Manager

Subscribed and sworn to before me this 17th day of August, 1988.

Harmon T. Lusk
Notary Public

My Commission Expires: 9-25-89
County Chaves State NM