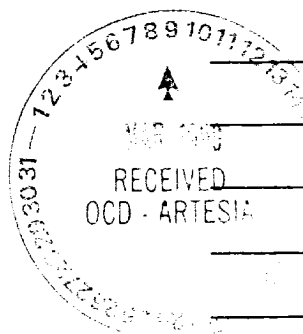


WELL NAME AND NUMBER Old Ranch Knoll "8" Federal Com. No. 3
 LOCATION Section 8, T22S, R24E, Eddy County NM
 OPERATOR Santa Fe Energy Resources, Inc.
 DRILLING CONTRACTOR United Drilling, Inc.

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>
<u>1/2° 507'</u>	<u> </u>	<u> </u>
<u>3/4° 1036'</u>	<u> </u>	<u> </u>
<u>3/4° 1596'</u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
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Drilling Contractor United Drilling, Inc.
 By: *Oscar A. Tankersley*
 Title: Business Manager

Subscribed and sworn to before me this 24th day of November, 1998.

Oscar A. Tankersley
 Notary Public

My Commission Expires: 9-25-99

Chaves *NM*
 County State