

WELL NAME AND NUMBER Hanagan Federal No. 5
LOCATION 660' FSL & 1980' FWL, Section 14, T7S, R26E, Chaves County, NM
OPERATOR Pecos River Operating
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° 502'</u>	<u>3/4° 4514'</u>	<u> </u>
<u>1/2° 1068'</u>	<u> </u>	<u> </u>
<u>1/2° 1504'</u>	<u> </u>	<u> </u>
<u>3/4° 2001'</u>	<u> </u>	<u> </u>
<u>3/4° 2497'</u>	<u> </u>	<u> </u>
<u>1/2° 3024'</u>	<u> </u>	<u> </u>
<u>1/2° 3521'</u>	<u> </u>	<u> </u>
<u>3/4° 4049'</u>	<u> </u>	<u> </u>

Drilling Contractor United Drilling, Inc.

By: [Signature]

Title: Business Manager

Subscribed and sworn to before me this 22nd day of November,
1993.

[Signature]
Notary Public

My Commission Expires: 9-25-95 Chaves N.M.
County State