

WELL NAME AND NUMBER Mac Federal No. 1 Unit F
LOCATION 2310' FNL & 1650' FWL, Section 7, T9S, R30E, Chaves County NM
OPERATOR Hanson Operating Co., Inc. 3D-DD5-21143
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>1/4° 500'</u>	<u> </u>	<u> </u>
<u>1/2° 900'</u>	<u> </u>	<u> </u>
<u>1° 1595'</u>	<u> </u>	<u> </u>
<u>2° 1950'</u>	<u> </u>	<u> </u>
<u>3/4° 2602'</u>	<u> </u>	<u> </u>
<u>1-1/4° 3017'</u>	<u> </u>	<u> </u>
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Drilling Contractor United Drilling, Inc.

By: C. M. Gibbs

Title: Business Manager

Subscribed and sworn to before me this 10th day of January,
1996.

Norma L. Sweeney
Notary Public

My Commission Expires: 9-25-99

Chaves NM
County State