

WELL NAME AND NUMBER Kathleen AFE #1-N 990/S + 2500/W 3004

LOCATION Section 23, T16S, R37E, Lea County, New Mexico
(New Mexico give U.S.T.&R. - Texas give S, BLK, SURV. and TWP)

OPERATOR Yates Petroleum Corporation

DRILLING CONTRACTOR MORANCO Drilling, Inc.

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

<u>Degrees and Depth</u>	<u>Degrees and Depth</u>	<u>Degrees and Depth</u>	<u>Degrees and Depth</u>
<u>1 240</u>	<u>1/2 5535</u>	<u>1 3/4 11,405</u>	<u> </u>
<u>1 467</u>	<u>3/4 6030</u>	<u>3 1/4 11,592</u>	<u> </u>
<u>1 3/4 945</u>	<u>3/4 6525</u>	<u>3 11,721</u>	<u> </u>
<u>1 1441</u>	<u>1/2 7021</u>	<u>1 1/2 12,006</u>	<u> </u>
<u>3/4 1932</u>	<u>1/2 7551</u>	<u>1 1/2 12,450</u>	<u> </u>
<u>1 2332</u>	<u>1/4 8049</u>	<u> </u>	<u> </u>
<u>3/4 2838</u>	<u>1/4 8549</u>	<u> </u>	<u> </u>
<u>3/4 3267</u>	<u>1 1/2 9023</u>	<u> </u>	<u> </u>
<u>3/4 3542</u>	<u>1 1/4 9428</u>	<u> </u>	<u> </u>
<u>1 3982</u>	<u>1 1/4 9931</u>	<u> </u>	<u> </u>
<u>1/2 4512</u>	<u>3/4 10,248</u>	<u> </u>	<u> </u>
<u>1 5032</u>	<u>1/4 10,933</u>	<u> </u>	<u> </u>

Drilling Contractor MORANCO Drilling, Inc.

By Wiley Gilmore
Wiley Gilmore - Marketing Manager

Subscribed and sworn to before me this 18th day of March 19 88

My Commission expires:

January 30, 1989

Susie Branyon
Notary Public
Lea County, New Mexico
Susie Branyon