

LOCATION 1980FW, 660FS, Section 34, T17S, R31E, Eddy County, New Mexico
(New Mexico give U.S.T.&R. - Texas give S, BLK, SURV. and TWP)

OPERATOR Harvey E. Yates Company

DRILLING CONTRACTOR MORANCO Drilling

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>1/4 336</u>	<u>3/4 5,725</u>	<u>3/4 11,209</u>	<u> </u>
<u>3/4 752</u>	<u>1 6,165</u>	<u>1 1/4 11,832</u>	<u> </u>
<u>3/4 1,261</u>	<u>1 1/2 6,454</u>	<u>3/4 12,464</u>	<u> </u>
<u>1 1,819</u>	<u>1 1/4 7,015</u>	<u> </u>	<u> </u>
<u>1 2,170</u>	<u>3 7,520</u>	<u> </u>	<u> </u>
<u>3/4 2,533</u>	<u>3 1/2 7,993</u>	<u> </u>	<u> </u>
<u>1 2,669</u>	<u>3 8,350</u>	<u> </u>	<u> </u>
<u>1/2 3,180</u>	<u>2 3/4 8,811</u>	<u> </u>	<u> </u>
<u>3/4 3,695</u>	<u>2 9,269</u>	<u> </u>	<u> </u>
<u>1/4 4,190</u>	<u>2 1/2 9,768</u>	<u> </u>	<u> </u>
<u>1/4 4,703</u>	<u>2 10,204</u>	<u> </u>	<u> </u>
<u>1/4 5,196</u>	<u>1/2 10,570</u>	<u> </u>	<u> </u>

Drilling Contractor MORANCO Drilling

By Wiley Gilmore
Wiley Gilmore, Marketing Manager

Subscribed and sworn to before me this 12th day of May 19 82

My Commission expires:

10/12/82

Vicky Bingham
Notary Public, Vicky Bingham
Lea County, New Mexico