

WELL NAME AND NUMBER Young Deep Fed 4 #1

LOCATION Section 4, T18S, R32E, Lea 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

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>1/4 186</u>	<u>3 6150</u>	<u>1 1/2 8250</u>	
<u>1/4 304</u>	<u>3 6290</u>	<u>1 1/2 8485</u>	
<u>0 668</u>	<u>3 6365</u>	<u>1/2 8485</u>	
<u>1/4 1002</u>	<u>2 1/2 6435</u>	<u>1 1/4 9008</u>	
<u>1/4 1497</u>	<u>2 3/4 6530</u>	<u>1 3/4 9326</u>	
<u>1 1/4 2006</u>	<u>2 1/2 6629</u>	<u>2 1/2 9920</u>	
<u>1 3/4 2550</u>	<u>2 1/4 6748</u>	<u>2 1/2 10063</u>	
<u>1 1/4 2900</u>	<u>2 3/4 6853</u>	<u>1 3/4 10365</u>	
<u>1 1/4 3155</u>	<u>2 3/4 6911</u>	<u>1 3/4 10848</u>	
<u>1 1/2 3532</u>	<u>2 1/2 6985</u>	<u>1 1/4 11049</u>	
<u>1 1/4 4045</u>	<u>2 1/2 7075</u>	<u>1 11210</u>	
<u>1 1/2 4516</u>	<u>2 1/2 7238</u>	<u>1 1/4 11411</u>	
<u>3/4 4880</u>	<u>2 7340</u>	<u>1/2 11774</u>	
<u>1 1/4 5304</u>	<u>2 7375</u>	<u>3/4 12444</u>	
<u>1 1/2 5480</u>	<u>1 1/2 7595</u>	<u>1 12951</u>	
<u>2 1/4 5720</u>	<u>1 1/2 7685</u>		
<u>2 1/2 5812</u>	<u>1 1/2 7824</u>		
<u>2 3/4 5895</u>	<u>1 1/2 7924</u>		
<u>2 3/4 6052</u>	<u>1 1/2 8045</u>		
<u>3 6095</u>	<u>1/2 8091</u>		

Drilling Contractor MORANCO

By

K. D. McPeters, Executive Vice President

Subscribed and sworn to before me this 7th day of August 1980

