

WELL NAME AND NUMBER Federal HG #1

LOCATION Section 30, T19S, R30E, Eddy County, New Mexico

(New Mexico give U.S.T&R: Texas give S, BLK, SURV. and TWP)

RECEIVED

OPERATOR Morris R. Antweil

APR 23 1981

DRILLING CONTRACTOR MORANCO

O. C. D.

ARTESIA, OFFICE

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 1/2</u> <u>400</u>	<u>1 1/2</u> <u>2558</u>	<u>3/4</u> <u>7625</u>	<u>1 1/2</u> <u>11680</u>
<u>1 1/4</u> <u>630</u>	<u>1</u> <u>2710</u>	<u>1/2</u> <u>8140</u>	<u>1 1/2</u> <u>12065</u>
<u>1 3/4</u> <u>743</u>	<u>1</u> <u>3210</u>	<u>1/4</u> <u>8655</u>	
<u>1 1/2</u> <u>867</u>	<u>1 1/2</u> <u>3700</u>	<u>2 3/4</u> <u>8916</u>	
<u>1</u> <u>1123</u>	<u>1</u> <u>3986</u>	<u>2 3/4</u> <u>9185</u>	
<u>2</u> <u>1210</u>	<u>1/2</u> <u>4384</u>	<u>2 3/4</u> <u>9525</u>	
<u>1 1/2</u> <u>1352</u>	<u>1/2</u> <u>4825</u>	<u>4 1/4</u> <u>10078</u>	
<u>2</u> <u>1521</u>	<u>1 1/4</u> <u>5331</u>	<u>3 1/4</u> <u>10134</u>	
<u>2 1/4</u> <u>1609</u>	<u>1</u> <u>5681</u>	<u>1 3/4</u> <u>10672</u>	
<u>2 1/2</u> <u>1875</u>	<u>1 1/2</u> <u>6150</u>	<u>2</u> <u>10972</u>	
<u>2 1/2</u> <u>2000</u>	<u>1 1/2</u> <u>6628</u>	<u>1 1/2</u> <u>11158</u>	
<u>2</u> <u>2400</u>	<u>1 1/4</u> <u>7127</u>		

Drilling Contractor MORANCO

By Jerry Gilbert
Jerry Gilbert, Vice President Engineering

Subscribed and sworn to before me this 27th day of February 19 81

My Commission expires:

September 23, 1984

Barbara Bell
Notary Public
Lea County, New Mexico