

WELL NAME AND NUMBER Willis Federal Com #1

LOCATION 2310/N 1650/E, Section 28, T17S, R27E
(New Mexico give U.S.T&R: Texas give S, BLK, SURV. and TWP)

OPERATOR Mesa Petroleum 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>1/4 136</u>	<u>1 2240</u>	<u>3/4 6614</u>	
<u>1/2 250</u>	<u>1 2491</u>	<u>1 7108</u>	
<u>1/2 350</u>	<u>3/4 2898</u>	<u>1/2 7477</u>	
<u>1 1/4 460</u>	<u>3/4 3298</u>	<u>1 7971</u>	
<u>1 3/4 751</u>	<u>1 3680</u>	<u>1 1/4 8317</u>	
<u>1 1/2 850</u>	<u>3/4 4065</u>	<u>1 1/2 8820</u>	
<u>1 1/4 1069</u>	<u>1 4465</u>	<u>1 1/4 9173</u>	
<u>1 1300</u>	<u>3/4 4920</u>	<u>2 1/4 9590</u>	
<u>1 1385</u>	<u>1 5325</u>		
<u>3/4 1555</u>	<u>1 5800</u>		
<u>1 1/4 1725</u>	<u>1 1/4 6072</u>		
<u>1 1958</u>	<u>1 6572</u>		

Drilling Contractor MORANCO

By Jerry Gilbert
Jerry Gilbert, Vice President, Engineering
Subscribed and sworn to before me this 7th day of December 1979

