

WELL NAME AND NUMBER State Sombrero No. 1

LOCATION 3496/N 1980/E Section 6, T16S, R34E, Lea County, New Mexico  
(New Mexico give U.S.T&R: TEXAS GIVE S,BLK,SURV.& TWP)

OPERATOR Great Western Drilling 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 @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1/4 148</u>	<u>3/4 4789</u>	<u>1/2 10,150</u>	<u>2 13,179</u>
<u>1/2 357</u>	<u>1 5190</u>	<u>3/4 10,434</u>	<u>1 3/4 13,523</u>
<u>1/2 830</u>	<u>1 1/4 5675</u>	<u>1 10,938</u>	<u>1 13,700</u>
<u>1 1343</u>	<u>1 1/2 6200</u>	<u>1 11,063</u>	<u>1 1/4 13,970</u>
<u>1 1/4 1852</u>	<u>1 1/4 6710</u>	<u>1 11,332</u>	<u>1 1/2 14,080</u>
<u>1 1/2 2365</u>	<u>3/4 6800</u>	<u>1 11,497</u>	<u>4 14,306</u>
<u>2 2862</u>	<u>1 1/2 7275</u>	<u>1 1/4 11,675</u>	<u>4 1/2 14,471</u>
<u>1 1/2 2959</u>	<u>3/4 7844</u>	<u>1 1/2 11,757</u>	
<u>2 3443</u>	<u>1/2 7766</u>	<u>1 3/4 11,862</u>	
<u>1 1/4 3670</u>	<u>3/4 8477</u>	<u>1 1/4 12,315</u>	
<u>3/4 3951</u>	<u>3/4 8962</u>	<u>1 1/4 12,545</u>	
<u>1 1/4 4298</u>	<u>3/4 9304</u>	<u>1 1/4 12,910</u>	
<u>1/2 4420</u>	<u>3/4 9812</u>	<u>2 13,066</u>	

Drilling Contractor MORANCO

By K. D. McPeters  
K. D. McPeters, Vice President

Subscribed and sworn to before me this 11th day of September, 1973

My Commission expires:  
April 1, 1974

Wayne Lummey  
Notary Public  
Lea County, New Mexico