

WELL NAME AND NUMBER Mary K. Knobel #1

LOCATION W.M. & E. Section 31, T20N, R12E, BLM
(New Mexico give U.S. Pat. Texas give S, BLK, SURV. and TWP)

OPERATOR Cotton Petroleum Corp.

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>1/2 95</u>	<u>3 1/2 1496</u>	<u>1 4720</u>	<u>3/4 11,390</u>
<u>1/2 155</u>	<u>3 1560</u>	<u>1 1/2 5191</u>	<u>1/4 11,790</u>
<u>1/4 215</u>	<u>1 3/4 1740</u>	<u>1/4 5489</u>	<u>1/4 12,000</u>
<u>1/4 275</u>	<u>1 1/2 1843</u>	<u>1 6068</u>	
<u>3/4 390</u>	<u>1 1/4 1906</u>	<u>1 1/4 6537</u>	
<u>1 676</u>	<u>1 2033</u>	<u>1 6970</u>	
<u>3/4 897</u>	<u>1 1/4 2223</u>	<u>1 7475</u>	
<u>3 1/2 1116</u>	<u>3/4 2539</u>	<u>1 1/2 8448</u>	
<u>3 3/4 1149</u>	<u>1/2 2729</u>	<u>1 3/4 8745</u>	
<u>3 1275</u>	<u>1 3281</u>	<u>3/4 9296</u>	
<u>3 1338</u>	<u>1/4 3732</u>	<u>1/4 9842</u>	
<u>3 3/4 1434</u>	<u>3/4 4218</u>	<u>3/4 10,716</u>	

RECEIVED
JAN 21 1976
O. C. C.
ARTESIA, OFFICE

Drilling Contractor MORANCO

By Jerry Gilbert
Jerry Gilbert, Drilling Engineer

Subscribed and sworn to before me this 15th day of August 1975

My Commission expires:
April 1, 1978

Rayne Summey
Notary Public
Lea County, New Mexico