

WELL NAME AND NUMBER McDonald #2

LOCATION 660FN, 660FW, Section 3, T14, R36E, Lea County, NM
(New Mexico give U.S.T.&R. - Texas give S, BLK, SURV. and TWP)

OPERATOR HARVEY E. YATES COMPANY

DRILLING CONTRACTOR MORANCO Drilling

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:

Degrees and Depth	Degrees and Depth	Degrees and Depth	Degrees and Depth
<u>1/2 163</u>	<u>3/4 5,003</u>	<u>2 3/4 10,265</u>	<u>11 14,575</u>
<u>1 377</u>	<u>1 1/2 5,497</u>	<u>2 1/4 10,559</u>	
<u>3/4 875</u>	<u>1 1/2 5,897</u>	<u>1 1/2 11,017</u>	
<u>3/4 1,375</u>	<u>1 1/4 6,394</u>	<u>1 1/2 11,375</u>	
<u>1/2 1,839</u>	<u>1 1/4 6,802</u>	<u>3 1/2 11,827</u>	
<u>1 2,225</u>	<u>1 1/4 7,240</u>	<u>1/4 12,269</u>	
<u>1 1/2 2,710</u>	<u>1 1/2 7,715</u>	<u>3 3/4 12,561</u>	
<u>3/4 3,174</u>	<u>1 1/4 8,195</u>	<u>5 3/4 12,937</u>	
<u>1 1/4 3,647</u>	<u>1 3/4 8,654</u>	<u>6 1/4 13,330</u>	
<u>1/2 3,828</u>	<u>1 3/4 8,898</u>	<u>6 1/4 13,645</u>	
<u>3/4 4,238</u>	<u>2 9,312</u>	<u>9 1/4 14,035</u>	
<u>3/4 4,630</u>	<u>2 9,772</u>	<u>11 14,550</u>	

Drilling Contractor MORANCO Drilling

By Wiley Gilmore
Wiley Gilmore, Marketing Manager

Subscribed and sworn to before me this 28th day of June, 19 82

My Commission expires:

10/12/82

Vicky Bingham
Notary Public, Vicky Bingham
Lea County, New Mexico

RECEIVED

JUL 16 1982

C. G. B.
HONORARY OFFICE