

WELL NAME AND NUMB... Hudson Federal #5 - 660/8 + 2310/E

LOCATION Section 19, T-18S, R-33E, Lea County, New Mexico
 (New Mexico give U.S.T.&R. - Texas give S, BLK, SURV. and TWP)

OPERATOR Robert N. Enfield

DRILLING CONTRACTOR MORANCO Drilling, Inc.

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>1/2 200</u>	<u>1/2 5,373</u>	<u>2 1/4 10,411</u>	
<u>1/2 364</u>	<u>1 5,876</u>	<u>3 10,576</u>	
<u>3/4 947</u>	<u>3/4 6,408</u>	<u>3 10,671</u>	
<u>3/4 1,447</u>	<u>1/2 6,904</u>	<u>2 1/4 10,770</u>	
<u>1/2 1,946</u>	<u>1/2 7,150</u>	<u>2 3/4 10,891</u>	
<u>3/4 2,447</u>	<u>1 7,651</u>	<u>3/4 11,141</u>	
<u>1 1/2 2,726</u>	<u>1 1/2 8,149</u>	<u>2 11,635</u>	
<u>1 1/2 2,920</u>	<u>1 8,643</u>	<u>1 1/2 11,950</u>	
<u>1/2 3,420</u>	<u>3/4 9,139</u>	<u>1 3/4 12,404</u>	
<u>1/4 3,921</u>	<u>1 1/4 9,675</u>	<u>1 3/4 12,921</u>	
<u>1/4 4,419</u>	<u>2 9,970</u>	<u>2 13,438</u>	
<u>3/4 4,946</u>	<u>2 1/4 10,295</u>	<u>2 13,630</u>	

Drilling Contractor MORANCO Drilling, Inc.

By Wiley Gilmore
 Wiley Gilmore, Marketing Manager

Subscribed and sworn to before me this 20th day of September 19 89

My Commission expires:

September 13, 1992

Virginia G. Perry
 Notary Public
 Lea County, New Mexico

RECEIVED

OCT 31 1989

CCO
MOBBE OFFICE