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FEB 26 1991

O. C. D.
ARTESIA OFFICE

WELL: Martha "AIK" Federal #1

LOCATION Sec. 11-22S-31E Eddy County, New Mexico
(Give Unit, Section, Township, And Range)

OPERATOR Yates Petroleum Corp. 105 S. 4th Street Artesia, NM 88210 Attn: Juanita Goodlett

DRILLING CONTRACTOR Exeter Drilling Company

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 @ Depth

1/4° 161'

1 3/4° 464'

1° 1,360'

3/4° 1,846'

3/4° 2,234'

3/4° 2,716'

3/4° 2,956'

3/4° 3,183'

2 1/2° 3,495'

3 3/4° 3,620'

3 1/4° 3,683'

1 3/4° 3,744'

2 1/4° 3,820'

4° 3,898'

3 3/4° 3,961'

4° 4,025'

Degrees @ Depth

2 3/4° 4,086'

3 1/2° 4,148'

3 1/4° 4,211'

3 1/2° 4,335'

2° 4,485'

2° 4,980'

1 3/4° 5,503'

1 3/4° 5,998'

1 3/4° 6,496'

1 1/2° 7,032'

1° 7,511'

1 1/2° 8,015'

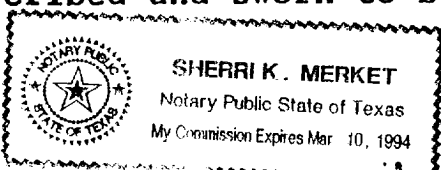
1 1/2° 8,382'

Degrees @ Depth

Drilling Contractor Exeter Drilling Company

By Bruce D. Houtchens
Bruce D. Houtchens, Vice President-Southern Division

Subscribed and sworn to before me this 7th day of January, 1991



Sherri K. Merket
Notary Public Sherri K. Merket

My Commission Expires 3-10-94 Midland County Texas