

WELL NAME & NUMBER North Croc 1 Creek Federal "KG" #1

LOCATION Eddy County, New Mexico
(Give Unit, Section, Township and Range)

OPERATOR Yates Petroleum Corp., 207 S. 4th Street, Artesia, New Mexico 88210

DRILLING CONTRACTOR Kenai Drilling of Texas, Inc., dba Capitan Drilg., P. O. Box 6725, Odessa, Texas 79762

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>Degreea @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1-1/2 299</u>	<u>2-1/2 3,793</u>	<u>4-1/4 5,025</u>	<u>3-3/4 5,990</u>
<u>1-1/4 626</u>	<u>2-3/4 3,975</u>	<u>4-1/2 5,086</u>	<u>3-1/4 6,100</u>
<u>2-3/4 1,089</u>	<u>2-3/4 4,121</u>	<u>4-1/4 5,147</u>	<u>3 6,203</u>
<u>2-3/4 1,272</u>	<u>3-1/2 4,375</u>	<u>4 5,209</u>	<u>2-1/4 6,400</u>
<u>2 1,413</u>	<u>2-3/4 4,435</u>	<u>3-3/4 5,269</u>	<u>1-3/4 6,700</u>
<u>1-1/2 1,910</u>	<u>3 4,488</u>	<u>3-3/4 5,342</u>	<u>2 7,097</u>
<u>2-1/4 2,412</u>	<u>4 4,590</u>	<u>4 5,404</u>	<u>3/4 7,486</u>
<u>2-1/4 2,500</u>	<u>3-1/2 4,629</u>	<u>3-1/4 5,443</u>	<u>1 8,000</u>
<u>2-1/2 2,698</u>	<u>4-1/2 4,709</u>	<u>4 5,473</u>	<u>3 8,530</u>
<u>2-1/4 3,213</u>	<u>3-3/4 4,788</u>	<u>3-1/4 5,535</u>	<u>1-1/2 8,900</u>
<u>2-3/4 3,388</u>	<u>4 4,810</u>	<u>4 5,566</u>	<u>3/4 9,720</u>
<u>3 3,470</u>	<u>4-1/2 4,902</u>	<u>3 5,620</u>	<u>1 10,400</u>
<u>2-3/4 3,560</u>	<u>4-3/4 4,973</u>	<u>2-3/4 5,689</u>	
<u>2-3/4 3,632</u>	<u>4-1/2 4,998</u>	<u>3 5,790</u>	

Kenai Drilling of Texas, Inc. dba
Drilling Contractor Capitan Drilling Co., Inc.

By R. A. Smith
R. A. Smith, Drilling Engineer

Subscribed and sworn to before me this 11th day of July, 19 79

William C. Smith
Notary Public William C. Smith

My Commission Expires 3-31-79

Ector County Texas