

WELL NAME AND NUMBER Lucas 52 ~~Lucas~~ Store State Comm. #1

RECEIVED

LOCATION Eddy County, New Mexico 23-17-28
(Give Unit, Section, Township and Range)

JAN 23 1979

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

DRILLING CONTRACTOR Capitan Drilling Co., Inc., 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>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>3/4 445</u>	<u>4-1/4 3,615</u>	<u>3-3/4 6,785</u>
<u>1 950</u>	<u>3-1/2 3,708</u>	<u>3-3/8 6,830</u>
<u>1 1,454</u>	<u>2-1/2 4,083</u>	<u>3-1/2 6,995</u>
<u>2 1,931</u>	<u>2 4,394</u>	<u>3-3/4 7,195</u>
<u>1 2,170</u>	<u>2-3/4 4,702</u>	<u>5-3/4 7,374</u>
<u>2 2,250</u>	<u>3 4,930</u>	<u>6 7,473</u>
<u>1-1/4 2,453</u>	<u>2-1/2 5,059</u>	<u>5-1/2 7,512</u>
<u>4 2,766</u>	<u>2-1/4 5,371</u>	<u>4-1/2 7,606</u>
<u>4 2,860</u>	<u>3-1/4 5,741</u>	<u>4 7,700</u>
<u>3/4 2,990</u>	<u>3-3/4 5,932</u>	<u>4 7,800</u>
<u>5 3,000</u>	<u>4 6,008</u>	<u>3-1/4 7,889</u>
<u>5 3,179</u>	<u>3-3/4 6,128</u>	<u>3 8,228</u>
<u>4-3/4 3,240</u>	<u>3-3/4 6,231</u>	<u>2-3/4 8,364</u>
<u>4-1/2 3,397</u>	<u>3 6,379</u>	<u>1-3/4 9,345</u>
<u>4-1/2 3,500</u>	<u>3-3/4 6,690</u>	<u>1-1/2 10,393</u>
		<u>1-3/4 10,690</u>

Drilling Contractor Capitan Drilling Co., Inc.

By: [Signature]
W. N. Rees, Jr., Vice-President

Subscribed and sworn to before me this 17th day of January, 1979

[Signature] Brenda Stone
Notary Public

My Commission Expires: 3-14-79

Ector County Texas