

WELL NAME AND NUMBER Keohane Et al Federal Com. #1

LOCATION 1980' ENL c 770 FEL Section 19, 18-S-31-E
(Give Unit, Section, Township and Range)

RECEIVED

DEC 20 1977

OPERATOR Gulf Oil Corporation

DRILLING CONTRACTOR McVay Drilling Company

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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° 615</u>	<u>1 1/4° 5517</u>	<u>2 1/2° 8910</u> <u>6° 11,690</u>
<u>3/4° 945</u>	<u>1° 5745</u>	<u>1 1/2° 9000</u> <u>7° 12,070</u>
<u>1/4° 1226</u>	<u>3/4° 6130</u>	<u>1 1/4° 9128</u>
<u>1/4° 1662</u>	<u>1° 6510</u>	<u>1 1/4° 9473</u>
<u>1 1/2° 1942</u>	<u>1° 6800</u>	<u>2° 9787</u>
<u>1 1/4° 2076</u>	<u>3/4° 7177</u>	<u>1 1/4° 10,037</u>
<u>3/4° 2150</u>	<u>1 1/4° 7524</u>	<u>2° 10,225</u>
<u>1/4° 2419</u>	<u>1 3/4° 7710</u>	<u>3 1/4° 10,412</u>
<u>1/4° 2720</u>	<u>1 3/4° 7869</u>	<u>3 1/2° 10,536</u>
<u>1/4° 3095</u>	<u>2 1/2° 8020</u>	<u>4 3/4° 10,661</u>
<u>1/4° 3498</u>	<u>2 1/2° 8119</u>	<u>4 3/4° 10,735</u>
<u>1/4° 3872</u>	<u>2 3/4° 8245</u>	<u>4 1/2° 10,849</u>
<u>1/4° 4091</u>	<u>2 1/2° 8370</u>	<u>4 1/2° 10,964</u>
<u>1/4° 4425</u>	<u>2 1/4° 8496</u>	<u>4 3/4° 11,210</u>
<u>3/4° 4732</u>	<u>2 1/4° 8653</u>	<u>5 1/2° 11,400</u>
<u>1 1/4° 4980</u>		
<u>1 1/4° 5203</u>		

Drilling Contractor McVay Drilling Company

By: [Signature]

Subscribed and sworn to before me this 9th day of December, 1977

Notary Public

My Commission Expires: August 15, 1981

Lea County New Mexico