

WELL NAME AND NUMBER North Shugart #1 ✓

LOCATION 660' ENL and 2180' EEL Section 29-18-S, 31-E
(Give Unit, Section, Township and Range)

RECEIVED

OPERATOR Gulf Oil Corporation

SEP 6 1977

DRILLING CONTRACTOR McVay Drilling Company

O.C.C.
ARTESIA, OFFICE

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	Degrees @ Depth	Degrees @ Depth
<u>1/4° 924</u>	<u>1 1/2° 5490</u>	<u>2 1/2° 7195</u>
<u>1/2° 1266</u>	<u>1 3/4° 5652</u>	<u>1 1/2° 7317</u>
<u>3/4° 1487</u>	<u>2 1/4° 5837</u>	<u>1° 7596</u>
<u>1 1/4° 1737</u>	<u>2 3/4° 5928</u>	<u>3/4° 7675</u>
<u>1 3/4° 1955</u>	<u>2 1/2° 6022</u>	<u>3/4° 8152</u>
<u>1 1/4° 2017</u>	<u>2 3/4° 6115</u>	<u>1° 8646</u>
<u>1 1/4° 2171</u>	<u>2 3/4° 6178</u>	<u>1/4° 9226</u>
<u>1° 2357</u>	<u>3° 6273</u>	<u>1 1/2° 9749</u>
<u>3/4° 2699</u>	<u>2 3/4° 6380</u>	<u>1° 9935</u>
<u>1/2° 3102</u>	<u>3° 6488</u>	<u>2 3/4° 10,241</u>
<u>1/4° 3660</u>	<u>2 3/4° 6581</u>	<u>3° 10,334</u>
<u>1/2° 3800</u>	<u>2 3/4° 6671</u>	<u>3 1/4° 10,424</u>
<u>1 1/4° 4283</u>	<u>2 3/4° 6792</u>	<u>3° 10,546</u>
<u>1° 5033</u>	<u>2 3/4° 6917</u>	<u>3° 10,715</u>
<u>1 1/2° 5374</u>	<u>3° 7040</u>	<u>3 1/4° 10,798</u>

(cont.)

Drilling Contractor McVay Drilling Company

By: [Signature]

Subscribed and sworn to before me this 16 day of August, 1977

[Signature]
Notary Public

My Commission Expires: Feb 22, 1978

Lea County N. Mexico