

WELL NAME & NUMBER Murphy "NW" Federal #1 JAN 26 1981

LOCATION 1980 SL, 990 W, Sec. 3, 18-S, 25-E
(Give Unit, Section, Township and Range)

OPERATOR Vates Petroleum Corporation, 207 S. 4th Street, Artesia, NM 88210

DRILLING CONTRACTOR Kenai Drilling of Texas, 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>Degrees @ Depth</u>
<u>1 1/2 340</u>	<u>1 6050</u>		
<u>1 1/2 650</u>	<u>1 1/4 6973</u>		
<u>1 1160</u>	<u>1 1/4 7471</u>		
<u>1 1/4 1379</u>	<u>3/4 8070</u>		
<u>3/4 1854</u>	<u>1 1/4 8300</u>		
<u>1/2 2342</u>	<u>2 1/2 8630</u>		
<u>3/4 2860</u>			
<u>3/4 3348</u>			
<u>1/2 3845</u>			
<u>3/4 4343</u>			
<u>3/4 4810</u>			
<u>1 3/4 5099</u>			
<u>1 5520</u>			

Drilling Contractor Kenai Drilling of Texas, Inc.

By Robert A. Smith
Robert A. Smith, Drilling Engineer

Subscribed and sworn to before me this 19th day of December, 19 80

Barbara J. LaGrone
Notary Public Barbara J. LaGrone

My Commission Expires 8-22-81

Ector County Texas