

DEVIATION SURVEY
FEDERAL "19" NO. 1
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<u>Measured Depth (Feet)</u>	<u>Deviation</u>	<u>Accumulative Displacement (Feet)</u>
10,035	1°	226.80
10,283	1°	231.14
10,712	1°	238.65
11,023	1°	244.09
11,303	3/4°	247.76
11,595	1/2°	250.30
11,922	1/2°	253.14
12,858	1-1/2°	277.66
13,696	1°	292.33
13,800	2°	295.96

The undersigned hereby certifies that he is an authorized representative of the Operator who drilled and operated the above described well and that he has conducted deviation tests and obtained the above results.

Operator AMINOIL USA, INC.

By

Warren L. Shafer
Warren L. Shafer

Operations Manager/Production

Subscribed and sworn to before me this 15 day of March, 1983.

Nemetha Lierro
Notary Public

Midland County, Texas

My Commission expires:

9-30-84

RECEIVED

MAR 28 1983

**O.C.D.
HOBBS OFFICE**