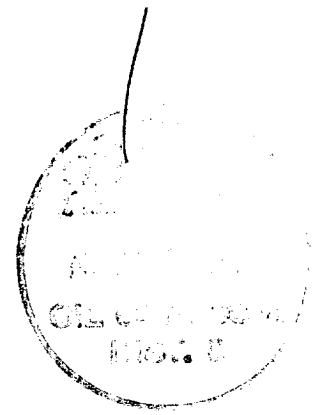


DEVIATION SURVEY

Hanson Well No. 13
Completed October 2, 1967



Location: 1650' from the West line and 990' from the South
line, Unit N, Section 6, Township 17 North, Range
8 West, McKinley County, New Mexico

	<u>Depth</u>	<u>Deviation Degrees</u>
	71'	1/4°
	1,300'	3/4°
TD	1,554'	3/4°

Certification of personal knowledge deviation data:

I hereby certify that I have personal knowledge of the data and facts placed
on this instrument, and that such information given above is true and complete.

TESORO PETROLEUM CORPORATION

By Harold Vagtberg, Jr.
Harold Vagtberg, Jr.

STATE OF TEXAS

COUNTY OF BEXAR

Before me, the undersigned authority, personally appeared Harold
Vagtberg, Jr., known to me to be the person whose name is subscribed hereto,
and having been by me duly sworn upon his oath does say, that the facts and
circumstances set out herein are true and correct.

Harold Vagtberg, Jr.
Harold Vagtberg, Jr.

Sworn and subscribed to before me, this the 20th day of November, 1967.

Notary Public in and for
Bexar County, Texas

My commission expires:

November 1968