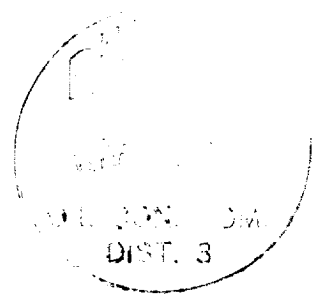


DEVIATION SURVEY

Well: Hospah Sand Unit #1-Y

Location: Unit Letter A, 925' from the North Line and 1330'
from the East Line, Section 1, T-17-N, R-9-W
McKinley County, New Mexico

<u>Depth</u>	<u>Deviation Degrees</u>
600'	1/4°
1100'	1/4°
1613 TD	1/2°



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 R. H. Denman
R. H. Denman

STATE OF TEXAS 0

COUNTY OF BEXAR 0

Before me, the undersigned authority, personally appeared R. H. Denman, 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.

Sworn and subscribed to before me, this 27th day of October, 1971.

Ruth M. Winfrey
Notary Public in and for
Bexar County, Texas

My commission expires:

June 1, 1973