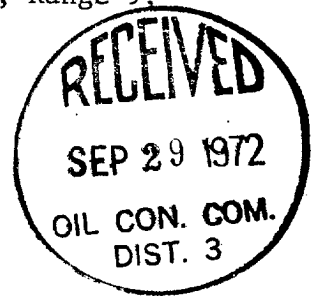


DEVIATION SURVEY

Well : Hospah Sand Unit #48-Y

Location: Unit Letter O; 530 feet from the South line and 1440 feet from the East line of Section 36, Township 18, Range 9, NMPM, McKinley County, New Mexico.

<u>Depth</u>	<u>Deviation Degrees</u>
890'	1/2°
1163'	3/4°
1625' 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 X

COUNTY OF BEXAR X

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 26th day of September, 1972.

ARLENE F. MECKEL
Notary Public, Bexar County, Texas
Arlene F. Meckel
Notary Public in and for
Bexar County, Texas

My commission expires:

June 1, 1973