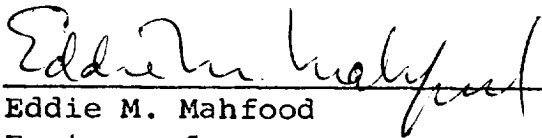


DEVIATION SURVEY
Yates Petroleum Corporation - Federal "BZ" No. 4.
330' FSL & 1650' FEL of Section 21-17S-25E
Eddy County, New Mexico

Depth Feet
640'
1097'

Deviation
1/4 deg.
1/2 deg.

Sworn to this 8th day of September, 1971




Eddie M. Mahfood
Engineer for
Yates Petroleum Corporation

STATE OF NEW MEXICO)
 : ss
COUNTY OF EDDY)

RECEIVED
SEP 16 1971
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

The foregoing instrument was acknowledged before me this 8th day of September, 1971 by Eddie M. Mahfood agent for Yates Petroleum Corporation.

My Commission expires
NOVEMBER 17, 1972
FORMERLY DOROTHY PATTERSON



Notary Public in and for
Eddy County, New Mexico