

BELCO PETROLEUM
JAMES RANCH WELL NO. 14
EBBY COUNTY, NEW MEXICO
JUNE 5, 1983

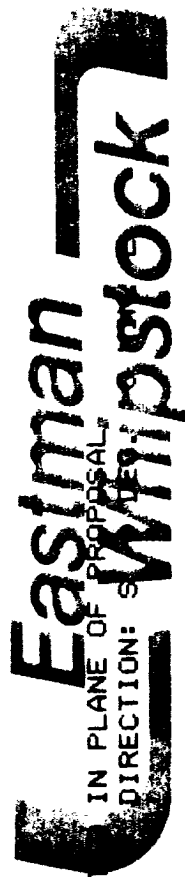
BB1-398

EASTMAN WHIPSTOCK, INC.
MAGNETIC MULTI SHOT SURVEY
SURVEYOR: TROY ONEY

WT0683-S0250

(3900'-12000')

TIE-IN INFORMATION IS PROVIDED BY DIG SURVEY.
TIE-IN MEASURED DEPTH IS 3900 FEET



VERTICAL SECTION CALCULATION IN PLANE OF PROPOSAL
DIRECTION: S 15° E

RECORD OF SURVEY

RADIUS OF CURVATURE METHOD