

A Gyrodatta Directional Survey

for

EASTLAND OIL CO.

Well: PJ A STATE NO. 21, 2-3/8" TUBING

Location: LR WELL SERVICES MASS UNIT, EDDY COUNTY, NEW MEXICO

Job Number: MD0700GBM200

Run Date: 7/26/00

Surveyor: Troy Paredez

Calculation Method: MINIMUM CURVATURE

Survey Latitude: 32.672000 deg. N

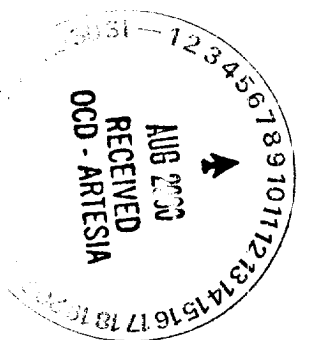
Azimuth Correction:

Gyro: Bearings are Relative to True North

Vertical Section Calculated from Well Head Location

Closure Calculated from Well Head Location

Horizontal Coordinates Calculated from Well Head Location



*Ernest Surman*  
Ernest Surman, Asst. Operations Manager

STATE OF TEXAS

§

COUNTY OF HARRIS §

BEFORE ME, the undersigned, a Notary Public in and for the County and State, on this day personally appeared Ernest Surman whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN under my hand and seal of office this  
7th day of August 2000.

*Frances Elaine Cain*  
Frances Elaine Cain  
Notary Public in and for

NTAL  
NATES

0.00 E

1.32 W

2.24 W

1.11 W

0.47 E

5.20 E

15.05 E

24.91 E

30.66 E

32.14 E

32.22 E

32.06 E

31.44 E

34 N