



Telephone (505) 748-2205

L & M DRILLING, INC. — Oil Well Drilling Contractors

P. O. BOX 470 / ARTESIA, NEW MEXICO 88210

August 11, 1993

Phillips Petroleum Company
4001 Penbrook
Odessa, TX 79762

RE: James E Federal No. 8
2247' FSL & 1558' FEL
Sec. 11, T22S, R30E
Eddy County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well through the depth at which 8-5/8" casing was set. The company which handled the directional drilling past this depth should send additional deviation figures.

DEPTH	DEVIATION
400'	1°
909'	1 1/4°
1414'	3/4°
1909'	1°
2440'	1°
2937'	3°
3500'	3°

Very truly yours,

Eddie C. LaRue
Drilling Superintendent

STATE OF NEW MEXICO §
COUNTY OF EDDY §

The foregoing was acknowledged before me this 11th day of August, 1993.

NOTARY PUBLIC