

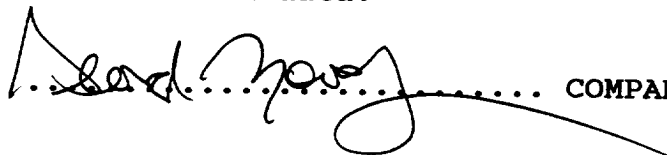
SCIENTIFIC DRILLING INTERNATIONAL

MIDLAND, TEXAS

PHILLIPS PETROLEUM COMPANY

Well Name : PHILLIPS/JAMES E FEDERAL #8
Location : EDDY COUNTY, NEW MEXICO
SHL :
BHL :
ACTUAL BHL :
Date Surveyed : 10/11/93
Job No. : 32D0693175
Survey Performed By : C. WOOLFOLK

This survey is correct to the best of my knowledge
and is supported by actual field data.

..... COMPANY REPRESENTATIVE