



CORE LABORATORIES, INC.

Petroleum Reservoir Eng

COMPANY YATES PETROLEUM CORPORATION FILE NO _____
 WELL MURPHY NW FEDERAL NO. 1 DATE _____
 FIELD ATOKA MORROW FORMATION PERMO PENN ELEV. _____
 COUNTY EDDY STATE NEW MEXICO DRLG. FLD. _____ CORES _____
 LOCATION 1980' FSL & 990' FWL, SEC. 3, T-18-S, R-25-E

CORRELATION COREGRAPH

These analyses, opinions or interpretations are based on observations and material supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc., (all errors or omissions excepted); but Core Laboratories, Inc., and its officers and employees, assume no responsibility and make no warranty or representations as to the productivity, proper operation, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

VERTICAL SCALE: 5" = 100'

Gamma Ray

RADIATION INCREASE →

API UNITS

Permeability

MILLIDARCIES

100 10 1.0 .1

Porosity

PERCENT

Depth Feet 30 20 10

