



PETROLEUM SERVICES

March 18, 1997

ARCO PERMIAN
P.O. Box 1610
Midland, Texas 79702-1610

File No: 57181-17607
Subject: Drilled Sidewall Analysis
Galileo "34" State COM No. 1
Empire South (Morrow) Field
Eddy County, New Mexico

Gentleman:

Sidewall Core Analysis was made on 6 drilled sidewall core samples received from Wester Atlas.

Samples were photographed under both ultraviolet and natural light.

Gas expansion porosity and grain density were determined using Boyle's Law.

Gas detection was measured using a "Hot Wire Gas Detector" on gas in the sealed containers.

Air permeability was measured horizontally on drilled sidewalls.

Descriptions and fluorescence were visually determined microscopically.

The samples will be returned to client.

We trust these data will be useful in the evaluation of your property and thank you for the opportunity of serving you.

Very truly yours,
CORE LABORATORIES, INC.

Dean Olson
Laboratory Supervisor

DO/ym