

PH. 366-0811

PERMIAN TESTERS, INC.

P. O. BOX 6441

ODESSA, TEXAS 79762

BOTTOM HOLE SAMPLER REPORTDate April 18, 1988 Ticket No. 6658Company Primary Fuels, Inc.Well Name & No. PFI Amoco 19 Federal #3Y DST No. 2County Eddy State New MexicoSampler No. _____ Test Interval 10840 - 10894Pressure in Sampler 0 PSI BHT 176 °FTotal Volume of Sampler: 1500 cc.Oil: 0 cc.Water: 0 cc.Mud: 200 (gas cut) cc.Gas: .75 cu. ft.

Other: _____

ResistivityDrilling Fluid in Pits .13 @ 60 °F Chloride Content 64,000 ppm.Fluid from Sampler .085 @ 60 °F Chloride Content 115,000 ppm.

Gas/Oil Ratio _____ Gravity _____ -API @ _____ °F

Where was sample drained Rig

Remarks: _____