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*See Instructions on Reverse Side

313 Washington S.E. Albuquerque, New Mexico 87108 Page: _ Well: Jicarilla Apache 47-33 Date: __May 25, 1987 Day # 7 . Present operation: drilling 5252' . Depth today: 24 hour footage: 487' . Formation: sand and shale

Drill Collars: No: 18 Size: 6 3/8 Weight: 40,000# Bore: 24 Rotary: RPM: 60 Weight on bit: 35000# Present drilling rate: 30 ft./hr. Pump: Liner size: 55 Pressure: 1200# Strokes per minute: 52 Mud: Vis: 45 Wt.: 9.3 W. L.: 5 Mud additives last 24 hours: 23 gel; 2 soda ash; 2 caustic soda; 1 thinner; 9 LCM; 20 BO Deviation survey: ____none (washed out jet) Bit: Run #4: Size 7 7/8, Type V537, Ftg. 277', hours 10/ Run #5: Size 7 7/8 Break down: 1/4 Rig service Type RR J22, Ftg. 252', hours 10 1/4 Work on C250 pump 5 1/2 Trip for washed out jet 18 Drilling Date: May 26, 1987

Day #: 8 Present operation: drilling Depth today: 24 hour footage: 708 Formation: sand and shale 5960' Drill Collars: No: 18 Size: 6 3/8 Weight: 45,000# Bore: 2½
Rotary: RPM: 70 Weight on bit: 12,000# Present drilling rate: 40 ft./hr Pump: Liner size: 5½ Pressure: 1200# Strokes per minute: 56 Mud: Vis: 50 Wt.: 9.2 W. L.: 5 Mud additives last 24 hours: 2 soda ash; 36 qel; 4 starch; 3 caustic soda; 2 thinner; 1 preservative, 100 LCM; 60 BO Deviation survey: 15° @ 5314' 1° @ 5898' Bit: Run #5: Size 7 7/8; Type, J22 RR; Ftg. 314'; hours, 124 Run #6: 1/4 rig service, check BOP Size 7 7/8; Type, Christensen Break down: 4 3/4 surveys & trip Ftg. 646'; hours, 13 3/4 2 1/2 repair torque converter and compound chain 1/2 surveys 16 <u>drilling</u> Date: May 27, 1987 circulation

Day #: 9 Present operation: mixing mud; lost/Depth today: 6973' 24 hour footage: 1013' Formation: sand and shale

Drill Collars: No: 18 Size: 6 3/8 Weight: 45,000# Bore: 24 Rotary: RPM: 65 Weight on bit: 14000# Present drilling rate: 40 ft./hr
Pump: Liner size: 55 Pressure: 1200 Strokes per minute: 56 Mud: Vis: 45 Wt.: 9.3 W. L.: _ 6 Mud additives last 24 hours: 75 gel; 40 BO; 228 LCM; 2 soda ash 4 caustic soda; 4 thinner; 4 starch Deviation survey: 1½° @ 6531' Bit: Run No. 6: Size 7 7/8; Type, RP19B; Ftg. 1659' Hours 34 3/4 Break down: 1/4 rig service 2 1/4 Lost circulation at 6328' and 6973' 1/2 surveys

21 Drilling