

# DRILL STLM TESTS

## DELAWARE-APACHE CORPORATION

No. 1 Sinclair State

545' FSL & 660' FEL

Section 3, T-10-S, R-33-E

Lea County, New Mexico

DST #1 9572-9630' (48 ft. interval) Preflow w/GTS in 2 minutes. Packers failed. Attempted to reset packers but would not hold.

DST #2 9580-9630' Tool open 3 hrs., GTS 5", maximum rate 750 MCFPD decreased to 50 MCFPD after 1 hr. & stabilized. Mud to surface in 80", oil cut mud in 90", oil cut SW in 140", flowed 8 bbls. of fluid in 40", S/O 80% SW, 20% oil. Reversed 40 bbls. of fluid, cut 80% SW (Sample chamber GOR 6000, oil gvt. 47.2 @ 60, CL-52,000 ppm., IHYD 4947, ISIP (30") 2996, IFP 700, FFP 2765, FSIP (30") 2996, FHYD 4947, BHT 152°F.

DST #3 9617-9630' 15' of fill plugged tool, no test.

DST #4 9618-40, tool open 100", GTS 14" w/maximum rate 42 MCFPD. Then unloaded and reversed out 45 bbls. of fluid. (30 bbls. cut 20% oil, 80% SW and lost 15 bbls. cut 99% SW) IHYD 5132, ISIP (30") 2966, IFP 745, FFP 2692, FSIP (30") 2938, FHYD 5077.

DST #5 9665-9704' Tool open 1 hr., weak blow died in 5". By-pass tool, rec. 30' drilling mud. IHYD 5203, ISIP (30") 161, IFP 96, FFP 71, FSIP 135, FHYD 5203

DST #6 9710-9730', Tool open 1 hr., strong blow for 30 minutes. Rec. 6700' SW. IHYD 5159#, ISIP (30") 3648, IFP 1164, FFP 3648, FSIP (30") 3648, FHYD 5108.

