KANSAS DRILLER'S LOG

LOCATION: 10' FSL & 2640' FWL LEASE: INTERSTATE UNIT #89 SECTION 16-34S-43W OWNER: ANADARKO PRODUCTION COMPANY MORTON COUNTY, KANSAS 9-10-81 SPUD: 8 5/8" SET @ 1194' CASING: COMP: 9-19-81 5 1/2" SET @ 4257' 64 Surface Sand 560 Surface Sand, Gyp, Red Bed 840 Red Bed, Gyp Red Bed & Gyp 1165 Anhydrite & Shale 1194 Red Bed, Shale 1475 Red Bed & Shale 1880 Shale 2210 Shale W/Lime Streaks 2420 Shale & Lime 3090 Lime & Shale 3230 Lime 3410 Shale & Lime 3545 Lime & Shale 4260 R.T.D. 4260

I, William C. Wakefield, do hereby certify that this is a true and correct Driller's Log on the INTERSTATE UNIT #89, located 10' FSL & 2640' FWL of Section 16-34S-43W, MORTON COUNTY, KANSAS, as shown by the daily drilling

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reports.

STATE OF KANSAS

COUNTY OF SEDGWICH)

CARL F WAKEFIELD INC

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