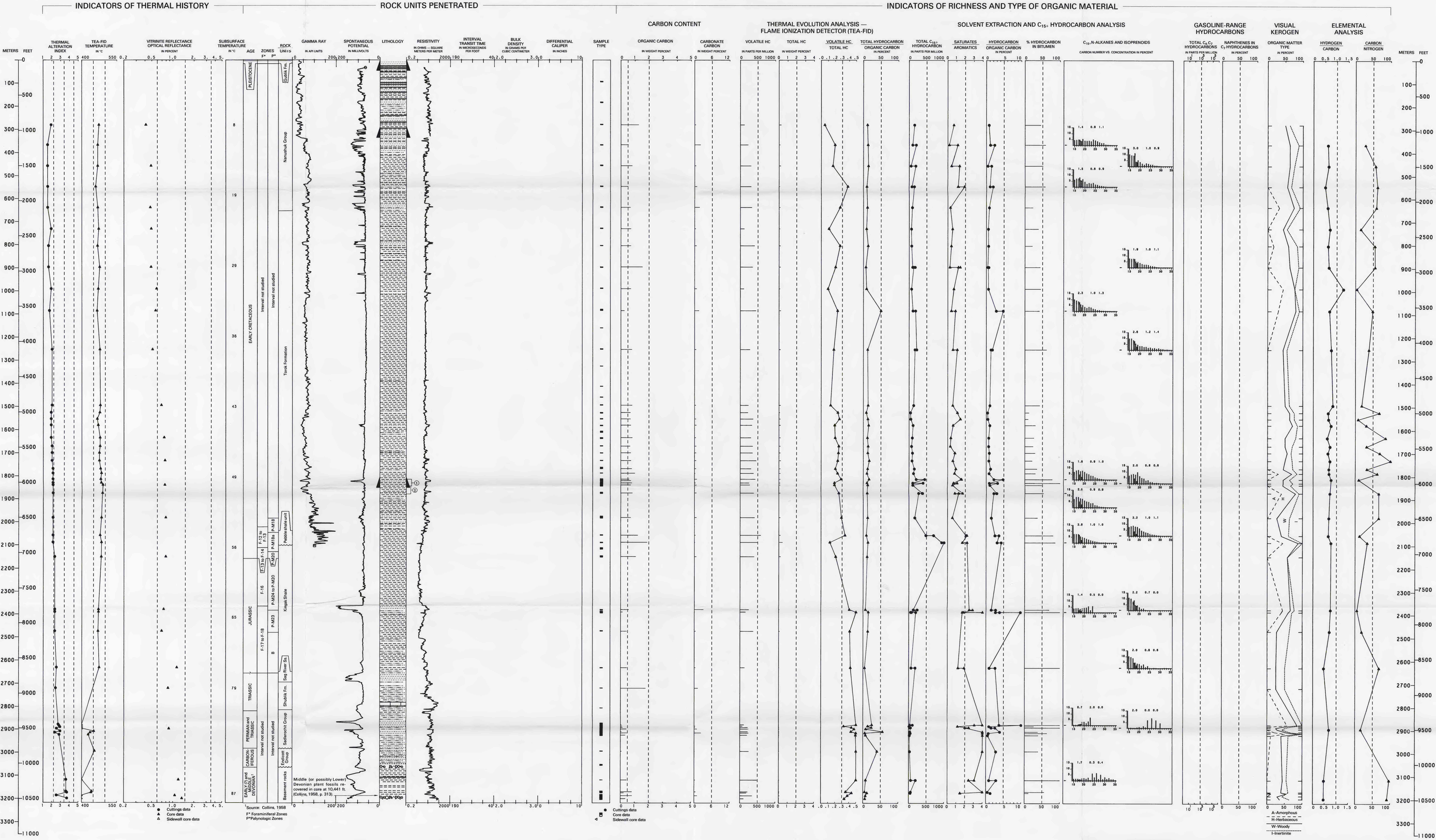


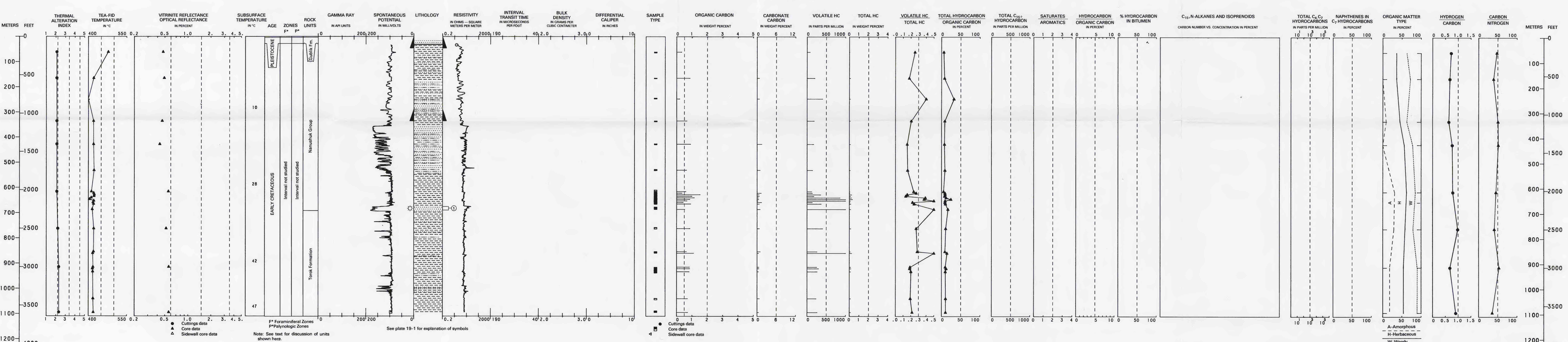
TOPAGORUK NO. 1

API NO. 50-279-10033
SEC. 35, T. 15 N., R. 16 W., UM
LAT 70°37'30" N., LONG 155°53'36" W.
ELEV. KB 12.8 M (42 FT)
TD 3,201.3 M (10,503 FT)



EAST TOPAGORUK NO. 1

API NO. 50-279-10034
SEC. 12, T. 14 N., R. 14 W., UM
LAT 70°34'38" N., LONG 155°22'39" W.
ELEV. KB 20.4 M (67 FT)
TD 1,093.9 M (3,589 FT)



GEOLOGY, GEOCHEMISTRY, AND HYDROCARBON OCCURRENCE IN
TOPAGORUK NO. 1 AND EAST TOPAGORUK NO. 1 WELLS, NORTH SLOPE, ALASKA