

PLANET CASTERTON No 2 well - INTERIM Wellsite Log, CUNDILL MEYERS & ASSOCIATES.

BIT TYPE AND REMARKS	DRILLING RATE min/Ft Minutes 4 8 12 16 20 24 28	DEVIATION	CASING AND PLUGS	CORE RECOVERY AND DIPS	FORMATION TESTS	GAS DETECTOR	HYDROCARBONS AND LOST CIRC	DEPTH FEET	POROSITY PERCENT & TYPE	LITHOLOGY % of cuttings	GRAIN SIZE SILT VERY FINE FINE MEDIUM COARSE	DEPT. NAT. RES & ENV PE604070 LITHOLOGIC DESCRIPTION	INTERPRETED LITHOLOGY	TENTATIVE LITHOLOGIC UNITS
Smith DTS-J 3 3/4"														Subpyritic Pakerepa
								1100		Quartz SANDS, VER. MINOR coal. PYRITIC SANDSTONES and SHALES in basal 60' (1040 - 1427)				UPPER CRETACEOUS
								1200		SANDS: Lt. gy. clear, some smoky, yellow, pink, & violet. Consists of fresh to polished, mainly eq (some fq, mg + veg.) ang, sub ang, and sub rounded quartz. Recovered as loose grains in the cuttings. Minor black coal and oec. Lt. brn ferruginous sandstones and loose dk gy chert grains. In basal 60' pyrite cemented f. mg. Sandstone, hard dk gray pyritic and carbonaceous shales, and ironstone is present.				
								1300						
									1400					
									1500		MUDSTONES, SILTSTONES + feldspathic, lithic, CALCAREOUS SANDSTONES [1427 - T.D. (3008)]			MERINO Group LOWER CRETACEOUS
									1600		Mudstones: Lt. greenish gray, blocky, soft, contain scattered carbonaceous flecks. Siltstones: Lt. gy. some Lt. brn, argillaceous, slightly micaceous, contains abundant carbonaceous specks and plant fragments. Gray variety occasionally calcareous. May be feldspathic or contain very fine lithic material.			
									1700		Sandstones. Generally light gy or whitish gray, very fine grained to fine grained, consists of sub rounded to sub angular quartz, feldspars, lithic material (carbonaceous material, green grey chloritic? rock fragments, dk gy cherty grains, traces yellowish and reddish lithic fragments) minor mica chlorite & resinous material in a calcareous to kaolinitic matrix. Calcareous variety is hard, light white kaolinitic variety is softer, occasionally friable, with some minor poor porosity.			
									1800					
									1900					
								2000						

Legend ql = glauconite □:□ Loose Qtz grains in cuttings □ Consolidated SANDSTONE (MERINO Type) □ Siltstone □ Mudstone ■ Coal

DD 41 JP