

ESSO STANDARD OIL (AUSTRALIA) LTD.

CORE DESCRIPTION

Core No. 2

WELL: POONBOON #1

Interval Cored 8096'-8118' ft., Cut 22 ft., Recovered 22 ft., (100%) Fm. Eastern View

Bit Type Christensen C-22, Bit Size 8 1/32 in., Desc. by Mebberson Date 9 September 1972

Depth & Coring Rate (min./ft.)	Graphic (1" = 5')	Shows	Interval (ft.)	Descriptive Lithology
0 5 10 16 20 26 32 38 44 50 56 62 68 74 80 86 92 98 104 110 116 122 128 134 140 146 152 158 164 170 176 182 188 194 200 206 212 218 224 230 236 242 248 254 260 266 272 278 284 290 296 302 308 314 320 326 332 338 344 350 356 362 368 374 380 386 392 398 404 410 416 422 428 434 440 446 452 458 464 470 476 482 488 494 500		SHOWS	8096'-98'	SANDSTONE: Quartzose, non-calcareous, fine to coarse grained, vaguely graded in units (4") fining upwards, poorly sorted, subangular to subrounded. Contains brown shale clasts and wavy discontinuous bands (1/8") at top of grading. Faint crossbedding in coarser sand. Grades into:
			8098'-8106"	INTERBEDDED SAND, SILTSTONE & SHALE: sandstone - quartzose, moderate sorting, subrounded, occurring in bands of coarse to very coarse and fine to medium grained, occasionally carbonaceous. siltstone - sandy, light brown, firm in bands up to 6". shale - dark brown to pink-brown, firm in thin (1/4") bands. Shale and siltstone & sand interfaces exhibit wavy parallel continuous & discontinuous bedding, slumping, small scale rippling & traces of scouring. Sharp contact with:
			8106"-8105'6"	SANDSTONE: quartzose, very fine to medium grained, occ. coarse, well sorted, subrounded, firm to hard, massive. Vague horizontal bedding, sl. carbonaceous, very vague cross bedding?, layers of pink-brown, firm shale clasts. Sharp contact with:
			8105'6"-8106'6"	CONGLOMERATE: Flat pebbles up to 1" x 1/2" of brown & pink-brown shaly mudstone, in layers, in a matrix of medium grained, moderately sorted quartz grains. Sharp contact with:
			8106'6"-8112'	INTERBEDDED SHALE, SILTSTONE & SANDSTONE: shale: dark brown, finely laminated, firm to hard up to 6" thick. siltstone: pale brown, sandy, firm, carbonaceous, up to 6" thick

REMARKS:

Barrel jammed after cutting 22'

← Overburden core analysis sample.

← Palynology chips taken.

sand: occasional thin bands, medium grained, moderately sorted, subangular, quartzose.

Exhibits: large ripples, scouring, sand boudinages.

Grades into:

8112' - 8117' COAL: Black, conchoidal fracture, shiny. Grades into ←

8117' - 8118' SHALE & SILT: as above.

