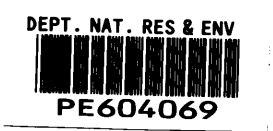


PLANET CASTERTON No 2 well - Interim Wellsite Log

CUNDILL MEYERST ASSOCIATES.

| BIT TYPE AND REMARKS | DRILLING RATE min/Ft | 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 | Legen | | INTERPRETED LITHOLOGY | TENTATIVE LITHOLOGIC UNITS |
|---------------------------|----------------------|-----------|------------------|------------------------|-----------------|--------------|----------------------------|------------|-------------------------|-------------------------|------------|----------------------------------|------------------------|-----------------------|----------------------------|
| | | | | | | | | | | | | DEPT. NAT. RES & ENV PE604069 | LITHOLOGIC DESCRIPTION | | |
| Smith DTS-J 12 1/4" | | | 18" | | | | | | | | | | | | |
| | | | 2° | | | | | 100 | | Cement Clay Gast | | | | | |
| | | | 4° | | | | | 200 | | | | | | | |
| | | | | | | | | 300 | | | | | | | |
| | | | 1/2° | | | | | 400 | | | | | | | |
| | | | | | | | | 500 | | | | | | | |
| | | | | | | | | 600 | | | | | | | |
| | | | | | | | | 700 | | | | | | | |
| | | | 1/2° | 9 5/8" | | | | 800 | | | | | | | |
| | | | | | | | | 900 | | | | | | | |
| | | | | | | | 1000 | | | | | | | | |

Legen



SANDS (822-115) (822-115) Sand, qtz, occ. brn. pnt. Grades from vfg. at top to vcg. at base. Consists of sub rounded to sub ang. rounded qtz, occ. dk. brn. ferruginous grains.
Clay: Orange brown to brown. Some qtz. & silty clay

Shelly SANDS (822-115) (822-115) 10' of silty sands at top underlain by shaly sands. Some brn. pnt. qtz. Sands silty, v. vcg. frosted & polished rounded to sub rounded. Some shaly cherty grains. Silts, sands & clays contain abund. (up to 50%) coarse to fine frag. some small gastropods, bryozoa, commonly much abundant.

SANDS (822-115) (822-115) Sand, qtz, occ. white, smoky, yellow, or pink. Consists of co. to vcg, occ. mg. sub rounded to sub ang. or rounded, polished or frosted. Qtz grains, recovered loose in cuttings. Occ. coarse muscovite flakes, lignitic material (in places as fragments up to 1 1/2" long) and m.g. pyrite cemented sandstones are present.

Clays. An unknown percentage of soft brown clays is apparently present in the section, almost all of which goes into suspension in the drilling fluid. In the lower part of the unit, brn. ferruginous clayey siltstones, sandstones, clays and hard ironstones are present in minor amounts.

QUARTZ SANDS, glauconitic SILTSTONES GREENSANDS AND glauconitic CLAYS (822-1040)

Qtz SANDS 1/4 qtz, rarely pnt, consists of ang to sub rounded fq to eq. glassy or frosted qtz and a trace of pyrite.
glauconitic Siltstones: Dark gry-green, strongly glauconitic, with included dk green, mg. glauconite pellets.
greensands. Firm to hard consists of mg. ovoid, glauconite pellets in a green silty, glauconitic clay matrix. Grades to sandy glauconitic clay where clay matrix predominates.
Fossils are present at some horizons consisting of bivalves gastropods, echinoid spines & bryozoa.

Legend: gl = glauconite [BB] shell fragments [dotted] Loose Qtz Grains in Cuttings [horizontal lines] Clay, mudstone [vertical lines] SILT [solid black] coal. OD 41/62

DARTMOR FORMATION (Knight Group)
Eocene
Balgallal formation
Palaeocene