450488

(18)

DRILLING WIRE - PELICAN NO. 5 - BASS BASIN, AUSTRALIA

AMOCO CORPORATION - CHICAGO
ATTN: T.D. STACY MC 4502
B.G. NEWTON MC 4703
CH-AUP-029-T-420.61-CWW/SCB/ADB/GMK

TX: 020/234991785+

BUREAU OF MINERAL RESOURCES
THE DIRECTOR
ATTN: J. WHITE

TX: AA62109

TASMANIAN DEPARTMENT OF MINES
ATTN: H. MURCHIE

TX: AA58276

MISC-AUP-091-T-420.61-CWW/SCB/ADB/GMK

CC: AMOCO AUSTRALIA PETROLEUM COMPANY
- HOBART ATTN: A.D. BECKETT
ABB-AUP-020-T-420.61-CWW/SCB/ADB/GMK

TX: AA58162

DATE : 22 JANUARY, 1986.
REPORT NO. : 28
DAYS FROM SPUD : 25
TD : 2896.2 METERS (9502 FT)
PROGRESS : 14.3 M (47 M)
MUD PROPERTIES : MW - 9.7, VIS - 56, API FL - 5.6
LAST CASING : 13-3/8 AT 1753.8 METERS (5754 FT)
FCCT - 14.7 PPG
DAILY COST (USD) :103,427 CUM COST : 2,966,282
PRESENT OPERATION :WASH AND REAM
OPERATIONS SUMMARY :RECOVER CORE NO. 2. RIH AND CUT CORE NO. 3 FROM 2881.9 M (9455') TO 2896.2 M (9502').
RECOVER CORE NO. 3 - 95 PER CENT REC. RIH W/DRLG ASSY. TIGHT AT 2282.6 M (7489').WASH AND REAM TO 2364.1 M (7756').

DAILY GEOLOGICAL REPORT

PELICAN -5

DRILLED INTERVAL (TO 06:00 HRS): 2881.9-2893.8M (9455-9494FT)
SAMPLED INTERVAL (TO 06.00 HRS): 2863.0-2893.8M (9393-9494FT)
CORRELATIN/FORMATIN TOPS: TOP F SAND AT 2869M (2848SS)

SHOW SUMMARY

NO SHOWS. SS CRUSH CUTS AVERAGED MED BRT, W/MINOR GOLDEN, MOD INTENSE AND TRANSP, LT YLW FLUOR AND CLR UNDER TRANSMITTED LIGHT. CLAYSTNS PRODUCED CLR CUTS W/MED BRT INTENSE, LT YLW FLUOR.

LITHOLOGY SUMMARY

2863.0-2869M (9393-9413FT) CLAYSTONE FINELY INTERLAMINATED WITH SANDSTONE. LAMINAE VARIABLE THICKNESS OFTEN 0.5-5MM.

SANDSTONE

VF TO F DOM V FN GRN, HARD AND GENERALLY ONLY SIGHTLY FRIABLE. CEMENT (10-20 PER CENT) DOMINANTLY SOFT CRM-WHI CLAY (KAOLINITE?) WITH POSSIBLE GD TR SILICEOUS CMT
VISIBLE POROSITY 10-15 PERCENT, OCC 20 PER CENT
NIL TO PATCHY (50-90 PERCENT) LT BROWN OIL STAIN, AND SLIGHT PETROLEUM ODOR W/CRUSH CUTS CLR W/MOD BRT, MED INTENSE: TRANSP, DOM LT YLW TO V/MINOR MED CANARY YLW FLUOR W/DOM CLR DESICCATION RINGS OF DULL TO BRT GOLDEN TO LT YLW FLUOR.

CLAYSTONE

HARD SUB FISSILE IN PART, STRONGLY DRLG DISPERSIVE AND V/SOFT IN CUTTINGS SAMPLES, TR TO NON-CALC (38 PERCENT HCL). TR TO GD TR SUPERFNE TO V F GR QUARTZ, TR
BIOTITE AND WH MICA (ESPECIALLY ON LAMINAE). PROBABLY NIL PETROL ODOR: BUT NIL TO SLIGHT ODOR WHEN INTERLAMINATED WITH SANDSTNE. DOM EVEN BRN AND PATCHY DK BRN STAIN, SPECIMEN MASKED BY ROCK COLOUR. CRUSH CUTS CLR W/DULL, TRANSP, LT YLW FLUOR W/DESICCATION RING CLR W/DULL GLDEN FLUOR.

2869-2881M (9413-9452FT): SANDSTONE 100 PER CENT
F-MGR WITH GD TR V F AND TR C SD: MOD. HD, WHOLLY FRIABLE AND TR - 5 PER CENT BLACK CARBONACEOUS MATERIAL.

- GD TR TO 15 PER CENT CREAM, WH ARGILLACEOUS(?) MATRIX AND TR TO 5 PER CENT PINKISH CREAM CLAYEY FLECKS (MATRIX?) AFTER FELDSPAR.
- 15-20 PER CENT CEMENT, DOM SOFT WH KAOLINITIC? CLAY. GD TR. VIS POROSITY FAIR TO VERY GOOD (10-25 PERCENT): DOM GOOD (15-20 PERCENT). PATCHY TO EVEN 20-50 PERCENT V LIGHT BRN OIL STAIN, AND NIL TO SLIGHT PETROLEUM ODOR W/CRUSH CUTS CLR W/DOM GOLDEN-YLW FLUOR AND W/CLR DESICCATION RING OF DULL YLW FLUOR.

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