450485 (16)

86-01-21 1142 ST *
*TASROK AA58276*
STBY BCAST 176199 CLG

11.55

JANUARY 21, 1986

DRILLING WIRE - PELICAN NO. 5 - BASS BASIN, AUSTRALIA
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AMOCO CORPORATION - CHICAGO TX: 020/234991785+
ATTN: T.D. STACY MC 4502
B.G. NEWTON MC 4703
CH-AUP-027-T-420.61-CWW/SCB/ADB/GMK
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BUREAU OF MINERAL RESOURCES TX: AA62109
THE DIRECTOR
ATTN: J. WHITE

TASMANIAN DEPARTMENT OF MINES TX: AA58276
ATTN: H. MURCHIE

MISC-AUP-087-T-420.61-CWW/SCB/ADB/GMK
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CC: AMOCO AUSTRALIA PETROLEUM COMPANY TX: AA58162
- HOBART ATTN: A.D. BECKETT
ABB-AUP-019-T-420.61-CWW/SCB/ADB/GMK
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DATE : 21 JANUARY, 1986.
REPORT NO. : 27
DAYS FROM SPUD : 24
TD : 2881.9 METERS (9455 FT)
PROGRESS : 23.8 M (78 FT)
MUD PROPERTIES : MW - 9.5 , VIS - 57, API FL - 5.2
LAST CASING : 13-3/8'' AT 1753.8 METERS (5754 FT)
FCCT - 14.7 PPG
DAILY COST (USD) : 90,727 CUM. COST : 2,862,855
PRESENT OPERATION : RECOVER CORE NO. 2
OPERATIONS SUMMARY : DRLG TO 2863.6 M (9395 FT). TRIP FOR CORE BARREL. CUT CORE NO. 2 2863.6 M (9395') TO 2881.9 M (9455 FT). POH. RECOVER CORE NO. 2.

DAILY GEOLOGICAL REPORT
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DRILLED INTERVAL (TO 0600HRS): 2855.4 - 2881.9M (9368-9455FT)
SAMPLED INTERVAL (TO 0600HRS): 2841 - 2863M (9321-9393FT)
CORRELATION/FORMATION TOPS: TOP F SAND

SHOW SUMMARY
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NO SHOWS. TRACE FLUORSECENCE AND CUT IN SANDSTONES AND CLAYSTONES THROUGHOUT INTERVAL.

LITHOLOGY SUMMARY
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2841 - 2863M (9321-9393FT) INTERVAL DOMINANTLY SANDSTONE (70%) AND CLAYSTONE (30% IN PLACES WITH THIN SANDSTONE LAMINATIONS).

SANDSTONE: MAIN BED 2846 - 2861.5M (9337-9388FT), LOOSE GRAINS AND
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OCCASIONAL FRAGMENTS.
. V F-M GR, DOM M GR DOM WEAKLY CONSOLIDATED.
TR-20% SOFT WHI CLY CMT. IN PART, ABUN DOLOMITIC CMT AND SILICEOUS CMT.
. TR-GOOD VISIBLE POROSITY (RANGE 0-25%, DOM 15-20%)
.
. ABUN EVEN V LT BRN STAIN.
. MOST FRAGS SHOW EVEN 100% DULL ORANGE HYDROCARBON FLUORESCENCE WITH 5-10% PINPOINT BRI ORANGE FLUOR. TR SLOW STREAMING BRI YELL-WHI CUT AND VERY WEAK CLOUDING C/CUT WITH V DULL, LOW INTENSITY TRANSPARENT V LT YELL FLUOR, CLEAR RESIDUE WITH V DULL YELL-WHI DESS RNG FLUOR.

CLAYSTONE IN PART WITH THIN SANDSTONE LAMINAE (30%) CLAYSTONE (70%):
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IN PART FLECKED WITH BLACK CARBONACEOUS MATTER, DRLG DISPERSIVE, IN PART GRDG TO SHALE.
SANDSTONE (30%)V F-F GR, DOM MOD HD WITH 10-20% WH CLY CMT, TR-10% ARGILLACEOUS MATRIX, 0-15% VIS POR, PATCHY-TR V LT BRN STAIN. DOM AS THIN LAMINAE IN CLAYSTONE,GRDG IN PT TO CLYST WITH INCR CLY MATRIX, OR TO CLY SS.

BOTH CLAYSTONE AND I/B SANDSTONE SHOW V WEAK CRUSH CUT FLUOR AS DESCRIBED ABOVE.