450546

P. Baillie

DEPARTMENT OF MINES
RECEIVED/
17FEB 1986
3:25 AM/PM
OPERATOR O.B.

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26518
OCC

86-02-17 1507 ST *
TASROK AA58276
STBY BCAST 176199 CLG

FEBRUARY 17, 1986

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

AMOCO CORPORATION - CHICAGO TX: 020/234991785+
ATTN: T.D. STACY MC 4502
B.G. NEWTON MC 4703
CH-AUP-066-T-420.61-CWW/SCB/CDC/GMK

BUREAU OF MINERAL RESOURCES TX: AA62109
THE DIRECTOR
ATTN: J. WHITE

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

MISC-AUP-215-T-420.61-CWW/SCB/CDC/GMK

CC: AMOCO AUSTRALIA PETROLEUM COMPANY TX: AA58162
- HOBART ATTN: C.D. CORNELL
ABB-AUP-044-T-420.61-CWW/SCB/CDC/GMK

FEBRUARY 15, 1986

DATE : 15,FEBRUARY 1986
REPORT NO. : 52
DAYS FROM SPUD : 49
TD : 3647.2 METERS (11,966 FT)
PROGRESS : 0,
MUD PROPERTIES : MW -15.0 , VIS -53, API FL - 6.0
LAST CASING : 7''AT 3647.2 METERS (11,966 FT)
FCCT - PPG (NOT DRILLED OUT YET)
DAILY COST (USD) : 104,037 CUM. COST :6,303,912
PRESENT OPERATION : TIH WITH 6'' BIT TO CLEAN OUT 7'' LINER
OPERATIONS SUMMARY : TESTED BOP AS PER AMOCO SPECS TO 7000/3500/500 PSI. TIH WITH 8-1/2'' BIT TO CLEAN OUT TO TOP OF LINER AT 2926.1 M (9,600 FT). NO CEMENT.
PRESSURE TEST LINER LAP TO 3500 PSI - 22 PPG EQUIVALENT MUD WEIGHT.
LAY DOWN 8-1/2'' DRILLING TOOLS AND PICK UP 6'' DRILLING TOOLS

FEBRUARY 16, 1986

DATE : 16 FEBRUARY 1986
REPORT NO. : 53
DAYS FROM SPUD : 50
TD : 3647.2 METERS (11,966 FT)
PROGRESS : 0
MUD PROPERTIES : MW - 15, VIS - 52, API FL -6.4
LAST CASING : 7 '' LINER AT 3647.2 METERS (11,966 FT)

DAILY COST (USD) : 91,726 CUM. COST :6,395,638
PRESENT OPERATION : TRIP FOR BIT
OPERATIONS SUMMARY : RIH W/ 6'' DRLG ASSY. DRILL CMT, LANDING COLLAR AT 3609.7 M (11,843 FT) AND FLOAT COLLAR AT 3634.1 M (11,923 FT) DRILL CEMENT TO 3639.6 M (11,941 FT). TEST LINER TO 3100 PSI. TRIP FOR BIT.

FEBRUARY 17, 1986

DATE : 17 FEBRUARY 1986
REPORT NO. : 54
DAYS FROM SPUD : 51
TD : 3666.1 METERS (12,028 FT)
PROGRESS : 18.8 METERS (62 FT)
MUD PROPERTIES : MW - 15, VIS - 50, API FL - 6.4
LAST CASING : 7 '' AT 3647.2 METERS (11,966 FT)
FCCT - 20 PPG NO LEAK OFF
DAILY COST (USD) : 105,087 CUM. COST :6,500,725
PRESENT OPERATION : RIH
OPERATIONS SUMMARY : COMPLET PICKING UP H.W.D.P., RIH, DRILL CEMENT AND SHOE AT 3647.2 M (11,966 FT). CIRCULATE 15 MIN, CONDUCT CCCT TO 3100 PSI EMW = 20 PPG, NO LEAK OFF. DRILL 6'' HOLE FROM 3647.2 M (11,966 FT) TO 3651.5 M (11,980 FT). CIRC. 10 MIN, CONDUCT FCCT TO 3100 PSI EMW = 20 PPG, NO LEAK OFF. DRILL 6'' HOLE FROM 3651.5 M (11,980 FT) TO 3666.1 M (12,028 FT) SLUG PIPE, PULL 7 STANDS. (RUN TO BOTTOM ON GEOLOGIST ORDERS) CIRCULATE SAMPLES AT 3666.1 M (12,028 FT). SLUG PIPE, POH FOR NEW BIT.

DAILY GEOLOGICAL REPORT
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DRILLED INTERVAL (TO 0600HRS): 3647.1 - 3666.1M (11966 - 12028FT)
SAMPLED INTERVAL (TO 0600HRS): 3647.1 - 3666.1M (11966 - 12028FT)
CORRELATION/FORMATION TOPS: WITHIN PALEOCENE OF EVCM.

SHOW SUMMARY

NO SHOWS.

LITHOLOGY SUMMARY

3647.1 - 3666.1M (11966-12028FT) INTERBEDDED COAL AND CLST WITH SST BECOMING DOMINANT BELOW 3658M (12001FT)

COAL: BLK, METALLIC LUSTRE, CONCHOID FRAC.

CLST: D GY - OCC LT OL GY, TR-V CARB IN PART, RARELY SILTY GRADG TO SLTST IN PT.

SST: WH-V LT GY, F-M GR, 10% SILICA CMT, TR WH DOLIC CMT, TR DK BRN ORG STAIN, PR-FAIR VIS POROSITY (5-15%, AR 10%).

GAS SUMMARY

BACKGROUND GAS: 5 UNITS (0.10%)
COMPOSITION C1 - 526, C2 - 57, C3 - 56
MAXIMUM GAS: DEPTH 3661M (12011FT), 46 UNITS (.92%)
COMPOSITION C1 - 4340, C2 - 564, C3 - 180, IC4 - 15, NC4 - 33
TRIP GAS: DEPTH 3647.1M (11966FT) 0 UNITS (0%)
CONNECTION GAS: NIL

RATES OF PENETRATION

MAXIMUM ROP: DEPTH 3659M (12004FT), 6.6 M/HR (21.6 FT/HR)
MINIMUM ROP: DEPTH 3666M (12028FT), 1.5 M/HR (4.9 FT/HR)
AVERAGE ROP: 2.7 M/HR (8.9 FT/HR)

PRESSURE PARAMETERS

DXC, RANGE: 0.81 - 1.1
TEMP OUT: 44.2 DEG C TEMP IN: 43.0 DEG C
MUD WT. IN: 15.0 PPG MUD WT. OUT: 15.0 PPG ECD: 15.48 PPG
EST PORE PRESSURE: 14.7 PPG EMW EST FRACTURE PRESSURE: 20.0+ PPG EMW

REGARDS,
C.W. WARING
AMOCO AUSTRALIA PETROLEUM COMPANY

AAAA*
TASROK AA58276