450670 GR.357D

ENCLOSURE 10h.

Schlumberger

LDL(RUN #1) WITH CNL-GR(RUN#2) SUITE# 3

CSU Field Log

```
COMPANY:   AMOCO AUSTRALIA PETROLEUM CO.

WELL:      PELICAN #5

FIELD:
STATE :    TASMANIA
RIG :      D.M.EPOCH
NATION:    AUSTRALIA
LOCATION:  SHOT POINT 240
           LINE TNK4-87

LATITUDE:  40 20'43.259"S
LONGITUDE: 145 51'49.971"

PERMANENT DATUM:          MSL               ELEVATIONS-
ELEV. OF PERM. DATUM:     0.0 M             KB:   21.4 M
LOG MEASURED FROM:        KB                DF:   21.1 M
     21.4 M   ABOVE PERM. DATUM             GL:  -78.3 M
DRLG. MEASURED FROM:      KB

DATE:        9 FEB 86
RUN NO:      2

DEPTH-DRILLER:        3647.0 M
DEPTH-LOGGER:         3649.0 M
BTM. LOG INTERVAL:    3647.0 M
TOP LOG INTERVAL:     2995.0 M

CASING-DRILLER:       1750.8 M        2995.0 M
CASING-LOGGER:        1750.0 M        2995.0 M          0.0 M
CASING:               13 3/8 IN.      9 5/8 IN.         0.0 M
  WEIGHT:             72.0000 LB/F 53.5000 LB/F  0.0    LB/F
BIT SIZE:             17 1/2 IN.      12 1/4 IN.     8 1/2 IN.
  DEPTH:              1776.0 M        3002.2 M       3647.0 M

OTHER SERVICES-
  ISF-SLS-MSFL
  HDT
  CST-GR
  RFT-HP-GR

PROGRAM
TAPE NO:
  28.4
SERVICE
ORDER NO:
  DME 860201
```

```
TYPE FLUID IN HOLE:   FRESH WATER LIME
DENSITY:              14.40 LB/G
VISCOSITY:            49.0 S
PH:                   12.2
FLUID LOSS:            5.6 C3
SOURCE OF SAMPLE:     FLOWLINE
RM:                     .821 OHMM AT 68.0 DEGF
RMF:                    .495 OHMM AT 71.0 DEGF
RMC:                    .974 OHMM AT 70.0 DEGF
SOURCE RMF/RMC:       PRESS /PRESS
RM AT BHT:              .224 OHMM AT 268. DEGF
RMF AT BHT:             .140 OHMM AT 268. DEGF
RMC AT BHT:             .273 OHMM AT 268. DEGF

TIME CIRC. STOPPED:   1700/08
TIME LOGGER ON BTM.:  0400/09

MAX. REC. TEMP:       268.0 DEGF

LOGGING UNIT NO:       822
LOGGING UNIT LOC:     VEA
RECORDED BY:          WINSLOE
WITNESSED BY:         MCCULLOUGH/MOSNESS
```

REMARKS:

LDL (DRHO,PEF,RHOB) WAS RECORDED ON 9 TH FEB
CNL-GR WAS RECORDED ON 10 TH FEB. USING 1 1/2 IN. STANDOFF.
TENSION CURVES FOR BOTH LOGS ARE RECORDED IN THE DEPTH TRACK
TENSION CURVE FOR LDL IS A SOLID LINE AND WAS RECORDED ON
DEPTH WITH THE LDL
TENSION CURVE FOR CNL IS DOTTED AND WAS RECORDED 14 METRES
DEEPER THAN NPHI, AND 16.3 METRES DEEPER THAN THE GR.
INCREASING TENSION SHOWS WHERE TOOL IS STICKING.

EQUIPMENT NUMBERS-

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DRS-C 2952      PGD-G 1966      NSC-D 1735      GSR-J 6892
CNC-A 1547      SGC-SA 225      TCC-A 617       TCM-AB 16
```

ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS AND WE CANNOT, AND DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATIONS, AND WE SHALL NOT, EXCEPT IN THE CASE OF GROSS OR WILLFUL NEGLIGENCE ON OUR PART, BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COSTS, DAMAGES OR EXPENSES INCURRED OR SUSTAINED BY ANYONE RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR OFFICERS, AGENTS OR EMPLOYEES. THESE INTERPRETATIONS ARE ALSO SUBJECT TO OUR GENERAL TERMS AND CONDITIONS AS SET OUT IN OUR CURRENT PRICE SCHEDULE.

```
   CP 28.4           FILE  101        09-FEB-86 00:58
                     DATA ACQUIRED    09-FEB-86 05:05


               AFTER SURVEY TOOL CHECK SUMMARY

  PERFORMED:     09-FEB-86 05:55
  PROGRAM FILE: LEP     (VERSION    28.2A    85/07/10)

LDTC                       TOOL  CHECK

       DRS SONDE NUMBER                          :    2952
       NUCLEAR SERVICE CARTRIDGE NUMBER          :    1735
       POWERED DETECTOR HOUSING NUMBER           :    1927
       POWERED GAMMA-GAMMA DETECTOR NUMBER       :    1966
       LDT LOGGING SOURCE NUMBER                 :    6892
       LDT CALIBRATION MODE                      :    WATE
       MUD DENSITY                               :    14.3000   LB/G

           BACKGROUND MEASURED
           BEFORE          AFTER         UNITS
    LL     19.15           19.12          CPS
    LU     72.25           72.75          CPS
    LS     55.28           55.53          CPS
  LITH      5.449           5.54          CPS
   SS1     13.82           13.81          CPS
   SS2      9.531           9.46          CPS

CNTH                        TOOL  CHECK

                          JIG
                  BEFORE        AFTER
  NRAT            2.079         2.088

  POROSITY CHANGE  (LIME):   .002


               AFTER SURVEY TOOL CHECK SUMMARY

  PERFORMED:     09-FEB-86 00:01
  PROGRAM FILE: MEGDDB (VERSION    28.4    85/11/11)

CNTA                        TOOL  CHECK

                          JIG
                  BEFORE        AFTER
  NRAT            2.141         2.121

  POROSITY CHANGE  (LIME):  -.002
```

```
EVENT MARK SUMMARY:

OUTPUT  INTERVAL        DEPTH TRACK
        BETWEEN PIPS    EDGE

IHV     10.0000 F3      LEFT EDGE
```

5 cm

BS (IN)	PEF	DRHO(G/C3)
6.0000 16.000	0.0 40.000	-.2500 .25000
CALI(IN)	NPHI	
6.0000 16.000	.45000 -.1500	
GR (GAPI)	RHOB(G/C3)	
0.0 150.00	1.9500 2.9500	

```
   CP 28.4           FILE  101        09-FEB-86 00:23
                     DATA ACQUIRED    09-FEB-86 05:05
```