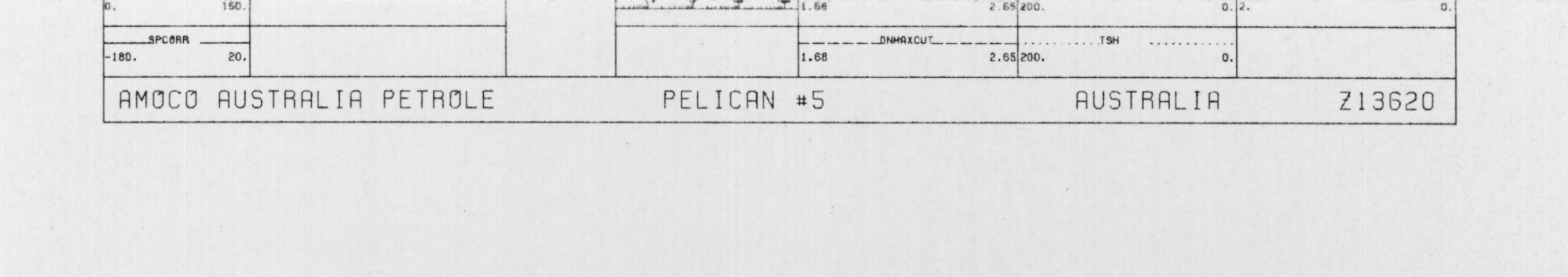

AMOCO AUSTRALIA PETROLE PELICAN #5 AUSTRALIA Z13620

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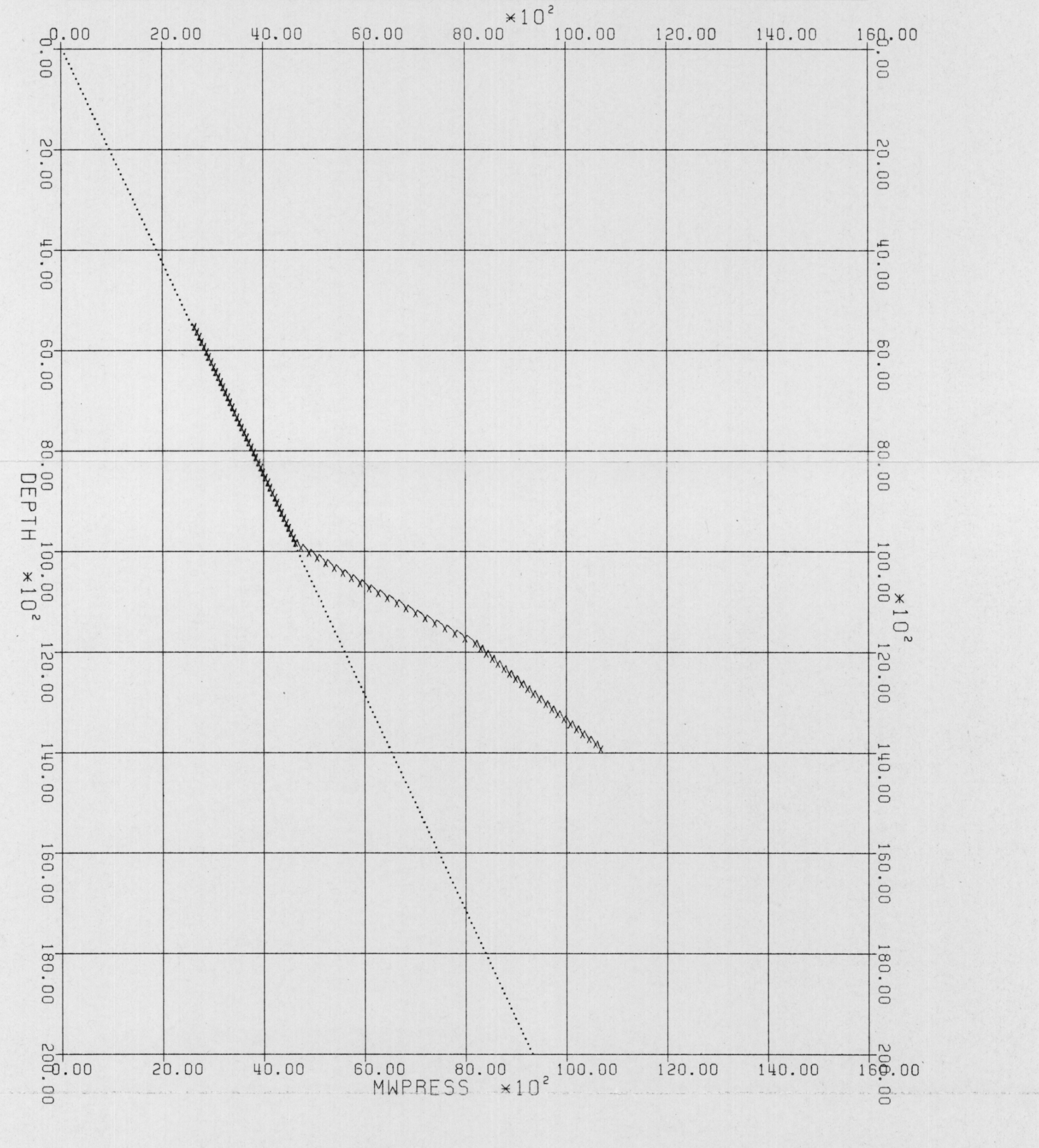
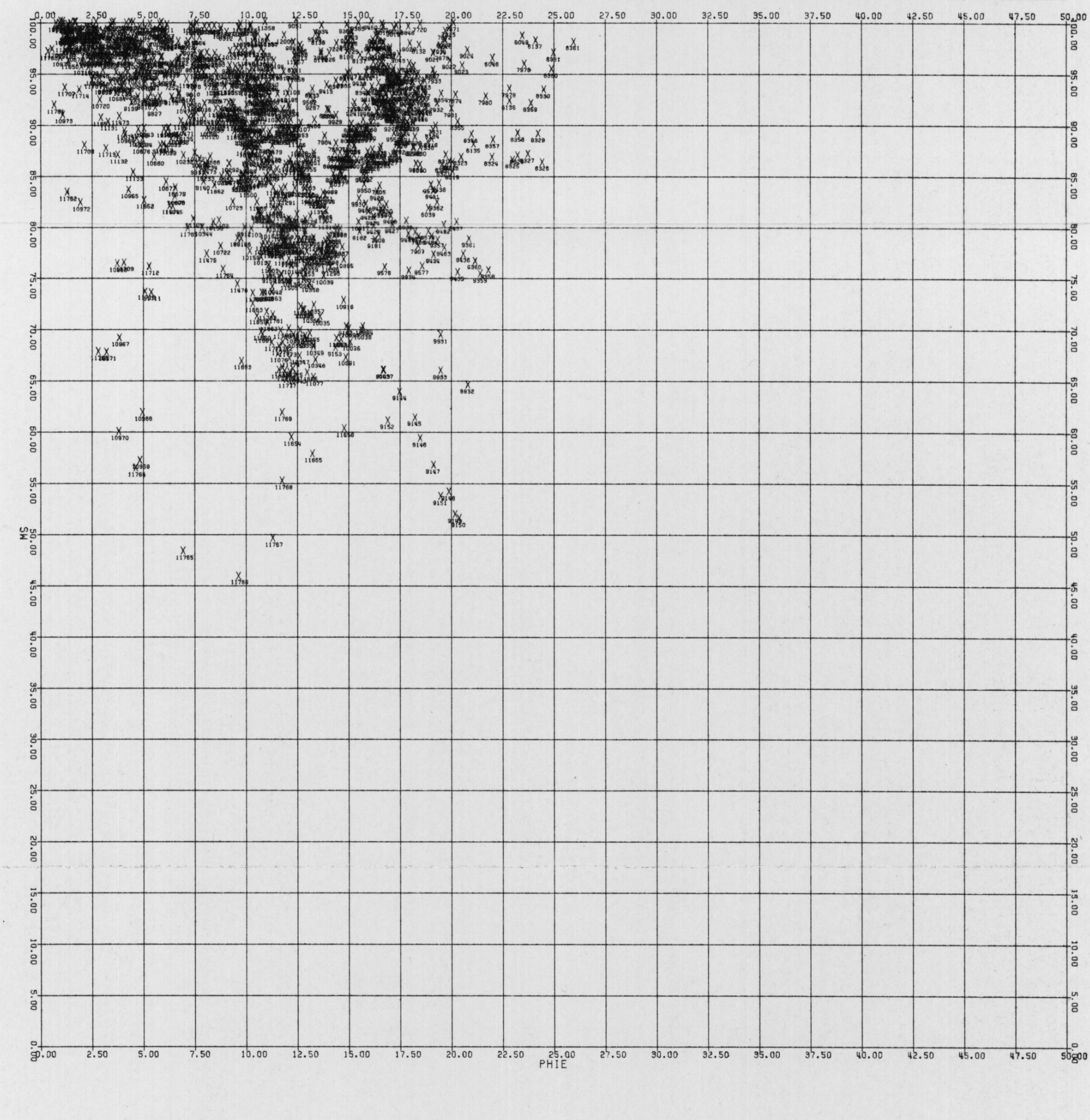
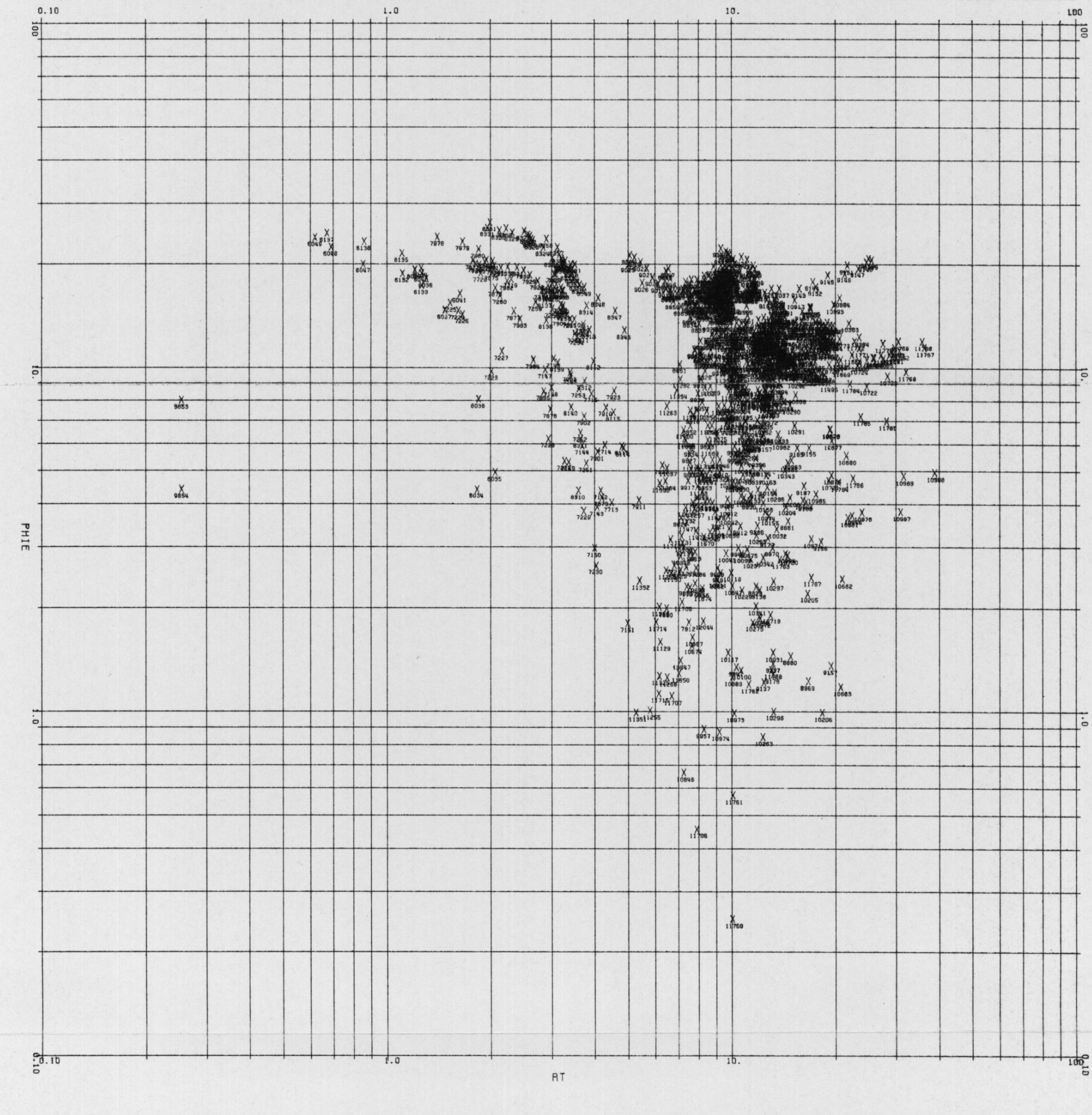
AMOCO AUSTRALIA PETROLE          PELICAN #5                AUSTRALIA        Z13620
PRESSURE VS DEPTH PLOTS
MUD WEIGHT , RFT AND DRILL STEM TEST PRESSURES
WILL BE PLOTTED IF AVAILABLE
SYMBOL X = INDICATED MUD WEIGHT PRESSURE
SYMBOL # = INDICATED RFT PRESSURE
SYMBOL 0 = INDICATED DST PRESSURE
XYTOP= 5599.00 XYBOT=13999.00 HOLGATE=NO   DATE=09/08/87
SYMBOL=X CONDITIONS=SAW2.EQ.100
    85 SYMBOL 'X' POINTS AVAIL AVERAGE MWPRES=  5688.03 AVERAGE DEPTH =  9799.00
JOB NAME=PEL500DD,  PLOT TAPE VOL. SER.=TD8706
```



```
AMOCO AUSTRALIA PETROLE          PELICAN #5                AUSTRALIA        Z13620
BUCKLES PLOT - ZONE ALL
XYTOP= 6034.00 XYBOT=12059.00 HOLGATE=NO   DATE=09/08/87
SYMBOL=X CONDITIONS=(SW.LT.100)
  1000 SYMBOL 'X' POINTS AVAIL AVERAGE PHIE  =    11.19 AVERAGE SW    =    88.34
JOB NAME=PEL500DD,  PLOT TAPE VOL. SER.=TD8706
```



```
AMOCO AUSTRALIA PETROLE          PELICAN #5                AUSTRALIA        Z13620
PICKETT PLOT - ZONE ALL
XYTOP= 6034.00 XYBOT=12059.00 HOLGATE=NO   DATE=09/08/87
SYMBOL=X CONDITIONS=(SW.LT.100)
  1000 SYMBOL 'X' POINTS AVAIL AVERAGE RT    =    10.57 AVERAGE PHIE  =    11.19
JOB NAME=PEL500DD,  PLOT TAPE VOL. SER.=TD8706
```



AMOCO PRODUCTION COMPANY

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AMOCO AUSTRALIA PETROLE          PELICAN #5                AUSTRALIA        Z13620
**************************************************************************
PLOT SCALE       = 1:      500.0000
DEPTH REFERENCE = MDEP
UNITS            = MTRS
*************** PROBABLE PAY ********************************************
   ZONE         ZONE TOP        ZONE BOT         NET            AVE.      AVE.
                                              PROBABLE PAY   POROSITY      SW
1  ALL         4266.9453       4266.9961
2
3
4
5
6
7
8
9
10
TOTAL PROBABLE PAY IN ACTIVE INTERVAL
      1705.9863      4266.9453
************** POSSIBLE PAY ********************************************
   ZONE         ZONE TOP        ZONE BOT          NET            AVE.        AVE.
                                              POSSIBLE PAY,   POROSITY      SW
1  ALL         4266.9453       4266.9961       51.8166        12.8001       71.0676
2
3
4
5
6
7
8
9
10
TOTAL POSSIBLE PAY IN ACTIVE INTERVAL
      1705.9863      4266.9453           51.8166        12.8001         71.0676
*********** NET LITHOLOGY THICKNESS  ***********************************
*************** BY DEFINED ZONES      ***********************************
        NET SAND       NET SHSD        NET SHALE     NET COAL    NET CARBONATE
1      661.4238       348.0857       1269.8123      213.9722      21.6411
2
3
4
5
6
7
8
9
10
TOTAL NET LITHOLOGY IN ACTIVE INTERVAL
ACTIVE TOP=   1705.9863,  ACTIVE BOT =    4266.9453
       661.4238       348.0857       1269.8123       213.9722        21.6411
***************************************************************************
*     SUMMARY OF IMPORTANT CONSTANTS USED AND/OR COMPUTED IN THIS ANALYSIS    *
* -------------------------------------------------------                     *
* -----------------PAY CUTOFFS-----------------------------                   *
* THICKNESS GREATER THAN 3 FEET (1 METER)                                     *
* PROBABLE PAY: SW LESS THAN 50%                                              *
* POSSIBLE PAY: SW GREATER THAN 50% BUT LESS THAN 80%                         *
* -----------CONSTANTS USED FOR SW CALCULATION------------                    *
*      A=       0.8100                                                        *
*      M=            2                                                        *
*      N=            2                                                        *
*  METHOD USED TO COMPUTE VSH                                                 *
*    1. GAMMA RAY           =YES                                              *
*    2. SP                  =NO                                               *
*    3. RHOMAA              =NO                                               *
*    4. TMAA                =NO                                               *
*  METHOD USED TO COMPUTE SW                                                  *
*    1. ARCHIE=             =NO                                               *
*    2. DUAL WATER          =YES                                              *
*    3. MODIFIED SIMANDOUX=NO                                                 *
* ----------------- CURVE DEFINITIONS -------------------                     *
* GRCORR : GR CORRECTED FOR HOLE SIZE AND MUDWEIGHT                           *
* SPCORR : SP CORRECTED FOR DRIFT                                             *
* CL      : CALIPER FROM RESISTIVITY TOOL                                     *
* VSH     : VOLUME OF SHALE                                                   *
* RT      : DEEP RESISTIVITY - CORRECTED FOR BOREHOLE ENVIRONMENT             *
* RXO     : SHALLOW RESISTIVITY - CORRECTED FOR BOREHOLE ENVIRONMENT          *
* PHIE    : PHIE - PHIND X (1-VSH)                                            *
* BVW     : PHIE X SW                                                         *
* BVWXO   : PHIE X SXO                                                        *
***************************************************************************
DATE=09/08/87
```