OR-277

BASS BASIN

COMPUTER LOG ANALYSIS DISPLAYS
PART-3
PELICAN 1

Aug. 1987	R-87-051, Appendix F
P Stokes	Enclosure: 10

313740

5 cm

AMOCO PRODUCTION COMPANY

ESSO PELICAN 1 Z10920
DATE=09/04/87

ESSO PELICAN 1 Z10920

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 ESSO                              PELICAN 1                        Z10920
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= 5799.00 XYBOT=10399.00 HOLGATE=NO   DATE=09/04/87
SYMBOL=X CONDITIONS=SAW2.EQ.100
    47 SYMBOL 'X' POINTS AVAIL AVERAGE MWPRES=  3756.71 AVERAGE DEPTH =  8099.00
JOB NAME=PEL100CC,  PLOT TAPE VOL. SER.=TD8738
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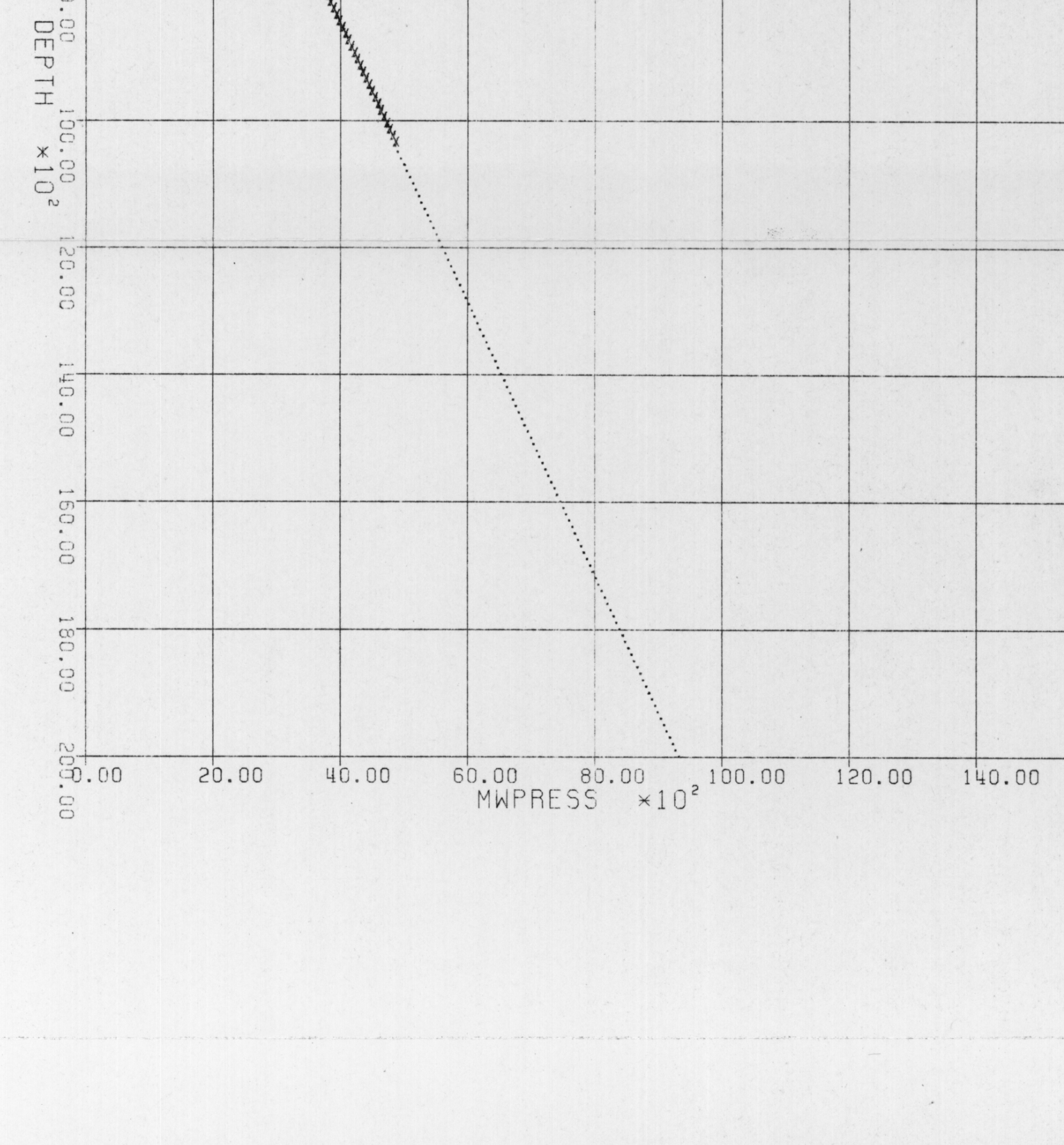

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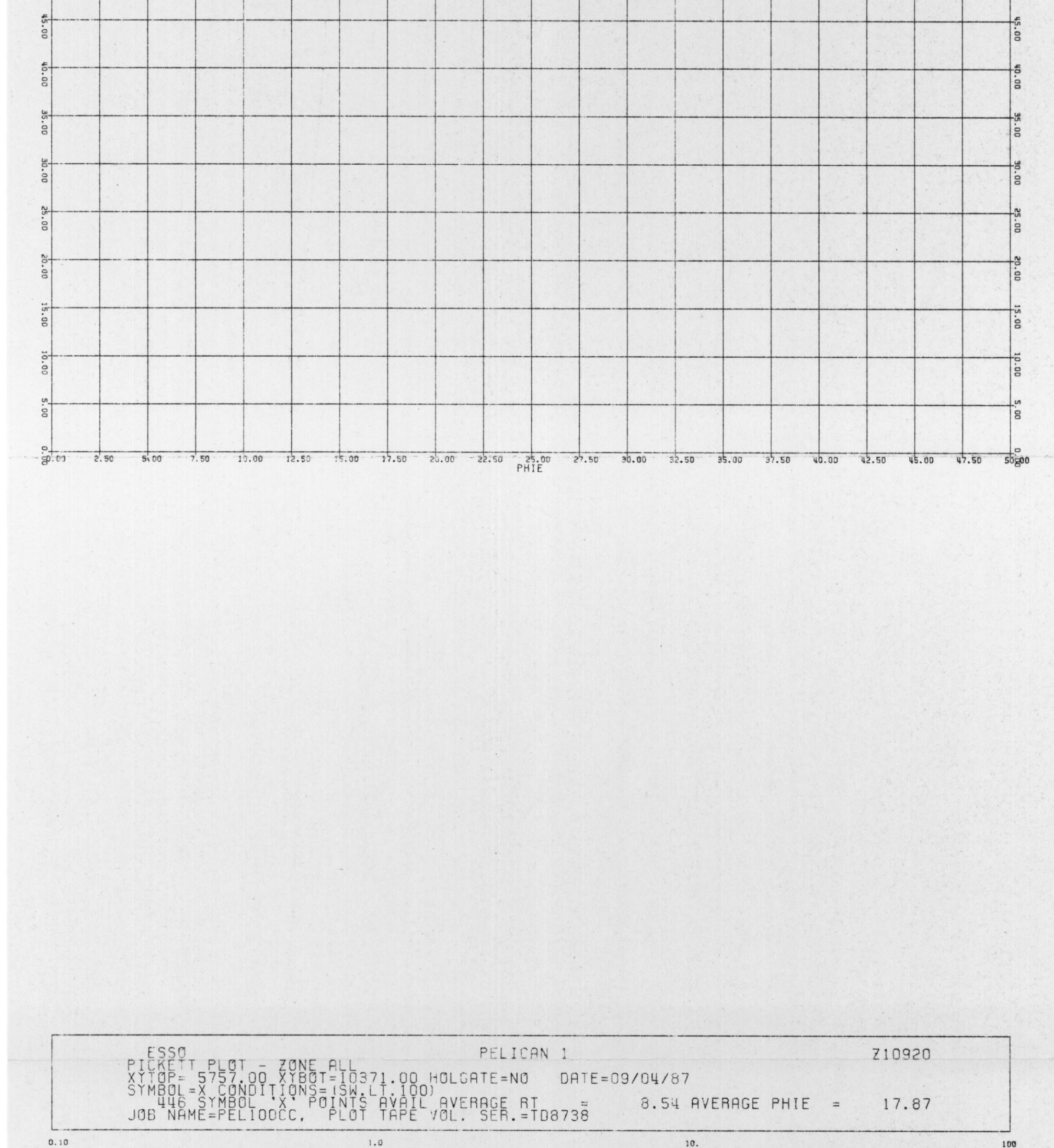
 ESSO                              PELICAN 1                        Z10920
BUCKLES PLOT - ZONE ALL
XYTOP= 5757.00 XYBOT=10371.00 HOLGATE=NO   DATE=09/04/87
SYMBOL=X CONDITIONS=(SW.LT.100)
   446 SYMBOL 'X' POINTS AVAIL AVERAGE PHIE  =     17.87 AVERAGE SW    =     80.16
JOB NAME=PEL100CC,   PLOT TAPE VOL. SER.=TD8738
```



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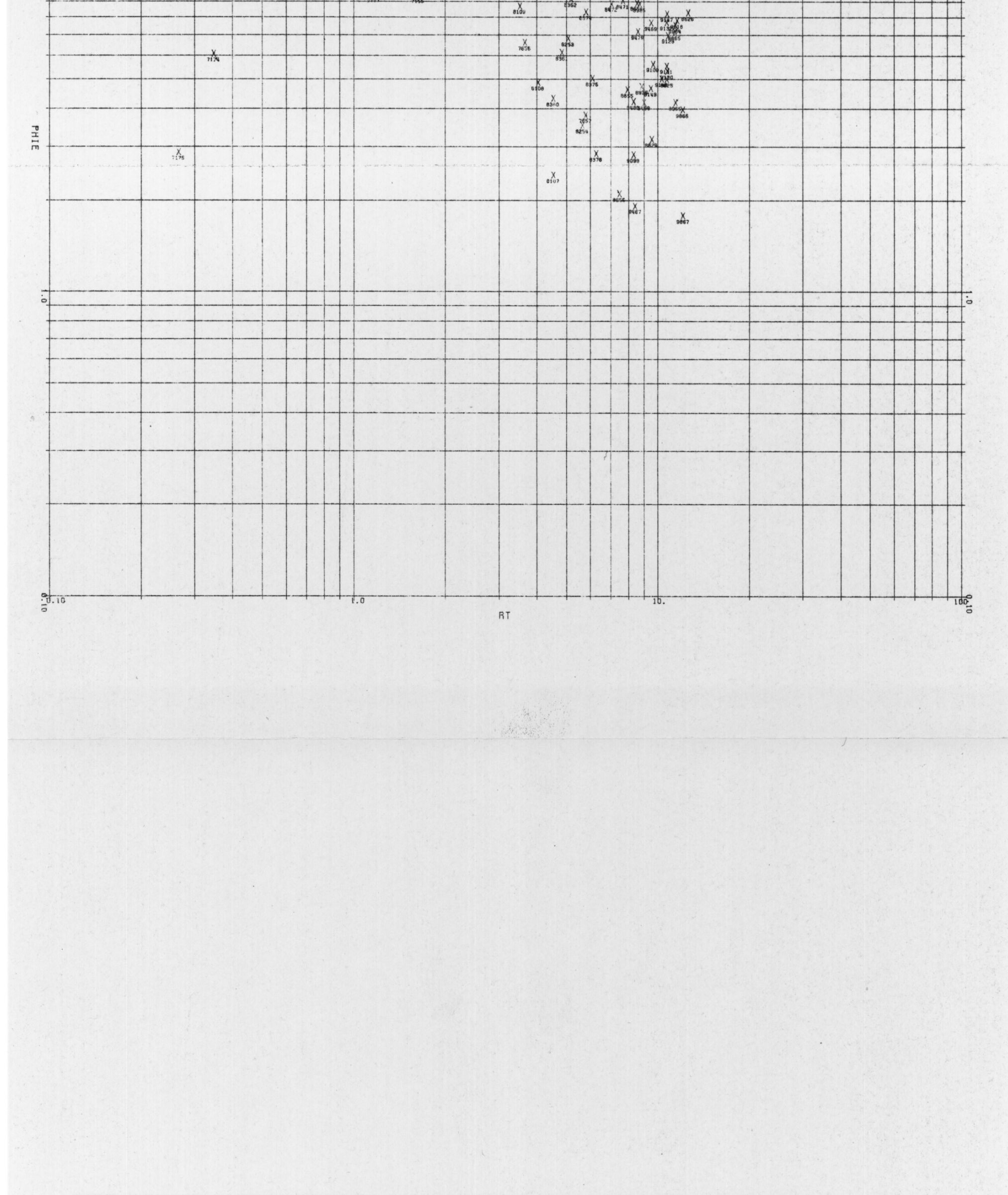
 ESSO                              PELICAN 1                        Z10920
PICKETT PLOT - ZONE ALL
XYTOP= 5757.00 XYBOT=10371.00 HOLGATE=NO   DATE=09/04/87
SYMBOL=X CONDITIONS=(SW.LT.100)
   446 SYMBOL 'X' POINTS AVAIL AVERAGE RT      =     8.54 AVERAGE PHIE  =     17.87
JOB NAME=PEL100CC,   PLOT TAPE VOL. SER.=TD8738
```



AMOCO PRODUCTION COMPANY

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 ESSO                              PELICAN 1                              Z10920
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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        1737.3811      3178.4932
2
3
4
5
6
7
8
9
10
TOTAL PROBABLE PAY IN ACTIVE INTERVAL
      1737.3811      3178.4932
************* POSSIBLE PAY ************************************************
   ZONE         ZONE TOP       ZONE BOT          NET           AVE.        AVE.
                                           POSSIBLE PAY,  POROSITY    SW
1  ALL        1737.3811      3178.4932     60.6559       22.0713      68.1694
2
3
4
5
6
7
8
9
10
TOTAL POSSIBLE PAY IN ACTIVE INTERVAL
      1737.3811      3178.4932         60.6559       22.0713        68.1694
*********** NET LITHOLOGY THICKNESS  **************************************
*********** BY DEFINED ZONES         **************************************
       NET SAND       NET SHSD        NET SHALE     NET COAL    NET CARBONATE
1      396.2446       249.0246        691.5996      96.3180       3.6576
2
3
4
5
6
7
8
9
10
TOTAL NET LITHOLOGY IN ACTIVE INTERVAL
ACTIVE TOP=    1737.3811,  ACTIVE BOT =    3178.4932
      396.2446       249.0246        691.5996      96.3180         3.6576
****************************************************************************
*     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         =NO                                               *
*   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=09/04/87
```