OR-277

313721

5 cm

Amoco Australia Petroleum Company

BASS BASIN

COMPUTER LOG ANALYSIS DISPLAYS

KONKON-1
PART-1

Aug. 1987	R-87-051, Appendix F
P. Stokes	Enclosure: 6

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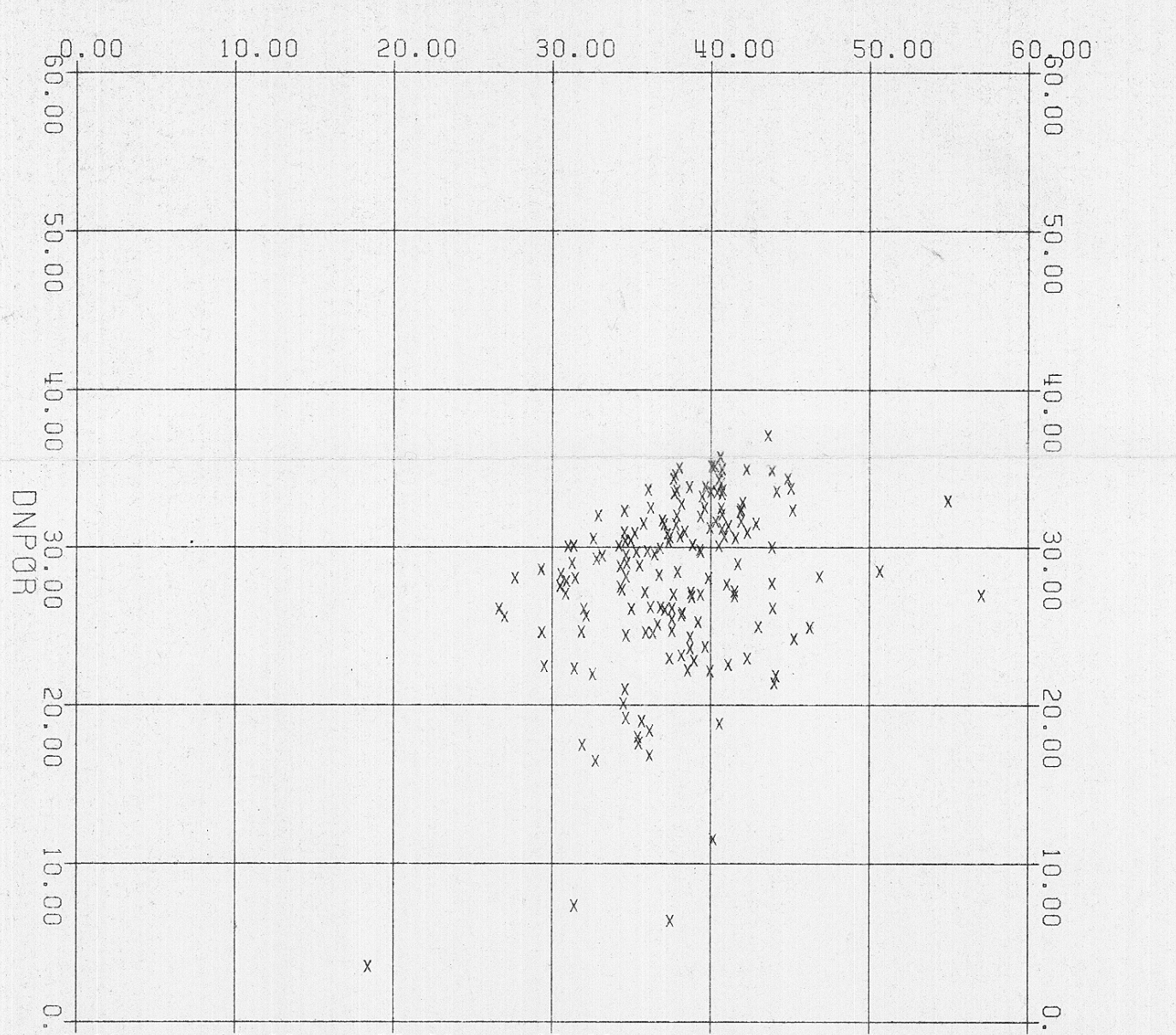
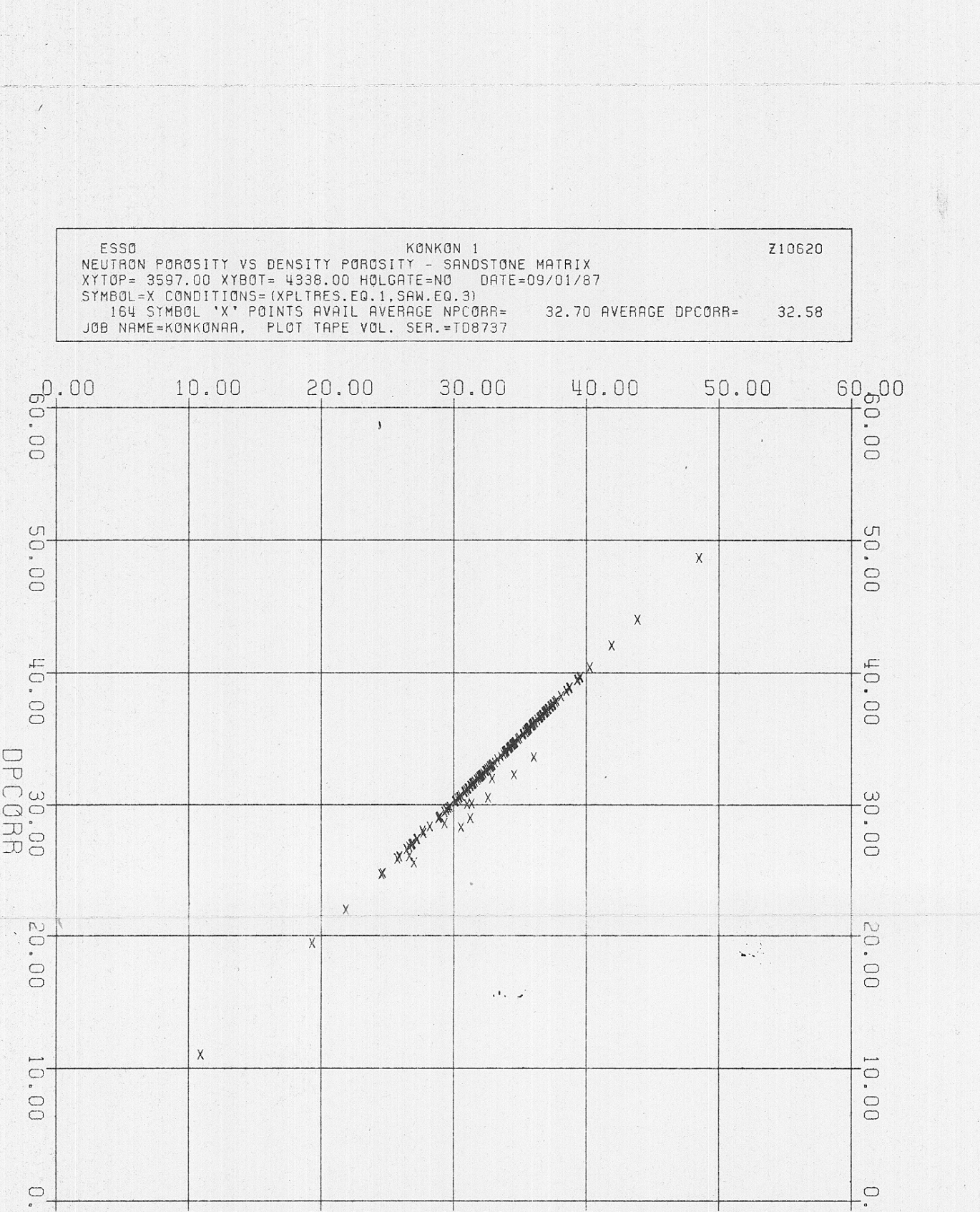
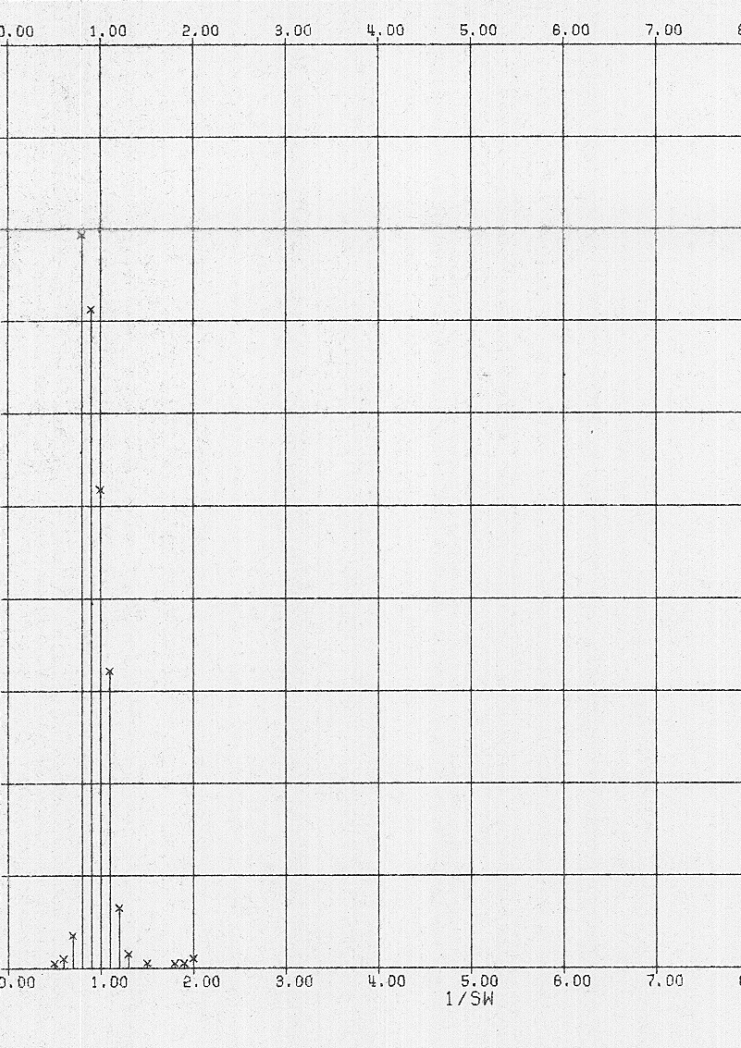
   ESSO                              KONKON 1                          Z10620
 NEUTRON POROSITY VS DENSITY POROSITY - SANDSTONE MATRIX
 XYTOP= 3597.00 XYBOT= 4338.00 HOLGATE=NO   DATE=09/01/87
 SYMBOL=X CONDITIONS=(XPLTRES.EQ.1,SAW.EQ.3)
    163 SYMBOL 'X' POINTS AVAIL AVERAGE NCNPSC=    37.55 AVERAGE DNPOR =    27.53
 JOB NAME=KONKONAA,  PLOT TAPE VOL. SER.=TD8737
```



```
   ESSO                              KONKON 1                          Z10620
 NEUTRON POROSITY VS DENSITY POROSITY - SANDSTONE MATRIX
 XYTOP= 3597.00 XYBOT= 4338.00 HOLGATE=NO   DATE=09/01/87
 SYMBOL=X CONDITIONS=(XPLTRES.EQ.1,SAW.EQ.3)
    164 SYMBOL 'X' POINTS AVAIL AVERAGE NPCORR=    32.70 AVERAGE DPCORR=    32.58
 JOB NAME=KONKONAA,  PLOT TAPE VOL. SER.=TD8737
```



```
   ESSO                              KONKON 1                          Z10620
 SW HISTOGRAM
 XYTOP= 3597.00 XYBOT= 4448.00 HOLGATE=NO   DATE=09/01/87
 SYMBOL=X CONDITIONS=XPLTRES.EQ.1
    498 SYMBOL 'X' POINTS AVAILABLE.
 AVERAGE SWA   =      0.9806  XMODE=      0.8687  YMODE=     31.7259
 JOB NAME=KONKONAA,  PLOT TAPE VOL. SER.=TD8737
```

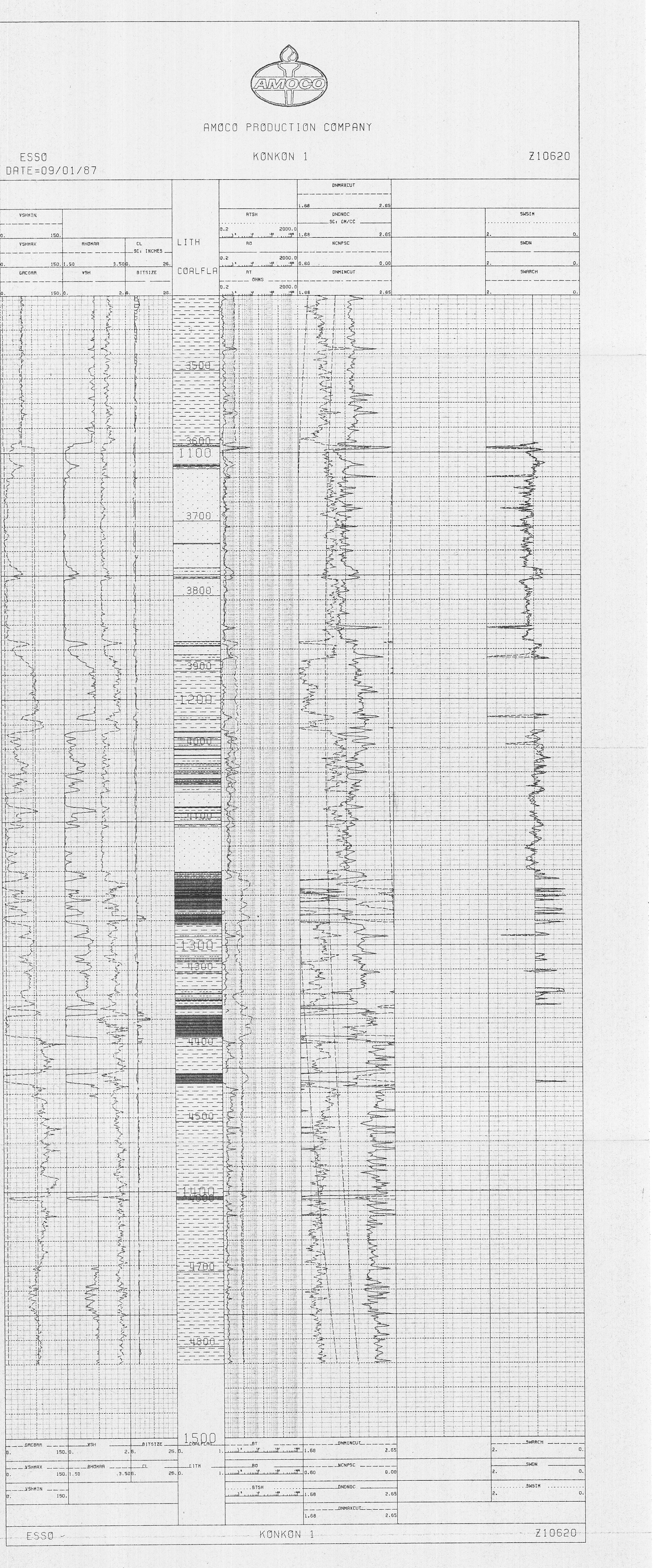


AMOCO PRODUCTION COMPANY

ESSO
DATE=09/01/87

KONKON 1

Z10620



ESSO

KONKON 1

Z10620

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 ESSO                      KONKON 1                 Z10620
 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 8 = INDICATED DST PRESSURE
 XYTOP= 3498.00 XYBOT= 4798.00 HOLGATE=NO  DATE=09/01/87
 SYMBOL=X CONDITIONS=SAWS.EQ.100
    14 SYMBOL 'X' POINTS AVAIL AVERAGE MWPRES=  1849.00 AVERAGE DEPTH =  4140.00
 JOB NAME=KONKONAA  PLOT TAPE VOL. SER.=TD8737
```
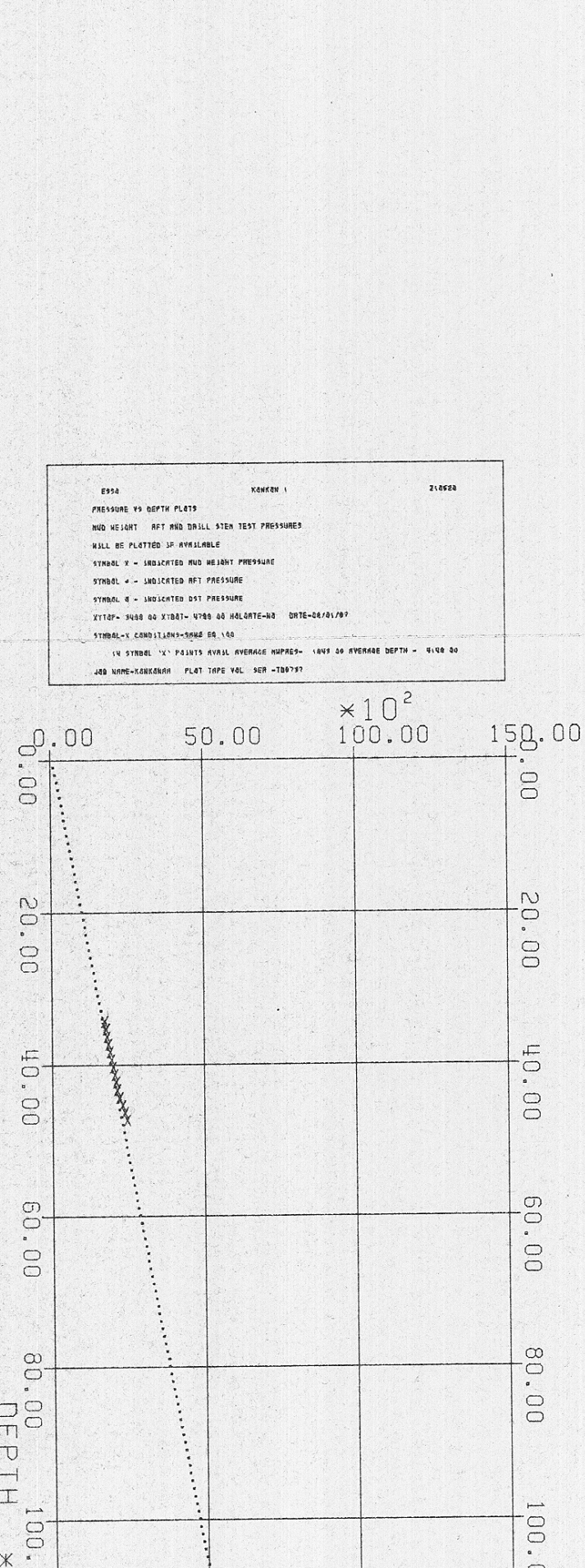
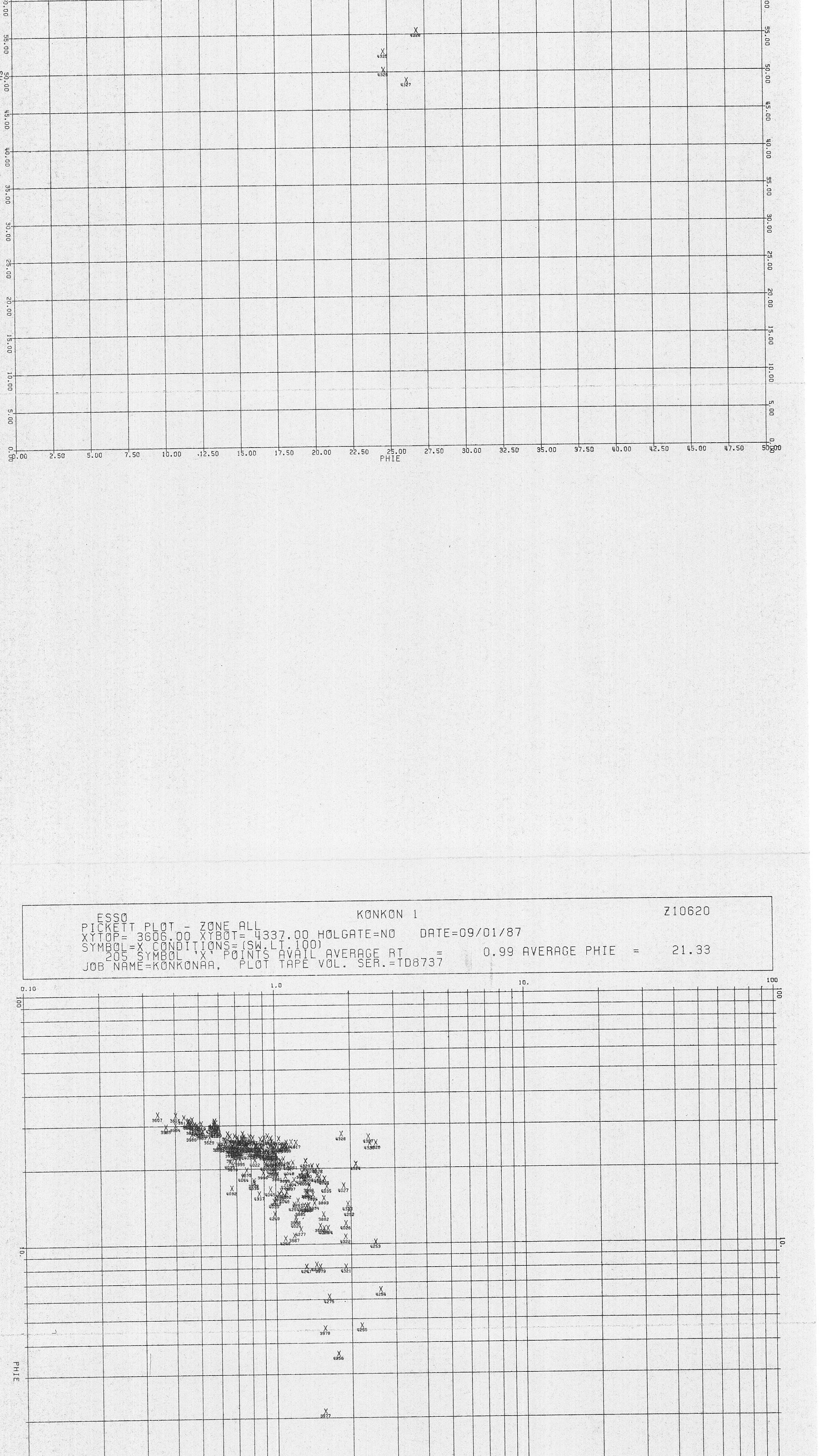
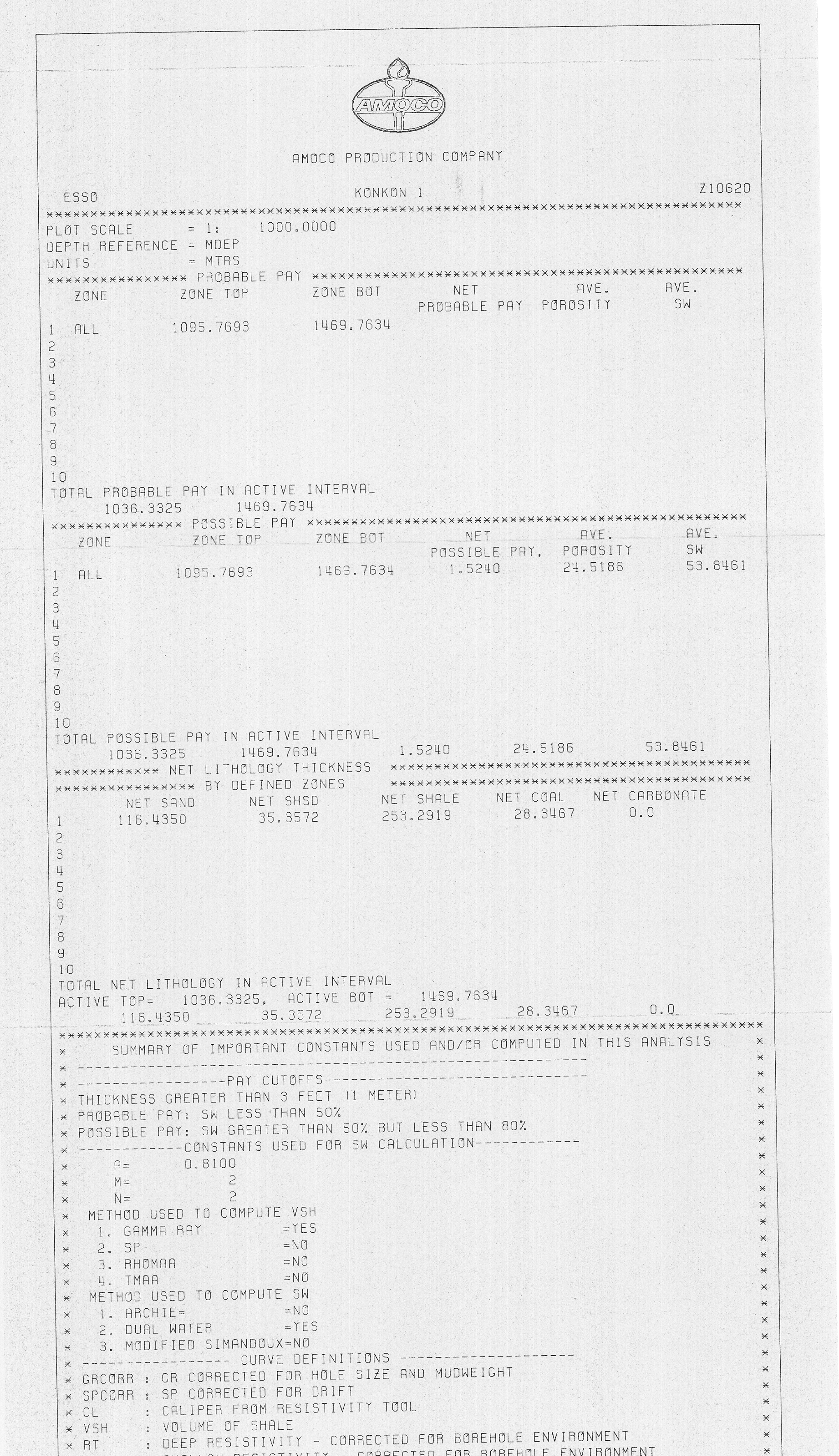



```
   ESSO                              KONKON 1                          Z10620
 BUCKLES PLOT - ZONE ALL
 XYTOP= 3606.00 XYBOT= 4337.00 HOLGATE=NO   DATE=09/01/87
 SYMBOL=X CONDITIONS=(SW.LT.100)
    205 SYMBOL 'X' POINTS AVAIL AVERAGE PHIE  =    21.33 AVERAGE SW    =    90.69
 JOB NAME=KONKONAA,  PLOT TAPE VOL. SER.=TD8737
```



```
   ESSO                              KONKON 1                          Z10620
 PICKETT PLOT - ZONE ALL
 XYTOP= 3606.00 XYBOT= 4337.00 HOLGATE=NO   DATE=09/01/87
 SYMBOL=X CONDITIONS=(SW.LT.100)
    205 SYMBOL 'X' POINTS AVAIL AVERAGE RT    =     0.99 AVERAGE PHIE  =    21.33
 JOB NAME=KONKONAA,  PLOT TAPE VOL. SER.=TD8737
```



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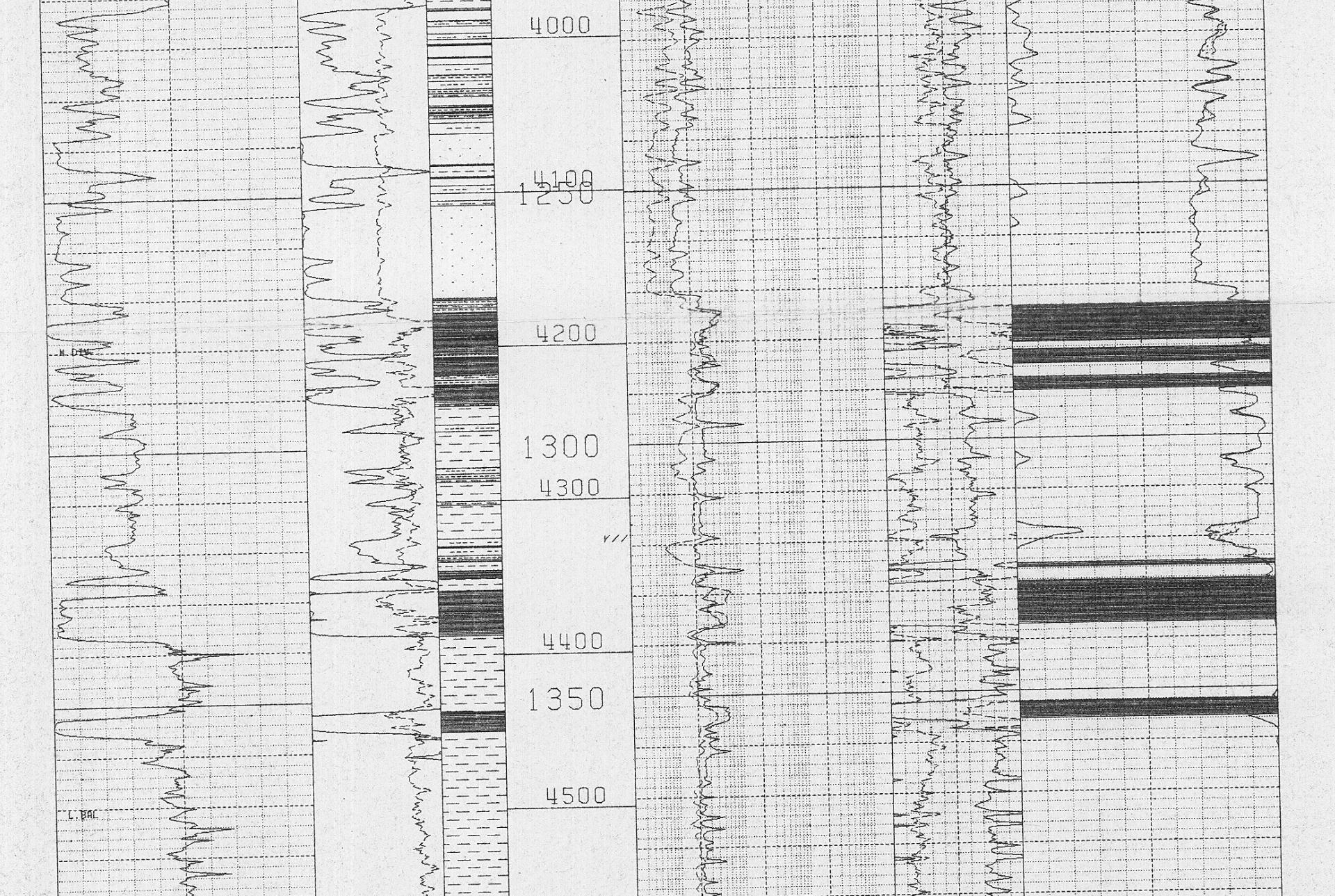```
 ESSO                            KONKON 1                            Z10620
 ************************************************************************
 PLOT SCALE        = 1:     1000.0000
 DEPTH REFERENCE = MDEP
 UNITS             = MTRS
 *************** PROBABLE PAY **************************************************
   ZONE          ZONE TOP        ZONE BOT          NET           AVE.        AVE.
                                               PROBABLE PAY  POROSITY        SW
 1  ALL         1095.7693       1469.7634
 2
 3
 4
 5
 6
 7
 8
 9
 10
 TOTAL PROBABLE PAY IN ACTIVE INTERVAL
      1036.3325       1469.7634
 ************** POSSIBLE PAY ***************************************************
   ZONE           ZONE TOP        ZONE BOT          NET          AVE.         AVE.
                                               POSSIBLE PAY,  POROSITY        SW
 1  ALL         1095.7693       1469.7634       1.5240        24.5186       53.8461
 2
 3
 4
 5
 6
 7
 8
 9
 10
 TOTAL POSSIBLE PAY IN ACTIVE INTERVAL
      1036.3325       1469.7634           1.5240        24.5186          53.8461
 *********** NET LITHOLOGY THICKNESS  ******************************************
 *************** BY DEFINED ZONES      ******************************************
        NET SAND       NET SHSD        NET SHALE     NET COAL    NET CARBONATE
 1      116.4350        35.3572        253.2919       28.3467       0.0
 2
 3
 4
 5
 6
 7
 8
 9
 10
 TOTAL NET LITHOLOGY IN ACTIVE INTERVAL
 ACTIVE TOP=   1036.3325,  ACTIVE BOT =   1469.7634
       116.4350        35.3572        253.2919       28.3467        0.0
 ******************************************************************************
 *     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=09/01/87
```