Amoco Australia Petroleum Company

# BASS BASIN

## COMPUTER LOG ANALYSIS DISPLAYS
## CORMORANT-1
## PART-1

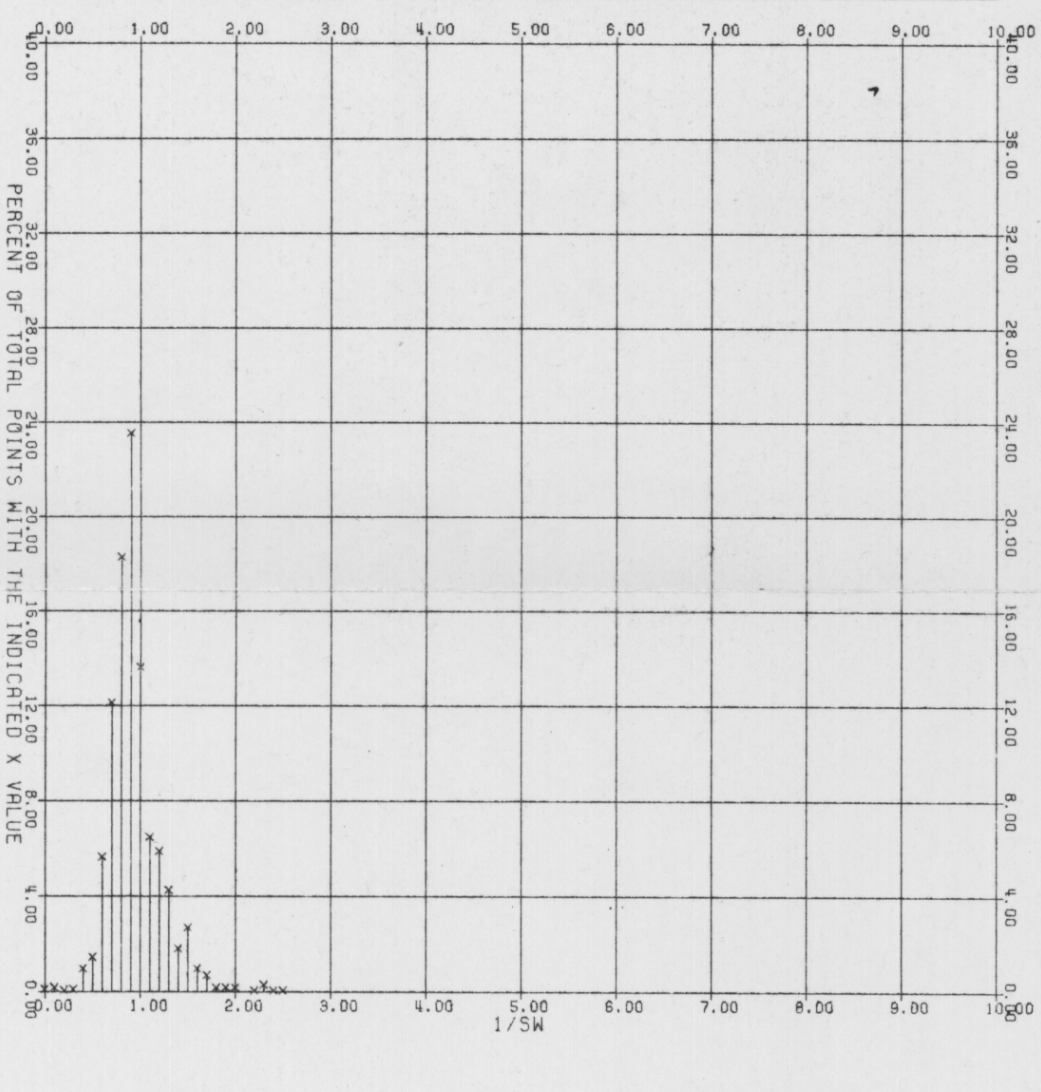
| | |
|---|---|
| Aug. 1987 | R-87-051, Appendix F |
| P. Stokes | Enclosure: 3 |

OR-277

313707

5 cm

```
ESSO                              CORMORANT 1                    Z11720
SW HISTOGRAM
XYTOP= 4090.00 XYBOT= 9829.00 HOLGATE=NO   DATE=08/29/87
SYMBOL=X CONDITIONS=XPLTRES.EQ.1
  1712 SYMBOL 'X' POINTS AVAILABLE.
AVERAGE SWA    =      0.9864  XMODE=      0.9524  YMODE=      23.5395
JOB NAME=CORMOOBB,  PLOT TAPE VOL. SER.=TD8726
```



AMOCO PRODUCTION COMPANY

ESSO
DATE=08/29/87

CORMORANT 1

Z11720

ESSO CORMORANT 1 Z11720

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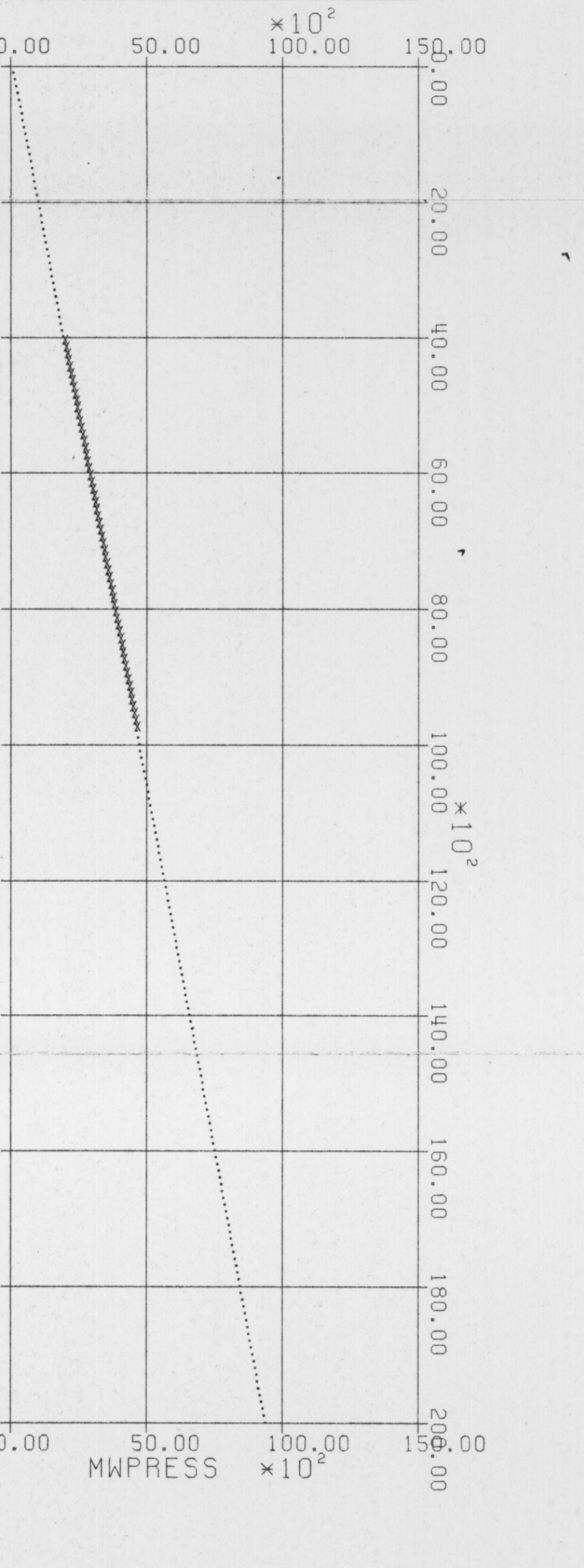
ESSO                                CORMORANT 1                    Z11720
PRESSURE VS DEPTH PLOTS
MUD WEIGHT  RFT AND DRILL STEM TEST PRESSURES
WILL BE PLOTTED IF AVAILABLE
SYMBOL X - INDICATED MUD WEIGHT PRESSURE
SYMBOL * - INDICATED RFT PRESSURE
SYMBOL # - INDICATED DST PRESSURE
XYTOP= [illegible] XYBOT= [illegible] HOLGATE=NO   DATE=08/29/87
SYMBOL=X CONDITIONS=[illegible]
   [illegible] SYMBOL 'X' POINTS AVAIL AVERAGE MWPRES= [illegible] AVERAGE DEPTH = [illegible]
JOB NAME=CORMOOBB  PLOT TAPE VOL  SER.=TD8726
```



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  ESSO                              CORMORANT 1                    Z11720
BUCKLES PLOT - ZONE ALL
XYTOP= 4090.00 XYBOT= 9167.00 HOLGATE=NO    DATE=08/29/87
SYMBOL=X CONDITIONS=(SW.LT.100)
   678 SYMBOL 'X' POINTS AVAIL AVERAGE PHIE  =      19.59 AVERAGE SW    =     82.92
JOB NAME=CORMOOBB,  PLOT TAPE VOL. SER.=TD8726
```

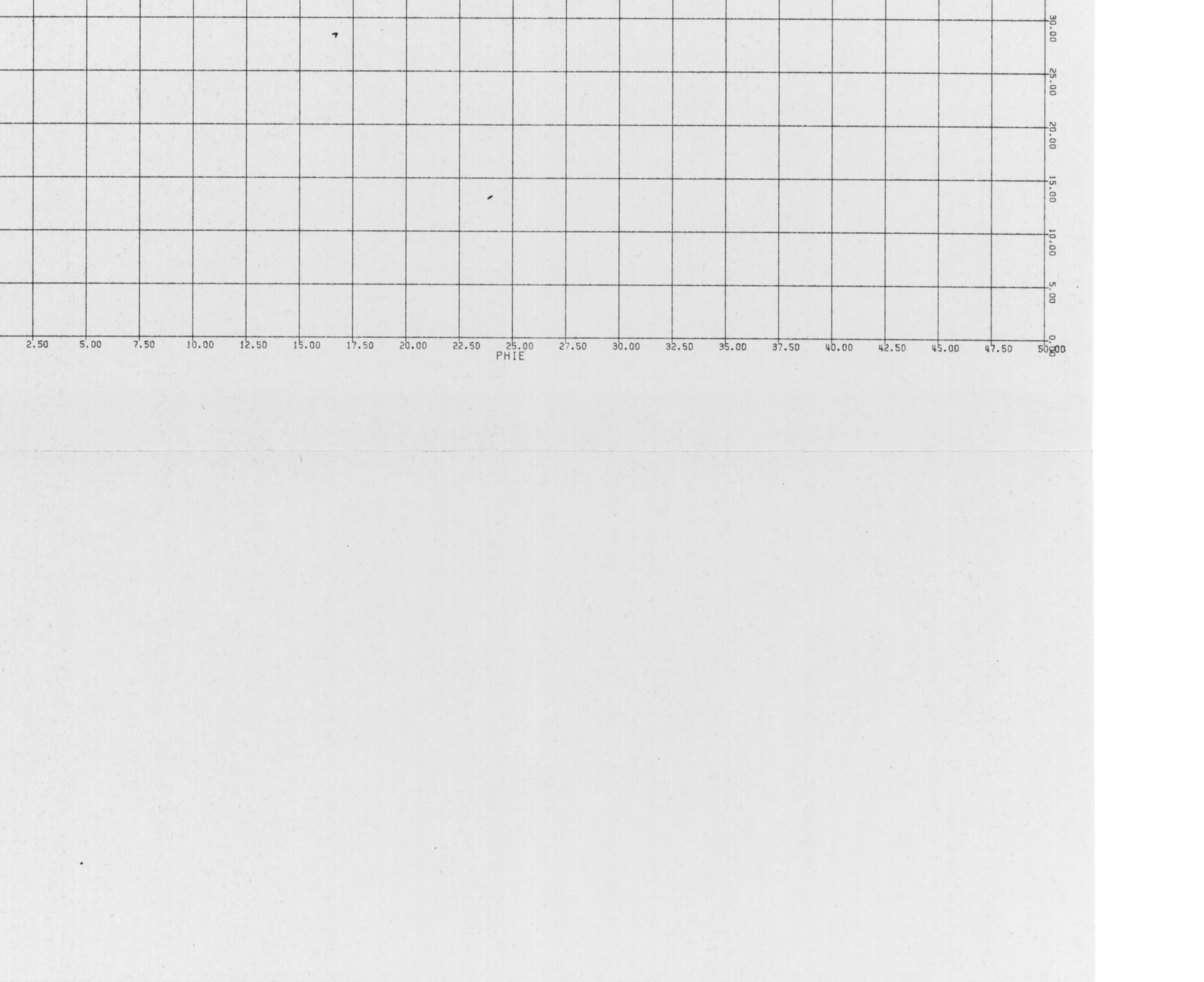

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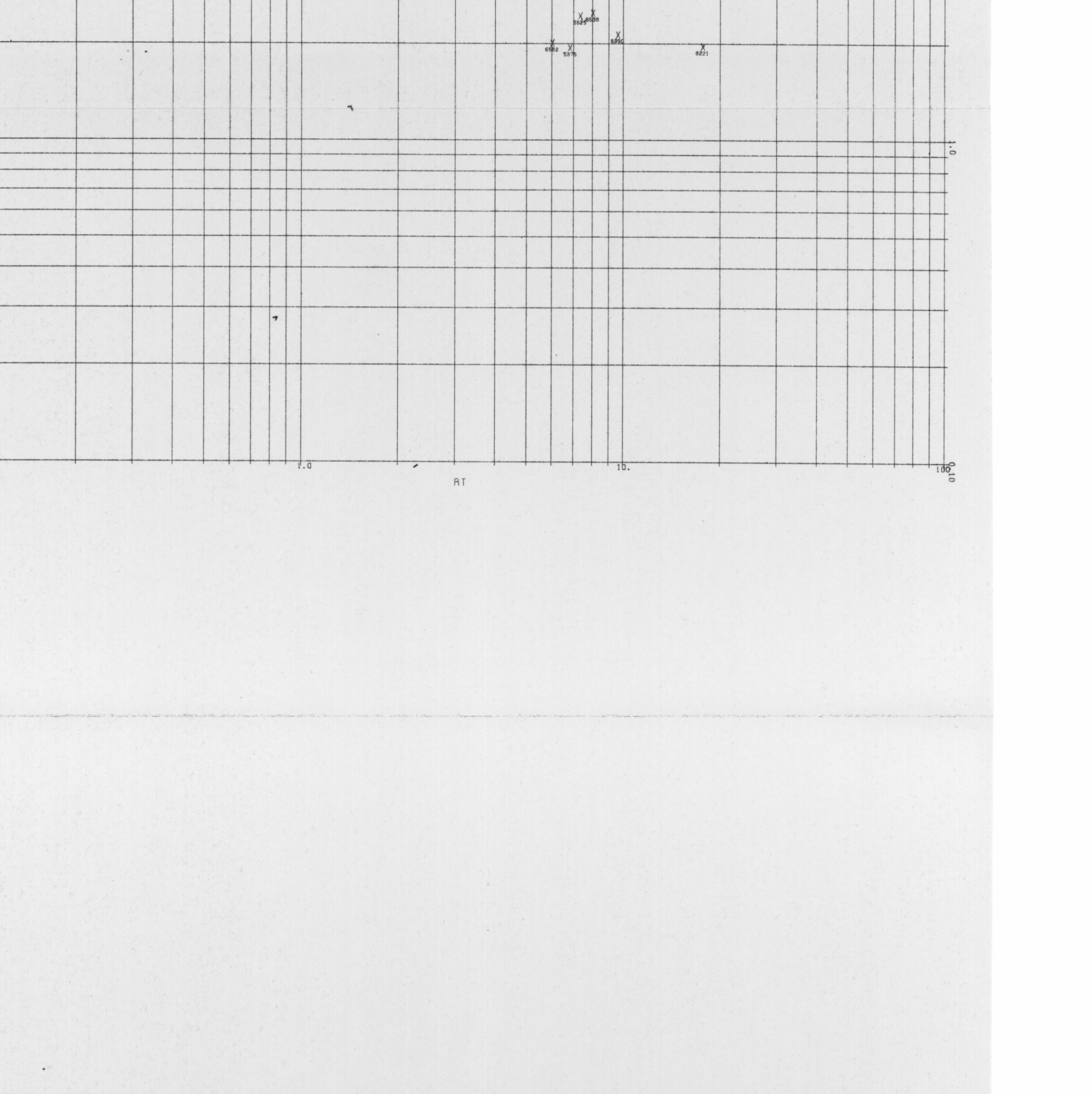
  ESSO                              CORMORANT 1                    Z11720
PICKETT PLOT - ZONE ALL
XYTOP= 4090.00 XYBOT= 9167.00 HOLGATE=NO    DATE=08/29/87
SYMBOL=X CONDITIONS=(SW.LT.100)
   678 SYMBOL 'X' POINTS AVAIL AVERAGE RT    =      5.85 AVERAGE PHIE  =     19.59
JOB NAME=CORMOOBB,  PLOT TAPE VOL. SER.=TD8726
```



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  ESSO                              CORMORANT 1                              Z11720
*******************************************************************************
PLOT SCALE        = 1:      600.0000
DEPTH REFERENCE = MDEP
UNITS             = MTRS
*************** PROBABLE PAY ***********************************************
   ZONE          ZONE TOP        ZONE BOT          NET           AVE.         AVE.
                                               PROBABLE PAY   POROSITY        SW
1  ALL        1246.6470        3000.7925        2.1336        22.5873        44.2054
2
3
4
5
6
7
8
9
10
TOTAL PROBABLE PAY IN ACTIVE INTERVAL
      1246.6470      2995.9155            2.1336        22.5873          44.2054
************** POSSIBLE PAY ************************************************
   ZONE          ZONE TOP        ZONE BOT           NET           AVE.         AVE.
                                               POSSIBLE PAY,   POROSITY        SW
1  ALL        1246.6470        3000.7925       67.0568        22.8178        69.5913
2
3
4
5
6
7
8
9
10
TOTAL POSSIBLE PAY IN ACTIVE INTERVAL
      1246.6470      2995.9155           67.0568        22.8178          69.5913
*********** NET LITHOLOGY THICKNESS  ***************************************
************** BY DEFINED ZONES      ***************************************
        NET SAND        NET SHSD        NET SHALE     NET COAL    NET CARBONATE
1       263.0454        255.7303       957.3884      194.4648       3.0480
2
3
4
5
6
7
8
9
10
TOTAL NET LITHOLOGY IN ACTIVE INTERVAL
ACTIVE TOP=   1246.6470,  ACTIVE BOT =   2995.9155
        263.0454        255.7303       957.3884      194.4648       3.0480
*******************************************************************************
*     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                                                        *
```