9

OR-277

Amoco Australia Petroleum Company

BASS BASIN

COMPUTER LOG ANALYSIS DISPLAYS

PART-2

PELICAN-4

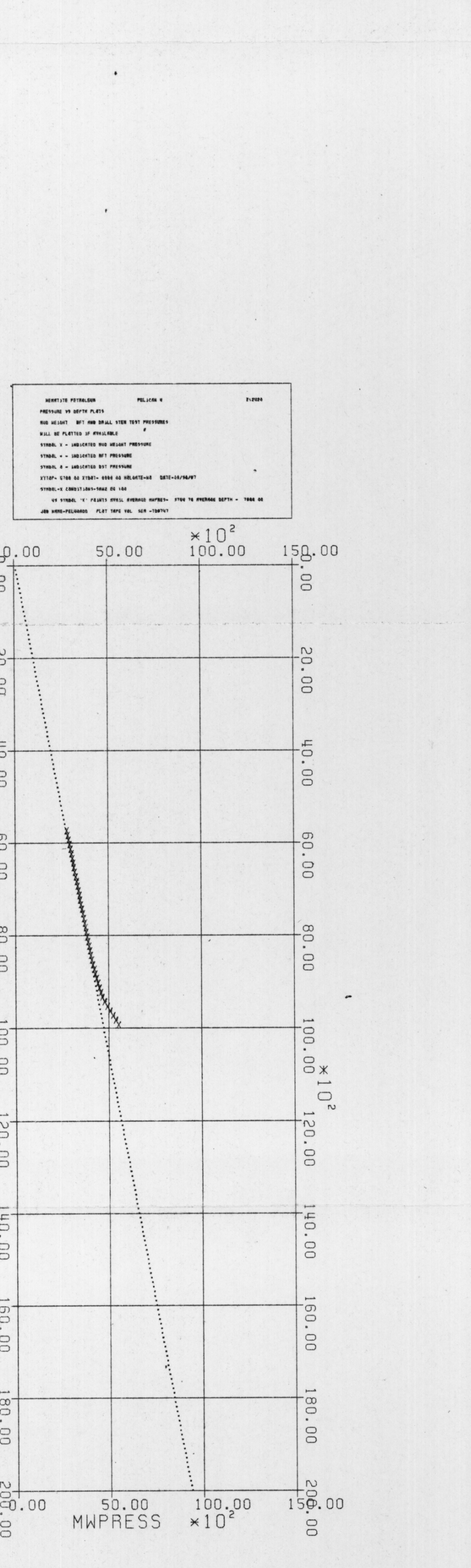
Aug. 1987	R-87-051, Appendix F
P. Stokes	Enclosure: 13

5 cm

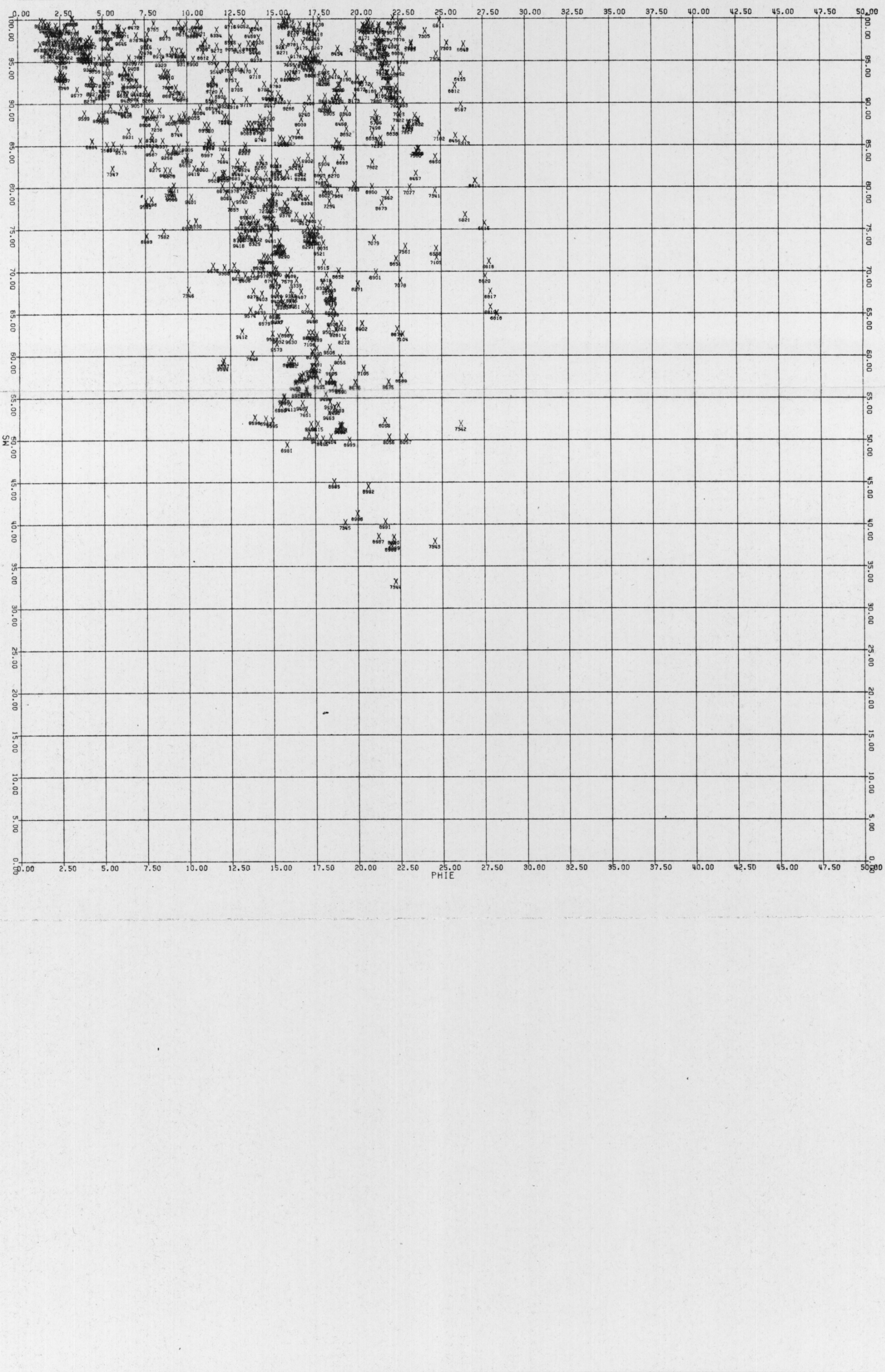
AMOCO PRODUCTION COMPANY

HEMATITE PETROLEUM PELICAN 4 Z12420

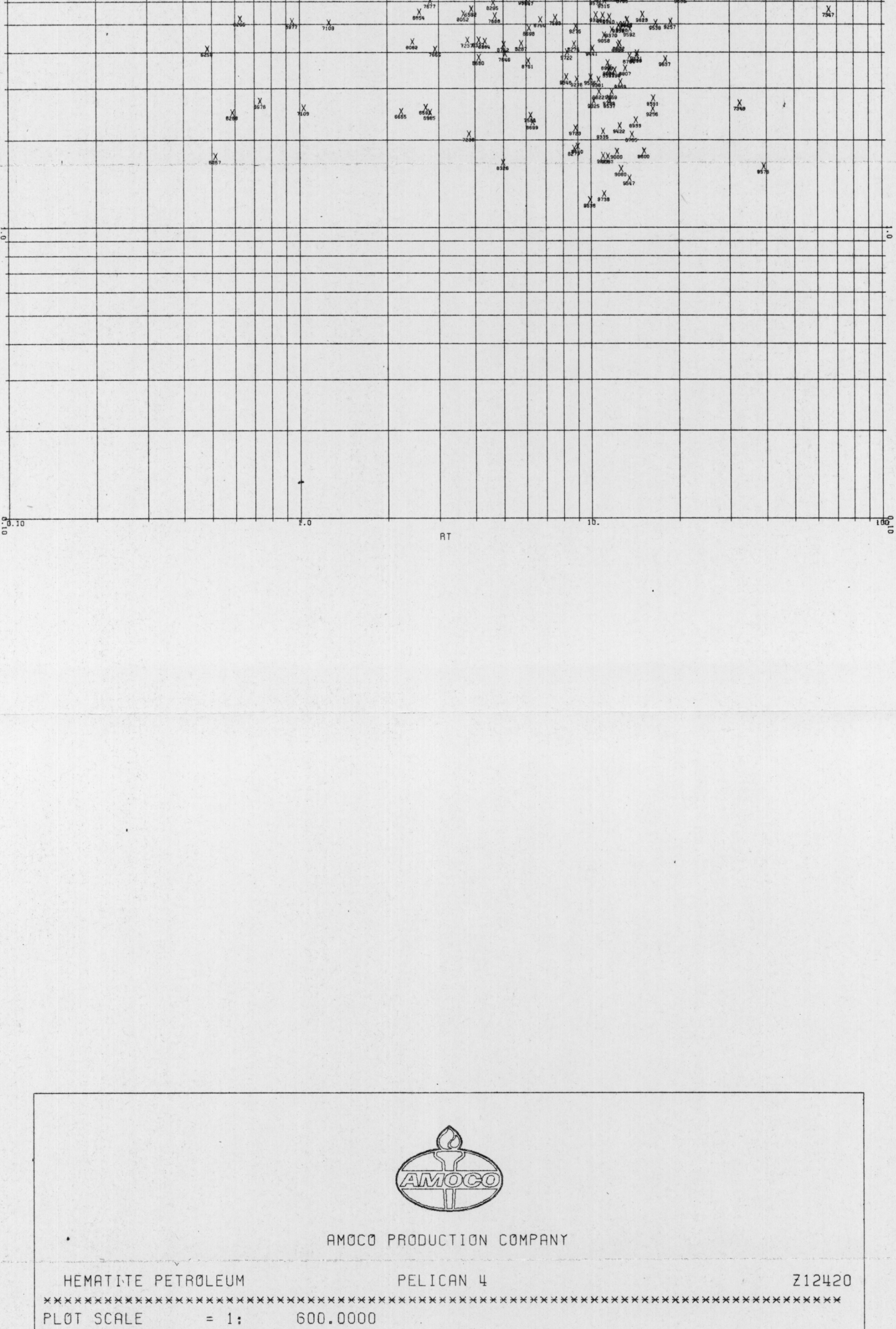
DATE=08/30/87



HEMATITE PETROLEUM PELICAN 4 Z12420
BUCKLES PLOT - ZONE ALL
XYTOP= 5793.00 XYBOT= 9750.00 HOLGATE=NO DATE=08/30/87
SYMBOL=X CONDITIONS=(SW.LT.100)
665 SYMBOL 'X' POINTS AVAIL AVERAGE PHIE = 14.22 AVERAGE SW = 82.66
JOB NAME=PEL4OADD. PLOT TAPE VOL. SER.=TD8747



HEMATITE PETROLEUM PELICAN 4 Z12420
PICKETT PLOT - ZONE ALL
XYTOP= 5793.00 XYBOT= 9750.00 HOLGATE=NO DATE=08/30/87
SYMBOL=X CONDITIONS=(SW.LT.100)
662 SYMBOL 'X' POINTS AVAIL AVERAGE RT = 7.86 AVERAGE PHIE = 14.21
JOB NAME=PEL4OADD. PLOT TAPE VOL. SER.=TD8747



AMOCO PRODUCTION COMPANY

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 HEMATITE PETROLEUM               PELICAN 4                             Z12420
******************************************************************************
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        1749.5732      3051.3899       2.7432        20.7680      41.2011
2
3
4
5
6
7
8
9
10
TOTAL PROBABLE PAY IN ACTIVE INTERVAL
     1737.3811      3051.0852            2.7432         20.7680         41.2011
*************** POSSIBLE PAY *************************************************
   ZONE          ZONE TOP       ZONE BOT          NET           AVE.       AVE.
                                            POSSIBLE PAY,  POROSITY        SW
1  ALL        1749.5732      3051.3899       52.7310        17.2279      64.5807
2
3
4
5
6
7
8
9
10
TOTAL POSSIBLE PAY IN ACTIVE INTERVAL
     1737.3811      3051.0852           52.7310         17.2279         64.5807
*********** NET LITHOLOGY THICKNESS  ****************************************
*************** BY DEFINED ZONES     ****************************************
        NET SAND       NET SHSD        NET SHALE     NET COAL   NET CARBONATE
1      384.6621       177.3958        683.3699      64.9232      2.4384
2
3
4
5
6
7
8
9
10
TOTAL NET LITHOLOGY IN ACTIVE INTERVAL
ACTIVE TOP=   1737.3811,  ACTIVE BOT =   3051.0852
       384.6621       177.3958        683.3699        64.9232         2.4384
******************************************************************************
*     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=08/30/87
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