```
*************************************************************************
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                                                           *
*     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=08/29/87
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ESSO CORMORANT 1 Z11720

AMOCO PRODUCTION COMPANY

ESSO CORMORANT 1 Z11720

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```