Amoco Aust. [illegible]
BASS BASIN
COMPUTER LOG ANALYSIS DISPLAYS
POONBOON-1
PART-6
Aug. 1987 | R-87-051. A[illegible]
P. Stokes | Enclosure: 16

OR-277

313767

AMOCO PRODUCTION COMPANY

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  ESSO                              POONBOON 1                             Z11120
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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         1892.8311       3265.9717
2
3
4
5
6
7
8
9
10
TOTAL PROBABLE PAY IN ACTIVE INTERVAL
      1859.3025       3265.9717
************** POSSIBLE PAY *************************************************
   ZONE           ZONE TOP       ZONE BOT           NET            AVE.          AVE.
                                                POSSIBLE PAY,   POROSITY        SW
1  ALL         1892.8311       3265.9717        1.5240          13.6411        69.9419
2
3
4
5
6
7
8
9
10
TOTAL POSSIBLE PAY IN ACTIVE INTERVAL
      1859.3025       3265.9717           1.5240        13.6411         69.9419
*********** NET LITHOLOGY THICKNESS   **************************************
*************** BY DEFINED ZONES      **************************************
         NET SAND        NET SHSD        NET SHALE     NET COAL    NET CARBONATE
1       385.8813         252.9871        685.1987        77.7249       3.0480
2
3
4
5
6
7
8
9
10
TOTAL NET LITHOLOGY IN ACTIVE INTERVAL
ACTIVE TOP=   1859.3025,  ACTIVE BOT =   3265.9717
       385.8813         252.9871        685.1987        77.7249         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                                                          *
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DATE=09/03/87
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