Amoco Australia Petroleum Company

BASS BASIN

COMPUTER LOG ANALYSIS DISPLAYS
PART-2
TILANA-1

Aug. 1987	R-87-051, Appendix F
P. Stokes	Enclosure: 18

OR277

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                         AMOCO PRODUCTION COMPANY

                                 TILANA 1                               Z13530
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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        1661.1802      3900.2683
2
3
4
5
6
7
8
9
10
TOTAL PROBABLE PAY IN ACTIVE INTERVAL
      1661.1802      3900.2683
************** POSSIBLE PAY ************************************************
   ZONE         ZONE TOP      ZONE BOT          NET          AVE.        AVE.
                                          POSSIBLE PAY,  POROSITY       SW
1  ALL        1661.1802      3900.2683     25.2987       13.9264      68.2686
2
3
4
5
6
7
8
9
10
TOTAL POSSIBLE PAY IN ACTIVE INTERVAL
      1661.1802      3900.2683       25.2987       13.9264        68.2686
*********** NET LITHOLOGY THICKNESS  ***************************************
*************** BY DEFINED ZONES     ***************************************
        NET SAND      NET SHSD       NET SHALE    NET COAL   NET CARBONATE
1       199.9512       233.4796       785.4790      92.6603      1.5240
2
3
4
5
6
7
8
9
10
TOTAL NET LITHOLOGY IN ACTIVE INTERVAL
ACTIVE TOP=   1661.1802,  ACTIVE BOT =   3900.2683
        199.9512       233.4796       785.4790      92.6603         1.5240
*****************************************************************************
*     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                                                        *
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DATE=08/29/87
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