OR.277

313720

Amoco Australia Petroleum Company

BASS BASIN

COMPUTER LOG ANALYSIS DISPLAYS
PART-5
DURROON-1

Aug. 1987	R-87-051, Appendix F
P. Stokes	Enclosure: 5

5 cm

AMOCO

AMOCO PRODUCTION COMPANY

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  ESSO                            DURROON 1                          Z11820
*****************************************************************************
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        1731.2849       3017.5566       0.0          0.0          0.0
2
3
4
5
6
7
8
9
10
TOTAL PROBABLE PAY IN ACTIVE INTERVAL
       560.8386     3017.5566        14.9354       28.2468        46.6172
************** POSSIBLE PAY *************************************************
   ZONE         ZONE TOP        ZONE BOT        NET          AVE.        AVE.
                                            POSSIBLE PAY,  POROSITY      SW
1  ALL        1731.2849       3017.5566       7.9249       36.2052      72.6392
2
3
4
5
6
7
8
9
10
TOTAL POSSIBLE PAY IN ACTIVE INTERVAL
       560.8386     3017.5566        93.8795       21.5620        68.7012
************ NET LITHOLOGY THICKNESS  ***************************************
**************** BY DEFINED ZONES     ***************************************
        NET SAND      NET SHSD       NET SHALE    NET COAL   NET CARBONATE
1       121.6167      119.4830       93.8795      21.0314      3.0480
2
3
4
5
6
7
8
9
10
TOTAL NET LITHOLOGY IN ACTIVE INTERVAL
ACTIVE TOP=    560.8386,  ACTIVE BOT =   3017.5566
       644.6597      619.9707       739.1489     106.6813        3.6576
*****************************************************************************
*     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=09/09/87
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