OR-277

313749

Amoco Australia Petroleum Company

BASS BASIN

COMPUTER LOG ANALYSIS DISPLAYS
PELICAN-3
PART-5

Aug. 1987	R-87-051, Appendix F
P. Stokes	Enclosure: 12

5 cm

AMOCO PRODUCTION COMPANY

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  ESSO                          PELICAN 3                           Z10820
**********************************************************************
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         1786.1497       2900.8169
2
3
4
5
6
7
8
9
10
TOTAL PROBABLE PAY IN ACTIVE INTERVAL
      1706.9006      2906.9128
*************** POSSIBLE PAY *****************************************
   ZONE          ZONE TOP       ZONE BOT         NET          AVE.         AVE.
                                             POSSIBLE PAY,  POROSITY       SW
1  ALL         1786.1497       2900.8169      10.3633       22.6509       69.1916
2
3
4
5
6
7
8
9
10
TOTAL POSSIBLE PAY IN ACTIVE INTERVAL
      1706.9006      2906.9128         10.3633        22.6509         69.1916
************ NET LITHOLOGY THICKNESS   *******************************
*************** BY DEFINED ZONES      *******************************
         NET SAND       NET SHSD        NET SHALE    NET COAL   NET CARBONATE
1       285.6011       173.4333        626.3716      32.6140      2.1336
2
3
4
5
6
7
8
9
10
TOTAL NET LITHOLOGY IN ACTIVE INTERVAL
ACTIVE TOP=   1706.9006,  ACTIVE BOT =   2906.9128
        285.6011        173.4333        626.3716       32.6140         2.1336
***********************************************************************
*     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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ESSO PELICAN 3 Z10820

AMOCO PRODUCTION COMPANY

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