OR-277

Amoco Australia Petroleum Company

BASS BASIN

COMPUTER LOG ANALYSIS DISPLAYS
PART-2
DONDU-1

Aug. 1987	R-87-051, Appendix F
P. Stokes	Enclosure: 4

313713

5 cm

AMOCO PRODUCTION COMPANY

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 ESSO                              DONDU 1                              Z10420
******************************************************************************
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         1621.5557       2865.1548
2
3
4
5
6
7
8
9
10
TOTAL PROBABLE PAY IN ACTIVE INTERVAL
      1517.9224      2865.1548
************** POSSIBLE PAY *************************************************
   ZONE          ZONE TOP       ZONE BOT         NET          AVE.         AVE.
                                             POSSIBLE PAY,  POROSITY      SW
1  ALL         1621.5557       2865.1548       8.5345       23.5882       72.6688
2
3
4
5
6
7
8
9
10
TOTAL POSSIBLE PAY IN ACTIVE INTERVAL
      1517.9224      2865.1548          8.5345        23.5882         72.6688
*********** NET LITHOLOGY THICKNESS  ***************************************
*************** BY DEFINED ZONES     ***************************************
        NET SAND      NET SHSD       NET SHALE     NET COAL   NET CARBONATE
1       214.8866      218.8491       751.3411      142.3433     10.3633
2
3
4
5
6
7
8
9
10
TOTAL NET LITHOLOGY IN ACTIVE INTERVAL
ACTIVE TOP=   1517.9224,  ACTIVE BOT =   2865.1548
        214.8866      218.8491       751.3411      142.3433       10.3633
******************************************************************************
*     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=09/01/87
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 ESSO                              DONDU 1                              Z10420
GAMMA RAY HISTOGRAM
XYTOP= 4982.00 XYBOT= 9398.00 HOLGATE=NO   DATE=08/24/87
SYMBOL=X CONDITIONS=(XPLTRES.EQ.1,SAW.EQ.3)
   489 SYMBOL 'X' POINTS AVAILABLE.
SYMBOL=O CONDITIONS=(XPLTRES.NE.1,SAW.EQ.3)
   954 SYMBOL 'O' POINTS AVAILABLE.
AVERAGE GRRAW =      91.7619  XMODE=        0.0      YMODE=        3.0398
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