OR-277

313757

Amoco Australia Petroleum Company

BASS BASIN	
COMPUTER LOG ANALYSIS DISPLAYS PART-3 PELICAN-5	
Aug. 1987	R-87-051, Appendix F
P. Stokes	Enclosure: 14

5 cm

AMOCO PRODUCTION COMPANY

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AMOCO AUSTRALIA PETROLE          PELICAN #5               AUSTRALIA      Z13620
*****************************************************************************
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        4266.9453      4266.9961
2
3
4
5
6
7
8
9
10
TOTAL PROBABLE PAY IN ACTIVE INTERVAL
      1705.9863      4266.9453
*************** POSSIBLE PAY ********************************************
   ZONE          ZONE TOP      ZONE BOT          NET           AVE.        AVE.
                                          POSSIBLE PAY,   POROSITY       SW
1  ALL        4266.9453      4266.9961      51.8166        12.8001       71.0676
2
3
4
5
6
7
8
9
10
TOTAL POSSIBLE PAY IN ACTIVE INTERVAL
      1705.9863      4266.9453        51.8166        12.8001         71.0676
*********** NET LITHOLOGY THICKNESS   ************************************
*************** BY DEFINED ZONES      ************************************
         NET SAND       NET SHSD       NET SHALE     NET COAL   NET CARBONATE
1       661.4238       348.0857      1269.8123      213.9722     21.6411
2
3
4
5
6
7
8
9
10
TOTAL NET LITHOLOGY IN ACTIVE INTERVAL
ACTIVE TOP=   1705.9863,  ACTIVE BOT =   4266.9453
        661.4238       348.0857      1269.8123      213.9722       21.6411
******************************************************************************
*     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=09/08/87
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