



AMOCO PRODUCTION COMPANY

ESSE YURONGI 1 Z12720
 PLOT SCALE = 1: 1000.0000
 DEPTH REFERENCE = MDEP
 UNITS = MTRS

PROBABLE PAY
 ZONE ZONE TOP ZONE BOT NET AVE. AVE.
 ALL 1722.1409 2432.6384 PROBABLE PAY POROSITY SW

TOTAL PROBABLE PAY IN ACTIVE INTERVAL
 1301.5117 2438.4297
 POSSIBLE PAY
 ZONE ZONE TOP ZONE BOT NET AVE. AVE.
 ALL 1722.1409 2432.6384 27.7371 14.8417 69.5840

TOTAL POSSIBLE PAY IN ACTIVE INTERVAL
 1301.5117 2438.4297 27.7371 14.8417 69.5840
 NET LITHOLOGY THICKNESS
 BY DEFINED ZONES
 NET SAND NET SHALE NET COAL NET CARBONATE
 295.3547 167.0324 581.8701 63.3992 13.7162

TOTAL NET LITHOLOGY IN ACTIVE INTERVAL
 ACTIVE TOP= 1301.5117, ACTIVE BOT = 2438.4297
 295.3547 167.0324 581.8701 63.3992 13.7162

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 RAT =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
 * ORCAR : OR 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
 * RVO : SHALLOW RESISTIVITY - CORRECTED FOR BOREHOLE ENVIRONMENT
 * PHIE : PHIE - PHIND X (1-VSH)
 * BVWX : PHIE X SW
 * BVWXD : PHIE X SXD

DATE=08/29/87

