OR.357D

450641

ENCLOSURE 2e

Schlumberger

CLUSTER*

FOUR-ARM HIGH RESOLUTION CONTINUOUS DIPMETER

COMPUTER
PROCESSED
INTERPRETATION

COMPANY AMOCO AUSTRALIA PETROLEUM LTD
WELL PELICAN # 5
FIELD
COUNTRY AUSTRALIA
RUN No. THREE INTERVAL 4273.00 - 3644.00 m
REFERENCE No. 140746
DATE LOGGED 3-MAR-86 DATE PROCESSED 6-MAR-86
LOCATION 40 20' 43.269" SOUTH
145 51' 49.971" EAST
ELEV KB 21.40 m DF 21.10 m GL -78.30 m

* A Mark of Schlumberger

FOLD HERE

The well name, location and borehole reference data were furnished by the Customer.

COMPUTATION PARAMETERS

Field Recording	Engineer: J.HOLLINGWORTH	Location: EA
Computation	Analyst: R.HOLMAN	Center: ASJ
	Programs used: CLUSTR	
	Comp. Centre Job no.: 140746	
Mud Measurements	Rm = 0.115 @ 343.0 C	BHT = 343.0 C
	Rmf = 0.068 @ 343.0 C	Bit Size= 0.000 inch
Magnetic Declination :	12.5 EAST	

Depth Interval From	Depth Interval To	Correlation interval	Step distance	Search angle	Cancelled pad
4273	3644	1M	50%	35 x 2	--

Search option : Hole axis normal

SYMBOLS USED ON PLOT

Symbol	Meaning	Symbol	Meaning
●	High confidence result		AZIMUTH FREQUENCY DIAGRAM 1. The radial length of each 10 degrees sector gives the number of dips with an azimuth in this sector. 2. The largest sector is emphasised with a bisecting line.
○	Low confidence result	▷	The limits of the Azimuth Frequency Diagram are indicated by this symbol in the depth track

Remarks:

LOG CORRELATED WITH IND-SONIC RECORDED ON 3-MAR
ZONE 1: 4273 M TO 4050 M ALL DATA USED
ZONE 2: 4050 M TO 3644 M NO SPEED CORRECTION
3-PAD LOGIC APPLIED PAD 1 ELIMINATED
ZONE 3: 3710 M TO 3655 M AS FOR ZONE 2

All interpretations are opinions based on inference from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or wilful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our General Terms and Conditions as set out in our current Price Schedule.

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ARROW QUALITY RANGES   TOTAL    OPEN     DARK
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PARTICIPATION:         0-8      2-6      7-8
LIKENESS:              0.-100.  15.-39.9 40.-100.
CLUSTER/EXPANSION:     0,10-100 10-100   10-100
COMBINED QUALITY:      9,4-1    4-1      4-1


NO POOLING
MAXIMUM DIP MAGNITUDE PLOTTED = 70 DEGREES


MAGNETIC DECLINATION = 12.5 DEG.


CORRELATION LENGTH = 1.0 METERS
PERCENTAGE STEP = 50
SEARCH ANGLE = 35 DEGREES
SEARCH ANGLE INCREASE = 2
BASE PLANE FOR SEARCH ANGLE IS PERPENDICULAR TO THE HOLE
WHERE CLOSURE < 50 3 PAD LOGIC IS USED FOR DIP GENERATION
FILE 1
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SCALE : 1/500

ZONE FROM 3644 M TO 4273 M

CORRELATION CURVE DEPTHS DIP ANGLE AND DIRECTION BOREHOLE DRIFT

SCALE : 1/200

ZONE FROM 3644 M TO 4273 M

CORRELATION CURVE DEPTHS DIP ANGLE AND DIRECTION BOREHOLE DRIFT