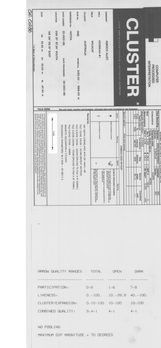

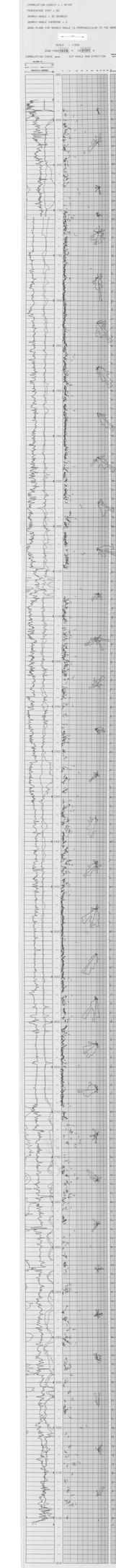

ENCLOSURE 9

OR-0286

COMPUTER
PROCESSED
INTERPRETATION

CLUSTER*

FOUR-ARM HIGH RESOLUTION CONTINUOUS DIPMETER

COMPANY AMOCO AUST.
WELL KOORKAH #1
FIELD WILDCAT
COUNTRY AUSTRALIA
RUN No. ONE INTERVAL 3153.00 - 1589.00 m
REFERENCE No. 140704
DATE LOGGED 22-DEC-86 DATE PROCESSED 30-DEC-86
LOCATION 039 37' 57.24" SOUTH
146 09' 05.13" EAST
ELEV KB 22.30 m DF 22.00 m GL -67.60 m

* A Mark of Schlumberger

COMPUTATION PARAMETERS

Field Recording Engineer: WINSLOE/BONNEMOY Location: VEA
Computation Analyst: G.SHEVLIN Center: ASJ
Programs used: CLUSTR
Comp. Centre Job no.: 140704
Mud Measurements Rm = 0.305 @ 136.0 C BHT = 136.0 C
Rmf = 0.218 @ 136.0 C Bit Size= 12.250 inch
Magnetic Declination: 11.5 EAST

Depth Interval From	To	Correlation interval	Step distance	Search angle	Cancelled pad
3153	1589	1METER	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

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

Remarks:

HDT DEPTH CORRELATED WITH ISF-MSFL-GR
FILE 1:ZONE 3163M - 3034M (REPEAT SECTION)
FILE 2:ZONE 3153M - 2200M (SPLICED TO FILE 3 AT 2295M.)
FILE 3:ZONE 2300M - 1700M (SPLICED TO FILE 4 AT 1708M.)
FILE 4:ZONE 1700M - 1589M.
MAGNETIC DECLINATION = 11.5 EAST
PROCESSING PARAMETERS: 1M X 50% - 35 DEG X 2.

5 cm

All interpretations are opinions based on inference from electrical or other measurements and we cannot, and we 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

```
ARROW QUALITY RANGES    TOTAL     OPEN      DARK
--------------------    --------  --------  --------
PARTICIPATION:          0-8       1-6       7-8
LIKENESS:               0.-100.   10.-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 = 70 DEGREES

CORRELATION LENGTH = 1 METER
PERCENTAGE STEP = 50
SEARCH ANGLE = 35 DEGREES
SEARCH ANGLE INCREASE = 2
BASE PLANE FOR SEARCH ANGLE IS PERPENDICULAR TO THE BOREHC
```

5 cm

SCALE : 1/500

ZONE FROM 1578 M TO 3157 M

CORRELATION CURVE DEPTHS DIP ANGLE AND DIRECTION BOREHOLE DRIFT

5 cm

5 cm

SCALE : 1/200

ZONE FROM 1578 M TO 3157 M

CORRELATION CURVE DEPTHS DIP ANGLE AND DIRECTION BOREHOLE DRIFT

CALIPERS (IN)
6 16
C1-3 ---------- C2-4 ------
RESISTIVITY INCREASES
0 10 20 30 40 50 60 70 80 90 0 10
1550