COMPLEX LITHOLOGY + LDT RESULTS

Encl. 3

DEPT. NAT. RES. & ENV.
PE605474

Company	AMITY OIL NL
Well Name	CUTTLEFISH 1
Field	CUTTLEFISH
Country	AUSTRALIA
State	VICTORIA
Province	
Field Location	VIC/P40
Latitude	037 59' 40.799" S DMS
Longitude	148 03' 03.279" E DMS
Permanent Datum	MSL
Elevation of PD	.00 M
Elevation of KB	
Elevation of DF	25.90 M
Elevation of RT	27.40 M
Elevation Ground lv	-47.70 M
Log measured from	DF
Drill measured from	DF
Services	SUPER COMBO, SHDT
Other Services Ln 1	
Service company	SCHLUMBERGER
Basin	GIPPSLAND
Tenement/Concession	VIC/P40
Date logged	29-OCT-1999
Date computed	05-11-99
Date plotted	02-12-1999
Time plotted	09:27:47

Software by Crocker Data Processing   Program Revision 6.31

Max recorded temp 1	58.00 degC			

COMPUTATION PARAMETERS

DEPTH INTERVAL		RW	TEMP	GR MIN	GR MAX	R Clay	RHOB Clay	PHIN Clay	t Clay	RHOH	a	m	n
748.9	837.8	.203	47.0	20	72	3.3	2.20	.390	134	.69	.62	2.15	2.0
837.9	1079.8	.602	51.2	19	113	15	2.25	.384	122	.69	.62	2.15	2.0
1079.9	1200.0	.376	55.9	30	114	4.2	2.36	.333	106	.69	.62	2.15	2.0

REMARKS

Since well log interpretations are opinions based upon inferences from well logs we cannot and do not guarantee the correctness or accuracy of any interpretation. Therefore we shall not be liable or responsible for any loss, damage, cost or expense incurred or sustained by anyone resulting from any interpretation.

LITHOLOGIES

▨ OIL	▨ GAS	░ MOVED OIL
░ MOVED GAS	▤ Shales	⁘ Sand Stone
▦ Limestone	▨ Dolomite	▨ Water

LOG DESCRIPTIONS

ROMA-CPX	Apparent Matrix Density (Complex Litho Model)
SPI -CPX	Secondary Porosity Indicator = PHIT-PHIS >=0 (Complex Litho Model)
PAY -CPX	Pay flag (Complex Litho Model)
SW -CPX	Formation Water Saturation <=1.0 (Complex Litho Model)
DD	Caliper-bit size
PHIE-CPX	Effective Porosity (Complex Litho Model)
PHXO-CPX	Product (PHIE * SXO) (Complex Litho Model)
PHSW-CPX	Product (PHIE * SW) (Complex Litho Model)
MINERAL	Special Mineral Table output flag (Salt,Trona,Anhydrite,Gypsum,Coal)
VCL -CPX	Volume of clay (Complex Litho Model)
VSND-CPX	Volume of Sand (Complex Litho Model)
VLS -CPX	Volume of Limestone (Complex Litho Model)
VDOL-CPX	Volume of Dolomite (Complex Litho Model)
PHIE-CPX	Effective Porosity (Complex Litho Model)
PHSW-CPX	Product (PHIE * SW) (Complex Litho Model)