Enclosure 1: Petrophysical Log

SPIKEY BEACH-1 FEQL: 1525 - 2085m

Company	Beach Petroleum Ltd
Well Name	SPIKEY BEACH-1
Field	Exploration
Country	Australia — State Tasmania
Location	Exploration

Permanent Datum: MSL — Elevation: 0.00000 — Elevation: K.B. 21.50000
Log Measured By: DF — 21.50000 — Above Permanent Datum — D.F. 21.50000
Drill Measured From: G.L. 14.00000
Date: 15-Sep-2009 — Rm: 0.07 — Rm Meas Temp: 22
Btm Log Interval: 2085.0 — Rmf: 0.03 — Rmf Meas Temp: 22
Top Log Interval: 803.0 — Rmc: 0.06 — Rmc Meas Temp: 20

CUTOFF SUMMARY REPORT

Reservoir SUMMARY

Zn #	Zone Name	Top:	Bottom	Gross	Net	N/G	Av Phi	Av Sw	Av Vcl Ari	Phi*H	Phi*H*Vcl
1	Upper Eastern View Gr	1525.00	1670.00	145.00	270.80	0.784	0.258	1.000	0.213	70.01	0.01
2	Middle Eastern View Gr	1670.00	2085.00	415.00	1115.40	0.533	0.192	1.000	0.253	22.11	0.197
	All Zones	1525.00	2085.00	560.00	1386.25	0.698	0.209	0.999	0.273	88.42	0.08

Pay SUMMARY

Zn #	Zone Name	Top:	Bottom	Gross	Net	N/G	Av Phi	Av Sw	Av Vcl Ari	Phi*H	Phi*H*Vcl
1	Upper Eastern View Gr	1525.00	1670.00	145.00	0.00	0.000	***	***	***	***	***
2	Middle Eastern View Gr	1670.00	2085.00	415.00	000.00	0.000	***	***	***	***	***
	All Zones	1525.00	2085.00	560.00	000.00	0.000	***	***	***	***	***

CUTOFFS USED

Zn #	Zone Name	Top:	Bottom	Min. Height	Phi	Sw	Vcl
	Reservoir						
1	Upper Eastern View Gr	1525.00	1670.00	0.	>=	0.1	<= 0.6
2	Middle Eastern View Gr	1670.00	2085.00	0.	>=	0.1	<= 0.6
	Pay						
1	Upper Eastern View Gr	1525.00	1670.00	0.	>=	0.6	<= 0.6
2	Middle Eastern View Gr	1670.00	2085.00	0.	>=	0.1	<= 0.6

Depth Units = m
No indicators missing or null data in the zone.

CLAY VOLUME PARAMETERS

Top: Bottom	Gr Clean	Gr Clay	Dens Dep Clay	Neu Dep Clay
1525.	30.	120.	2.643	0.42
1670.	150.	1.643		
1670.	15.	0.433		
2085.	205.	2.643		

POROSITY WATER SATURATION PARAMETERS

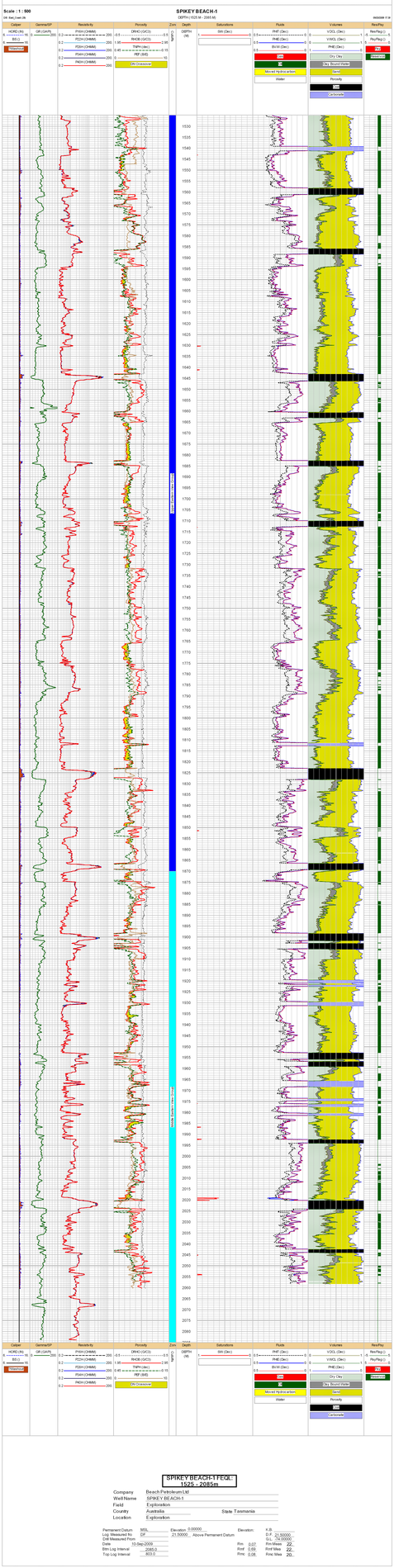
Top Bottom	Phi Model Ar eq.	Rw Temp.	Rmf Temp.	"a" "a":	"m" "m":	Rho MC Rho Mat	Rho Clay Rho Clay	Neu Neu Clay	Wa Dry Clay Phi Clay
1525.	Hwu Dan	0.0742	0.0694	1.0	1.	0.9	2.643	0.142	0.70
1670.	Archie	68.	22.6	1.0	2.	Variable	0.433	68.	
1670.	Hwu Dan	0.0742	0.0694	1.0	1.	0.9	2.643	0.142	0.70
2085.	Archie	68.	22.6	1.0	2.	Variable	0.433	68.	

HCMD
BS
GR
PSHI
PDSH
PSAH
PASH
RHOB
DPOR
TNPH
PEF
SW
PHIE
VCLW
VSIL
VWCL
GAS_FLAG
OIL_FLAG
WAT_FLAG
PayFlag

Gamma Ray

Density correction
Sonic transit time
Bulk Density
Neutron porosity
Caliper
Water Saturation
Total Porosity
Effective Porosity
Bulk Volume w ater (Phie x SW)

Volume w el Clay



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