

Australian Aquitaine Petroleum  
Well Completion Report  
Keep River No. 1

A P P E N D I X N O . I V

WATER SATURATION FROM SCHLUMBERGER LOG EVALUATION

Depth	Thickness	RL	RL	Rxc	Invasion	FDC	Sonic	SW	Rw=23.3 g/l at 90° F. Rw=0.11 at BHT cu 0.12 Calc. $\frac{R_{mf}}{R_w} = 7.2$	Gas on Degasser
6560	3'	25	50	30		2,45/10%	64	100%		8%
6580	5'	90	500	000		262/0	58	?		0%
6636	4'	45	50	50	25"	25/10%	6 1/64	10%		7%
6644	8'	15	30	60	30"	2,54274/? 10-12	66	80%		7%
6662	6'	80	200	300	60"	2.63/0	60	60%		2,5%
6694	18'		220	200		2.57/8 4%	60	60-70%		0
6698	"	48	120	160	100"	"	"	100%		1%
6704	"	70	100	60		c"	"	100%		1%
6708	"	70	120	200	40"	"	58	100%		1%
6712	"	50	170	220	40"	"	62	?65%		"
6900	6'	43	80	200	25"	2.53/7%	62	100%		1%
6906	9'	38	50	40		"	61	100%		1%
6915	4'	50	125	200	40"	2.60/0	61	90%		1%
7176	2'	200	190	150	20"	2.60/1.2%	58	100%		1%
7178	2'	200	160	300		2.52/8%	58	70%		1%
7190	2'	70	150	65	40"	2.52/8%	58	30%	γγ 70% R16R11	1%
7212	2'	28	50	50		2.52/8%	59	100%		1%
7218	4'	55	75	130	20'	2.37/20%	45	60%	γγ and sonic:70%	1%
7222	4'	35	50	90	25"	2.43/15%	68	65%		1%
7226	12'	38	100	259	25"	2.47/12%	62	90%	γγ100%	1%
7276	2'	18	44	20		2.45/13%	64	100%	No PS, R16>R11	30%
7326	5'	25	45	100	30"	2.35/20%	64	100%	very likely argillaceous	45%
7343	2'	15	50	100	40"	2.44/14%	60	100%		5%
7425	3'	27	80	30		2.44/14%	60	?		
7430	3'	27	75	80		2.60/2%	61	100%		12%
7434	4'	42	130	250		2.55/6%	62	100%		Trace
7439	4'	27	210	150		2.57/4%	50	100%		"
7511	3'	25	60	60		2.50/10%	60	?	R16>R11	"
7522	80'	45	70	120	30"	2.52 to 2.60/6-8%	59-62	100%	Fissured Zone, Mud Losses Cemented - Gas ? Detector by-passed	?
7666	4'	25	60	100	60"	2.58/8%	59	100%	R16>R11	"
7677	2'	15	55	90	40"	2.52/8%	60	100%		"
7683	3'	40	55	150	10"	2.54/6%	59	100%	R16<R11	"

Depth	Thickness	RII	RII	R <sub>ie</sub>	Invasion	FDC	Sonic	Sw	R <sub>w</sub> =23.3 g/l at 90° F. R <sub>w</sub> =0.11 at BHT on 0.12 Calc. $\frac{R_{mf}}{R_w} = 7.2$	Gas Degasur
7696	6'	30	50	100	25"	2.54/6%	62	80%	R16>R11	
7750	8'	40	80	100	120"	2.55/6%	62	100%	R16>R11	gastrap by passed
7759	14'	30	45	70	20"	2.57/5%	64.62	750%	R16>R11	4
7787	14'	33	70	80		2.60/3%	61	100%		
7905	4'	35	100	130	120"	2.35/20%	62	270% 100%	R16<R11	5
7920	4'	30	45	40	?	2.45/13%	67	60% 100%	Sonic	"
7926	3'	30	80	50	?	2.45/13%	60	100% 75%	Sonic	"
7947	4'	17	40	100	30"	2.52/9%	63/65	100%	R16>R11	"
8114	3'	13	55	90	50"	2.45/13%	62	90%	R16>R11	0
8170	2'	11	35	25		2.33/7%	58	100%	Sonic	R16>R11
8174	16'	13	23	40	20"	2.557/6-4%	62	100%		0
8277	4'	30	70	90	80"	2.60/3%	60	100%		Trace
8680	9'		80	12.5		2.62/2%	60	65%		80%
8750	2'		30	5		2.46/10%	62	55%		"
8910	5'		70	25		2.35/18%	60-4%	25%		"
9190	2'		180	20		2.5/9%	57	25%		"
9210	2'		60	7		2.54/7%	60	25%		"
9235	2'		75	20		2.54/7%	65	45%		"
9954	2'		150	90		2.72/0%		60%		"
10644	3'		400	70		2/70/0%	56	45%		"
10790	2.3'		200	75		2.64/1%	68	35%		"