CORE LABORATORIES, INC.

COMPANY ESSO AUSTRALIA LTD. FORMATION — FILE NO. 176 PAGE NO. 1 REMARKS TO CLIENT —
WELL FLOUNDER #6 plus Sidetrack CORE TYPE CONVENTIONAL DATE DEC. 1977 SERVICE NO. —
FIELD GIPPSLAND BASIN MUD TYPE FRESH WATER GEL. ENGINEER S. LA ROSA REPORTS TO WELLSITE GEOLOGIST
COUNTY VICTORIA STATE — ELEVATION — LOCATION BASS STRAIT PERM. CHECK —

NO.	DEPTH From	DEPTH To	PERMEABILITY Orifice	W	C × Q × L ÷ A	K_A	PERM K_H	MERKY Bulk	Weight	Vol.	500 PSI CORR	1000 PSI OBS	1000 PSI CORR DIFF	DENS NAT	RETORT Wt Gm	Blk Vol	Obs O	Final W	Corr O	Init W	% VOLUME O_b	W_b	G_b	% POR	PORE SATURATION S_o	S_{iw}	PROB. PROD.	S_{cw} FR.	S_{cw}	CHLORIDE CC AG NO_3	PPM	QUALITATIVE INSPECTION ROCK	COLOR	TEXT	IMPURITIES	ODOR	FLU	HG	REMARKS
CORE #3	8174'6"	8"	12.4	260	76.5 16.12 1.78 3.20	685.96	655.96	17.41	39.14	1.10	.	.	.	2.25	100	44.48	H/TR	4	1	0	0.04	2.0	0.09	4.5	6.32	10.91	0.82	41.25	SD	=2.31	.	GD	=2.47			Reasonable Tight Sandstone Dolomite				Perm. Plug Sealed in Wax Rine
CORE #3	8191'8"	10"	12.4	260	143 16.12 1.51 3.35	1481.19	1431.19	13.01	27.55	2.34	.	.	.	2.12	100	47.22	0.7	6	5	0	0.85	3.5	1.8	7.41	17.99	27.2	6.62	27.25	SD	=2.30	.	GD	=2.78			Loose Fri. S.S. Oil Stain & Odour				" " "
SIDETRACK	HOLE																																					
CORE #6	8179'		12.4	260	290 16.2 1.6 2.56	2921.75	2841.75	18.12	36.72	2.84	.	.	.	2.03	100	49.35	1.0	5	8	1	3	5.4	2.63	10.94	15.67	29.25	9.01	37.41	SD	=2.18	.	GD	=2.67							" " "
CORE #6	8187'	2"	12.4	280	215 16.2 1.6 2.88	1925.44	1865.44	17.40	39.65	1.52	.	.	.	2.28	100	43.88	S/TR	4.0		.02	3.7	0.05	8.43	8.71	17.21	0.25	48.98	SD	=2.37	.	GD	=2.65							" " "
CORE #7	8252'	4"	12.4	260	99 16.12 1.73 3.24	837.34	793.34	17.38	37.92	1.98	.	.	.	2.13	100	46.89	0.2	1.2	.25	0.9	0	0.53	1.92	11.14	13.59	3.92	14.13	SD	=2.24	.	GD	=2.44			SL-Mod H_2S	ODOUR			" " "
CORE #7	8252'	4"	12.4	200	100 12.4 1.8 3.23	691.02	661.02	17.09	36.64	2.12	.	.	.	2.14		46.64					0	0.53	1.93	12.4	14.87	3.60	12.98	SD	=2.27	.	GD	=2.49			SL-Mod H_2S	"			" " "
CORE #7	8266'	8"	12.4	260	107 16.12 1.7 3.42	857.38	817.38	18.77	38.50	2.86	.	.	.	2.05		48.75	0.3	1.0	0.35	0.8	0	.71	1.64	15.24	17.60	4.08	9.33	SD	=2.20	.	GD	=2.46			SL-Mod H_2S	"			" " "
CORE #7	8266'	8"	12.4	160	60 9.92 1.8 3.23	331.69	301.69	17.65	37.18	2.43	.	.	.	2.11		47.47					0	.73	1.69	13.77	16.19	4.55	10.41	SD	=2.24	.	GD	=2.48			SL-Mod H_2S	"			" " "
CORE #8	8303'		12.4	38	60 2.35 1.8 3.24	78.53	69.53	18.39	38.42	3.08	.	.	.	2.09	100	47.87	0.35	1.3	0.43	0.8	0	.9	1.67	16.75	19.32	4.65	8.65	SD	=2.26	.	GD	=2.56			STRONG H_2S ODOUR				" " "
CORE #8	8303'		12.4	260	103 16.2 1.8 3.15	948.78	908.78	78.49	36.92	3.63	.	.	.	2.11		47.37					0	.91	1.69	20.75	23.36	3.89	7.21	SD	=2.32	.	GD	=2.73							" " "
CORE #9	8328'7"	8329'	12.4	200	78 12.4 1.85 3.47	515.65	485.65	16.07	35.62	0.98	.	.	.	2.22	100	45.12	0.2	6.9	0.25	5.6	0	.55	12.41	6.10	19.07	2.91	65.11	SD	=2.28	.	GD	=2.58			SL H_2S ODOUR				" " "
CORE #9	8328'7"	8329'	12.4	143	60 8.86 1.85 3.33	295.53	275.53	15.34	36.58	0.73	.	.	.	2.38	100	41.94	0.2	6.2	0.25	5.0	0	.59	11.92	4.76	17.28	3.45	69.01	SD	=2.43	.	GD	=2.73			SL H_2S ODOUR				" " "
CORE #9	8328'7"	8329						20.52	46.64	1.02	.	.	.	2.27	100	44	0.4	6.6	0.5	5.4	1	.13	12.27	4.97	18.38	6.18	66.77	SD	=2.32	.	GD	=2.62			STRONG H_2S ODOUR				" " "

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