



Zone No. 2 MOCAMBORO 11 GEOLOGICAL SURVEY OF VICTORIA Complex Lithology Results 31-07-91

DEPTH M	GR	RT	RXD	PHIN	RHOB	DD	SPI	SWU	SXOU	PHIS	VCL	FMCL	RHOMAU	SXO	SW	PHIE	RHOMA	POR-M	HC-M	FLAGS
1164.9	81	4.0	2.3	25.9	2.378	-0.3	0.0	102.2	102.5	18.4	39.8	SD	2.690	100.0	100.0	14.0	2.800	0.78	0.03	
1165.9	47	3.6	1.6	19.5	2.342	-0.3	0.0	108.0	124.1	17.9	33.4	GR	2.633	100.0	100.0	14.9	2.694	0.00	0.00	
1166.8	47	3.4	1.7	21.8	2.301	-0.4	0.0	99.6	105.2	17.5	34.1	DN	2.626	99.9	99.6	17.2	2.692	0.00	0.00	
1167.7	52	3.7	1.6	17.3	2.349	-0.3	0.0	112.7	127.9	15.8	24.5	DN	2.637	100.0	100.0	15.2	2.680	0.02	0.00	\$
1168.6	28	5.4	2.0	13.7	2.387	-0.3	3.0	106.5	121.5	12.2	0.0	GR	2.670	100.0	100.0	16.8	2.670	0.16	0.00	\$
1169.5	37	6.0	2.2	13.8	2.399	-0.3	3.2	107.0	129.6	10.2	14.9	GR	2.653	100.0	100.0	13.7	2.676	0.30	0.00	\$
1170.4	36	5.0	2.1	13.2	2.385	-0.3	4.7	114.9	131.1	9.6	12.4	GR	2.645	100.0	100.0	14.3	2.665	0.43	0.00	\$
1171.3	31	5.0	2.2	12.8	2.381	-0.3	4.9	111.9	120.2	10.7	1.4	GR	2.658	100.0	100.0	16.3	2.660	0.57	0.00	\$
1172.3	38	5.1	2.2	13.0	2.388	-0.3	3.5	116.3	130.0	10.4	13.5	DN	2.642	100.0	100.0	13.9	2.665	0.71	0.00	\$
1173.2	36	4.7	2.1	14.5	2.368	-0.3	5.3	109.5	119.8	10.4	11.3	GR	2.650	100.0	100.0	15.7	2.667	0.84	0.00	\$
1174.1	32	5.6	2.0	13.4	2.391	-0.3	2.2	107.3	126.4	12.5	3.5	GR	2.664	100.0	100.0	15.8	2.669	0.99	0.00	\$
1175.0	36	4.7	1.7	16.5	2.357	-0.3	2.6	102.0	124.2	13.4	12.7	GR	2.659	100.0	100.0	16.8	2.678	1.13	0.00	\$
1175.9	37	4.0	1.5	19.6	2.350	-0.3	0.0	101.4	121.2	16.4	14.5	GR	2.680	100.0	100.0	18.0	2.698	1.29	0.00	\$
1176.8	34	4.8	1.6	17.1	2.355	-0.3	1.5	98.5	121.8	14.8	8.4	GR	2.670	99.7	98.5	17.9	2.682	1.45	0.00	\$
1177.7	38	4.8	1.6	16.5	2.346	-0.3	3.7	99.5	125.4	12.9	15.8	GR	2.648	99.9	99.5	16.6	2.673	1.61	0.00	\$
1178.7	38	2.2	0.8	25.7	2.293	-0.3	0.0	109.3	136.3	22.0	15.2	GR	2.703	100.0	100.0	22.4	2.726	1.80	0.01	\$
1179.6	45	3.2	1.0	24.1	2.407	-0.3	0.0	113.8	156.6	21.6	30.3	GR	2.760	100.0	100.0	15.7	2.801	1.89	0.01	\$
1180.5	51	3.8	1.2	25.3	2.251	-0.3	0.0	83.4	112.1	21.6	33.5	DN	2.635	96.4	83.4	19.9	2.696	1.89	0.01	B
1181.4	45	3.4	1.1	26.6	2.248	-0.3	0.0	85.0	113.3	23.0	29.1	GR	2.660	96.8	85.0	21.3	2.705	1.95	0.02	B \$
1182.3	49	3.4	1.0	24.4	2.267	-0.3	0.0	90.4	124.8	23.0	37.8	GR	2.620	98.0	90.4	18.7	2.697	2.12	0.04	B
1183.2	56	3.9	1.3	22.0	2.307	-0.3	0.0	93.5	125.1	21.9	36.8	DN	2.626	98.7	93.5	16.7	2.697	2.12	0.04	
1184.1	86	4.0	1.4	26.4	2.311	-0.3	0.0	94.4	128.5	20.4	54.2	DN	2.637	98.8	94.4	13.7	2.752	2.12	0.04	B
1185.1	70	4.0	1.4	21.1	2.318	-0.3	0.0	95.6	124.8	17.2	35.3	DN	2.629	99.1	95.6	16.1	2.695	2.12	0.04	
1186.0	39	4.3	1.5	17.4	2.331	-0.3	2.1	100.9	126.6	14.9	18.7	GR	2.640	100.0	100.0	17.0	2.673	2.28	0.04	\$
1186.9	44	4.5	1.5	15.5	2.339	-0.3	3.2	103.9	132.9	13.6	13.3	DN	2.638	100.0	100.0	16.8	2.662	2.43	0.04	\$
1187.8	48	4.5	1.6	16.3	2.339	-0.3	2.1	102.5	126.6	14.3	17.0	DN	2.637	100.0	100.0	16.4	2.668	2.59	0.04	\$
1188.7	40	4.1	1.4	18.7	2.314	-0.3	1.1	96.7	121.0	16.8	20.1	GR	2.640	99.3	96.7	17.9	2.675	2.75	0.05	\$
1189.6	43	4.0	1.4	20.9	2.320	-0.3	0.0	94.9	118.2	17.7	26.1	GR	2.653	98.9	94.9	17.6	2.695	2.91	0.05	\$
1190.5	55	4.0	1.4	19.9	2.348	-0.3	0.0	104.5	135.7	19.5	37.0	DN	2.633	100.0	100.0	14.2	2.699	2.96	0.05	\$
1191.5	43	3.0	1.3	19.4	2.320	-0.3	0.0	112.7	128.3	19.0	26.4	GR	2.636	100.0	100.0	16.9	2.683	3.06	0.05	\$
1192.4	52	3.8	1.5	20.7	2.304	-0.3	0.0	95.6	114.2	18.9	29.7	DN	2.629	99.1	95.6	17.4	2.685	3.09	0.05	\$
1193.3	37	2.9	1.2	19.2	2.297	-0.3	1.6	108.7	126.0	18.2	14.5	GR	2.647	100.0	100.0	19.8	2.671	3.17	0.06	\$
1194.2	45	3.3	1.4	18.4	2.360	-0.3	0.0	119.6	139.4	17.6	29.7	GR	2.645	100.0	100.0	14.5	2.693	3.33	0.06	\$
1195.1	63	4.5	2.5	19.6	2.380	-0.3	0.0	105.7	113.2	17.3	43.6	DN	2.635	100.0	100.0	11.8	2.713	3.38	0.06	\$
1196.0	72	3.1	1.5	23.6	2.308	-0.3	0.0	101.9	115.4	20.8	44.9	DN	2.621	100.0	100.0	15.9	2.710	3.38	0.06	\$
1196.9	54	5.1	3.3	27.6	2.511	-0.3	0.0	96.2	96.5	13.6	48.3	GR	2.959	96.5	96.2	11.7	2.928	3.38	0.06	5
1197.9	42	2.7	1.1	23.4	2.274	-0.3	1.6	100.5	119.4	18.8	23.4	GR	2.655	100.0	100.0	20.8	2.692	3.50	0.06	\$
1198.8	39	3.1	1.0	21.4	2.270	-0.2	1.7	97.2	125.0	19.2	18.9	GR	2.642	99.4	97.2	20.9	2.675	3.69	0.06	\$
1199.7	43	2.6	0.9	25.7	2.259	-0.3	0.0	96.8	123.1	21.3	26.2	GR	2.664	99.3	96.8	21.8	2.703	3.89	0.07	\$

Hydrocarbon Volume ReportCut off parameters

1. PHIE less than 0.050
2. SW greater than 1.000
3. VCL greater than 0.300

Zone no. 2	From 1164.946	To 1199.998 M
Total depth interval	=	35.052 M
Net Pay depth interval	=	45.644 M
Average effective porosity	=	19.87 %
Average water saturation	=	96.14 %
Average volume of clay	=	11.70 %
Integrated net porosity	=	9.069 M
Integrated hydrocarbon porosity	=	0.354 M