

Zone No. 3 MOCAMBORO 11

GEOLOGICAL SURVEY OF VICTORIA

Complex Lithology Results

31-07-91

DEPT. NAT. RES & ENV



PE906600

Hydrocarbon Volume Report  
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Cut off parameters  
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1. PHIE less than 0.050
2. SW greater than 1.000
3. VCL greater than 0.300

Zone no. 3	From 1199.998	To 1255.014 M
Total depth interval	=	55.016 M
Net Pay depth interval	=	33.833 M
Average effective porosity	=	20.64 %
Average water saturation	=	96.70 %
Average volume of clay	=	18.73 %
Integrated net porosity	=	6.984 M
Integrated hydrocarbon porosity	=	0.243 M

Zone No.	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	FVCL	RHOMAU	SXO	SW	PHIE	RHOMA	POR-M	HC-M	FLAGS																																																								
1255.0	83	4.0	1.9	23.3	2.389	-0.3	0.0	118.0	137.4	20.1	48.1	GR	2.673	100.0	100.0	9.9	2.775	0.00	0.00																																																									
1255.9	62	2.9	1.6	25.6	2.327	-0.3	0.0	108.0	107.1	20.8	24.2	GR	2.706	100.0	100.0	18.4	2.754	0.05	0.00	\$																																																								
1256.8	56	3.2	1.5	25.7	2.396	-0.3	0.0	106.0	111.4	19.5	17.9	GR	2.792	100.0	100.0	18.7	2.813	0.22	0.00	\$																																																								
1257.8	84	4.4	2.8	24.9	2.365	-0.4	0.0	104.7	104.8	18.4	49.0	GR	2.672	100.0	100.0	11.2	2.776	0.27	0.00																																																									
1258.7	59	2.9	1.2	22.9	2.318	-0.3	0.0	111.0	126.0	22.4	21.5	GR	2.677	100.0	100.0	18.2	2.709	0.33	0.00	\$																																																								
1259.6	65	2.8	1.4	22.6	2.305	-0.3	0.0	113.6	120.4	22.1	27.8	GR	2.652	100.0	100.0	17.1	2.700	0.50	0.00	\$																																																								
1260.5	67	3.3	1.5	24.9	2.321	-0.3	0.0	96.0	112.5	20.8	30.5	GR	2.683	99.2	96.0	16.9	2.740	0.63	0.00																																																									
1261.4	47	3.4	1.3	25.9	2.289	-0.4	0.0	88.6	101.7	20.9	7.3	GR	2.711	97.6	88.6	23.6	2.726	0.81	0.01	\$																																																								
1262.3	57	3.0	1.1	24.9	2.285	-0.3	0.0	98.4	116.8	22.3	18.4	GR	2.683	99.7	98.4	20.9	2.709	1.03	0.03	\$																																																								
1263.2	55	3.2	1.2	24.1	2.305	-0.3	0.0	98.8	118.4	22.1	16.2	GR	2.691	99.8	98.8	20.4	2.714	1.22	0.04	\$																																																								
1264.2	61	3.8	1.4	20.6	2.305	-0.4	0.0	99.6	122.5	18.5	23.5	DN	2.642	99.9	99.6	17.3	2.685	1.39	0.04	\$																																																								
1265.1	74	3.9	1.6	26.9	2.364	-0.3	0.0	99.5	119.5	22.1	37.5	GR	2.734	99.9	99.5	14.9	2.801	1.46	0.04																																																									
1266.0	56	2.2	0.9	28.3	2.245	-0.3	0.0	102.1	111.7	26.6	17.5	GR	2.694	100.0	100.0	23.9	2.722	1.63	0.05	\$																																																								
1266.9	61	3.2	1.2	29.1	2.317	-0.4	0.0	92.0	106.6	22.2	22.9	GR	2.758	98.4	92.0	21.0	2.792	1.84	0.05	\$																																																								
1267.8	71	4.0	1.6	24.8	2.323	-0.4	0.0	95.6	115.7	21.8	35.0	GR	2.673	99.1	95.6	15.3	2.739	1.95	0.06																																																									
1268.7	66	3.2	1.5	28.3	2.314	-0.3	0.0	95.9	102.4	21.2	29.1	GR	2.725	99.2	95.9	19.0	2.779	2.03	0.06	\$																																																								
1269.6	79	3.0	1.5	26.6	2.311	-0.3	0.0	107.0	116.2	22.4	42.8	GR	2.666	100.0	100.0	15.2	2.754	2.12	0.06																																																									
1270.6	56	3.5	1.7	28.0	2.399	-0.4	0.0	95.2	99.8	18.9	17.4	GR	2.832	99.0	95.2	20.1	2.844	2.18	0.06	\$																																																								
1271.5	76	3.3	1.6	26.3	2.340	-0.4	0.0	108.2	120.4	20.1	40.5	GR	2.692	100.0	100.0	14.6	2.774	2.24	0.07																																																									
1272.4	58	2.6	1.1	25.0	2.307	-0.4	0.0	109.2	123.8	22.3	20.2	GR	2.694	100.0	100.0	19.8	2.729	2.42	0.07	\$																																																								
1273.3	80	3.5	1.7	26.5	2.333	-0.4	0.0	104.7	117.0	22.1	44.5	GR	2.679	100.0	100.0	14.0	2.770	2.51	0.07																																																									
1274.2	75	3.9	1.9	24.5	2.326	-0.4	0.0	99.5	107.8	20.4	38.7	GR	2.663	99.9	99.5	14.8	2.738	2.51	0.07																																																									
1275.1	59	3.0	1.2	27.3	2.287	-0.4	0.0	94.8	110.9	20.4	21.0	GR	2.703	98.9	94.8	21.2	2.743	2.58	0.08	\$																																																								
1276.0	56	3.0	1.1	29.0	2.267	-0.4	0.0	89.6	104.4	20.7	17.9	GR	2.715	97.8	89.6	23.3	2.750	2.77	0.09	\$																																																								
1277.0	52	2.3	1.0	28.9	2.241	-0.3	0.0	98.1	105.0	22.4	13.6	GR	2.704	99.6	98.1	25.1	2.728	3.00	0.11	\$																																																								
1277.9	50	2.7	1.0	25.2	2.254	-0.3	0.1	95.8	113.6	21.5	10.7	GR	2.682	99.1	95.8	23.9	2.697	3.22	0.11	\$																																																								
1278.8	83	4.6	2.0	27.6	2.361	-0.3	0.0	94.2	112.3	19.6	47.4	GR	2.714	98.8	94.2	12.8	2.808	3.36	0.12																																																									
1279.7	47	2.8	1.3	23.8	2.293	-0.3	0.0	101.2	103.9	22.8	8.2	GR	2.693	100.0	100.0	22.4	2.704	3.50	0.13	\$																																																								
1280.6	65	2.8	1.3	26.1	2.319	-0.3	0.0	108.5	115.2	22.7	27.6	GR	2.700	100.0	100.0	18.1	2.754	3.70	0.13	\$																																																								
1281.5	67	3.4	1.7	20.3	2.319	-0.3	0.0	109.7	116.0	19.9	25.7	DN	2.643	100.0	100.0	16.1	2.689	3.82	0.13	\$																																																								
1282.4	78	3.3	1.7	24.1	2.311	-0.3	0.0	106.0	112.7	21.1	40.7	DN	2.639	100.0	100.0	14.7	2.719	3.82	0.13																																																									
1283.4	77	2.9	1.3	22.9	2.306	-0.3	0.0	113.9	128.3	21.0	34.0	DN	2.640	100.0	100.0	15.9	2.703	3.82	0.13																																																									
1284.3	61	2.4	1.0	24.6	2.255	-0.3	0.0	106.8	113.0	22.9	23.9	GR	2.651	100.0	100.0	20.7	2.693	4.00	0.13	\$																																																								
1285.2	53	3.0	1.0	23.5	2.243	-0.4	0.6	93.6	117.3	22.0	14.7	GR	2.652	98.7	93.6	22.7	2.678	4.18	0.13	\$																																																								
1286.1	69	3.0	1.0	25.2	2.268	-0.4	0.0	99.2	129.6	20.2	32.2	GR	2.644	99.8	99.2	18.6	2.703	4.34	0.14																																																									
1287.0	50	3.4	1.4	25.5	2.273	-0.4	2.8	87.7	95.3	17.1	11.0	GR	2.694	95.3	87.7	23.2	2.708	4.54	0.16	\$																																																								
1287.9	56	3.0	1.6	24.4	2.323	-0.3	0.0	104.7	105.2	20.4	17.3	GR	2.702	100.0	100.0	19.6	2.734	4.74	0.17	\$																																																								
1288.8	66	3.1	1.5	26.5	2.325	-0.4	0.0	103.1	110.1	18.6	29.1	GR	2.706	100.0	100.0	17.7	2.765	4.88	0.17	\$																																																								
1289.8	66	3.0	1.3	26.3	2.277	-0.3	0.0	96.9	107.2	21.7	28.8	GR	2.672	99.4	96.9	19.4	2.721	4.91	0.17	\$																																																								
1290.7	63	2.7	1.2	28.4	2.262	-0.4	0.0	96.3	106.5	21.4	25.1	GR	2.693	99.2	96.3	21.6	2.738	5.11	0.18	\$																																																								
1291.6	81	5.9	2.8	25.8	2.370	-0.4	0.0	87.9	100.7	17.7	46.1	GR	2.697	97.4	87.9	12.0	2.792	5.11	0.18																																																									
1292.5	68	3.9	1.7	26.2	2.358	-0.4	0.0	98.1	109.7	18.0	30.8	GR	2.731	99.6	98.1	16.3	2.788	5.11	0.18																																																									
1293.4	46	3.5	1.6	26.3	2.360	-0.3	0.0	91.8	95.6	17.3	7.0	GR	2.781	95.6	91.8	22.5	2.790	5.31	0.19	\$																																																								
1294.3	52	3.0	1.4	26.2	2.318	-0.3	0.0	99.4	103.1	18.8	13.3	GR	2.729	99.9	99.4	21.7	2.754	5.51	0.19	\$																																																								
1295.2	61	3.5	1.6	26.7	2.317	-0.3	0.0	93.5	100.9	17.7	23.3	GR	2.714	98.7	93.5	19.4	2.761	5.69	0.20	\$																																																								
1296.2	65	3.5	1.6	22.2	2.320	-0.3	0.0	105.4	113.9	18.4	27.8	GR	2.659	100.0	100.0	16.5	2.704	5.87	0.21	\$																																																								
1297.1	44	2.1	0.8	23.0	2.235	-0.3	0.8	108.7	119.7	23.3	4.9	GR	2.663	100.0	100.0	25.0	2.671	6.07	0.21	\$																																																								
1298.0	99	3.4	1.8	27.0	2.338	-0.3	0.0	112.9	124.4	20.9	60.0	DN	2.637	100.0	100.0	10.6	2.782	6.24	0.21																																																									
1298.9	60	4.1	2.0	32.6	2.392	-0.3	0.0	81.1	83.7	16.6	22.6	GR	2.884	83.7	81.1	21.1	2.888	6.34	0.22	\$																																																								
1299.8	65	3.3	1.5	23.6	2.333	-0.3	0.0	107.3	117.4	18.4	27.6	GR	2.683	100.0	100.0	16.6	2.731	6.39	0.23	\$																																																								
1300.7	59	2.8	1.1	25.0	2.294	-0.3	0.0	103.5	119.4	21.1	21.4	GR	2.684	100.0	100.0	20.0	2.717	6.50	0.23	\$																																																								
1301.6	66	3.8	1.4	26.4	2.339	-0.3	0.0	96.3	115.7	20.8	29.3	GR	2.716	99.2	96.3	17.2	2.774	6.56	0.23	\$																																																								
1302.6	57	2.3	1.0	27.5	2.263	-0.4	0.0	104.2	114.1	20.5	19.2	GR	2.694	100.0	100.0	22.6	2.727	6.77	0.24	\$																																																								
1303.5	71	2.9	1.4	19.5	2.292	-0.5	0.0	111.8	116.2	20.5	15.5	DN	2.642	100.0	100.0	19.1	2.671	6.96	0.24	\$																																																								
1304.4	152	3.5	1.5	28.6	2.367	-0.3	0.0	147.8	204.2	19.7	74.1	SD	2.650	100.0	100.0	4.0	2.825	6.98	0.24	\$																																																								