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**ROCK-EVAL/TOC DATA FOR EIGHT CENTRAL ALBERTA WELLS
(TWPS. 35-50, RGS. 6-21W5)**

By

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ROCK-EVAL/TOC DATA FOR EIGHT CENTRAL ALBERTA WELLS

(Township 35-50 Range 6 to 21W5)

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Cuttings samples have been analyzed using a Rock-Eval/TOC pyrolysis apparatus on a 30 foot or 10 metre spacing over the depth intervals noted for the eight wells listed below from central Alberta. The samples are from the Geological Survey of Canada archive set for Alberta wells and therefore a maximum of 100 mg of material is available for any depth. Duplicate or repeat analyses cannot be run if an instrument failure is suspected and thus the data are presented in an unedited form and must be used with caution. Every effort is made to obtain a representative sample from the vial of cuttings, but because of the small sample size, mixed lithology samples may not be completely representative and mixed lithology intervals may yield some scatter in the data.

Well name and location	Depth Range	
Altana Caroline 5-2-35-6W5	7500	13230 ft
Sinclair Pacific Coalspur 6-26-47-15W5	7800	13480 ft
Westcoast Erith 10-15-50-19W5	1100	8010 ft
Amoco Chiefco A-1 Lovett 2-1-47-18W5	0	14440 ft
Conoco et al Peco 5-26-47-15W5	800	8400 ft
Amoco Chiefco A-1 Sterco 16-25-47-21W5	0	17130 ft
Amoco Chevron A-1 Wawa 10-13-43-15W5	0	15330 ft
Conoco Weald 6-9-50-19W5	9400	14580 ft

Depth units used (feet or metres) are those in which the original well was drilled and logged, and in which the samples are currently labelled. Formation names and depths listed at the end of each well are those in the AEUB (formerly ERCB) files.

Altana Caroline 5-2-35-6W5

Only some Blairmore Group samples (9160-9370 ft) within the Cretaceous - Devonian section examined in this well have high TOC contents. These samples could have significant liquid hydrocarbon potential as they also have high HI values. Tmax values show a good trend of increasing with depth over the Cretaceous section of the well. They suggest a maturity ranging from around the middle of the oil window for the Cardium Formation to the end of the oil window for the basal Mannville. Scattered Tmax data for the deeper samples indicates that this section is in the gas generating zone or overmature.

Sinclair Pacific Coalspur 6-26-47-15W5

Samples from this well cover the Cretaceous to Devonian section. Samples with very high TOC contents occur within the Blairmore Group (9400-10270 ft), with a few greater than 10% suggesting these are coaly intervals. These samples have high relatively HI values (> 200) for their level of maturity possibly indicating that the measured TOC values are too low. There are also samples with relatively high TOC contents within the Duvernay Formation. As these samples are overmature, this represents residual organic carbon after oil and gas generation from this unit. Tmax values show an increase with depth down to about 10,500 ft, including an apparent rapid increase in maturity within the Blairmore Group around 9600 ft. The Cardium formation at the top of the section has reached the oil window while the Nordegg Formation is at the end of the oil window, start of the gas generation zone.

Westcoast Erith 10-15-50-19W5

A discontinuous Cretaceous section was investigated in this well with samples between 4080 and 5190 ft not analysed. Elevated TOC contents occur above the Belly River Group. These samples have relatively low HI values for their level of maturity suggesting Type III organic matter and probably coaly material. Tmax values increase with depth over the entire analysed section, ranging from marginally mature for the upper samples to approaching the end of the oil window for the base of the well.

Amoco Chiefco A-1 Lovett 2-1-47-18W5

This well penetrated a Cretaceous to Mississippian section. The Belly River Group section shows highly variable TOC contents. Some of the samples with high TOC contents (especially in the 5000-9640 ft interval) have high HI values suggesting they contain Type I or II organic matter and have significant hydrocarbon potential (e.g. 7200 ft has 12.89 % TOC and HI of 720mg HC/g TOC). This section is marginally mature. To our knowledge, there have been no reports of potentially high quality (oil prone) petroleum source rocks in within the Belly River Group. Hence while caution should be used before assigning any source potential to this interval based just on this cuttings data, these results indeed indicate the presence of a previously undocumented oil source. Other Belly River Group samples have very high TOC contents (>20%) with low HI values indicating they represent coaly intervals. There are also some Blairmore Group samples with high TOC contents that are also likely associated with coals. The Tmax profile shows a slow increase with depth through the Belly River Group and then shows a steeper increase from the Colorado Group down to the Banff Formation (~ 12,600 ft). Belly River Group samples are marginally mature while the Banff Formation has reached the gas generation zone.

Conoco et al. Peco 5-26-47-15W5

Only Cretaceous sediments were analysed from this well. Once again there are a few Belly River Group samples that have very high TOC values but there are no high HI values such as those observed for the Lovett 2-1-47-18W5 well. This does not seem to be related to differences in

maturity as the Belly River Group in this Peco well is of similar maturity to the Lovett well. Some of the high TOC samples from the Peco well show indications of being contaminated such as those from 3620 ft and 3650 ft which have very low Tmax values while others represent coaly intervals. Tmax values indicate that the organic matter in this well is marginally mature in the upper section and in the early part of the oil window at the bottom of the analysed section.

Amoco Chiefco A-1 Sterco 16-25-47-21W5

A Cretaceous to Devonian section was analysed in this well. Some high TOC samples occur in the upper part within the Edmonton Group. These are associated with HI values suggesting Type III organic matter and probably contain coals. Two samples within the Brazeau Formation (6220 and 6460 ft) have high TOC and HI values together with lower Tmax values than surrounding samples suggesting they may be contaminated. Samples with high TOC contents in the Luscar Formation are also likely from coaly intervals. Tmax generally shows a good trend of increasing with depth until the base of the Luscar Formation. Organic matter is marginally mature around 4000 ft and is in the dry gas zone in and below the Luscar Formation.

Amoco Chevron A-1 Wawa 10-13-43-15W5

Cuttings from Upper Cretaceous to Devonian age were analysed in this well. Several samples in the Edmonton Group have high TOC contents, sometimes with high HI values suggesting Type II organic matter although most appear to be Type III organic matter. The rest of the section is generally organic-lean, although higher TOC contents at 13110 ft and 15000-15120 ft probably correspond to residual organic carbon remaining after hydrocarbon generation in the Exshaw and Duvernay formations, respectively. Tmax values increase with depth until about the Jurassic interval. Organic matter is marginally mature in the Edmonton Group and reaches the end of the oil window around 11250 ft in the Mannville Group. The Mississippian-Devonian section is overmature.

Conoco Weald 6-9-50-19W5

The Cretaceous-Devonian section analysed in this well had very few samples with high TOC values. The two samples at the base of the Ireton Formation with elevated TOC values may be overmature Duvernay Formation. Tmax values indicate that the organic matter in the upper part of the well is already in the later stages of the oil window. The Devonian-Mississippian section is overmature.

Altana Caroline 5-2-35-6W5					7500 13230 ft				
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
7570F	.98	.15	1.52	445	.23	1.29	.28	131	28
7600	.62	.14	1.15	446	.16	.99	.14	159	22
7630	.98	.12	1.73	445	.20	1.53	.28	156	28
7660	.65	.13	1.17	447	.15	1.02	.08	156	12
7690	.60	.12	.89	444	.11	.78	.19	130	31
7720	.50	.15	.91	443	.14	.77	.03	154	6
7750	.41	.14	.85	442	.12	.73	.10	178	24
7780	1.20	.09	1.35	444	.12	1.23	.29	102	24
7810	.75	.14	.81	445	.11	.70	.34	93	45
7830	.63	.11	.92	445	.10	.82	.17	130	26
7860	.49	.17	.65	445	.11	.54	.20	110	40
7890	.50	.17	.64	445	.11	.53	.18	105	36
7920	.48	.15	.73	446	.11	.62	.15	129	31
7950	.60	.10	1.03	444	.10	.93	.25	155	41
7980	.54	.13	.68	438	.09	.59	.20	109	37
8010	.57	.20	.92	444	.18	.74	.26	129	45
8040	1.18	.05	1.30	444	.06	1.24	.22	105	18
8070	.40	.18	.90	446	.16	.74	.11	185	27
8110	.80	.15	1.34	447	.20	1.14	.13	142	16
8140	.70	.22	2.02	449	.44	1.58	.12	225	17
8170	.75	.22	2.01	450	.45	1.56	.20	208	26
8200	.79	.24	2.29	449	.54	1.75	.27	221	34
8230	.76	.23	1.98	451	.46	1.52	.22	200	28
8260	.86	.23	1.98	450	.46	1.52	.25	176	29
8290	.85	.24	1.97	450	.48	1.49	.24	175	28
8320	.68	.22	1.68	449	.37	1.31	.21	192	30
8350	.93	.24	2.45	452	.58	1.87	.24	201	25
8380	.88	.23	2.30	451	.53	1.77	.31	201	35
8410	.93	.23	2.77	451	.63	2.14	.28	230	30
8440	.78	.20	1.36	446	.27	1.09	.19	139	24
8470	.85	.25	2.12	452	.52	1.60	.27	188	31
8500	1.37	.20	2.50	451	.51	1.99	.43	145	31
8530	1.17	.24	3.58	450	.85	2.73	.70	233	59
8560	1.64	.21	4.46	449	.94	3.52	.69	214	42
8590	1.50	.23	4.26	447	.98	3.28	.61	218	40
8620	1.42	.19	4.05	450	.78	3.27	.53	230	37
8650	1.16	.27	3.47	449	.92	2.55	.51	219	43
8680	.83	.25	2.34	451	.58	1.76	.45	212	54
8710	.81	.23	2.08	451	.47	1.61	.34	198	41
8740	.60	.23	1.72	452	.40	1.32	.23	219	38
8770	.47	.21	1.41	452	.30	1.11	.15	236	31
8800	.69	.20	1.58	450	.31	1.27	.24	184	34
8830	.50	.20	1.11	451	.22	.89	.14	178	28
8860	.50	.22	1.40	450	.31	1.09	.14	218	28
8890	.49	.16	1.06	451	.17	.89	.17	181	34
8920	1.33	.12	3.22	453	.38	2.84	.25	213	18
8950	.54	.16	1.08	454	.17	.91	.28	168	51
8980	1.50	.06	3.59	458	.21	3.38	.38	225	25
9010	.56	.13	1.21	457	.16	1.05	.27	187	48
9040	.80	.12	1.64	463	.20	1.44	.22	180	27
9070	.62	.17	.96	449	.16	.80	.15	129	24
9100	.90	.14	2.92	451	.42	2.50	.22	277	24
9130	.51	.19	1.06	452	.20	.86	.16	168	31
9160	3.15	.04	10.18	455	.43	9.75	.65	309	20
9190	2.04	.05	6.54	450	.33	6.21	.52	304	25

Altana Caroline 5-2-35-6W5					7500 13230 ft				
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
9220	5.58	.07	32.54	457	2.27	30.27	1.01	542	18
9250	2.11	.05	7.84	457	.36	7.48	.41	354	19
9280	2.90	.03	9.45	459	.31	9.14	.51	315	17
9310	6.01	.04	33.78	454	1.38	32.40	1.28	539	21
9340	3.75	.04	14.55	458	.57	13.98	.67	372	17
9370	2.85	.04	13.56	457	.57	12.99	.53	455	18
9400	1.34	.06	4.17	456	.23	3.94	.35	294	26
9430	1.64	.08	4.16	459	.34	3.82	.36	232	21
9460	.63	.14	1.51	452	.21	1.30	.24	206	38
9490	.46	.17	1.24	454	.21	1.03	.27	223	58
9520	.56	.15	1.18	461	.18	1.00	.47	178	83
9550	.38	.17	.69	457	.12	.57	.19	150	50
9580	.51	.20	1.02	453	.20	.82	.20	160	39
9610	1.17	.12	7.05	362	.83	6.22	.79	531	67
9640	.67	.17	1.85	464	.32	1.53	.33	228	49
9670	.66	.20	1.38	461	.27	1.11	.31	168	46
9700	.59	.18	1.07	462	.19	.88	.20	149	33
9730	.29	.23	.64	459	.15	.49	.21	168	72
9760	.25	.28	.46	451	.13	.33	.23	132	92
9790	.29	.39	.46	450	.18	.28	.17	96	58
9820	.23	.29	.48	455	.14	.34	.17	147	73
9850	.13	.35	.17	473	.06	.11	.08	84	61
9880	.17	.10	.77	471	.08	.69	.07	405	41
9910	.15	.31	.32	455	.10	.22	.10	146	66
9940	.35	.27	.15	457	.04	.11	.09	31	25
9970	.09	.31	.13	446	.04	.09	.09	99	99
10000	.17	.09	.46	466	.04	.42	.08	247	47
10030	.31	.07	.43	460	.03	.40	.06	129	19
10060	.12	.38	.16	438	.06	.10	.05	83	41
10090	.09	.40	.10	426	.04	.06	.05	66	55
10120	.15	.25	.20	449	.05	.15	.11	100	73
10150	.13	.14	.28	470	.04	.24	.05	184	38
10180	.08	.25	.08	422	.02	.06	.11	75	137
10210	.13	.28	.39	442	.11	.28	.10	215	76
10240	.12	.33	.18	446	.06	.12	.10	100	83
10270	.14	.41	.17	442	.07	.10	.10	71	71
10300	.14	.39	.23	459	.09	.14	.09	100	64
10330	.15	.47	.19	451	.09	.10	.08	66	53
10360	.24	.36	.36	452	.13	.23	.14	95	58
10390	.30	.30	.46	439	.14	.32	.10	106	33
10420	.23	.35	.31	454	.11	.20	.10	86	43
10450	.19	.50	.34	450	.17	.17	.14	89	73
10480	.22	.35	.23	446	.08	.15	.07	68	31
10510	.14	.50	.12	403	.06	.06	.06	42	42
10540	.21	.47	.32	449	.15	.17	.12	80	57
10570	.13	.60	.10	431	.06	.04	.05	30	38
10600	.23	.42	.19	451	.08	.11	.08	47	34
10640	.20	.35	.20	446	.07	.13	.08	65	40
10670	.33	.45	.31	459	.14	.17	.16	51	48
10700	.59	.39	.46	460	.18	.28	.28	47	47
10730	.50	.48	.42	458	.20	.22	.21	44	42
10760	.42	.51	.37	460	.19	.18	.20	42	47
10790	.20	.71	.14	333	.10	.04	.13	20	65
10820	.09	.60	.05	0	.03	.02	.02	22	22
10850	.10	.80	.05	340	.04	.01	.05	10	50

Altana Caroline 5-2-35-6W5					7500 13230 ft				
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
10880	.39	.18	.33	462	.06	.27	.10	69	25
10910	.11	1.00	.01	0	.01	.00	.07	0	63
10940	.07	.50	.06	329	.03	.03	.08	42	114
10970	.06	.75	.04	0	.03	.01	.04	16	66
11000	.07	.75	.04	0	.03	.01	.05	14	71
11030	.29	.24	.21	457	.05	.16	.12	55	41
11060	.20	.43	.14	384	.06	.08	.33	40	165
11090	.11	.67	.03	321	.02	.01	.08	9	72
11120	.10	1.00	.02	0	.02	.00	.17	0	170
11150	.14	.67	.06	355	.04	.02	.13	14	92
11180	.07	.00	.01	0	.00	.01	.07	14	100
11220	.22	.29	.35	456	.10	.25	.10	113	45
11250	.31	.19	.42	446	.08	.34	.07	109	22
11280	.35	.32	.53	438	.17	.36	.12	102	34
11310	.08	.50	.06	446	.03	.03	.01	37	12
11340	.07	.50	.06	358	.03	.03	.02	42	28
11370	.16	.44	.32	419	.14	.18	.11	112	68
11400	.08	.33	.09	415	.03	.06	.04	75	50
11430	.12	.40	.10	441	.04	.06	.04	50	33
11460	.05	.75	.04	0	.03	.01	.03	20	60
11490	.04	.67	.03	317	.02	.01	.01	25	25
11520	.19	.33	.30	441	.10	.20	.08	105	42
11550	.12	.36	.14	419	.05	.09	.05	75	41
11580	.19	.38	.47	435	.18	.29	.14	152	73
11610	.13	.33	.15	436	.05	.10	.04	76	30
11640	.09	.22	.09	338	.02	.07	.02	77	22
11670	.08	.33	.06	374	.02	.04	.06	50	75
11700	.07	.38	.08	371	.03	.05	.07	71	100
11730	.46	.18	.68	433	.12	.56	.48	121	104
11770	.23	.28	.29	444	.08	.21	.12	91	52
11800	.37	.20	.54	446	.11	.43	.12	116	32
11830	.30	.34	.29	442	.10	.19	.20	63	66
11860	.16	.25	.20	452	.05	.15	.07	93	43
11890	.15	.31	.13	441	.04	.09	.11	59	73
11920	.65	.08	1.05	434	.08	.97	.50	149	76
11950	.11	.33	.06	393	.02	.04	.14	36	127
11980	.06	.50	.02	0	.01	.01	.04	16	66
12010	.05	.00	.01	0	.00	.01	.03	20	60
12040	.04	.00	.01	317	.00	.01	.02	25	50
12070	.84	.18	2.25	450	.40	1.85	.22	220	26
12100	.28	.19	.37	452	.07	.30	.08	107	28
12130	.20	.21	.38	453	.08	.30	.06	150	30
12160	.16	.26	.19	453	.05	.14	.08	87	50
12190	.12	1.00	.01	0	.01	.00	.04	0	33
12220	.07	.25	.04	384	.01	.03	.03	42	42
12250	.23	.12	.75	461	.09	.66	.08	286	34
12280	.12	.29	.07	453	.02	.05	.05	41	41
12310	.23	.18	.22	405	.04	.18	.43	78	186
12340	.24	.23	.30	448	.07	.23	.11	95	45
12370	.15	.27	.11	448	.03	.08	.06	53	40
12390	.11	.40	.05	442	.02	.03	.02	27	18
12420	.07	1.00	.01	0	.01	.00	.01	0	14
12450	.07	.00	.01	0	.00	.01	.01	14	14
12480	.05	.00	.01	0	.00	.01	.01	20	20
12510	.10	.00	.01	0	.00	.01	.01	10	10

Altana Caroline 5-2-35-6W5					7500 13230 ft				
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
12540	.10	.67	.03	318	.02	.01	.01	10	10
12570	.07	.00	.01	0	.00	.01	.01	14	14
12600	.06	.00	.01	0	.00	.01	.01	16	16
12630	.03	.00	.01	0	.00	.01	.01	33	33
12660	.03	.00	.01	0	.00	.01	.01	33	33
12690	.05	.00	.01	0	.00	.01	.01	20	20
12720	.13	.33	.12	435	.04	.08	.02	61	15
12750	.08	1.00	.01	0	.01	.00	.03	0	37
12780	.11	.00	.01	0	.00	.01	.01	9	9
12810	.08	.71	.07	373	.05	.02	.04	25	50
12840	.12	.56	.09	0	.05	.04	.09	33	75
12870	.21	.26	.19	438	.05	.14	.12	66	57
12900	.08	.75	.04	418	.03	.01	.03	12	37
12930	.15	.39	.23	441	.09	.14	.09	93	59
12960	.10	.60	.10	415	.06	.04	.06	40	60
12990	.13	.63	.08	345	.05	.03	.07	23	53
13020	.10	.25	.04	358	.01	.03	.05	30	50
13050	.15	.32	.19	433	.06	.13	.03	86	20
13080	.09	.33	.09	378	.03	.06	.01	66	11
13110	.11	.73	.22	304	.16	.06	.84	54	763
13150	.13	.50	.08	350	.04	.04	.02	30	15
13180	.26	.25	.20	445	.05	.15	.15	57	57
13210	.55	.19	.47	444	.09	.38	.22	69	40
13230	.12	.50	.04	378	.02	.02	.08	16	66
Belly River grp				5485F					
Lea Park fm				6420					
Colorado grp				6865					
Cardium fm				7636					
Cardium ss				7732					
Second White Speck				8091					
Fish Scales Base				8641					
Viking ss				8694					
Blairmore grp				8846					
Basal Mannville				9500					
Elkton mbr				9690					
Shunda fm				9762					
Pekisko fm				9905					
Banff fm				10051					
Exshaw fm				10678					
Wabamun grp				10684					
Winterburn grp				11423					
Calmar fm				11540					
Nisku fm				11560					
Ireton fm				11770					
Leduc fm				11861					
Beaverhill Lake fm				12832					

Sinclair Pacific Coalspur 6-26-47-15W5 7800 13480 ft									
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
7850F	.50	.50	.06	423	.03	.03	.33	6	66
7870	.89	.46	.13	329	.06	.07	.56	7	62
7900	2.82	.26	.61	509	.16	.45	.80	15	28
7930	.52	1.00	.03	0	.03	.00	.33	0	63
7960	2.06	.05	.82	476	.04	.78	.74	37	35
7990	.83	.29	.24	440	.07	.17	.42	20	50
8020	1.25	.08	1.16	443	.09	1.07	1.28	85	102
8050	.57	.18	.38	443	.07	.31	.43	54	75
8080	.59	.19	.36	454	.07	.29	.20	49	33
8110	.83	.30	.37	456	.11	.26	.38	31	45
8130	.63	.10	.97	444	.10	.87	.42	138	66
8170	1.49	.06	1.55	438	.09	1.46	.62	97	41
8200	.82	.10	.81	442	.08	.73	.37	89	45
8230	1.32	.08	1.32	443	.10	1.22	.54	92	40
8260	1.01	.08	1.30	442	.10	1.20	.43	118	42
8290	3.35	.07	2.27	440	.16	2.11	.97	62	28
8320	1.65	.10	1.55	442	.15	1.40	.62	84	37
8350	.60	.18	.68	446	.12	.56	.47	93	78
8380	1.48	.10	1.01	451	.10	.91	.62	61	41
8410	.74	.13	1.35	445	.18	1.17	.83	158	112
8440	.78	.13	1.36	444	.18	1.18	.45	151	57
8470	.93	.15	1.64	446	.25	1.39	.51	149	54
8500	1.75	.11	1.37	445	.15	1.22	.66	69	37
8530	1.01	.13	1.28	445	.17	1.11	.44	109	43
8560	1.17	.11	1.93	445	.22	1.71	.53	146	45
8590	1.14	.15	1.47	447	.22	1.25	.49	109	42
8620	1.15	.14	1.86	447	.26	1.60	.46	139	40
8650	.80	.19	.96	446	.18	.78	.39	97	48
8680	1.50	.15	2.41	445	.37	2.04	.71	136	47
8710	1.37	.12	2.20	449	.27	1.93	.50	140	36
8740	2.33	.12	2.85	449	.34	2.51	.93	107	39
8770	1.21	.17	3.25	448	.54	2.71	.59	223	48
8800	1.09	.17	2.36	450	.39	1.97	.74	180	67
8830	1.12	.17	2.43	450	.41	2.02	.42	180	37
8860	1.72	.12	1.81	447	.22	1.59	.67	92	38
8890	1.25	.13	1.76	449	.22	1.54	.43	123	34
8920	1.07	.14	1.68	448	.24	1.44	.51	134	47
8950	.98	.16	1.73	448	.28	1.45	.33	147	33
8980	.70	.19	.78	451	.15	.63	.35	90	50
9010	.98	.22	1.58	446	.34	1.24	.51	126	52
9040	.81	.20	1.15	448	.23	.92	.57	113	70
9070	.94	.22	.82	448	.18	.64	.40	68	42
9100	.77	.13	1.49	447	.20	1.29	.36	167	46
9106	.61	.19	.98	450	.19	.79	.31	129	50
9130	1.09	.20	1.96	449	.39	1.57	.37	144	33
9190	.59	.15	.72	449	.11	.61	.37	103	62
9220	.82	.16	1.78	449	.29	1.49	.42	181	51
9250	1.04	.17	2.84	450	.49	2.35	.54	225	51
9280	.73	.23	1.09	448	.25	.84	.67	115	91
9310	.75	.18	1.36	446	.25	1.11	.45	148	60
9340	.72	.16	1.77	445	.29	1.48	.37	205	51
9370	.83	.12	1.22	447	.15	1.07	.38	128	45
9400	6.59	.09	26.19	454	2.42	23.77	2.19	360	33
9430	1.37	.28	3.69	446	1.03	2.66	.95	194	69
9460	1.35	.08	2.21	449	.18	2.03	1.62	150	120

Sinclair Pacific Coalspur 6-26-47-15W5 7800 13480 ft									
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
9490	3.75	.11	1.61	457	.17	1.44	2.14	38	57
9520	5.26	.06	5.50	458	.35	5.15	2.09	97	39
9550	10.46	.20	2.79	519	.56	2.23	2.27	21	21
9580	4.91	.13	2.41	470	.31	2.10	1.15	42	23
9610	4.35	.10	1.49	481	.15	1.34	1.31	30	30
9640	2.55	.04	2.17	470	.08	2.09	.74	81	29
9670	4.41	.04	4.15	468	.16	3.99	1.39	90	31
9700	4.66	.07	2.75	490	.20	2.55	1.21	54	25
9730	14.02	.04	21.35	467	.77	20.58	3.38	146	24
9760	6.26	.02	9.73	474	.19	9.54	1.67	152	26
9790	15.44	.01	29.41	473	.29	29.12	1.94	188	12
9820	5.94	.02	12.63	469	.25	12.38	3.38	208	56
9850	12.20	.02	25.72	465	.60	25.12	2.68	205	21
9880	8.16	.02	20.26	463	.36	19.90	1.57	243	19
9910	10.97	.02	14.87	467	.25	14.62	2.40	133	21
9940	3.74	.05	6.41	467	.29	6.12	2.09	163	55
9970	5.26	.03	9.58	459	.29	9.29	4.91	176	93
10000	11.43	.02	29.65	465	.62	29.03	2.84	253	24
10030	18.16	.04	41.34	463	1.47	39.87	2.10	219	11
10060	4.81	.03	18.60	461	.62	17.98	1.14	373	23
10090	5.64	.04	11.39	464	.43	10.96	.96	194	17
10120	3.81	.07	8.36	464	.59	7.77	1.62	203	42
10150	6.15	.04	20.84	464	.90	19.94	1.27	324	20
10180	3.09	.07	7.05	462	.49	6.56	1.71	212	55
10210	2.89	.05	8.22	462	.43	7.79	.64	269	22
10240	.74	.13	1.36	471	.18	1.18	.28	159	37
10270	3.27	.03	8.60	458	.30	8.30	1.47	253	44
10300	1.02	.10	3.03	369	.29	2.74	1.24	268	121
10330	.81	.07	1.46	467	.10	1.36	.51	167	62
10360	.60	.14	1.09	464	.15	.94	.40	156	66
10390	.19	.27	.11	476	.03	.08	.13	42	68
10420	.14	.25	.08	334	.02	.06	.07	42	50
10450	.37	1.00	.04	0	.04	.00	.15	0	40
10480	1.18	.34	.38	509	.13	.25	.39	21	33
10510	.35	.06	.16	461	.01	.15	.26	42	74
10540	.46	.21	.24	493	.05	.19	.29	41	63
10570	.56	.03	.39	503	.01	.38	.18	67	32
10600	.23	.10	.10	415	.01	.09	.18	39	78
10630	.76	.06	1.39	456	.08	1.31	.35	172	46
10660	.26	.26	.19	462	.05	.14	.17	53	65
10690	.32	.40	.15	390	.06	.09	.24	28	75
10710	.18	.36	.11	340	.04	.07	.20	38	111
10750	.34	.08	.37	425	.03	.34	.25	100	73
10780	.28	.20	.10	410	.02	.08	.28	28	100
10810	.19	1.00	.01	0	.01	.00	.27	0	142
10840	.11	.00	.02	0	.00	.02	.12	18	109
10870	.08	.50	.06	320	.03	.03	.23	37	287
10900	.92	.15	2.32	352	.35	1.97	3.16	214	343
10930	.49	.17	.58	426	.10	.48	1.15	97	234
10960	.46	.13	.46	436	.06	.40	.78	86	169
10990	.31	.24	.42	425	.10	.32	.85	103	274
11020	.27	.14	.21	466	.03	.18	.49	66	181
11050	1.27	.14	2.10	349	.29	1.81	3.62	142	285
11080	1.04	.05	2.05	410	.10	1.95	2.19	187	210
11110	.13	.33	.09	431	.03	.06	.29	46	223

Sinclair Pacific Coalspur 6-26-47-15W5 7800 13480 ft									
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
11140	.81	.13	1.81	352	.24	1.57	2.96	193	365
11170	.32	.26	.47	400	.12	.35	1.28	109	400
11200	.13	.50	.08	377	.04	.04	.27	30	207
11230	.30	.17	.36	442	.06	.30	.62	100	206
11260	.29	.26	.27	445	.07	.20	.63	68	217
11290	.28	.18	.39	439	.07	.32	.59	114	210
11320	.48	.36	.39	455	.14	.25	.54	52	112
11350	.34	.33	.12	470	.04	.08	.37	23	108
11380	.18	.80	.05	338	.04	.01	.24	5	133
11410	.08	1.00	.01	0	.01	.00	.11	0	137
11440	.09	.50	.06	332	.03	.03	.16	33	177
11470	.09	.25	.04	351	.01	.03	.30	33	333
11500	.10	.60	.05	0	.03	.02	.26	20	260
11530	.07	.67	.03	0	.02	.01	.25	14	357
11560	.18	.07	.15	457	.01	.14	.25	77	138
11590	.04	1.00	.06	0	.06	.00	.24	0	600
11620	.16	.68	.28	362	.19	.09	.75	56	468
11650	.01	.00	.01	0	.00	.01	.04	100	400
11650	.09	.75	.24	352	.18	.06	.50	66	555
11680	.01	.00	.01	0	.00	.01	.03	100	300
11680	.06	.44	.09	338	.04	.05	.26	83	433
11710	.19	.00	.01	0	.00	.01	.03	5	15
11710	.21	.35	.26	362	.09	.17	1.01	80	480
11740	.01	.00	.01	0	.00	.01	.03	100	300
11740	.25	.08	.13	358	.01	.12	.87	48	348
11770	.44	.17	.99	357	.17	.82	2.12	186	481
11800	.49	.10	.80	455	.08	.72	.58	146	118
11830	.07	1.00	.10	0	.10	.00	.36	0	514
11860	.06	.00	.01	0	.00	.01	.19	16	316
11890	.02	1.00	.03	0	.03	.00	.16	0	800
11920	.16	.52	.23	358	.12	.11	.37	68	231
11950	.10	.10	.10	380	.01	.09	.20	90	200
11980	.03	.00	.01	0	.00	.01	.11	33	366
12010	.06	.50	.06	0	.03	.03	.22	50	366
12040	.19	.41	.41	415	.17	.24	.56	126	294
12070	.07	.50	.02	0	.01	.01	.34	14	485
12100	.34	.04	.24	360	.01	.23	1.60	67	470
12130	.14	.20	.05	366	.01	.04	.82	28	585
12160	.06	.67	.03	310	.02	.01	.29	16	483
12190	.19	.19	.16	401	.03	.13	.59	68	310
12220	.18	.45	.11	407	.05	.06	.34	33	188
12250	.10	.33	.09	323	.03	.06	.21	60	210
12280	.15	.40	.10	338	.04	.06	.23	40	153
12310	.13	.23	.13	338	.03	.10	.36	76	276
12340	.17	.29	.14	395	.04	.10	.52	58	305
12370	.15	.33	.15	381	.05	.10	.48	66	320
12400	1.03	.15	2.84	338	.44	2.40	3.92	233	380
12430	.36	.43	.21	439	.09	.12	.62	33	172
12460	.15	.38	.08	402	.03	.05	.44	33	293
12490	.04	.67	.03	310	.02	.01	.27	25	675
12520	.05	.00	.01	420	.00	.01	.26	20	520
12550	.09	.50	.04	348	.02	.02	.24	22	266
12580	.13	.29	.17	421	.05	.12	.52	92	400
12610	.17	.25	.20	454	.05	.15	.43	88	252
12640	.29	.21	.38	421	.08	.30	1.17	103	403

Sinclair Pacific Coalspur 6-26-47-15W5 7800 13480 ft									
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
12670	.13	.16	.19	432	.03	.16	.28	123	215
12700	.10	.36	.11	432	.04	.07	.40	70	400
12730	.10	.44	.09	364	.04	.05	.20	50	200
12760	.20	.36	.14	0	.05	.09	.59	45	294
12790	.18	.32	.22	427	.07	.15	.43	83	238
12820	.07	.57	.07	322	.04	.03	.18	42	257
12850	.11	.50	.06	0	.03	.03	.28	27	254
12880	.19	.18	.38	432	.07	.31	.32	163	168
12910	.13	.26	.19	420	.05	.14	.52	107	400
12940	.08	.40	.05	365	.02	.03	.26	37	325
12970	.21	.19	.26	442	.05	.21	.48	100	228
13000	.33	.09	.47	429	.04	.43	.94	130	284
13030	.15	.17	.06	451	.01	.05	.42	33	280
13060	.12	.31	.13	406	.04	.09	.39	75	325
13090	.13	.33	.06	355	.02	.04	.48	30	369
13120	.14	.38	.16	398	.06	.10	.38	71	271
13150	2.90	.23	5.42	332	1.27	4.15	4.70	143	162
13180	.28	.13	.23	401	.03	.20	1.11	71	396
13210	.72	.14	.81	347	.11	.70	2.19	97	304
13240	1.72	.53	.59	481	.31	.28	.67	16	38
13270	1.64	.45	.69	471	.31	.38	.59	23	35
13300	2.34	.56	.75	482	.42	.33	.61	14	26
13330	1.05	.07	.83	338	.06	.77	1.93	73	183
13360	2.42	.10	2.56	336	.26	2.30	3.78	95	156
13390	.42	.14	.07	440	.01	.06	.38	14	90
13420	.11	.00	.01	0	.00	.01	.28	9	254
13450	.17	1.00	.01	0	.01	.00	.31	0	182
13480	1.08	.06	.18	488	.01	.17	.77	15	71
Belly River Grp			5704F						
Lea Park Fm			6733						
Colorado Grp			7127						
Bad Heart Fm			7705						
Cardium Fm			7927						
Cardium Ss			8021						
Second White Speck			8419						
Fish Scales Base			9118						
Viling Fm			9213						
Blairmore Grp			9286						
Rock Creek Mbr			10208						
Poker Chip Sh			10297						
Nordegg Mbr			10345						
Elkton Mbr			10508						
Shunda Fm			10526						
Pekisko Fm			10738						
Banff Fm			10883						
Wabamun Grp			11390						
Graminia Fm			12080						
Calmar Fm			12258						
Nisku Fm			12270						
Woodbend Grp			12429						
Ireton Fm			12567						
Duvernay Fm			13074						
Beaverhill Lake Fm			13370						
Elk Point Grp			13812						
Lynx Grp			13826						

Sinclair Pacific Coalspur 6-26-47-15W5 7800 13480 ft
DEPTH TOC PI S1+S2 TMAX S1 S2 S3 HI OI

Westcoast Erith 10-15-50-19W5					1100 8010 ft				
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
1140F	4.48	.09	4.34	434	.39	3.95	2.31	88	51
1170	1.00	.14	.93	434	.13	.80	.64	80	64
1200	8.39	.07	12.66	432	.89	11.77	4.84	140	57
1230	.45	.23	.31	431	.07	.24	.33	53	73
1260	.14	.64	.14	399	.09	.05	.12	35	85
1290	.25	.47	.19	419	.09	.10	.18	40	72
1320	.67	.23	.47	427	.11	.36	.59	53	88
1350	.95	.22	.65	436	.14	.51	.52	53	54
1380	2.18	.06	2.35	429	.14	2.21	.85	101	38
1410	4.55	.05	3.69	436	.19	3.50	1.78	76	39
1440	.29	.32	.47	434	.15	.32	.23	110	79
1470	7.99	.02	9.76	429	.15	9.61	3.00	120	37
1500	1.46	.03	1.35	429	.04	1.31	.62	89	42
1530	.85	.13	.54	436	.07	.47	.33	55	38
1770	2.45	.04	1.65	438	.07	1.58	1.01	64	41
1890	25.53	.01	30.30	432	.30	30.00	5.58	117	21
1950	1.18	.17	.41	442	.07	.34	1.03	28	87
1980	6.09	.08	2.66	441	.22	2.44	2.49	40	40
2010	9.01	.02	12.99	435	.21	12.78	4.22	141	46
2040	2.28	.07	1.38	437	.10	1.28	.96	56	42
2070	3.42	.05	2.00	439	.10	1.90	1.25	55	36
2100	3.92	.04	2.09	436	.08	2.01	1.25	51	31
2130	3.69	.04	1.79	446	.08	1.71	1.46	46	39
2160	1.06	.10	.51	435	.05	.46	1.05	43	99
2190	1.75	.06	1.54	428	.10	1.44	.62	82	35
2220	6.20	.02	5.45	437	.11	5.34	2.46	86	39
2250	4.09	.05	2.79	437	.15	2.64	1.14	64	27
2280	.59	.14	.36	437	.05	.31	.22	52	37
2310	9.64	.01	23.56	430	.33	23.23	3.79	240	39
2340	4.70	.02	6.69	435	.13	6.56	1.26	139	26
2370	1.11	.07	.81	439	.06	.75	.39	67	35
2430	1.05	.06	.79	434	.05	.74	.35	70	33
2460	2.78	.04	3.35	434	.12	3.23	.64	116	23
2490	2.50	.05	3.28	436	.15	3.13	.55	125	22
2520	2.08	.04	1.80	437	.07	1.73	.54	83	25
2550	.44	.13	.30	439	.04	.26	.11	59	25
2580	1.85	.06	1.78	438	.10	1.68	.48	90	25
2700	2.14	.03	2.07	438	.06	2.01	.55	93	25
2910	2.56	.03	2.47	437	.07	2.40	.58	93	22
2940	4.06	.03	8.34	434	.22	8.12	.69	200	16
2970	.42	.14	.42	438	.06	.36	.26	85	61
3000	17.70	.01	46.61	428	.49	46.12	4.06	260	22
3030	.51	.13	.38	438	.05	.33	.48	64	94
3060	6.21	.02	12.18	430	.19	11.99	1.76	193	28
3090	3.90	.02	10.07	436	.25	9.82	.75	251	19
3120	2.37	.04	2.88	441	.11	2.77	.66	116	27
3150	4.09	.04	2.78	441	.10	2.68	1.39	65	33
3180	1.22	.11	1.14	439	.12	1.02	.34	83	27
3210	1.60	.04	1.40	439	.05	1.35	.34	84	21
3240	1.46	.06	1.63	437	.09	1.54	.27	105	18
3270	4.71	.01	6.74	435	.09	6.65	.99	141	21
3300	2.03	.07	1.57	431	.11	1.46	.50	71	24
3330	3.53	.03	3.90	439	.11	3.79	.76	107	21
3360	7.12	.01	8.94	434	.13	8.81	2.70	123	37
3390	3.20	.02	3.52	434	.06	3.46	.74	108	23

Westcoast Erith 10-15-50-19W5					1100 8010 ft				
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
3420	2.55	.03	1.81	440	.05	1.76	.82	69	32
3450	5.31	.01	8.85	431	.12	8.73	1.48	164	27
3480	6.83	.01	10.72	431	.13	10.59	1.65	155	24
3510	2.15	.03	1.62	435	.05	1.57	.64	73	29
3540	3.56	.03	3.86	436	.11	3.75	.74	105	20
3570	6.73	.02	13.29	434	.20	13.09	1.60	194	23
3600	6.26	.02	7.18	435	.15	7.03	1.45	112	23
3630	3.23	.03	3.17	439	.08	3.09	.81	95	25
3660	7.24	.01	10.98	432	.16	10.82	2.12	149	29
3690	1.19	.07	1.24	442	.09	1.15	.29	96	24
3720	1.46	.04	.76	444	.03	.73	.49	50	33
3750	.66	.14	.80	435	.11	.69	.20	104	30
3780	.76	.07	.83	442	.06	.77	.17	101	22
3810	6.26	.01	10.19	432	.12	10.07	1.02	160	16
3840	4.94	.02	6.37	438	.15	6.22	1.03	125	20
3870	2.51	.03	3.45	440	.12	3.33	.43	132	17
3900	5.62	.01	8.08	435	.10	7.98	.89	141	15
3930	5.83	.02	9.94	435	.18	9.76	1.06	167	18
3960	7.50	.01	16.04	427	.19	15.85	1.72	211	22
3990	6.07	.01	9.51	432	.14	9.37	1.36	154	22
4020	4.90	.03	6.88	433	.18	6.70	.98	136	20
4050	6.12	.01	12.20	433	.18	12.02	1.63	196	26
4080	25.18	.01	35.74	434	.37	35.37	5.37	140	21
5190	1.40	.06	1.79	443	.10	1.69	.31	120	22
5220	.40	.14	.42	440	.06	.36	.19	90	47
5250	.40	.15	.39	439	.06	.33	.12	82	30
5280	.68	.11	.71	441	.08	.63	.09	92	13
5310	.54	.17	.47	443	.08	.39	.26	72	48
5340	.26	.22	.27	441	.06	.21	.11	80	42
5370	.61	.12	.60	438	.07	.53	.08	86	13
5400	.38	.18	.38	438	.07	.31	.05	81	13
5430	.50	.12	.65	413	.08	.57	.10	114	20
5460	1.00	.05	1.50	440	.07	1.43	.11	143	11
5490	.25	.19	.21	444	.04	.17	.04	68	16
5520	.24	.18	.17	443	.03	.14	.05	58	20
5550	.27	.24	.21	442	.05	.16	.05	59	18
5580	.14	.25	.12	445	.03	.09	.01	64	7
5610	.18	.21	.14	439	.03	.11	.01	61	5
5640	.21	.18	.17	440	.03	.14	.01	66	4
5670	.40	.13	.30	444	.04	.26	.05	65	12
5700	.18	.17	.12	462	.02	.10	.01	55	5
5730	.41	.17	.36	442	.06	.30	.07	73	17
5750	.45	.16	.37	443	.06	.31	.71	68	157
5780	.59	.12	.52	444	.06	.46	.15	77	25
5810	.41	.19	.26	447	.05	.21	.05	51	12
5840	.21	.33	.09	452	.03	.06	.04	28	19
5880	.08	.25	.08	459	.02	.06	.01	75	12
5910	.35	.17	.30	443	.05	.25	.40	71	114
5940	.42	.14	.36	441	.05	.31	.06	73	14
5970	.39	.17	.29	439	.05	.24	.17	61	43
6000	.26	.23	.22	444	.05	.17	.18	65	69
6030	.19	.33	.12	459	.04	.08	.01	42	5
6070	.48	.15	.48	439	.07	.41	.07	85	14
6100	.59	.08	.52	445	.04	.48	.10	81	16
6130	.35	.20	.35	443	.07	.28	.01	80	2

Westcoast Erith 10-15-50-19W5					1100 8010 ft				
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
6160	1.54	.05	1.64	434	.09	1.55	.52	100	33
6190	.97	.06	.82	441	.05	.77	.23	79	23
6220	.73	.12	.49	444	.06	.43	.26	58	35
6250	.44	.09	.43	441	.04	.39	.12	88	27
6280	.57	.33	.57	445	.19	.38	1.44	66	252
6310	.38	.15	.33	448	.05	.28	.06	73	15
6340	.58	.13	.70	445	.09	.61	.16	105	27
6370	1.07	.11	.82	446	.09	.73	.18	68	16
6400	.33	.13	.30	449	.04	.26	.01	78	3
6430	.69	.13	.87	449	.11	.76	.08	110	11
6480	.37	.26	.58	445	.15	.43	.07	116	18
6510	1.17	.02	5.49	413	.12	5.37	.27	458	23
6540	.68	.17	.94	442	.16	.78	.11	114	16
6570	.79	.18	.71	450	.13	.58	.40	73	50
6600	.60	.21	.80	448	.17	.63	.16	104	26
6630	.56	.20	.71	447	.14	.57	.07	101	12
6660	.61	.25	.83	445	.21	.62	.30	101	49
6690	.50	.25	.64	446	.16	.48	.21	96	42
6720	.55	.29	.66	449	.19	.47	.06	85	10
6750	.49	.44	.78	448	.34	.44	.10	89	20
6780	.56	.29	.58	446	.17	.41	.18	73	32
6810	.56	.14	.51	448	.07	.44	.19	78	33
6840	.57	.25	.92	446	.23	.69	.05	121	8
6870	.60	.24	1.11	449	.27	.84	.26	140	43
6900	.57	.27	1.26	449	.34	.92	.32	161	56
6930	.79	.30	2.11	449	.63	1.48	.06	187	7
6960	.69	.29	1.71	449	.49	1.22	.07	176	10
6990	.63	.28	1.74	450	.48	1.26	.06	200	9
7020	.83	.26	1.97	448	.52	1.45	.12	174	14
7050	.92	.26	2.43	449	.62	1.81	.11	196	11
7080	.96	.30	2.35	448	.71	1.64	.15	170	15
7110	.75	.30	2.26	450	.68	1.58	.08	210	10
7150	.68	.30	1.90	450	.57	1.33	.12	195	17
7180	.57	.29	2.08	448	.61	1.47	.14	257	24
7210	.65	.28	1.94	452	.54	1.40	.07	215	10
7240	.74	.32	1.80	451	.57	1.23	.07	166	9
7270	.82	.23	1.99	449	.46	1.53	.16	186	19
7300	.71	.30	1.80	452	.54	1.26	.17	177	23
7330	.64	.29	1.10	451	.32	.78	.13	121	20
7360	.61	.31	1.06	451	.33	.73	.46	119	75
7390	.51	.26	1.21	452	.32	.89	.73	174	143
7420	.53	.26	.65	452	.17	.48	.75	90	141
7450	.66	.28	1.15	453	.32	.83	.32	125	48
7480	.60	.33	1.37	449	.45	.92	.09	153	14
7510	.57	.30	.93	454	.28	.65	.35	114	61
7540	.51	.33	.57	450	.19	.38	.35	74	68
7570	.62	.33	.85	451	.28	.57	.18	91	29
7600	.56	.29	1.25	451	.36	.89	.12	158	21
7630	.51	.31	1.29	452	.40	.89	.06	174	11
7660	.91	.24	2.28	452	.55	1.73	.15	190	16
7690	.73	.27	1.62	454	.43	1.19	.16	163	21
7720	.70	.33	1.49	454	.49	1.00	.11	142	15
7750	.69	.32	1.40	458	.45	.95	.08	137	11
7780	.58	.30	1.03	453	.31	.72	.43	124	74
7820	.69	.29	1.49	455	.43	1.06	.14	153	20

Westcoast Erith 10-15-50-19W5						1100	8010	ft	
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
7845	.45	.30	.86	453	.26	.60	.23	133	51
7870	.64	.30	1.05	455	.31	.74	.11	115	17
7950	.37	.36	.85	449	.31	.54	.22	145	59
7980	.62	.28	.99	456	.28	.71	.39	114	62
8010	.49	.37	.65	454	.24	.41	.08	83	16
Kneehills Tuff Zone				3213F					
Belly River Grp.				5479					
Lea Park Fm.				6563					
Colorado Grp.				7051					
Cardium Fm.				7740					
Cardium SS				7835					

Amoco Chiefco A-1 Lovett 2-1-47-18W5						5014440 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
70F	.93	.53	1.03	407	.55	.48	.68	51	73
100	2.02	.44	.88	447	.39	.49	1.23	24	60
130	.80	.66	.71	412	.47	.24	.70	30	87
160	1.15	.45	1.31	436	.59	.72	.72	62	62
190	.35	.90	.58	0	.52	.06	.39	17	111
220	.33	.83	.66	386	.55	.11	.65	33	196
240	.50	.80	.44	0	.35	.09	.66	18	132
420	.53	.86	.42	0	.36	.06	.33	11	62
530	.71	.75	.48	0	.36	.12	.41	16	57
600	.56	.86	.35	0	.30	.05	.31	8	55
780	.69	.65	.66	391	.43	.23	.38	33	55
830	.85	.82	.97	320	.80	.17	.59	20	69
860	.96	.66	1.58	433	1.04	.54	.53	56	55
900	.48	.81	.73	362	.59	.14	.12	29	25
950	.38	.93	.55	364	.51	.04	.08	10	21
1090	.23	.92	.26	0	.24	.02	.21	8	91
1090	.83	.29	1.17	455	.34	.83	2.28	100	274
1130	.57	.81	.53	342	.43	.10	.20	17	35
1130	.69	.35	.84	465	.29	.55	1.67	79	242
1160	1.79	.30	1.11	440	.33	.78	.70	43	39
1180	.63	.32	.57	431	.18	.39	.35	61	55
1210	.28	.58	.36	392	.21	.15	.24	53	85
1240	4.57	.09	4.71	431	.43	4.28	1.80	93	39
1270	.51	.39	.61	418	.24	.37	.27	72	52
1310	.66	.39	.76	429	.30	.46	.32	69	48
1340	1.04	.33	.87	435	.29	.58	.49	55	47
1370	.28	.56	.34	410	.19	.15	.16	53	57
1390	.23	.67	.24	324	.16	.08	.13	34	56
1396	.04	.60	.10	395	.06	.04	.09	100	225
1440	.50	.46	.57	427	.26	.31	.27	62	54
1460	.72	.38	.88	436	.33	.55	.35	76	48
1500	1.07	.41	1.29	421	.53	.76	.65	71	60
1650	.12	.53	.51	374	.27	.24	1.04	200	866
1680	.07	.82	.11	419	.09	.02	.11	28	157
1720	2.56	.14	1.81	437	.25	1.56	1.21	60	47
1750	1.36	.01	.69	436	.01	.68	.52	50	38
1780	1.45	.21	1.54	430	.33	1.21	.52	83	35
1810	.17	.27	.11	433	.03	.08	.10	47	58
1840	.28	.17	.18	437	.03	.15	.12	53	42
1870	.36	.07	.29	435	.02	.27	.18	75	49
1900	1.01	.13	.80	431	.10	.70	1.13	69	111
1920	1.41	.10	.80	441	.08	.72	.69	51	48
1960	.51	.23	.40	433	.09	.31	.22	60	43
1990	.40	.11	.27	437	.03	.24	.22	60	55
2020	.18	.38	.08	437	.03	.05	.38	27	211
2050	.74	.15	.72	433	.11	.61	.55	82	74
2080	.39	.35	.51	428	.18	.33	.48	84	123
2100	.36	.15	.33	432	.05	.28	.18	77	49
2120	6.51	.15	7.64	426	1.16	6.48	3.11	99	47
2140	4.13	.09	2.02	436	.19	1.83	1.58	44	38
2170	.92	.23	.77	431	.18	.59	.47	64	51
2200	1.61	.11	1.46	433	.16	1.30	.64	80	39
2230	.19	.33	.15	430	.05	.10	.10	52	52
2260	.51	.27	.44	435	.12	.32	.22	62	43
2290	1.15	.01	.72	434	.01	.71	.36	61	31

Amoco Chiefco A-1 Lovett 2-1-47-18W5						5014440 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
2300	11.37	.05	4.88	444	.22	4.66	3.47	40	30
2320	3.15	.11	1.83	438	.20	1.63	1.21	51	38
2350	26.51	.01	38.60	430	.34	38.26	7.00	144	26
2380	4.82	.04	5.13	435	.23	4.90	1.74	101	36
2410	1.60	.15	1.08	440	.16	.92	.94	57	58
2440	47.15	.01	48.90	440	.31	48.59	13.20	103	27
2470	27.66	.00	33.03	435	.12	32.91	7.57	118	27
2500	3.20	.09	3.48	434	.32	3.16	1.11	98	34
2520	51.22	.00	45.43	440	.14	45.29	12.35	88	24
2530	2.84	.09	2.43	439	.23	2.20	1.05	77	36
2560	2.57	.09	1.28	444	.12	1.16	1.01	45	39
2590	3.06	.09	1.81	440	.17	1.64	1.05	53	34
2620	3.26	.10	2.05	436	.21	1.84	1.14	56	34
2650	2.41	.09	1.89	436	.17	1.72	.76	71	31
2680	1.94	.16	1.42	438	.23	1.19	.75	61	38
2710	.42	.32	.31	443	.10	.21	.29	50	69
2710	.86	.30	.71	431	.21	.50	.41	58	47
2740	1.56	.18	1.16	435	.21	.95	.64	60	41
2770	1.63	.13	1.20	436	.16	1.04	.52	63	31
2810	5.43	.21	8.28	434	1.70	6.58	2.45	121	45
2840	5.46	.04	4.56	442	.19	4.37	2.16	80	39
2870	.43	.38	.29	444	.11	.18	.35	41	81
2900	.53	.29	.42	435	.12	.30	.24	56	45
2930	.30	.46	.28	427	.13	.15	.21	50	70
2960	41.31	.01	39.57	436	.41	39.16	8.25	94	19
2990	2.36	.10	1.46	441	.15	1.31	.67	55	28
3020	1.47	.26	1.52	436	.40	1.12	.70	76	47
3050	2.26	.20	2.56	438	.52	2.04	.96	90	42
3080	7.10	.05	14.99	428	.79	14.20	3.13	200	44
3110	3.62	.09	4.00	434	.37	3.63	1.47	100	40
3130	32.89	.01	63.50	430	.68	62.82	7.70	191	23
3140	5.71	.04	11.18	429	.44	10.74	1.12	188	19
3170	2.14	.10	2.87	433	.28	2.59	.85	121	39
3200	.05	.00	.01	0	.00	.01	.10	20	200
3230	.85	.33	.61	437	.20	.41	.34	48	40
3260	1.02	.16	.81	430	.13	.68	.61	66	59
3290	2.64	.10	1.86	442	.18	1.68	1.79	63	67
3320	.82	.15	.59	438	.09	.50	.22	60	26
3350	.28	.54	.37	394	.20	.17	.22	60	78
3380	.43	.30	.27	438	.08	.19	.16	44	37
3410	.52	.24	.45	436	.11	.34	.18	65	34
3440	1.84	.15	1.56	437	.23	1.33	.52	72	28
3470	.53	.31	.35	434	.11	.24	.18	45	33
3500	.43	.36	.33	432	.12	.21	.16	48	37
3530	1.91	.12	1.56	431	.18	1.38	.36	72	18
3560	1.29	.19	1.18	435	.22	.96	.42	74	32
3590	.65	.22	.41	456	.09	.32	.24	49	36
3620	27.66	.01	51.51	433	.47	51.04	7.71	184	27
3650	2.31	.06	3.48	437	.21	3.27	.68	141	29
3680	1.56	.16	1.31	438	.21	1.10	.52	70	33
3710	.78	.31	.78	433	.24	.54	.30	69	38
3740	1.70	.09	1.64	437	.14	1.50	.49	88	28
3770	1.03	.14	.65	440	.09	.56	.35	54	33
3800	1.10	.15	.78	433	.12	.66	.33	60	30
3830	3.59	.04	6.11	437	.27	5.84	.54	162	15

Amoco Chiefco A-1 Lovett 2-1-47-18W5						5014440 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
3860	6.06	.02	20.13	420	.39	19.74	1.68	325	27
3890	2.73	.02	3.30	436	.08	3.22	.57	117	20
3920	7.44	.02	29.09	426	.46	28.63	1.96	384	26
3950	3.65	.02	7.24	432	.12	7.12	.64	195	17
3980	3.79	.02	6.90	435	.12	6.78	.74	178	19
4010	1.28	.15	1.68	438	.25	1.43	.39	111	30
4040	.67	.16	.69	442	.11	.58	.33	86	49
4070	3.26	.02	6.37	431	.14	6.23	1.76	191	53
4100	2.73	.03	4.55	438	.13	4.42	.59	161	21
4130	5.61	.02	18.84	429	.37	18.47	1.31	329	23
4170	4.39	.03	5.99	434	.17	5.82	.79	132	17
4190	3.87	.03	7.73	431	.24	7.49	.98	193	25
4220	3.75	.02	7.35	437	.18	7.17	.88	191	23
4250	3.18	.04	3.71	441	.13	3.58	.76	112	23
4280	.96	.09	1.01	438	.09	.92	.41	95	42
4310	.87	.14	.90	438	.13	.77	.30	88	34
4340	.95	.08	.95	441	.08	.87	.34	91	35
4370	.50	.20	.54	439	.11	.43	.22	86	44
4400	3.00	.04	4.53	435	.17	4.36	.71	145	23
4430	2.21	.03	2.18	440	.07	2.11	.44	95	19
4460	4.03	.03	8.09	428	.25	7.84	1.11	194	27
4490	5.01	.02	9.28	430	.23	9.05	1.29	180	25
4520	.44	.28	.53	438	.15	.38	.31	86	70
4550	.30	.43	.42	436	.18	.24	.23	80	76
4580	.52	.17	.47	429	.08	.39	.20	75	38
4610	1.46	.13	2.31	435	.30	2.01	.54	137	36
4640	.43	.42	.55	422	.23	.32	.35	74	81
4670	1.46	.12	1.34	442	.16	1.18	.42	80	28
4700	1.16	.10	.93	442	.09	.84	.35	72	30
4730	.89	.15	.97	440	.15	.82	.24	92	26
4760	.97	.15	.89	438	.13	.76	.34	78	35
4790	.60	.19	.90	439	.17	.73	.23	121	38
4820	.64	.18	.87	441	.16	.71	.22	110	34
4850	.72	.17	.71	437	.12	.59	.20	81	27
4880	1.49	.08	2.73	436	.22	2.51	.34	168	22
4910	2.25	.05	3.14	444	.17	2.97	.40	132	17
4940	1.00	.14	1.31	442	.18	1.13	.34	113	34
4970	1.62	.08	4.59	437	.38	4.21	.70	259	43
5000	4.12	.11	30.79	437	3.25	27.54	.86	668	20
5030	3.60	.11	26.94	438	2.84	24.10	.49	669	13
5060	1.28	.12	3.91	441	.46	3.45	.33	269	25
5090	1.31	.12	2.39	441	.29	2.10	.43	160	32
5120	3.81	.06	11.75	436	.65	11.10	1.01	291	26
5150	.98	.16	2.34	441	.37	1.97	.47	201	47
5180	.56	.14	.77	436	.11	.66	.34	117	60
5210	.52	.35	.68	440	.24	.44	.33	84	63
5240	.81	.26	1.50	438	.39	1.11	.72	137	88
5270	2.54	.09	2.01	435	.19	1.82	.83	71	32
5300	1.05	.22	.96	439	.21	.75	.43	71	40
5330	.44	.24	.45	441	.11	.34	.24	77	54
5360	.30	.41	.46	425	.19	.27	.27	90	90
5390	.30	.31	.32	438	.10	.22	.24	73	80
5420	.20	.50	.48	384	.24	.24	.26	120	130
5450	.52	.18	.97	434	.17	.80	.28	153	53
5480	1.88	.06	2.63	442	.16	2.47	.44	131	23

Amoco Chiefco A-1 Lovett 2-1-47-18W5						5014440 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
5510	.39	.11	.46	437	.05	.41	.25	105	64
5540	1.97	.04	3.22	442	.14	3.08	.38	156	19
5570	2.98	.08	13.28	437	1.09	12.19	1.19	409	39
5600	.73	.26	1.79	445	.47	1.32	.44	180	60
5630	1.54	.14	7.45	434	1.06	6.39	.89	414	57
5660	1.15	.14	5.28	434	.73	4.55	.68	395	59
5690	.55	.18	.84	442	.15	.69	.32	125	58
5720	.40	.35	.65	437	.23	.42	.31	105	77
5750	1.10	.12	1.50	441	.18	1.32	.32	120	29
5780	.77	.13	1.44	440	.19	1.25	.33	162	42
5810	.62	.21	.61	441	.13	.48	.25	77	40
5840	.36	.33	.36	433	.12	.24	.21	66	58
5870	3.00	.08	3.68	441	.29	3.39	.67	113	22
5900	.81	.19	2.29	442	.44	1.85	.51	228	62
5930	.80	.21	2.30	441	.48	1.82	.47	227	58
5970	.64	.28	1.34	437	.37	.97	.34	151	53
6000	.42	.32	.69	437	.22	.47	.27	111	64
6030	.92	.21	1.25	437	.26	.99	.38	107	41
6060	1.14	.10	3.75	439	.36	3.39	.68	297	59
6090	.96	.14	1.27	441	.18	1.09	.35	113	36
6120	.59	.15	1.63	439	.24	1.39	.39	235	66
6150	.46	.34	.87	436	.30	.57	.32	123	69
6180	.36	.41	.49	438	.20	.29	.17	80	47
6210	2.51	.08	7.87	434	.65	7.22	.85	287	33
6240	1.30	.11	5.74	436	.63	5.11	.56	393	43
6270	.60	.11	2.33	435	.26	2.07	.43	345	71
6300	.36	.49	.70	438	.34	.36	.34	99	94
6330	.54	.16	.50	438	.08	.42	.31	77	57
6360	.48	.22	.59	439	.13	.46	.23	95	47
6390	.34	.23	.82	436	.19	.63	.27	185	79
6420	.84	.17	2.29	437	.40	1.89	.45	225	53
6450	.54	.26	.27	432	.07	.20	.29	37	53
6480	.57	.28	.47	433	.13	.34	.29	59	50
6510	.57	.11	.47	438	.05	.42	.25	73	43
6540	.23	.24	.17	437	.04	.13	.13	56	56
6570	.29	.39	.33	434	.13	.20	.13	68	44
6600	.51	.25	1.12	427	.28	.84	.31	164	60
6630	.18	.36	.11	395	.04	.07	.12	38	66
6660	.27	.18	.34	436	.06	.28	.13	103	48
6690	2.98	.02	19.20	433	.32	18.88	.91	633	30
6720	.60	.07	2.25	432	.16	2.09	.39	348	65
6750	.60	.11	2.94	438	.31	2.63	.38	438	63
6790	1.05	.14	1.08	436	.15	.93	.25	88	23
6810	3.31	.05	5.54	423	.28	5.26	.83	158	25
6840	.59	.20	1.40	436	.28	1.12	.06	189	10
6870	3.66	.04	26.99	436	1.17	25.82	.61	705	16
6900	.46	.22	.83	437	.18	.65	.28	141	60
6930	.25	.22	.36	437	.08	.28	.22	112	88
6960	3.70	.06	26.21	433	1.62	24.59	.88	664	23
6990	.46	.16	1.30	434	.21	1.09	.39	236	84
7020	3.09	.05	10.20	432	.54	9.66	1.35	312	43
7050	.83	.11	1.12	440	.12	1.00	.36	120	43
7080	2.91	.06	20.89	433	1.16	19.73	.77	678	26
7110	5.57	.05	42.81	440	2.23	40.58	.72	728	12
7140	.71	.19	1.47	438	.28	1.19	.38	167	53

Amoco Chiefco A-1 Lovett 2-1-47-18W5						5014440 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
7170	.88	.07	4.61	437	.33	4.28	.52	486	59
7200	12.89	.09	101.49	423	8.65	92.84	1.09	720	8
7230	1.56	.08	8.78	438	.70	8.08	.38	517	24
7260	1.81	.09	3.75	435	.32	3.43	.38	189	20
7290	1.00	.09	4.94	433	.42	4.52	.58	452	58
7320	.34	.24	.33	449	.08	.25	.22	73	64
7350	1.12	.08	6.62	436	.53	6.09	.69	543	61
7380	3.24	.05	18.13	436	.99	17.14	.93	529	28
7410	5.97	.10	48.37	436	4.86	43.51	.49	728	8
7430	6.44	.10	49.39	436	5.01	44.38	.93	689	14
7440	6.98	.04	31.42	432	1.17	30.25	2.05	433	29
7460	2.70	.09	19.50	435	1.79	17.71	.48	655	17
7500	1.95	.08	12.29	434	.95	11.34	.44	581	22
7530	.52	.16	1.17	439	.19	.98	.31	188	59
7560	3.93	.08	29.78	437	2.41	27.37	.78	696	19
7590	4.54	.08	35.10	439	2.86	32.24	.66	710	14
7620	.99	.12	2.74	439	.34	2.40	.41	242	41
7660	.74	.25	1.18	451	.29	.89	.37	120	50
7680	1.18	.16	6.26	435	.98	5.28	.70	447	59
7710	.94	.23	3.84	438	.89	2.95	.63	313	67
7740	1.26	.19	4.19	435	.80	3.39	.85	269	67
7770	1.41	.13	5.71	435	.74	4.97	.86	352	60
7800	1.12	.27	3.72	436	1.00	2.72	.85	242	75
7830	.97	.19	2.76	437	.53	2.23	.78	229	80
7870	1.47	.11	7.92	435	.85	7.07	1.07	480	72
7890	.83	.16	2.94	440	.46	2.48	.75	298	90
7910	1.01	.18	3.96	437	.73	3.23	.99	319	98
7940	.86	.22	2.72	439	.59	2.13	.86	247	100
7980	.69	.25	1.49	435	.37	1.12	.83	162	120
8010	.57	.25	1.02	445	.26	.76	.49	133	85
8040	.68	.22	1.52	445	.33	1.19	.60	175	88
8070	1.29	.14	4.79	439	.67	4.12	.97	319	75
8100	1.31	.13	5.36	438	.71	4.65	1.20	354	91
8130	.70	.14	.92	450	.13	.79	.62	112	88
8160	.69	.29	1.50	446	.44	1.06	.72	153	104
8190	.93	.19	3.04	441	.59	2.45	.90	263	96
8220	1.10	.23	2.73	443	.62	2.11	.97	191	88
8250	1.45	.14	7.29	435	.99	6.30	1.41	434	97
8280	.90	.22	1.57	447	.35	1.22	.60	135	66
8310	1.12	.32	2.93	449	.94	1.99	1.01	177	90
8340	.97	.30	2.26	448	.67	1.59	.84	163	86
8370	1.36	.13	6.18	436	.83	5.35	1.17	393	86
8400	1.44	.15	6.09	437	.92	5.17	1.09	359	75
8430	.82	.26	1.87	449	.48	1.39	.60	169	73
8460	.69	.26	1.84	447	.47	1.37	.53	198	76
8490	.66	.22	2.53	441	.55	1.98	.33	300	49
8520	.71	.27	1.17	447	.32	.85	.35	119	49
8550	.75	.26	1.97	443	.51	1.46	.58	194	77
8580	.61	.34	1.31	449	.44	.87	.55	142	90
8700	1.12	.06	4.38	433	.27	4.11	.66	366	58
8730	.63	.20	1.71	448	.34	1.37	.70	217	111
8760	.54	.31	.65	452	.20	.45	.40	83	74
8790	.57	.36	.95	454	.34	.61	.46	107	80
8820	.49	.35	.80	452	.28	.52	.32	106	65
8850	2.49	.13	16.64	436	2.10	14.54	1.20	583	48

Amoco Chiefco A-1 Lovett 2-1-47-18W5						5014440 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
8890	3.12	.12	18.59	435	2.17	16.42	1.07	526	34
8920	.66	.35	1.85	454	.64	1.21	.47	183	71
8950	1.21	.28	2.02	454	.57	1.45	.60	119	49
8980	.69	.24	1.22	454	.29	.93	.43	134	62
9010	2.87	.07	8.70	433	.59	8.11	.78	282	27
9040	1.64	.12	9.77	435	1.13	8.64	1.31	526	79
9070	.71	.18	1.63	440	.29	1.34	.57	188	80
9100	.57	.32	.97	456	.31	.66	.38	115	66
9130	.49	.30	.80	456	.24	.56	.30	114	61
9140	4.20	.02	7.28	433	.14	7.14	.81	170	19
9170	.55	.17	.60	452	.10	.50	.32	90	58
9190	1.14	.26	4.34	439	1.11	3.23	.91	283	79
9220	2.90	.10	13.73	441	1.33	12.40	1.44	427	49
9250	.73	.19	2.24	439	.43	1.81	.51	247	69
9280	.97	.16	3.65	441	.60	3.05	1.02	314	105
9310	.63	.31	1.79	452	.55	1.24	.67	196	106
9340	.46	.29	.56	461	.16	.40	.27	86	58
9380	.59	.26	.50	448	.13	.37	.34	62	57
9420	1.74	.09	2.23	443	.21	2.02	.46	116	26
9460	.64	.27	.93	455	.25	.68	.39	106	60
9510	.65	.44	1.32	459	.58	.74	.54	113	83
9540	.80	.43	1.64	453	.70	.94	.64	117	80
9570	.69	.45	1.29	461	.58	.71	.40	102	57
9610	.89	.41	2.06	448	.85	1.21	.54	135	60
9610	.72	.32	1.51	447	.48	1.03	.54	143	75
9630	5.98	.08	18.96	431	1.52	17.44	2.43	291	40
9640	2.61	.11	19.54	435	2.16	17.38	1.22	665	46
9660	.14	.38	1.70	452	.65	1.05	.58	749	414
9670	.89	.12	2.87	435	.34	2.53	.82	284	92
9900	.17	.38	2.17	455	.82	1.35	.58	794	341
9930	.14	.44	1.77	462	.78	.99	.52	707	371
9960	1.05	.42	1.86	459	.78	1.08	.49	102	46
9990	1.06	.41	1.78	461	.73	1.05	.42	99	39
10020	1.23	.41	2.10	463	.87	1.23	.56	100	45
10050	1.20	.35	2.15	455	.76	1.39	.50	115	41
10080	1.24	.39	2.55	461	.99	1.56	.71	125	57
10110	1.13	.43	1.67	461	.72	.95	.47	84	41
10180	1.18	.26	1.15	452	.30	.85	.99	72	83
10220	1.36	.46	5.81	366	2.70	3.11	.90	228	66
10270	1.22	.38	5.03	374	1.93	3.10	.96	254	78
10320	.70	.45	.40	463	.18	.22	.39	31	55
10340	.75	.37	1.76	462	.65	1.11	.43	148	57
10370	1.17	.19	4.23	435	.80	3.43	1.40	293	119
10410	.74	.43	.80	463	.34	.46	.47	62	63
10440	.90	.20	2.70	439	.53	2.17	.47	241	52
10470	.82	.29	1.15	464	.33	.82	.70	100	85
10500	.77	.43	1.43	466	.61	.82	.35	106	45
10530	1.08	.46	1.08	468	.50	.58	.30	53	27
10560	.74	.42	1.21	462	.51	.70	.33	94	44
10590	.78	.42	1.66	465	.69	.97	.43	124	55
10620	.90	.45	1.81	466	.81	1.00	.56	111	62
10650	.75	.33	1.22	461	.40	.82	.47	109	62
10690	.64	.28	1.06	465	.30	.76	.57	118	89
10710	.55	.33	.76	467	.25	.51	.65	92	118
10740	.64	.27	.79	484	.21	.58	.62	90	96

Amoco	Chiefco	A-1	Lovett	2-1-47-18W5		5014440 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
10770	.27	.33	.27	493	.09	.18	.57	66	211
10810	.70	.43	2.52	364	1.09	1.43	1.57	204	224
10830	1.91	.21	5.68	484	1.22	4.46	1.69	233	88
10850	1.32	.21	1.06	474	.22	.84	.90	63	68
10890	.49	.39	.62	411	.24	.38	.75	77	153
10920	.95	.24	1.00	407	.24	.76	2.89	80	304
10950	.80	.27	.66	468	.18	.48	.96	60	120
11010	1.23	.25	1.30	488	.32	.98	.97	79	78
11040	1.23	.24	1.99	410	.47	1.52	3.42	123	278
11070	1.02	.21	1.55	358	.32	1.23	3.31	120	324
11100	1.34	.12	1.55	334	.19	1.36	3.71	101	276
11111	7.00	.06	13.90	425	.86	13.04	3.46	186	49
11111	8.84	.06	14.48	423	.87	13.61	3.28	153	37
11120	.61	.33	.78	473	.26	.52	.72	85	118
11170	1.14	.24	1.30	489	.31	.99	2.39	86	209
11190	1.07	.17	1.32	481	.23	1.09	2.32	101	216
11240	.95	.23	.60	495	.14	.46	.56	48	58
11330	.89	.17	.76	488	.13	.63	.36	70	40
11360	.62	.32	.75	478	.24	.51	.81	82	130
11400	.73	.26	.72	490	.19	.53	1.57	72	215
11430	1.01	.27	.67	479	.18	.49	1.05	48	103
11460	.71	.33	.58	490	.19	.39	.81	54	114
11490	.54	.13	1.05	491	.14	.91	.45	168	83
11500	.40	.42	.66	462	.28	.38	.94	95	235
11530	.51	.24	.83	472	.20	.63	.42	123	82
11560	.44	.34	.87	468	.30	.57	.48	129	109
11590	.50	.33	.94	473	.31	.63	.42	126	84
11620	.53	.39	1.27	465	.50	.77	.73	145	137
11650	.41	.23	1.20	491	.28	.92	.40	224	97
11680	.64	.29	1.35	483	.39	.96	.86	150	134
11710	.73	.31	1.69	486	.53	1.16	1.24	158	169
11740	.49	.29	.87	488	.25	.62	.58	126	118
11760	.41	.35	.65	490	.23	.42	.35	102	85
11790	.72	.28	.60	497	.17	.43	.57	59	79
11830	.30	.36	.47	490	.17	.30	.31	100	103
11850	.30	.22	.46	486	.10	.36	.33	119	109
11890	.30	.22	.41	452	.09	.32	.26	106	86
11920	.68	.23	.47	490	.11	.36	.37	52	54
11950	.42	.21	.53	475	.11	.42	1.11	100	264
11980	.38	.41	.46	470	.19	.27	.32	71	84
12010	.47	.43	.42	480	.18	.24	.33	51	70
12040	.50	.37	.59	492	.22	.37	.36	74	72
12080	.25	.44	.16	482	.07	.09	.18	36	72
12110	.25	.64	.22	381	.14	.08	.19	32	76
12130	.42	.25	.71	485	.18	.53	.28	126	66
12160	.39	.45	.67	465	.30	.37	.45	94	115
12190	1.40	.56	1.19	452	.67	.52	.57	37	40
12230	.44	.52	.27	474	.14	.13	.36	29	81
12260	.08	.67	.06	0	.04	.02	.22	25	275
12280	.09	.50	.12	391	.06	.06	.38	66	422
12300	.14	.61	.18	0	.11	.07	.40	50	285
12340	.19	.48	.46	412	.22	.24	.53	126	278
12360	.24	.35	.52	477	.18	.34	.31	141	129
12390	.59	.20	.88	481	.18	.70	.46	118	77
12410	.55	.13	1.14	490	.15	.99	.55	180	100

Amoco Chiefco A-1 Lovett 2-1-47-18W5						5014440 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
12440	.37	.32	.40	487	.13	.27	.64	72	172
12470	1.56	.08	7.15	482	.59	6.56	1.11	420	71
12500	.69	.11	2.67	486	.29	2.38	.35	344	50
12530	.69	.28	2.04	469	.57	1.47	.56	213	81
12560	.57	.29	1.34	462	.39	.95	.42	166	73
12590	.44	.29	1.22	465	.35	.87	.44	197	100
12650	.29	.18	.82	484	.15	.67	.17	231	58
12680	.71	.09	1.99	483	.18	1.81	.45	254	63
12710	.59	.12	1.64	497	.19	1.45	.29	245	49
12740	.34	.28	.88	476	.25	.63	.37	185	108
12770	.49	.31	1.28	458	.40	.88	.35	179	71
12810	.49	.17	1.57	458	.27	1.30	.60	265	122
12830	.25	.52	.27	355	.14	.13	.29	52	116
12860	.27	.71	.28	343	.20	.08	.22	29	81
12890	.27	.77	.26	417	.20	.06	.25	22	92
12920	.13	.73	.15	410	.11	.04	.22	30	169
12930	.29	.64	.81	352	.52	.29	.26	100	89
12960	.23	.59	.46	355	.27	.19	.37	82	160
12990	.13	.81	.27	328	.22	.05	.20	38	153
13000	.21	.61	.56	362	.34	.22	.20	104	95
13030	.12	.60	.25	378	.15	.10	.10	83	83
13060	.24	.61	.84	387	.51	.33	.25	137	104
13090	.20	.67	.21	342	.14	.07	.27	35	135
13120	.31	.63	.46	388	.29	.17	.24	54	77
13150	.24	.64	.36	373	.23	.13	.15	54	62
13180	.23	.59	.34	0	.20	.14	.11	60	47
13210	.30	.55	.47	361	.26	.21	.09	70	29
13240	.09	.69	.13	401	.09	.04	.07	44	77
13260	.29	.46	.69	428	.32	.37	.16	127	55
13300	.07	.64	.14	417	.09	.05	.10	71	142
13330	.06	.70	.10	0	.07	.03	.08	50	133
13360	.02	1.00	.03	0	.03	.00	.06	0	300
13390	.03	1.00	.05	0	.05	.00	.06	0	200
13420	.01	.00	.01	0	.00	.01	.02	100	200
13450	.02	1.00	.01	0	.01	.00	.04	0	200
13480	.03	1.00	.03	0	.03	.00	.05	0	166
13510	.03	1.00	.01	0	.01	.00	.03	0	100
13540	.03	1.00	.02	0	.02	.00	.01	0	33
13570	.04	.75	.04	304	.03	.01	.04	25	100
13600	.06	.45	.11	419	.05	.06	.16	100	266
13630	.09	.53	.32	422	.17	.15	.30	166	333
13660	.04	.00	.01	0	.00	.01	.07	25	175
13690	.04	1.00	.01	0	.01	.00	.06	0	150
13720	.07	.21	.14	427	.03	.11	.12	157	171
13750	.02	.57	.07	397	.04	.03	.08	150	400
13780	.04	.57	.07	323	.04	.03	.09	75	225
13810	.01	1.00	.01	0	.01	.00	.06	0	600
13840	.12	.19	.16	425	.03	.13	.08	108	66
13870	.02	1.00	.03	0	.03	.00	.11	0	550
13900	.06	.30	.10	414	.03	.07	.11	116	183
13930	.19	.25	.93	352	.23	.70	.79	368	415
13990	.03	.44	.09	356	.04	.05	.08	166	266
14020	.10	1.00	.04	0	.04	.00	.10	0	100
14050	.06	.80	.05	418	.04	.01	.12	16	200
14080	.11	.64	.14	373	.09	.05	.12	45	109

Amoco Chiefco A-1 Lovett 2-1-47-18W5						5014440 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
14110	.09	.60	.15	332	.09	.06	.12	66	133
14140	.15	.63	.24	370	.15	.09	.12	59	80
14170	.16	.76	.25	411	.19	.06	.11	37	68
14200	.23	.56	.34	344	.19	.15	.68	65	295
14230	.13	.59	.39	374	.23	.16	.18	123	138
14260	.14	.63	.41	355	.26	.15	.09	107	64
14280	.07	.60	.15	313	.09	.06	.12	85	171
14290	.15	.60	.40	331	.24	.16	.16	106	106
14320	.17	.60	.25	382	.15	.10	.20	58	117
14350	.15	.59	.27	306	.16	.11	.17	73	113
14410	.17	.69	.32	393	.22	.10	.14	58	82
14440	.09	.75	.20	338	.15	.05	.12	55	133
Belly River Grp			6478F						
Wapiabi Fm			7659						
Colorado Grp			8085						
Bad Heart Fm			8714						
Cardium Fm			9003						
Cardium Ss			9137						
Blackstone Fm			9261						
Fish Scales Base			10516						
Viking Fm			10603						
Blairmore Grp			10687						
Fernie Grp			11870						
Rock Creek Mbr			11995						
Nordegg Mbr			12022						
Eklton Mbr			12181						
Shunda Fm			12280						
Pekisko Fm			12527						
Banff Fm			12682						

Conoco et al Peco 5-26-47-15W5					800 8400 ft				
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
830F	.04	.20	.10	425	.02	.08	3.01	2007	525
860	.52	.17	.24	479	.04	.20	3.32	38	638
890	.10	.15	.52	439	.08	.44	3.28	4403	280
900	.18	.11	.27	403	.03	.24	.74	133	411
920	.33	.11	.19	436	.02	.17	.37	51	112
950	.82	.04	.80	433	.03	.77	.55	93	67
980	1.63	.04	1.37	420	.05	1.32	.58	80	35
1010	.20	.00	.01	426	.00	.01	.19	5	95
1040	.84	.03	.65	429	.02	.63	.46	75	54
1070	.18	.07	.15	434	.01	.14	.32	77	177
1100	.39	.06	.18	438	.01	.17	.39	43	100
1130	.24	.22	.18	431	.04	.14	.75	58	312
1160	1.06	.12	.69	435	.08	.61	.95	57	89
1190	.60	.09	.47	431	.04	.43	.45	71	75
1220	.31	.05	.19	433	.01	.18	.25	58	80
1250	5.18	.01	6.10	425	.09	6.01	2.23	116	43
1280	1.34	.04	.80	431	.03	.77	.64	57	47
1310	1.95	.01	2.08	432	.03	2.05	.70	105	35
1330	49.74	.01	38.56	429	.31	38.25	18.87	76	37
1340	23.79	.01	19.12	431	.23	18.89	9.21	79	38
1370	2.02	.06	2.87	430	.17	2.70	.89	133	44
1400	2.83	.02	2.73	433	.05	2.68	1.26	94	44
1430	1.73	.02	1.72	425	.04	1.68	.82	97	47
1460	6.20	.02	3.75	444	.06	3.69	5.00	59	80
1490	2.51	.01	4.04	429	.06	3.98	1.19	158	47
1520	.20	.14	.29	423	.04	.25	1.08	125	540
1550	.84	.07	.71	422	.05	.66	.42	78	50
1580	.48	.03	.29	432	.01	.28	.28	58	58
1610	2.89	.03	2.17	431	.07	2.10	1.02	72	35
1640	3.46	.03	2.59	434	.08	2.51	2.04	72	58
1670	2.65	.10	2.78	426	.27	2.51	1.72	94	64
1700	4.23	.09	4.50	430	.40	4.10	2.05	96	48
1730	3.82	.03	6.39	422	.19	6.20	2.02	162	52
1760	.75	.03	.58	431	.02	.56	.77	74	102
1790	1.08	.03	.59	436	.02	.57	.52	52	48
1820	.19	.15	.13	437	.02	.11	.13	57	68
1850	1.16	.06	.85	431	.05	.80	.62	68	53
1880	.39	.07	.27	432	.02	.25	.25	64	64
1910	1.93	.02	1.63	429	.04	1.59	.75	82	38
1940	.49	.08	.37	424	.03	.34	.33	69	67
1970	.24	.06	.17	436	.01	.16	.19	66	79
2000	.34	.09	.23	436	.02	.21	.29	61	85
2030	1.13	.04	.98	429	.04	.94	.42	83	37
2060	.64	.05	.42	434	.02	.40	.26	62	40
2090	1.46	.04	1.35	433	.06	1.29	.98	88	67
2120	3.36	.03	4.02	424	.12	3.90	1.50	116	44
2150	1.13	.06	.81	429	.05	.76	.51	67	45
2180	1.14	.04	.79	443	.03	.76	.72	66	63
2210	2.13	.02	1.24	435	.02	1.22	1.18	57	55
2240	1.95	.02	.83	432	.02	.81	1.30	41	66
2270	.75	.06	.33	442	.02	.31	1.11	41	148
2300	.19	.00	.07	332	.00	.07	.66	36	347
2330	.70	.14	.21	433	.03	.18	.72	25	102
2360	2.00	.00	.26	456	.00	.26	.92	13	46
2390	.38	.08	.13	435	.01	.12	.48	31	126

Conoco et al Peco 5-26-47-15W5					800 8400 ft				
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
2420	.40	.17	.12	368	.02	.10	.34	25	85
2450	1.06	.06	.80	432	.05	.75	.51	70	48
2480	.27	.25	.60	412	.15	.45	.59	166	218
2510	.69	.06	.36	434	.02	.34	.64	49	92
2540	.37	.12	.26	435	.03	.23	.55	62	148
2570	4.39	.02	3.47	432	.07	3.40	1.80	77	41
2660	27.59	.06	39.01	428	2.43	36.58	10.42	132	37
2670	21.29	.11	49.39	427	5.36	44.03	10.02	206	47
2680	16.22	.02	58.95	425	1.45	57.50	10.01	354	61
2690	4.97	.06	5.47	435	.35	5.12	3.28	103	65
2720	8.01	.06	9.81	429	.63	9.18	3.58	114	44
2750	9.38	.02	19.83	426	.30	19.53	4.19	208	44
2780	9.16	.02	23.18	422	.55	22.63	5.63	247	61
2810	19.40	.03	20.45	432	.62	19.83	6.06	102	31
2840	6.21	.10	9.42	427	.95	8.47	2.21	136	35
2870	7.97	.07	16.62	426	1.13	15.49	3.47	194	43
2900	.61	.22	.55	429	.12	.43	.91	70	149
2930	.57	.15	.27	465	.04	.23	.59	40	103
2940	31.57	.01	37.72	432	.41	37.31	12.37	118	39
2960	6.34	.02	9.30	425	.22	9.08	3.02	143	47
2990	14.49	.03	18.99	426	.52	18.47	5.82	127	40
3020	1.11	.06	.79	430	.05	.74	.94	66	84
3050	1.94	.13	4.70	353	.59	4.11	4.00	211	206
3080	1.84	.06	1.59	434	.09	1.50	1.17	81	63
3100	16.71	.04	16.45	431	.61	15.84	8.30	94	49
3110	40.36	.01	37.12	437	.52	36.60	11.17	90	27
3120	27.63	.01	32.25	443	.38	31.87	11.93	115	43
3140	6.98	.01	4.99	443	.06	4.93	2.16	70	30
3170	4.15	.02	4.82	433	.12	4.70	1.70	113	40
3200	2.16	.04	2.19	432	.08	2.11	.85	97	39
3230	3.46	.09	4.72	428	.41	4.31	1.58	124	45
3260	.84	.04	.45	450	.02	.43	.47	51	55
3290	2.22	.07	1.08	412	.08	1.00	.98	45	44
3320	1.53	.15	1.14	430	.17	.97	.65	63	42
3350	3.25	.07	1.69	433	.11	1.58	.78	48	24
3380	5.32	.02	7.59	428	.13	7.46	1.41	140	26
3410	1.36	.12	.75	445	.09	.66	.83	48	61
3440	3.74	.03	2.02	433	.06	1.96	.80	52	21
3470	1.41	.09	1.05	431	.09	.96	.52	68	36
3500	5.08	.05	4.66	430	.23	4.43	1.68	87	33
3530	4.33	.10	2.39	433	.24	2.15	.88	49	20
3560	1.04	.15	.80	439	.12	.68	.58	65	55
3590	7.52	.02	15.76	427	.39	15.37	3.80	204	50
3600	70.35	.19	205.73	426	38.33	167.40	23.05	237	32
3620	13.81	.10	31.08	359	3.26	27.82	39.78	201	288
3650	24.89	.17	87.95	358	14.89	73.06	71.83	293	288
3680	1.27	.23	6.16	359	1.41	4.75	3.63	374	285
3710	4.01	.06	2.07	415	.13	1.94	1.89	48	47
3740	9.57	.03	26.47	429	.79	25.68	3.56	268	37
3770	3.99	.05	9.55	425	.44	9.11	3.02	228	75
3800	1.25	.07	1.23	428	.08	1.15	1.32	92	105
3830	1.40	.07	1.42	435	.10	1.32	1.09	94	77
3860	1.74	.05	1.67	430	.09	1.58	1.63	90	93
3890	8.97	.05	17.05	429	.91	16.14	9.43	179	105
3920	15.57	.18	48.86	392	8.86	40.00	22.99	256	147

Conoco et al Peco 5-26-47-15W5					800 8400 ft				
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
3950	2.65	.20	8.21	358	1.64	6.57	4.60	247	173
3980	4.87	.05	5.19	428	.24	4.95	3.22	101	66
4010	2.17	.06	1.09	413	.07	1.02	.94	47	43
4040	2.16	.06	2.12	437	.12	2.00	1.45	92	67
4070	.54	.17	.66	429	.11	.55	1.17	101	216
4100	.57	.19	.57	433	.11	.46	.61	80	107
4130	2.32	.08	3.14	420	.24	2.90	2.07	125	89
4160	.41	.16	.32	409	.05	.27	1.26	65	307
4190	2.49	.02	2.11	432	.05	2.06	1.38	82	55
4220	.43	.12	.49	436	.06	.43	.37	100	86
4250	.61	.17	.47	440	.08	.39	.38	63	62
4280	3.33	.05	6.86	432	.31	6.55	3.27	196	98
4310	.81	.12	.59	438	.07	.52	.42	64	51
4340	3.85	.03	4.47	441	.13	4.34	1.47	112	38
4370	.74	.08	.76	433	.06	.70	.55	94	74
4400	3.95	.02	8.42	432	.16	8.26	1.70	209	43
4430	3.98	.02	4.27	441	.09	4.18	2.04	105	51
4460	.54	.14	.64	366	.09	.55	1.87	101	346
4490	.47	.16	.57	435	.09	.48	.47	102	100
4520	1.08	.10	1.15	433	.11	1.04	1.76	96	162
4550	.55	.13	.52	437	.07	.45	.55	81	100
4580	.73	.08	.50	435	.04	.46	.40	63	54
4610	.45	.13	.40	436	.05	.35	.53	77	117
4640	1.84	.06	2.05	430	.13	1.92	1.00	104	54
4670	1.80	.09	1.95	432	.18	1.77	2.48	98	137
4700	1.36	.05	1.69	433	.08	1.61	.80	118	58
4730	.57	.11	.53	433	.06	.47	.79	82	138
4760	1.22	.06	.94	437	.06	.88	.81	72	66
4790	1.80	.06	1.67	437	.10	1.57	1.71	87	95
4820	.59	.09	.45	434	.04	.41	.67	69	113
4850	.58	.14	.56	434	.08	.48	.38	82	65
4880	.57	.10	.30	431	.03	.27	.52	47	91
4910	1.48	.05	.85	434	.04	.81	.99	54	66
4940	1.36	.05	.43	469	.02	.41	.97	30	71
4970	.57	.08	.24	428	.02	.22	.48	38	84
5000	.98	.04	.75	427	.03	.72	.60	73	61
5030	.70	.05	.21	445	.01	.20	.49	28	70
5060	13.92	.01	41.84	436	.56	41.28	6.24	296	44
5070	33.91	.02	40.67	442	.67	40.00	7.76	117	22
5090	3.48	.03	3.20	437	.08	3.12	1.00	89	28
5120	.41	.07	.28	434	.02	.26	.51	63	124
5150	.35	.14	.29	436	.04	.25	.32	71	91
5180	.61	.10	.61	439	.06	.55	.51	90	83
5210	.91	.08	.98	438	.08	.90	.37	98	40
5240	.85	.04	.91	434	.04	.87	.31	102	36
5270	5.49	.03	13.48	425	.47	13.01	2.50	236	45
5300	.59	.09	.43	433	.04	.39	.65	66	110
5330	1.66	.06	1.43	437	.08	1.35	.51	81	30
5360	2.81	.04	2.53	434	.09	2.44	.88	86	31
5390	.58	.07	.70	438	.05	.65	.28	112	48
5420	1.45	.05	1.26	439	.06	1.20	.73	82	50
5450	.05	.10	.68	437	.07	.61	.52	1220	1040
5480	.38	.07	.30	434	.02	.28	.23	73	60
5510	.35	.12	.25	436	.03	.22	.22	62	62
5540	.72	.09	.76	432	.07	.69	.28	95	38

Conoco et al Peco 5-26-47-15W5					800 8400 ft				
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
5570	1.85	.03	1.79	433	.05	1.74	.41	94	22
5600	1.59	.03	1.31	434	.04	1.27	.49	79	30
5630	2.21	.06	3.37	433	.21	3.16	1.53	142	69
5660	.50	.10	.48	436	.05	.43	.27	86	54
5690	.72	.10	.50	442	.05	.45	.37	62	51
5720	.15	.17	.06	425	.01	.05	.36	33	239
5750	3.79	.05	1.95	435	.09	1.86	.71	49	18
5780	.86	.04	.72	438	.03	.69	.26	80	30
5810	.43	.07	.43	429	.03	.40	.32	93	74
5840	.29	.10	.42	435	.04	.38	.11	131	37
5870	1.48	.03	1.56	441	.05	1.51	.54	102	36
5900	.35	.13	.32	428	.04	.28	.48	80	137
5930	.54	.05	.56	429	.03	.53	.26	98	48
5970	.44	.06	.34	433	.02	.32	.38	72	86
5990	.54	.03	.31	439	.01	.30	.22	55	40
6020	.31	.20	.15	448	.03	.12	.25	38	80
6050	.48	.08	.25	436	.02	.23	.29	47	60
6080	.62	.09	.54	437	.05	.49	.48	79	77
6110	.69	.04	.49	432	.02	.47	.45	68	65
6140	.32	.10	.29	437	.03	.26	.18	81	56
6170	.58	.06	.69	429	.04	.65	.24	112	41
6200	1.60	.11	3.05	437	.35	2.70	1.48	168	92
6230	.65	.10	1.39	434	.14	1.25	1.40	192	215
6260	.13	.15	.13	441	.02	.11	.12	84	92
6280	.23	.21	.24	433	.05	.19	.31	82	134
6310	.68	.05	.61	440	.03	.58	.20	85	29
6340	1.12	.09	1.08	441	.10	.98	.29	87	25
6370	1.07	.05	1.40	440	.07	1.33	.22	124	20
6400	1.71	.03	1.17	437	.03	1.14	.52	66	30
6430	2.89	.01	2.03	465	.03	2.00	1.37	69	47
6460	.21	.16	.86	436	.14	.72	.11	342	52
6490	.61	.08	.52	436	.04	.48	.24	78	39
6520	7.14	.01	12.07	421	.13	11.94	1.51	167	21
6550	1.48	.09	2.07	440	.18	1.89	.52	127	35
6580	3.29	.03	3.24	428	.10	3.14	.80	95	24
6610	.36	.06	.32	438	.02	.30	.21	83	58
6640	1.12	.07	1.21	438	.09	1.12	.47	100	41
6670	.52	.10	.51	442	.05	.46	.28	88	53
6700	.64	.09	.64	441	.06	.58	.27	90	42
6730	.21	.30	.37	436	.11	.26	.17	123	80
6760	.50	.13	.68	444	.09	.59	.17	117	34
6790	.62	.15	.87	439	.13	.74	.36	119	58
6820	.28	.13	.24	440	.03	.21	.25	75	89
6850	2.00	.05	2.19	436	.12	2.07	1.08	103	54
6910	.86	.11	1.01	437	.11	.90	.45	104	52
6940	.40	.21	.53	434	.11	.42	.22	105	55
6970	2.99	.04	2.38	438	.09	2.29	1.07	76	35
6990	6.16	.04	4.16	433	.15	4.01	1.21	65	19
7000	.39	.17	.52	435	.09	.43	.35	110	89
7030	.42	.19	.64	436	.12	.52	.18	123	42
7060	.38	.13	.46	436	.06	.40	.14	105	36
7090	.52	.15	.99	437	.15	.84	.16	161	30
7120	.88	.20	1.54	439	.31	1.23	.31	139	35
7150	2.44	.08	3.00	437	.24	2.76	.46	113	18
7180	1.19	.07	1.57	436	.11	1.46	.35	122	29

Conoco et al Peco 5-26-47-15W5					800 8400 ft				
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
7210	.66	.13	1.71	437	.23	1.48	.32	224	48
7240	.78	.10	1.84	439	.18	1.66	.26	212	33
7270	.47	.12	1.01	436	.12	.89	.33	189	70
7300	2.61	.07	7.07	435	.51	6.56	.56	251	21
7330	1.17	.08	5.24	436	.40	4.84	.48	413	41
7360	.83	.09	1.52	436	.14	1.38	.48	166	57
7390	.65	.13	1.28	438	.17	1.11	.38	170	58
7420	.83	.21	.78	437	.16	.62	.64	74	77
7450	.70	.18	.22	451	.04	.18	.51	25	72
7480	.60	.24	.37	437	.09	.28	.47	46	78
7510	.56	.41	.59	429	.24	.35	.53	62	94
7540	.55	.86	.07	425	.06	.01	.54	1	98
7570	.50	.23	.39	439	.09	.30	.91	60	182
7600	.50	.04	.53	437	.02	.51	.20	102	40
7630	.65	.11	.95	436	.10	.85	.40	130	61
7660	.48	.12	.95	437	.11	.84	.21	175	43
7690	1.00	.06	1.66	442	.10	1.56	.28	156	28
7720	.50	.16	.97	438	.16	.81	.36	162	72
7750	.49	.13	1.16	440	.15	1.01	.21	206	42
7780	.72	.09	.81	432	.07	.74	.50	102	69
7810	.55	.17	1.37	436	.23	1.14	.22	207	40
7840	.70	.15	1.89	439	.28	1.61	.14	230	20
7870	1.00	.17	2.17	442	.37	1.80	.30	180	30
7900	.86	.13	1.91	440	.24	1.67	.24	194	27
7930	.62	.16	1.57	441	.25	1.32	.26	212	41
7960	.66	.21	2.03	440	.42	1.61	.41	243	62
7990	1.41	.08	2.04	439	.17	1.87	.43	132	30
8110	.48	.14	1.30	439	.18	1.12	.15	233	31
8160	.45	.19	.75	437	.14	.61	.20	135	44
8190	.66	.15	1.23	434	.18	1.05	.36	159	54
8220	.60	.17	1.60	438	.27	1.33	.32	221	53
8250	.60	.13	1.28	438	.17	1.11	.15	185	25
8280	.74	.17	1.42	440	.24	1.18	.33	159	44
8310	2.73	.07	4.04	433	.29	3.75	1.47	137	53
8340	.54	.22	.96	438	.21	.75	.29	138	53
8370	.76	.23	1.79	440	.41	1.38	.27	181	35
8400	.67	.18	2.19	443	.40	1.79	.16	267	23
Belly River Grp			5574F						
Lea Park Fm			6750						
Colorado Grp			7181						
Cardium Fm			7957						
Cardium Ss			8050						

Amoco Chiefco A-1 Sterco 16-25-47-21W5						017130 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
10F	9.64	.06	9.42	431	.58	8.84	3.02	91	31
40	.32	.25	.36	441	.09	.27	.08	84	25
70	.41	.25	.36	432	.09	.27	.09	65	21
100	.22	.33	.24	436	.08	.16	.04	72	18
130	.02	.30	.10	457	.03	.07	.02	350	100
160	.09	.48	.21	395	.10	.11	.05	122	55
190	.02	.25	.08	479	.02	.06	.02	300	100
220	.14	.63	.27	362	.17	.10	.04	71	28
250	.20	.59	.39	394	.23	.16	.06	80	30
280	.36	.29	.45	445	.13	.32	.08	88	22
310	.24	.22	.23	533	.05	.18	.04	75	16
340	.04	.22	.09	491	.02	.07	.01	175	25
370	2.15	.18	.50	499	.09	.41	.49	19	22
400	.25	.20	.20	487	.04	.16	.04	64	16
430	.01	.00	.05	454	.00	.05	.01	500	100
460	.07	.18	.11	509	.02	.09	.01	128	14
490	.05	.09	.44	589	.04	.40	.03	800	60
520	.08	.07	.41	586	.03	.38	.01	475	12
550	.25	.13	.24	498	.03	.21	.06	84	24
580	.03	.25	.28	458	.07	.21	.07	700	233
610	.37	.14	.56	491	.08	.48	.15	129	40
640	.16	.21	.29	485	.06	.23	.06	143	37
670	.27	.12	.25	447	.03	.22	.06	81	22
700	.46	.29	.52	444	.15	.37	.10	80	21
730	.37	.15	.54	458	.08	.46	.09	124	24
760	7.99	.01	15.66	428	.19	15.47	1.38	193	17
790	1.13	.10	.99	439	.10	.89	.19	78	16
820	1.04	.16	.58	447	.09	.49	.30	47	28
850	.05	.08	.12	484	.01	.11	.03	220	60
880	.03	.14	.14	493	.02	.12	.04	400	133
910	4.86	.03	1.26	498	.04	1.22	.84	25	17
940	.71	.14	.29	504	.04	.25	.12	35	16
970	5.13	.02	4.58	420	.10	4.48	.62	87	12
1000	.07	.31	.26	488	.08	.18	.01	257	14
1030	1.00	.22	.90	433	.20	.70	.08	70	8
1060	.14	.25	.20	460	.05	.15	.01	107	7
1090	.09	.38	.29	448	.11	.18	.01	199	11
1120	.08	.12	.25	508	.03	.22	.01	275	12
1150	.46	.17	.41	447	.07	.34	.03	73	6
1180	.56	.18	.50	439	.09	.41	.05	73	8
1210	.63	.27	.59	432	.16	.43	.07	68	11
1240	.07	.47	.47	367	.22	.25	.10	357	142
1270	17.63	.06	26.75	429	1.70	25.05	2.28	142	12
1300	25.49	.03	57.85	427	1.64	56.21	3.86	220	15
1330	20.20	.04	21.11	432	.75	20.36	3.72	100	18
1360	1.85	.20	.93	438	.19	.74	.94	40	50
1390	20.05	.01	33.07	427	.38	32.69	3.60	163	17
1420	.09	.06	1.17	440	.07	1.10	.10	1222	111
1450	.01	.00	.03	445	.00	.03	.01	300	100
1480	13.99	.03	53.79	421	1.49	52.30	2.33	373	16
1510	1.41	.43	2.09	434	.90	1.19	.42	84	29
1540	.56	.24	.51	438	.12	.39	.12	69	21
1570	5.10	.16	8.71	428	1.42	7.29	1.06	142	20
1600	1.14	.38	.85	437	.32	.53	.35	46	30
1630	62.18	.03	29.10	438	.89	28.21	4.05	45	6

Amoco Chiefco A-1 Sterco 16-25-47-21W5						017130 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
1660	.40	.38	.39	436	.15	.24	.03	60	7
1690	.85	.41	.80	396	.33	.47	.33	55	38
1720	.96	.25	.92	435	.23	.69	.08	71	8
1750	.19	.27	.33	414	.09	.24	.02	126	10
1780	.23	.20	.30	446	.06	.24	.01	104	4
1810	.07	.28	.25	525	.07	.18	.01	257	14
1840	.64	.34	.58	407	.20	.38	.07	59	10
1870	.17	.15	.27	491	.04	.23	.01	135	5
1900	.38	.24	.41	453	.10	.31	.01	81	2
1930	.31	.25	.72	539	.18	.54	.02	174	6
1960	.32	.03	.30	582	.01	.29	.01	90	3
1990	1.96	.16	.76	446	.12	.64	.25	32	12
2020	5.95	.06	5.15	436	.31	4.84	.48	81	8
2050	2.22	.07	.94	445	.07	.87	.22	39	9
2080	4.74	.06	2.95	444	.17	2.78	.78	58	16
2110	.80	.14	.80	438	.11	.69	.05	86	6
2140	.62	.19	.57	436	.11	.46	.39	74	62
2170	2.20	.07	1.52	444	.11	1.41	.22	64	10
2200	.85	.27	.64	431	.17	.47	.13	55	15
2230	2.91	.12	2.94	434	.35	2.59	.38	89	13
2260	2.47	.15	1.05	443	.16	.89	.20	36	8
2290	9.72	.02	16.04	432	.36	15.68	1.29	161	13
2320	10.88	.02	38.42	427	.87	37.55	1.27	345	11
2350	4.09	.10	5.14	440	.49	4.65	.49	113	11
2380	1.36	.15	1.60	434	.24	1.36	.37	100	27
2410	.60	.29	.48	455	.14	.34	.10	56	16
2440	.95	.11	.38	467	.04	.34	.09	35	9
2470	.80	.12	.65	437	.08	.57	.07	71	8
2500	.45	.54	.35	408	.19	.16	.09	35	20
2530	.35	.42	.26	491	.11	.15	.07	42	20
2560	.49	.54	.24	482	.13	.11	.03	22	6
2590	.34	.70	.30	445	.21	.09	.07	26	20
2620	.36	.33	.21	456	.07	.14	.04	38	11
2650	.24	.41	.17	454	.07	.10	.02	41	8
2680	.21	.44	.18	455	.08	.10	.02	47	9
2710	.24	.34	.29	443	.10	.19	.02	79	8
2740	.82	.11	.37	453	.04	.33	.08	40	9
2770	.29	.52	.44	405	.23	.21	.07	72	24
2800	.26	.22	.27	478	.06	.21	.02	80	7
2830	.19	.36	.22	416	.08	.14	.01	73	5
2860	.19	.65	.20	429	.13	.07	.02	36	10
2890	.19	.69	.29	462	.20	.09	.05	47	26
2920	.89	.37	.95	439	.35	.60	.14	67	15
2950	.51	.54	.41	392	.22	.19	.11	37	21
2980	3.39	.13	7.33	437	.92	6.41	.44	189	12
3010	.57	.23	1.03	433	.24	.79	.32	138	56
3040	.17	.44	.39	420	.17	.22	.28	129	164
3100	.27	.50	.12	393	.06	.06	.32	22	118
3130	.59	.29	.21	435	.06	.15	.23	25	38
3160	.66	.24	.74	439	.18	.56	.21	84	31
3190	.12	.64	.36	436	.23	.13	.19	108	158
3220	.13	.39	.28	426	.11	.17	.10	130	76
3250	.03	.71	.07	0	.05	.02	.01	66	33
3280	1.17	.11	2.41	435	.26	2.15	.08	183	6
3310	2.72	.05	3.17	433	.16	3.01	.18	110	6

Amoco Chiefco A-1 Sterco 16-25-47-21W5						017130 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
3340	.79	.12	.84	441	.10	.74	.04	93	5
3370	5.51	.04	11.85	437	.44	11.41	.78	207	14
3400	6.06	.03	9.73	435	.29	9.44	.46	155	7
3430	.31	.11	.46	444	.05	.41	.05	132	16
3460	.69	.25	.64	441	.16	.48	.10	69	14
3490	8.60	.02	19.16	433	.41	18.75	.71	218	8
3520	5.59	.06	9.88	430	.58	9.30	.41	166	7
3550	.51	.24	.51	437	.12	.39	.07	76	13
3580	3.70	.04	6.82	438	.25	6.57	.14	177	3
3610	5.32	.01	13.20	438	.16	13.04	.32	245	6
3640	.49	.22	.87	439	.19	.68	.04	138	8
3670	.18	.10	.10	448	.01	.09	.01	49	5
3700	1.40	.11	2.09	441	.23	1.86	.04	132	2
3730	6.59	.05	10.29	433	.52	9.77	.38	148	5
3760	2.14	.10	2.02	439	.21	1.81	.15	84	7
3790	.30	.40	.47	437	.19	.28	.03	93	10
3820	.04	.83	.06	418	.05	.01	.01	25	25
3850	.48	.25	.65	441	.16	.49	.15	102	31
3880	5.17	.08	10.84	443	.91	9.93	.27	192	5
3910	.09	.56	.18	446	.10	.08	.01	88	11
3940	.95	.10	.48	447	.05	.43	.02	45	2
3970	.16	.45	.29	438	.13	.16	.01	100	6
4000	.40	.31	.64	436	.20	.44	.01	110	2
4030	.19	.27	.22	441	.06	.16	.01	84	5
4060	.27	.21	.24	440	.05	.19	.01	70	3
4090	.08	.47	.15	426	.07	.08	.01	100	12
4120	.48	.21	.58	439	.12	.46	.01	95	2
4150	.80	.18	1.00	433	.18	.82	.01	102	1
4180	2.06	.06	2.55	437	.16	2.39	.07	116	3
4210	.21	.46	.26	444	.12	.14	.01	66	4
4240	.41	.20	.46	445	.09	.37	.02	90	4
4270	.73	.14	.69	436	.10	.59	.04	80	5
4300	1.17	.09	1.38	436	.12	1.26	.06	107	5
4330	.50	.16	.74	443	.12	.62	.01	124	2
4360	.35	.21	.34	444	.07	.27	.10	77	28
4390	.08	.38	.08	442	.03	.05	.01	62	12
4420	.28	.21	.38	439	.08	.30	.01	107	3
4450	.67	.27	1.16	439	.31	.85	.01	126	1
4480	.59	.19	.83	443	.16	.67	.06	113	10
4510	.84	.20	1.27	444	.26	1.01	.02	120	2
4540	.76	.17	1.46	441	.25	1.21	.02	159	2
4570	.66	.21	.77	442	.16	.61	.02	92	3
4600	.79	.13	1.21	441	.16	1.05	.02	132	2
4630	.32	.25	.32	443	.08	.24	.03	75	9
4660	.79	.33	1.22	440	.40	.82	.05	103	6
4690	2.54	.08	3.26	442	.27	2.99	.15	117	5
4720	2.63	.09	2.76	447	.26	2.50	.49	95	18
4750	.66	.14	1.33	424	.19	1.14	.10	172	15
4780	2.06	.07	3.21	433	.23	2.98	.10	144	4
4810	.85	.31	1.19	441	.37	.82	.05	96	5
4840	.58	.27	.84	441	.23	.61	.01	105	1
4870	.29	.39	.49	435	.19	.30	.01	103	3
4900	1.46	.09	1.73	447	.16	1.57	.04	107	2
4930	.77	.29	.94	442	.27	.67	.04	87	5
4960	27.55	.04	50.50	442	1.97	48.53	1.62	176	5

Amoco Chiefco A-1 Sterco 16-25-47-21W5						017130 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
4990	2.89	.07	2.52	453	.18	2.34	.49	80	16
5020	.61	.16	.92	441	.15	.77	.01	126	1
5050	.89	.21	1.58	446	.33	1.25	.04	140	4
5080	1.38	.13	1.81	449	.23	1.58	.08	114	5
5110	.63	.18	.83	445	.15	.68	.01	107	1
5140	1.04	.19	1.21	447	.23	.98	.09	94	8
5170	.68	.19	.86	444	.16	.70	.02	102	2
5200	.13	.38	.29	415	.11	.18	.01	138	7
5230	.81	.24	1.19	444	.29	.90	.20	111	24
5260	.80	.19	1.53	448	.29	1.24	.02	155	2
5290	.38	.14	.84	433	.12	.72	.01	189	2
5320	.35	.32	.59	440	.19	.40	.01	114	2
5350	.55	.30	.91	442	.27	.64	.01	116	1
5380	1.40	.10	2.58	449	.25	2.33	.06	166	4
5410	1.79	.09	4.27	436	.37	3.90	.23	217	12
5440	1.89	.08	2.85	448	.24	2.61	.08	138	4
5470	.87	.13	1.71	441	.22	1.49	.08	171	9
5500	1.65	.11	2.63	446	.28	2.35	.07	142	4
5530	.41	.27	.84	442	.23	.61	.02	148	4
5560	.40	.23	.97	442	.22	.75	.01	187	2
5590	.65	.27	1.06	443	.29	.77	.02	118	3
5620	.50	.18	.51	444	.09	.42	.08	84	16
5650	1.06	.15	1.69	441	.25	1.44	.03	135	2
5680	.64	.14	.84	442	.12	.72	.01	112	1
5710	.46	.33	1.01	435	.33	.68	.01	147	2
5740	.90	.15	1.62	442	.24	1.38	.01	153	1
5770	.44	.22	.78	439	.17	.61	.01	138	2
5800	.39	.37	.67	437	.25	.42	.01	107	2
5830	.24	.39	.31	440	.12	.19	.01	79	4
5860	.49	.26	.74	444	.19	.55	.01	112	2
5890	.67	.29	1.01	441	.29	.72	.01	107	1
5920	.76	.33	1.59	437	.52	1.07	.72	140	94
5950	.36	.35	.60	435	.21	.39	.01	108	2
5980	.41	.35	.80	438	.28	.52	.16	126	39
6010	.36	.29	.49	441	.14	.35	.33	97	91
6040	.27	.38	.52	434	.20	.32	.02	118	7
6070	.35	.24	.42	442	.10	.32	.01	91	2
6100	.63	.17	.82	440	.14	.68	.01	107	1
6130	.32	.26	.53	440	.14	.39	.01	121	3
6160	.39	.25	.65	442	.16	.49	.01	125	2
6190	.26	.25	.24	444	.06	.18	.01	69	3
6220	2.01	.05	9.49	435	.46	9.03	.10	449	4
6250	.50	.21	.66	439	.14	.52	.01	104	2
6280	.35	.23	.47	440	.11	.36	.01	102	2
6310	.48	.17	.41	446	.07	.34	.06	70	12
6340	.74	.21	.78	438	.16	.62	.07	83	9
6370	.31	.34	.50	440	.17	.33	.01	106	3
6400	.21	.33	.15	441	.05	.10	.01	47	4
6430	.23	.12	.25	447	.03	.22	.01	95	4
6460	4.78	.02	22.81	433	.55	22.26	.60	465	12
6490	.24	.29	.21	446	.06	.15	.02	62	8
6520	.14	.45	.22	395	.10	.12	.01	85	7
6550	.19	.32	.25	436	.08	.17	.01	89	5
6580	.29	.24	.41	436	.10	.31	.01	106	3
6610	.27	.30	.46	437	.14	.32	.01	118	3

Amoco Chiefco A-1 Sterco 16-25-47-21W5						017130 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
6640	.36	.19	.57	440	.11	.46	.01	127	2
6670	.18	.24	.25	444	.06	.19	.01	105	5
6700	.72	.16	1.49	438	.24	1.25	.05	173	6
6730	.19	.36	.33	431	.12	.21	.01	110	5
6760	.37	.30	.67	434	.20	.47	.01	127	2
6790	.49	.19	.68	442	.13	.55	.01	112	2
6820	.20	.33	.39	421	.13	.26	.01	130	5
6850	.26	.25	.28	444	.07	.21	.01	80	3
6880	.22	.31	.32	433	.10	.22	.01	100	4
6910	.40	.15	.40	444	.06	.34	.01	85	2
6940	.45	.08	.38	446	.03	.35	.01	77	2
6970	.52	.16	.68	439	.11	.57	.01	109	1
7000	.33	.06	.48	438	.03	.45	.02	136	6
7030	.29	.14	.22	447	.03	.19	.01	65	3
7060	.29	.24	.33	442	.08	.25	.01	86	3
7090	.40	.13	.30	447	.04	.26	.01	65	2
7120	.18	.26	.19	447	.05	.14	.01	77	5
7150	.19	.26	.38	440	.10	.28	.01	147	5
7180	.30	.21	.39	441	.08	.31	.01	103	3
7210	.32	.21	.33	445	.07	.26	.01	81	3
7240	.52	.09	1.93	430	.17	1.76	.01	338	1
7270	.38	.12	.33	444	.04	.29	.01	76	2
7300	.77	.09	.77	444	.07	.70	.01	90	1
7330	.54	.16	.49	440	.08	.41	.01	75	1
7360	.34	.26	.35	445	.09	.26	.01	76	2
7390	.59	.13	.71	443	.09	.62	.01	105	1
7420	.29	.19	.26	448	.05	.21	.02	72	6
7450	.27	.16	.19	444	.03	.16	.01	59	3
7480	1.12	.07	1.29	443	.09	1.20	.01	107	0
7510	.30	.12	.25	447	.03	.22	.01	73	3
7540	.36	.30	.87	434	.26	.61	.01	169	2
7570	.37	.18	.50	444	.09	.41	.01	110	2
7600	.33	.18	.38	446	.07	.31	.01	93	3
7630	.43	.09	.46	445	.04	.42	.01	97	2
7660	.30	.17	.30	448	.05	.25	.01	83	3
7690	.47	.14	.49	444	.07	.42	.01	89	2
7720	.44	.18	.61	446	.11	.50	.01	113	2
7750	.39	.16	.32	447	.05	.27	.01	69	2
7780	.18	.27	.22	445	.06	.16	.01	88	5
7810	.34	.21	.52	448	.11	.41	.01	120	2
7840	.35	.14	.29	452	.04	.25	.01	71	2
7870	.40	.17	.42	443	.07	.35	.01	87	2
7900	.32	.20	.30	448	.06	.24	.01	75	3
7930	.18	.26	.27	449	.07	.20	.01	111	5
7960	.26	.32	.34	445	.11	.23	.01	88	3
7990	.42	.17	.36	457	.06	.30	.01	71	2
8020	.37	.19	.27	454	.05	.22	.01	59	2
8050	.30	.21	.24	450	.05	.19	.01	63	3
8080	.41	.14	.29	452	.04	.25	.01	60	2
8110	.20	.32	.25	410	.08	.17	.01	85	5
8140	.14	.31	.16	429	.05	.11	.01	78	7
8170	.41	.29	.45	449	.13	.32	.01	78	2
8200	.47	.27	.55	454	.15	.40	.01	85	2
8230	.38	.20	.30	451	.06	.24	.01	63	2
8260	.44	.21	.34	451	.07	.27	.01	61	2

Amoco	Chiefco	A-1	Sterco	16-25-47-21W5	017130 ft				
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
8290	.68	.14	.74	445	.10	.64	.01	94	1
8320	.35	.16	.25	453	.04	.21	.01	60	2
8350	.43	.19	.37	446	.07	.30	.01	69	2
8380	.35	.23	.39	451	.09	.30	.01	85	2
8410	.29	.26	.31	458	.08	.23	.01	79	3
8440	.35	.21	.43	454	.09	.34	.01	97	2
8470	.41	.18	.39	456	.07	.32	.01	78	2
8500	.45	.13	.39	457	.05	.34	.01	75	2
8530	.28	.14	.29	462	.04	.25	.01	89	3
8560	.47	.24	.85	457	.20	.65	.01	138	2
8590	.82	.14	1.01	444	.14	.87	.01	106	1
8620	.32	.28	.60	431	.17	.43	.01	134	3
8650	.22	.15	.27	452	.04	.23	.01	104	4
8680	.38	.23	.56	454	.13	.43	.11	113	28
8710	.43	.29	.86	452	.25	.61	.09	141	20
8740	.18	.35	.43	457	.15	.28	.06	155	33
8770	.37	.20	.41	460	.08	.33	.04	89	10
8800	.58	.24	.83	461	.20	.63	.06	108	10
8830	.71	.24	1.11	458	.27	.84	.02	118	2
8860	.42	.27	.67	457	.18	.49	.02	116	4
8890	.36	.35	.68	456	.24	.44	.01	122	2
8920	.32	.24	.58	460	.14	.44	.12	137	37
8950	.34	.36	.53	454	.19	.34	.02	100	5
8980	.39	.33	.51	449	.17	.34	.24	87	61
9010	.39	.35	.48	459	.17	.31	.07	79	17
9040	.40	.36	.58	458	.21	.37	.02	92	5
9070	.45	.33	.61	462	.20	.41	.04	91	8
9100	.48	.35	.78	457	.27	.51	.05	106	10
9130	.55	.37	.89	459	.33	.56	.23	101	41
9160	.52	.35	.82	458	.29	.53	.17	101	32
9190	.58	.36	1.16	456	.42	.74	.02	127	3
9220	.42	.31	.68	452	.21	.47	.01	111	2
9250	.48	.37	.82	456	.30	.52	.01	108	2
9280	.45	.34	.93	455	.32	.61	.02	135	4
9310	.34	.33	.48	461	.16	.32	.01	94	2
9340	.52	.39	1.32	455	.51	.81	.13	155	25
9370	.69	.35	1.15	455	.40	.75	.03	108	4
9400	.61	.35	1.27	455	.44	.83	.25	136	40
9430	.74	.37	1.51	457	.56	.95	.11	128	14
9460	.67	.35	1.08	458	.38	.70	.08	104	11
9490	.58	.37	1.37	457	.51	.86	.04	148	6
9520	.73	.38	1.25	457	.47	.78	.08	106	10
9550	.91	.37	1.29	458	.48	.81	.19	89	20
9580	.88	.36	1.65	454	.59	1.06	.07	120	7
9610	.72	.35	1.28	460	.45	.83	.06	115	8
9640	.62	.34	1.06	456	.36	.70	.04	112	6
9670	.68	.33	1.20	458	.40	.80	.80	117	117
9700	.68	.40	1.31	458	.52	.79	.09	116	13
9730	.68	.42	1.37	457	.57	.80	.04	117	5
9760	.72	.50	1.54	455	.77	.77	.21	106	29
9790	.68	.48	1.31	460	.63	.68	.22	100	32
9820	.67	.35	1.04	442	.36	.68	.25	101	37
9850	.63	.33	.78	461	.26	.52	.03	82	4
9880	.58	.41	.87	459	.36	.51	.05	87	8
9910	.50	.33	.92	455	.30	.62	.04	124	8

Amoco Chiefco A-1 Sterco 16-25-47-21W5						017130 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
9940	.50	.36	.83	458	.30	.53	.12	105	24
9970	.52	.34	.76	464	.26	.50	.02	96	3
10000	.43	.34	.74	466	.25	.49	.06	113	13
10030	.71	.38	1.08	466	.41	.67	.17	94	23
10060	.52	.38	.99	461	.38	.61	.01	117	1
10090	.70	.36	1.12	465	.40	.72	.04	102	5
10120	.65	.43	1.09	465	.47	.62	.02	95	3
10150	.70	.36	1.04	463	.37	.67	.01	95	1
10180	.79	.38	1.21	468	.46	.75	.05	94	6
10210	.65	.45	1.55	463	.69	.86	.06	132	9
10240	.80	.40	1.77	453	.70	1.07	.01	133	1
10270	.64	.46	1.42	459	.66	.76	.03	118	4
10300	.54	.40	.93	466	.37	.56	.01	103	1
10330	.67	.38	1.24	463	.47	.77	.01	114	1
10360	.51	.45	1.21	440	.55	.66	.20	129	39
10390	.44	.36	.78	464	.28	.50	.01	113	2
10420	.43	.38	.85	407	.32	.53	.60	123	139
10450	.34	.34	1.15	461	.39	.76	.01	223	2
10480	.54	.38	.96	464	.36	.60	.05	111	9
10510	.49	.39	1.03	460	.40	.63	.33	128	67
10540	.60	.39	.93	462	.36	.57	.01	95	1
10570	.58	.36	.91	462	.33	.58	.03	100	5
10600	.48	.42	.50	475	.21	.29	.01	60	2
10630	.67	.49	.83	467	.41	.42	.01	62	1
10640	.20	.09	.64	433	.06	.58	.06	290	30
10660	.61	.53	.60	471	.32	.28	.08	45	13
10690	.77	.43	.47	470	.20	.27	.08	35	10
10720	.70	.49	.63	467	.31	.32	.07	45	10
10750	.01	.00	.01	0	.00	.01	.01	100	100
10780	.55	.51	.35	477	.18	.17	.30	30	54
10810	.70	.43	.95	468	.41	.54	.10	77	14
10840	.63	.48	1.31	468	.63	.68	.07	107	11
10870	.60	.45	1.05	468	.47	.58	.05	96	8
10900	.39	.36	.44	467	.16	.28	.03	71	7
10930	.98	.50	1.31	471	.66	.65	.11	66	11
10960	.93	.45	1.00	471	.45	.55	.11	59	11
10990	.89	.44	1.04	469	.46	.58	.07	65	7
11020	.01	.00	.01	0	.00	.01	.01	100	100
11050	1.06	.44	1.07	472	.47	.60	.05	56	4
11080	.91	.44	.98	469	.43	.55	.05	60	5
11110	.89	.50	1.11	467	.55	.56	.04	62	4
11140	.96	.45	.83	472	.37	.46	.05	47	5
11170	.94	.45	.88	473	.40	.48	.03	51	3
11200	1.07	.49	.96	474	.47	.49	.16	45	14
11230	.69	.47	.95	473	.45	.50	.05	72	7
11260	.49	.41	.68	473	.28	.40	.02	81	4
11290	.64	.51	.87	474	.44	.43	.03	67	4
11320	.86	.41	.76	477	.31	.45	.06	52	6
11350	.86	.49	.84	475	.41	.43	.06	50	6
11380	.75	.48	.61	476	.29	.32	.08	42	10
11410	.95	.49	.81	477	.40	.41	.08	43	8
11440	1.06	.51	.84	478	.43	.41	.05	38	4
11470	.78	.52	.84	479	.44	.40	.18	51	23
11500	1.20	.41	1.09	349	.45	.64	.94	53	78
11530	.89	.54	1.10	478	.59	.51	.05	57	5

Amoco Chiefco A-1 Sterco 16-25-47-21W5						017130 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
11560	1.04	.48	.89	470	.43	.46	.04	44	3
11590	1.02	.54	.95	479	.51	.44	.02	43	1
11620	.75	.45	.87	475	.39	.48	.02	64	2
11650	.47	.31	.35	480	.11	.24	.02	51	4
11680	.69	.53	.88	481	.47	.41	.01	59	1
11710	.65	.52	.87	483	.45	.42	.01	64	1
11740	.52	.52	.81	424	.42	.39	.06	75	11
11770	.55	.47	.53	486	.25	.28	.11	50	20
11800	.43	.39	.49	498	.19	.30	.01	69	2
11830	.53	.43	.72	436	.31	.41	.01	77	1
11860	.55	.40	.81	450	.32	.49	.10	89	18
11890	.90	.54	.26	531	.14	.12	.10	13	11
11930	.80	.59	.17	476	.10	.07	.12	8	15
11960	.82	.51	.95	373	.48	.47	.10	57	12
11990	.67	.46	.68	447	.31	.37	.02	55	2
12020	.66	.36	.61	432	.22	.39	.08	59	12
12050	.72	.48	.46	500	.22	.24	.20	33	27
12080	.57	.44	.55	507	.24	.31	.10	54	17
12110	.50	.32	.72	431	.23	.49	.05	98	10
12140	.46	.36	1.14	419	.41	.73	.04	158	8
12170	.50	.29	2.11	435	.62	1.49	.08	298	16
12200	.45	.46	.48	438	.22	.26	.09	57	20
12230	1.19	.12	4.91	430	.59	4.32	.35	363	29
12260	.05	.39	.66	434	.26	.40	.06	800	120
12290	.32	.41	.39	456	.16	.23	.31	71	96
12320	.37	.39	.31	444	.12	.19	.28	51	75
12350	2.73	.08	4.52	507	.34	4.18	.31	153	11
12380	.70	.23	.93	507	.21	.72	.25	102	35
12410	1.17	.19	1.71	508	.33	1.38	.07	117	5
12440	2.11	.07	4.25	506	.28	3.97	.30	188	14
12470	1.39	.17	1.06	512	.18	.88	.28	63	20
12500	1.59	.11	3.38	499	.37	3.01	.04	189	2
12530	1.08	.20	1.21	512	.24	.97	.15	89	13
12560	3.03	.11	5.43	507	.61	4.82	.14	159	4
12590	.69	.21	.53	520	.11	.42	.02	60	2
12620	.74	.24	.98	516	.24	.74	.14	100	18
12650	.68	.36	.66	483	.24	.42	.23	61	33
12680	4.08	.18	6.20	517	1.13	5.07	.90	124	22
12710	2.93	.10	4.99	515	.48	4.51	.01	153	0
12740	.44	.36	.73	521	.26	.47	.01	106	2
12770	12.54	.01	19.99	527	.20	19.79	.15	157	1
12800	1.32	.18	2.06	521	.37	1.69	.16	128	12
12830	.59	.21	1.04	522	.22	.82	.04	138	6
12860	.48	.20	.89	518	.18	.71	.01	147	2
12890	.68	.28	.92	521	.26	.66	.05	97	7
12920	.70	.40	.63	530	.25	.38	.28	54	40
12950	1.15	.24	1.35	514	.32	1.03	.12	89	10
12980	.16	.50	.10	486	.05	.05	.01	31	6
13010	.61	.28	.64	515	.18	.46	.01	75	1
13040	.78	.28	.72	530	.20	.52	.20	66	25
13070	.72	.30	.73	541	.22	.51	.09	70	12
13100	.46	.44	.41	540	.18	.23	.01	50	2
13130	1.05	.14	2.20	512	.30	1.90	.31	180	29
13160	.97	.21	1.36	519	.28	1.08	.22	111	22
13190	1.00	.32	1.36	436	.44	.92	.26	92	26

Amoco Chiefco A-1 Sterco 16-25-47-21W5						017130 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
13220	.71	.41	.56	536	.23	.33	.06	46	8
13250	.51	.22	1.04	521	.23	.81	.01	158	1
13280	1.16	.25	1.77	510	.44	1.33	.27	114	23
13310	2.15	.14	5.78	436	.80	4.98	.20	231	9
13340	.20	.40	.25	452	.10	.15	.24	75	120
13370	.91	.32	.78	523	.25	.53	.12	58	13
13400	1.84	.38	1.09	530	.41	.68	.27	36	14
13430	2.44	.27	2.01	510	.55	1.46	.10	59	4
13460	2.16	.17	.83	544	.14	.69	.23	31	10
13490	.47	.43	.68	444	.29	.39	.09	82	19
13520	.36	.39	.49	538	.19	.30	.01	83	2
13550	.19	.50	.30	427	.15	.15	.01	78	5
13580	.34	.43	.44	367	.19	.25	.08	73	23
13610	.49	.38	.47	494	.18	.29	.01	59	2
13640	.64	.24	.46	532	.11	.35	.01	54	1
13670	.63	.33	.69	524	.23	.46	.01	73	1
13700	.53	.36	.39	547	.14	.25	.01	47	1
13730	.85	.31	.86	526	.27	.59	.03	69	3
13760	.62	.36	.39	544	.14	.25	.03	40	4
13790	.38	.32	.28	547	.09	.19	.01	50	2
13820	.14	.56	.16	366	.09	.07	.01	50	7
13850	.32	.15	.67	515	.10	.57	.01	178	3
13880	.21	.57	.23	391	.13	.10	.01	47	4
13910	.99	.68	.85	415	.58	.27	.01	27	1
13940	1.35	.39	1.37	517	.54	.83	.05	61	3
13970	.32	.49	.43	451	.21	.22	.01	68	3
14000	.38	.58	.31	460	.18	.13	.08	34	21
14030	.31	.55	.33	415	.18	.15	.01	48	3
14060	.74	.38	1.13	435	.43	.70	.61	94	82
14090	.47	.61	.23	450	.14	.09	.01	19	2
14120	.07	.67	.06	0	.04	.02	.01	28	14
14150	.18	.18	.39	514	.07	.32	.01	177	5
14180	.10	.50	.16	368	.08	.08	.01	80	10
14210	.13	.47	.32	375	.15	.17	.01	130	7
14240	.11	.40	.15	423	.06	.09	.01	81	9
14270	.06	1.00	.01	0	.01	.00	.01	0	16
14300	.08	.67	.06	334	.04	.02	.01	25	12
14330	.12	.45	.33	368	.15	.18	.01	150	8
14360	.02	.00	.01	0	.00	.01	.01	50	50
14390	.02	.67	.03	0	.02	.01	.01	50	50
14420	.03	.60	.05	305	.03	.02	.02	66	66
14450	.21	.43	.21	408	.09	.12	.12	57	57
14480	.27	.86	.07	329	.06	.01	.10	3	37
14510	.18	.54	.13	349	.07	.06	.01	33	5
14540	.16	.50	.16	406	.08	.08	.07	50	43
14570	.14	.25	.08	418	.02	.06	.01	42	7
14600	.28	.65	.40	392	.26	.14	.14	50	50
14630	.08	1.00	.01	0	.01	.00	.01	0	12
14660	.18	.70	.10	318	.07	.03	.01	16	5
14690	.06	.00	.01	0	.00	.01	.01	16	16
14720	.11	1.00	.01	0	.01	.00	.01	0	9
14750	.33	.18	.22	533	.04	.18	.01	54	3
14780	.04	.75	.08	334	.06	.02	.01	50	25
14810	.09	.62	.13	331	.08	.05	.01	55	11
14840	.14	.77	.13	0	.10	.03	.01	21	7

Amoco Chiefco A-1 Sterco 16-25-47-21W5						017130 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
14870	.11	.64	.14	0	.09	.05	.01	45	9
14900	.15	.71	.14	0	.10	.04	.23	26	153
14930	.07	.78	.09	0	.07	.02	.01	28	14
14960	.20	.82	.22	399	.18	.04	.02	20	10
14990	.19	.70	.33	371	.23	.10	.01	52	5
15020	.17	.63	.24	333	.15	.09	.01	52	5
15050	.19	.63	.16	342	.10	.06	.01	31	5
15080	.22	.72	.25	318	.18	.07	.01	31	4
15110	.18	.76	.25	0	.19	.06	.01	33	5
15140	.12	.92	.12	0	.11	.01	.01	8	8
15170	.21	.80	.15	394	.12	.03	.01	14	4
15200	.17	1.00	.16	0	.16	.00	.01	0	5
15230	.26	.80	.25	306	.20	.05	.01	19	3
15260	.30	.89	.28	0	.25	.03	.01	10	3
15290	.24	.78	.23	0	.18	.05	.01	20	4
15320	.52	.53	.59	432	.31	.28	.01	53	1
15350	.16	.78	.18	357	.14	.04	.01	25	6
15380	.11	.69	.16	443	.11	.05	.01	45	9
15410	.08	.81	.16	0	.13	.03	.01	37	12
15440	.08	.73	.15	0	.11	.04	.01	50	12
15470	.02	.78	.09	0	.07	.02	.01	100	50
15500	.05	.77	.13	326	.10	.03	.01	60	20
15530	.13	.60	.15	342	.09	.06	.01	46	7
15560	.01	1.00	.02	0	.02	.00	.01	0	100
15590	.01	1.00	.02	0	.02	.00	.01	0	100
15620	.01	1.00	.02	0	.02	.00	.01	0	100
15650	.01	1.00	.01	0	.01	.00	.01	0	100
15680	.02	1.00	.05	0	.05	.00	.01	0	50
15710	.03	1.00	.03	0	.03	.00	.01	0	33
15740	.03	.83	.12	0	.10	.02	.01	66	33
15770	.11	.81	.21	0	.17	.04	.03	36	27
15800	.28	.98	.60	352	.59	.01	.72	3	257
15830	.05	1.00	.16	0	.16	.00	.34	0	680
15860	.02	1.00	.08	0	.08	.00	.11	0	550
15890	.08	1.00	.18	0	.18	.00	.36	0	450
15920	.03	1.00	.10	0	.10	.00	.18	0	600
15950	.20	.16	1.03	422	.16	.87	.19	435	95
15980	.01	1.00	.03	0	.03	.00	.09	0	900
16010	.02	1.00	.05	0	.05	.00	.09	0	450
16070	.29	1.00	.04	0	.04	.00	.08	0	27
16100	.06	.70	.10	383	.07	.03	.04	50	66
16130	.04	1.00	.04	0	.04	.00	.08	0	200
16160	.02	.00	.01	0	.00	.01	.01	50	50
16190	.07	1.00	.03	0	.03	.00	.02	0	28
16220	.06	.57	.07	351	.04	.03	.06	50	100
16250	.05	1.00	.01	0	.01	.00	.01	0	20
16310	.10	1.00	.02	0	.02	.00	.05	0	50
16340	.13	.75	.04	303	.03	.01	.01	7	7
16370	.26	.48	.50	393	.24	.26	.19	100	73
16400	.15	.53	.19	394	.10	.09	.11	59	73
16430	.15	.86	.14	331	.12	.02	.44	13	293
16460	.11	.76	.17	350	.13	.04	.32	36	290
16490	.09	1.00	.05	0	.05	.00	.33	0	366
16520	.09	.70	.10	0	.07	.03	.22	33	244
16550	.10	.64	.11	0	.07	.04	.15	40	150

Amoco Chiefco A-1 Sterco 16-25-47-21W5						017130 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
16580	.66	.57	.37	391	.21	.16	.17	24	25
16610	.47	.61	.57	379	.35	.22	.12	46	25
16640	.22	.60	.40	380	.24	.16	.14	72	63
16670	.10	.67	.27	382	.18	.09	.04	90	40
16700	.14	.75	.28	381	.21	.07	.21	50	150
16730	.12	.73	.11	374	.08	.03	.20	25	166
16760	.05	.75	.12	0	.09	.03	.14	60	280
16790	.02	.90	.10	0	.09	.01	.06	50	300
16820	.05	1.00	.07	0	.07	.00	.30	0	600
16850	.05	1.00	.04	0	.04	.00	.11	0	220
16880	.09	.26	.35	398	.09	.26	.09	288	99
16910	.02	1.00	.04	0	.04	.00	.08	0	400
16940	.06	.79	.14	353	.11	.03	.25	50	416
16970	.07	.83	.12	0	.10	.02	.08	28	114
17000	.03	1.00	.04	0	.04	.00	.01	0	33
17030	.04	.75	.04	314	.03	.01	.01	25	25
17060	.05	.25	.04	399	.01	.03	.01	60	20
17090	.37	.39	.28	387	.11	.17	.27	45	72
17130	.03	1.00	.02	0	.02	.00	.14	0	466
Edmonton Grp.			1942F						
Brazeau Fm.			5908						
Wapiabi			8658						
Bad Heart Fm.			9853						
Cardium Fm.			10175						
Cardium SS			10325						
Kaskapau Fm.			10522						
Fish Scales Base			11904						
Mountain Park Fm.			11997						
Luscar Fm.			12147						
Cadomin Fm			13512						
Ferne Grp.			13581						
Rock Creek Mbr.			13790						
Nordegg Mbr.			13941						
Spray River Grp.			14067						
Turner Valley Fm.			14220						
Shunda Fm.			14372						
Pekisko Fm.			14643						
Banff Fm.			14780						
Exshaw Fm.			15303						
Palliser Fm.			15310						
Winterburn Grp.			16050						
Ireton Fm.			16326						
Leduc Fm.			16973						

Amoco Chevron A-1 Wawa 10-13-43-15W5					015330 ft				
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
31F	.88	.13	.15	444	.02	.13	1.17	14	132
40	.83	.19	.16	440	.03	.13	.54	15	65
48	15.57	.32	88.78	425	28.42	60.36	11.20	387	71
48	15.35	.32	90.32	427	28.52	61.80	11.20	402	72
49	17.29	.32	108.08	426	34.96	73.12	11.28	422	65
49	17.33	.32	105.10	426	33.86	71.24	11.68	411	67
50	11.01	.30	59.56	424	18.12	41.44	8.56	376	77
50	11.11	.30	59.92	426	18.12	41.80	8.32	376	74
70	.20	.21	.19	434	.04	.15	.61	75	305
100	.27	.14	.14	432	.02	.12	.17	44	62
130	.18	.29	.07	387	.02	.05	.02	27	11
160	.30	.31	.16	372	.05	.11	.08	36	26
190	.12	.00	.01	0	.00	.01	.01	8	8
220	.19	.00	.01	0	.00	.01	.03	5	15
250	.70	.09	.33	434	.03	.30	.17	42	24
260	.83	.10	.51	437	.05	.46	.28	55	33
280	.44	.27	.15	444	.04	.11	.30	25	68
340	1.24	.03	.40	448	.01	.39	.55	31	44
370	.95	.09	.57	437	.05	.52	.83	54	87
400	.55	.45	.11	445	.05	.06	.25	10	45
430	.23	.33	.12	419	.04	.08	.01	34	4
450	.90	.10	.39	439	.04	.35	.33	38	36
500	.28	.50	.02	439	.01	.01	.01	3	3
530	.33	.33	.06	321	.02	.04	.01	12	3
560	.77	.11	.28	436	.03	.25	.33	32	42
590	1.64	.12	.81	434	.10	.71	.40	43	24
620	.22	.20	.05	451	.01	.04	.13	18	59
650	.72	.05	.19	440	.01	.18	.24	25	33
680	.58	.10	.21	436	.02	.19	.17	32	29
710	.63	.16	.25	435	.04	.21	.22	33	34
740	.35	.50	.10	429	.05	.05	.05	14	14
770	.52	.30	.30	432	.09	.21	.05	40	9
800	1.81	.02	4.04	430	.09	3.95	.16	218	8
830	.54	.21	.24	442	.05	.19	.19	35	35
860	.40	.38	.13	434	.05	.08	.06	20	15
890	.50	.38	.26	424	.10	.16	.11	32	22
920	.30	.50	.18	373	.09	.09	.13	30	43
950	.83	.21	.68	434	.14	.54	.20	65	24
980	.98	.34	.29	435	.10	.19	.33	19	33
1010	.47	.59	.22	378	.13	.09	.11	19	23
1040	.59	.33	.85	420	.28	.57	.13	96	22
1070	.25	.35	.23	415	.08	.15	.08	60	32
1130	.59	.42	.36	427	.15	.21	.06	35	10
1160	.41	.44	.09	435	.04	.05	.14	12	34
1190	.53	.35	.23	436	.08	.15	.09	28	16
1220	.78	.19	.36	435	.07	.29	.24	37	30
1250	.77	.27	.41	435	.11	.30	.16	38	20
1250	.30	.36	.22	464	.08	.14	.21	46	70
1260	.49	.24	.46	353	.11	.35	.93	71	189
1280	.53	.44	.27	440	.12	.15	.14	28	26
1310	.29	.57	.07	378	.04	.03	.01	10	3
1340	.40	.58	.26	338	.15	.11	.02	27	5
1370	.47	.55	.20	403	.11	.09	.05	19	10
1410	.15	.44	.16	429	.07	.09	.15	60	100
1440	.34	.26	.23	438	.06	.17	.17	50	50

Amoco Chevron A-1 Wawa 10-13-43-15W5						015330 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
1530	.68	.15	.41	436	.06	.35	.19	51	27
1560	.66	.09	.47	436	.04	.43	.16	65	24
1590	.01	.38	.08	443	.03	.05	.02	500	200
1610	.14	.33	.27	414	.09	.18	.06	128	42
1640	.87	.45	5.65	422	2.52	3.13	3.45	359	396
1670	4.07	.38	3.82	436	1.45	2.37	3.42	58	84
1700	4.93	.20	16.16	394	3.29	12.87	1.95	261	39
1720	.30	.54	.28	447	.15	.13	.55	43	183
1750	.51	.30	.33	442	.10	.23	.71	45	139
1790	.82	.15	.53	432	.08	.45	.79	54	96
1820	.64	.18	.28	433	.05	.23	.24	35	37
1850	.49	.15	.34	435	.05	.29	.45	59	91
1880	.46	.38	.24	446	.09	.15	.17	32	36
1910	4.75	.02	6.32	426	.15	6.17	1.31	129	27
1940	.45	.24	.25	438	.06	.19	.18	42	40
1970	.15	.63	.08	395	.05	.03	.14	20	93
2000	.59	.42	.96	397	.40	.56	.85	94	144
2030	.24	.13	.08	349	.01	.07	.10	29	41
2060	.16	.59	.32	335	.19	.13	.16	81	100
2090	.70	.13	.71	428	.09	.62	.47	88	67
2120	3.13	.02	1.48	458	.03	1.45	1.47	46	46
2150	.70	.03	.39	439	.01	.38	.22	54	31
2180	.94	.14	.63	433	.09	.54	.27	57	28
2210	.83	.04	.79	428	.03	.76	.31	91	37
2240	3.05	.07	2.71	423	.20	2.51	.73	82	23
2270	.45	.32	.77	411	.25	.52	.45	115	100
2300	.58	.34	.98	424	.33	.65	.52	112	89
2330	.14	.00	.02	435	.00	.02	.06	14	42
2390	.52	.17	.35	437	.06	.29	.12	55	23
2420	1.11	.21	.53	435	.11	.42	.34	37	30
2450	3.25	.05	3.14	429	.16	2.98	.97	91	29
2450	.78	.26	.58	436	.15	.43	.27	55	34
2480	.58	.26	.70	428	.18	.52	.21	89	36
2510	1.54	.21	1.26	432	.26	1.00	.41	64	26
2570	2.57	.04	2.30	436	.09	2.21	.54	85	21
2600	1.12	.08	1.36	428	.11	1.25	.29	111	25
2640	.66	.14	.42	432	.06	.36	.36	54	54
2670	3.47	.04	2.87	434	.11	2.76	.57	79	16
2700	.70	.10	.21	444	.02	.19	.24	27	34
2730	1.70	.10	1.43	431	.15	1.28	.47	75	27
2770	1.06	.22	1.11	437	.24	.87	.44	82	41
2800	2.43	.03	1.17	442	.04	1.13	.68	46	27
2830	.74	.18	.38	444	.07	.31	.15	41	20
2850	1.92	.04	1.79	436	.08	1.71	.25	89	13
2860	47.11	.01	73.47	431	.63	72.84	7.05	154	14
2870	45.16	.01	94.09	431	.76	93.33	8.19	206	18
2880	3.68	.01	5.29	432	.05	5.24	.40	142	10
2890	7.78	.01	25.07	429	.24	24.83	2.20	319	28
2900	6.72	.01	14.48	429	.17	14.31	1.75	212	26
2910	9.06	.01	30.18	427	.32	29.86	2.73	329	30
2920	1.60	.06	.82	446	.05	.77	.45	48	28
2950	4.05	.04	4.79	433	.17	4.62	1.28	114	31
2960	2.36	.05	1.93	437	.09	1.84	.40	77	16
2970	26.60	.01	78.27	427	.51	77.76	6.16	292	23
2980	27.51	.01	55.56	429	.73	54.83	4.47	199	16

Amoco Chevron A-1 Wawa 10-13-43-15W5						015330 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
2990	1.75	.11	1.59	437	.17	1.42	.28	81	15
3010	4.03	.04	5.09	436	.18	4.91	1.25	121	31
3040	.84	.19	.63	436	.12	.51	.09	60	10
3070	1.06	.05	1.10	426	.05	1.05	.10	99	9
3100	5.51	.01	8.88	433	.12	8.76	1.53	158	27
3120	16.20	.02	33.50	433	.53	32.97	3.29	203	20
3130	37.29	.01	65.58	433	.67	64.91	7.37	174	19
3140	46.29	.01	91.84	431	.58	91.26	6.50	197	14
3160	32.68	.01	76.40	431	1.10	75.30	5.70	230	17
3170	1.77	.10	1.29	434	.13	1.16	.38	65	21
3190	6.81	.02	20.68	427	.33	20.35	1.96	298	28
3220	2.26	.04	2.23	436	.09	2.14	.35	94	15
3250	13.60	.01	28.23	431	.34	27.89	2.88	205	21
3280	20.45	.01	51.21	431	.67	50.54	4.08	247	19
3310	6.00	.02	11.42	428	.26	11.16	1.64	186	27
3340	3.88	.01	5.33	435	.04	5.29	.61	136	15
3370	16.80	.01	33.02	429	.39	32.63	2.09	194	12
3380	23.54	.01	64.85	430	.46	64.39	4.00	273	16
3400	4.79	.03	5.05	436	.13	4.92	.89	102	18
3430	23.56	.01	48.98	431	.39	48.59	4.01	206	17
3460	7.90	.02	22.73	426	.36	22.37	1.98	283	25
3490	7.74	.03	23.84	431	.63	23.21	2.17	299	28
3520	29.34	.01	90.11	428	.99	89.12	4.02	303	13
3550	6.57	.01	25.79	428	.35	25.44	2.00	387	30
3580	44.46	.01	84.88	430	.87	84.01	4.81	188	10
3610	32.75	.01	51.32	434	.50	50.82	5.47	155	16
3640	50.49	.01	83.28	433	.71	82.57	6.28	163	12
3670	37.43	.01	74.33	435	.50	73.83	7.50	197	20
3700	36.44	.01	60.17	442	.45	59.72	6.48	163	17
3730	8.82	.02	27.84	428	.66	27.18	2.79	308	31
3760	1.60	.31	1.98	431	.62	1.36	.41	85	25
3790	4.18	.13	7.17	436	.91	6.26	.95	149	22
3820	20.69	.02	41.78	433	.92	40.86	3.47	197	16
3850	23.97	.03	19.75	446	.65	19.10	4.47	79	18
3880	11.35	.03	10.25	439	.29	9.96	1.72	87	15
3910	20.05	.02	27.88	435	.65	27.23	5.28	135	26
3940	8.92	.02	31.30	427	.49	30.81	2.50	345	28
3970	3.88	.08	3.72	432	.29	3.43	.76	88	19
4000	3.16	.05	4.30	437	.23	4.07	.63	128	19
4030	5.65	.08	11.67	427	.97	10.70	1.62	189	28
4060	8.70	.02	32.45	427	.79	31.66	2.90	363	33
4090	8.86	.03	38.94	426	1.30	37.64	3.36	424	37
4120	8.40	.01	22.67	430	.26	22.41	2.59	266	30
4150	2.12	.12	2.04	433	.24	1.80	.65	84	30
4180	1.17	.14	1.06	440	.15	.91	.40	77	34
4210	1.23	.11	1.14	432	.13	1.01	.30	82	24
4240	1.08	.08	1.31	434	.10	1.21	.19	112	17
4270	1.96	.07	1.59	437	.11	1.48	.36	75	18
4300	6.12	.03	13.03	430	.33	12.70	1.70	207	27
4330	1.98	.18	2.31	436	.42	1.89	.47	95	23
4360	3.85	.04	5.66	435	.25	5.41	.89	140	23
4390	2.41	.03	4.98	434	.13	4.85	.56	201	23
4420	7.43	.03	23.96	428	.80	23.16	3.46	311	46
4450	15.58	.01	15.28	437	.10	15.18	4.15	97	26
4480	1.89	.11	1.48	436	.17	1.31	.53	69	28

Amoco Chevron A-1 Wawa 10-13-43-15W5						015330 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
4510	6.84	.02	12.47	433	.26	12.21	2.63	178	38
4540	3.16	.09	3.36	434	.31	3.05	.73	96	23
4570	3.13	.06	3.20	440	.19	3.01	.71	96	22
4600	5.41	.02	10.94	429	.19	10.75	.92	198	17
4630	4.92	.04	11.12	428	.40	10.72	.83	217	16
4660	3.31	.04	4.46	436	.17	4.29	.54	129	16
4700	22.79	.01	47.26	432	.60	46.66	4.39	204	19
4720	6.34	.03	15.24	434	.39	14.85	.93	234	14
4750	27.43	.01	86.60	430	1.09	85.51	4.67	311	17
4780	21.46	.01	52.73	429	.69	52.04	3.22	242	15
4810	22.61	.02	76.34	431	1.57	74.77	2.72	330	12
4840	30.75	.03	89.30	431	2.72	86.58	7.24	281	23
4900	.60	.24	.72	441	.17	.55	.26	91	43
4930	.88	.11	.75	441	.08	.67	.22	76	25
4960	.29	.36	.28	439	.10	.18	.21	62	72
4990	.13	.00	.02	414	.00	.02	.08	15	61
5010	7.61	.04	24.22	432	.88	23.34	2.24	306	29
5020	.32	.26	.35	358	.09	.26	.79	81	246
5050	.45	.13	.46	442	.06	.40	.65	88	144
5080	.35	.10	.31	441	.03	.28	.05	79	14
5110	1.27	.07	2.06	449	.14	1.92	.09	151	7
5140	.55	.16	.68	444	.11	.57	.10	103	18
5170	.51	.11	.64	439	.07	.57	.07	111	13
5200	1.36	.09	2.06	441	.18	1.88	.21	138	15
5230	.93	.06	1.40	443	.08	1.32	.46	141	49
5260	.73	.14	1.20	441	.17	1.03	.37	141	50
5290	.71	.09	.96	443	.09	.87	.08	122	11
5320	.60	.13	.71	441	.09	.62	.07	103	11
5350	.39	.06	.35	445	.02	.33	.02	84	5
5380	.78	.07	.76	444	.05	.71	.07	91	8
5410	.80	.09	1.14	429	.10	1.04	.48	130	60
5440	.89	.26	1.75	441	.46	1.29	.19	144	21
5470	.87	.08	1.12	441	.09	1.03	.06	118	6
5500	1.46	.08	4.07	438	.32	3.75	.19	256	13
5530	.70	.19	1.13	444	.22	.91	.11	130	15
5560	.52	.16	.61	443	.10	.51	.06	98	11
5580	.79	.14	1.10	443	.15	.95	.19	120	24
5620	.64	.21	.86	446	.18	.68	.09	106	14
5650	.94	.34	3.95	429	1.35	2.60	.43	276	45
5680	.30	.24	.34	443	.08	.26	.05	86	16
5710	1.24	.07	1.28	449	.09	1.19	.69	95	55
5740	.74	.10	.52	445	.05	.47	.21	63	28
5770	.56	.20	.56	442	.11	.45	.08	80	14
5800	.67	.18	1.19	442	.21	.98	.07	146	10
5830	.47	.20	.69	443	.14	.55	.06	117	12
5860	.60	.19	1.19	445	.23	.96	.20	160	33
5890	1.36	.04	2.93	448	.12	2.81	.11	206	8
5920	.68	.14	1.18	441	.17	1.01	.16	148	23
5950	.48	.24	.37	445	.09	.28	.08	58	16
5980	.26	.21	.14	449	.03	.11	.08	42	30
6010	1.05	.08	.92	441	.07	.85	.18	80	17
6040	.36	.15	.39	444	.06	.33	.04	91	11
6070	1.48	.12	1.57	450	.19	1.38	.22	93	14
6100	.62	.14	1.16	442	.16	1.00	1.02	161	164
6130	.61	.12	.67	445	.08	.59	.19	96	31

Amoco Chevron A-1 Wawa 10-13-43-15W5						015330 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
6160	.91	.19	1.85	406	.36	1.49	1.23	163	135
6190	.55	.11	.56	446	.06	.50	.04	90	7
6220	.38	.34	.59	443	.20	.39	.13	102	34
6250	.55	.10	1.22	361	.12	1.10	1.65	200	300
6280	.54	.20	.50	444	.10	.40	.04	74	7
6310	.51	.16	.75	447	.12	.63	.05	123	9
6340	.46	.24	.66	444	.16	.50	.15	108	32
6370	.28	.24	.46	443	.11	.35	.03	125	10
6400	.45	.17	.63	444	.11	.52	.10	115	22
6430	.40	.34	1.73	380	.59	1.14	.30	285	75
6460	.37	.31	1.14	430	.35	.79	.19	213	51
6490	.44	.19	.58	442	.11	.47	.03	106	6
6520	.40	.12	.49	446	.06	.43	.02	107	5
6540	.46	.24	.79	443	.19	.60	.07	130	15
6570	.68	.44	3.59	383	1.57	2.02	.25	297	36
6600	.32	.27	.66	442	.18	.48	.09	150	28
6630	.29	.28	.36	443	.10	.26	.03	89	10
6660	.40	.21	.42	445	.09	.33	.03	82	7
6690	.50	.16	.55	447	.09	.46	.02	92	4
6720	.26	.25	.36	446	.09	.27	.04	103	15
6750	.16	.39	.23	437	.09	.14	.01	87	6
6780	.54	.18	.90	442	.16	.74	.05	137	9
6810	.23	.21	.24	446	.05	.19	.01	82	4
6840	.12	.20	.10	452	.02	.08	.01	66	8
6860	.22	.31	.26	444	.08	.18	.05	81	22
6900	.26	.09	.23	447	.02	.21	.01	80	3
6930	.28	.14	.22	448	.03	.19	.01	67	3
6960	.24	.21	.19	448	.04	.15	.01	62	4
6990	.49	.12	.49	450	.06	.43	.02	87	4
7020	.39	.18	.38	446	.07	.31	.02	79	5
7050	.45	.31	.87	442	.27	.60	.05	133	11
7080	.61	.10	.51	449	.05	.46	.04	75	6
7110	.40	.18	.45	446	.08	.37	.03	92	7
7140	.18	.21	.14	449	.03	.11	.01	61	5
7170	.19	.15	.13	447	.02	.11	.01	57	5
7200	.56	.07	.42	450	.03	.39	.02	69	3
7220	.40	.14	.36	448	.05	.31	.02	77	5
7250	.37	.17	.36	452	.06	.30	.02	81	5
7280	.22	.35	.26	449	.09	.17	.03	77	13
7310	.46	.16	.50	449	.08	.42	.04	91	8
7340	.51	.16	.70	448	.11	.59	.07	115	13
7370	.27	.21	.29	449	.06	.23	.03	85	11
7400	.24	.07	.15	452	.01	.14	.01	58	4
7430	.37	.24	.54	447	.13	.41	.05	110	13
7460	.47	.15	.34	449	.05	.29	.02	61	4
7490	.39	.19	.37	450	.07	.30	.01	76	2
7520	.52	.15	.48	449	.07	.41	.02	78	3
7550	.43	.32	.59	449	.19	.40	.03	93	6
7580	.52	.10	.48	449	.05	.43	.02	82	3
7610	.43	.20	.50	448	.10	.40	.02	93	4
7640	.34	.00	.01	0	.00	.01	.01	2	2
7670	.35	.26	.50	450	.13	.37	.02	105	5
7700	.50	.17	.76	449	.13	.63	.06	126	12
7730	.34	.27	.44	450	.12	.32	.03	94	8
7760	.31	.29	.51	441	.15	.36	.08	116	25

Amoco Chevron A-1 Wawa 10-13-43-15W5						015330 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
7790	.34	.30	.56	447	.17	.39	.33	114	97
7820	.52	.23	.92	447	.21	.71	.06	136	11
7850	.41	.18	.38	456	.07	.31	.09	75	21
7880	.52	.14	.63	458	.09	.54	.19	103	36
7910	.17	.30	.20	455	.06	.14	.01	82	5
7940	.48	.20	.50	458	.10	.40	.04	83	8
7970	.44	.20	.49	458	.10	.39	.05	88	11
8000	.62	.19	.73	451	.14	.59	.26	95	41
8030	.69	.20	.65	452	.13	.52	.15	75	21
8060	.63	.23	.79	455	.18	.61	.51	96	80
8090	.60	.28	.76	455	.21	.55	.11	91	18
8120	.59	.23	.70	450	.16	.54	.14	91	23
8150	.64	.26	.39	454	.10	.29	.14	45	21
8180	.61	.09	.53	451	.05	.48	.08	78	13
8210	.37	.18	.22	452	.04	.18	.13	48	35
8240	.48	.21	.14	460	.03	.11	.24	22	50
8270	.52	.47	.15	456	.07	.08	.13	15	25
8300	.83	.16	.70	447	.11	.59	.35	71	42
8330	.62	.28	.47	450	.13	.34	.13	54	20
8360	.68	.81	.26	434	.21	.05	.12	7	17
8390	.58	.80	.20	379	.16	.04	.10	6	17
8420	.74	.90	.20	323	.18	.02	.14	2	18
8450	.51	1.00	.23	0	.23	.00	.10	0	19
8480	.55	1.00	.18	0	.18	.00	.10	0	18
8510	.49	1.00	.24	0	.24	.00	.14	0	28
8540	.66	.69	.26	419	.18	.08	.16	12	24
8570	.61	.95	.19	317	.18	.01	.13	1	21
8600	.93	.73	.37	419	.27	.10	.22	10	23
8630	.77	.19	.67	451	.13	.54	.18	70	23
8660	.70	.30	.61	444	.18	.43	.17	61	24
8690	.80	.41	.29	455	.12	.17	.20	21	25
8720	.73	.34	.41	454	.14	.27	.15	36	20
8750	.59	.40	.30	451	.12	.18	.12	30	20
8780	.52	.39	.23	461	.09	.14	.13	26	25
8810	.66	.20	.75	455	.15	.60	.29	90	43
8840	.58	.28	.29	455	.08	.21	.19	36	32
8870	.64	.24	.86	456	.21	.65	.39	101	60
8900	.42	.22	.46	461	.10	.36	.11	85	26
8930	.48	.20	.54	456	.11	.43	.17	89	35
8960	.47	.24	.17	474	.04	.13	.38	27	80
8990	.55	.22	.49	461	.11	.38	.15	69	27
9020	.60	.22	.83	454	.18	.65	.68	108	113
9050	.60	.29	.59	461	.17	.42	.24	70	40
9080	.54	.26	.74	453	.19	.55	.29	101	53
9100	11.99	.03	51.76	428	1.72	50.04	4.97	417	41
9110	.68	.30	1.20	451	.36	.84	.16	123	23
9140	.68	.24	.91	460	.22	.69	.24	101	35
9200	.67	.32	1.03	460	.33	.70	.07	104	10
9230	.79	.21	.85	456	.18	.67	.13	84	16
9260	.81	.28	1.09	461	.31	.78	.06	96	7
9290	.74	.34	1.19	461	.40	.79	.08	106	10
9320	.63	.28	1.37	455	.39	.98	.15	155	23
9350	.58	.26	.93	455	.24	.69	.12	118	20
9380	.50	.28	.58	462	.16	.42	.14	84	27
9410	.51	.33	.81	458	.27	.54	.14	105	27

Amoco Chevron A-1 Wawa 10-13-43-15W5						015330 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
9440	.63	.31	1.05	459	.33	.72	.24	114	38
9440	.63	.31	1.05	459	.33	.72	.24	114	38
9470	.50	.26	.69	459	.18	.51	.17	102	34
9470	.50	.26	.69	459	.18	.51	.17	102	34
9500	.61	.30	.94	460	.28	.66	.26	108	42
9500	.61	.30	.94	460	.28	.66	.26	108	42
9530	.46	.34	.77	458	.26	.51	.21	110	45
9530	.46	.34	.77	458	.26	.51	.21	110	45
9560	.61	.30	1.04	452	.31	.73	.20	119	32
9560	.61	.30	1.04	452	.31	.73	.20	119	32
9590	.56	.30	1.25	454	.38	.87	.31	155	55
9590	.56	.30	1.25	454	.38	.87	.31	155	55
9620	.62	.31	.87	462	.27	.60	.15	96	24
9620	.62	.31	.87	462	.27	.60	.15	96	24
9650	1.15	.10	1.86	434	.18	1.68	.44	146	38
9650	1.15	.10	1.86	434	.18	1.68	.44	146	38
9680	.61	.30	.96	459	.29	.67	.25	109	40
9680	.61	.30	.96	459	.29	.67	.25	109	40
9710	.01	.27	.98	456	.26	.72	.36	72003600	
9710	.53	.27	.98	456	.26	.72	.36	135	67
9740	.76	.31	1.04	460	.32	.72	.29	94	38
9770	.85	.36	1.03	462	.37	.66	.26	77	30
9800	.84	.35	.74	458	.26	.48	.31	57	36
9830	.65	.31	.97	454	.30	.67	.32	103	49
9860	.74	.39	1.01	463	.39	.62	.33	83	44
9890	1.19	.38	1.59	464	.61	.98	.53	82	44
9920	1.01	.40	1.44	466	.57	.87	.37	86	36
9950	1.25	.39	1.62	465	.63	.99	.44	79	35
9980	1.21	.38	1.43	464	.54	.89	.40	73	33
10010	1.12	.39	1.48	465	.58	.90	.42	80	37
10040	1.31	.37	1.43	464	.53	.90	.30	68	22
10070	1.23	.39	1.11	465	.43	.68	.30	55	24
10100	1.24	.37	1.38	466	.51	.87	.30	70	24
10130	1.44	.42	1.68	466	.70	.98	.44	68	30
10160	1.14	.41	1.39	463	.57	.82	.28	71	24
10190	1.19	.40	1.41	467	.56	.85	.63	71	52
10220	1.53	.22	1.09	450	.24	.85	.22	55	14
10250	.89	.36	1.01	464	.36	.65	.17	73	19
10280	.95	.28	.72	466	.20	.52	.14	54	14
10310	1.11	.51	.73	460	.37	.36	.27	32	24
10340	1.20	.41	.56	467	.23	.33	.25	27	20
10370	.82	.36	.50	462	.18	.32	.16	39	19
10400	1.14	.34	.98	466	.33	.65	.20	57	17
10430	.93	.40	.73	463	.29	.44	.30	47	32
10460	.97	.64	.53	478	.34	.19	.25	19	25
10490	.79	.34	.62	451	.21	.41	.16	51	20
10520	.87	.38	.53	463	.20	.33	.17	37	19
10550	.90	.38	.37	469	.14	.23	.18	25	20
10580	.94	.30	.69	437	.21	.48	.21	51	22
10610	.79	.34	.68	468	.23	.45	.23	56	29
10640	.91	.31	.91	468	.28	.63	.18	69	19
10670	.78	.33	.66	469	.22	.44	.22	56	28
10700	.77	.37	.62	462	.23	.39	.21	50	27
10730	.77	.29	.77	471	.22	.55	.16	71	20
10760	.80	.40	.43	465	.17	.26	.25	32	31

Amoco	Chevron	A-1	Wawa	10-13-43-15W5		015330 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
10790	.32	.43	.23	458	.10	.13	.09	40	28
10820	.51	.40	.63	467	.25	.38	.39	74	76
10850	.51	.38	.53	476	.20	.33	.17	64	33
10880	.82	.27	1.15	475	.31	.84	.94	102	114
10910	.72	.32	.87	472	.28	.59	.22	81	30
10940	.84	.43	1.27	473	.55	.72	.28	85	33
10970	.89	.23	1.30	486	.30	1.00	.60	112	67
11000	.75	.37	.60	479	.22	.38	.16	50	21
11030	.59	.32	.66	472	.21	.45	.14	76	23
11060	.68	.32	.76	475	.24	.52	.23	76	33
11090	1.11	.26	1.16	488	.30	.86	.15	77	13
11120	1.13	.26	1.55	485	.41	1.14	.12	100	10
11150	.60	.33	.70	477	.23	.47	.12	78	20
11180	1.48	.25	2.30	481	.57	1.73	1.00	116	67
11270	.95	.23	1.32	495	.30	1.02	.39	107	41
11300	.73	.29	.87	496	.25	.62	.27	84	36
11340	.72	.22	.95	492	.21	.74	.18	102	25
11370	1.02	.25	1.39	493	.35	1.04	.22	101	21
11400	1.36	.19	2.09	486	.40	1.69	.31	124	22
11430	.99	.37	1.93	480	.71	1.22	.25	123	25
11460	.36	.25	.53	499	.13	.40	.06	111	16
11490	.71	.34	1.00	382	.34	.66	1.21	92	170
11520	.80	.27	1.00	491	.27	.73	.19	91	23
11550	.91	.35	1.07	478	.37	.70	1.13	76	124
11580	.79	.37	.94	489	.35	.59	.20	74	25
11610	1.04	.28	1.30	491	.36	.94	.51	90	49
11640	.52	.33	.70	484	.23	.47	.12	90	23
11670	.84	.30	1.17	483	.35	.82	.32	97	38
11700	1.00	.26	1.98	408	.52	1.46	1.15	146	115
11730	1.03	.29	1.55	486	.45	1.10	.75	106	72
11760	1.44	.29	3.29	341	.94	2.35	2.12	163	147
11790	1.31	.19	1.95	488	.37	1.58	1.00	120	76
11850	.69	.29	1.06	338	.31	.75	1.71	108	247
11880	.60	.30	.43	493	.13	.30	.42	50	70
11910	.54	.40	.43	489	.17	.26	.10	48	18
11940	.57	.33	.48	497	.16	.32	.26	56	45
11970	.64	.33	.49	501	.16	.33	.50	51	78
12000	1.08	.33	1.01	345	.33	.68	1.15	62	106
12030	1.00	.40	.40	502	.16	.24	.59	24	59
12060	.92	.37	1.00	333	.37	.63	1.09	68	118
12090	.22	.50	.14	463	.07	.07	.14	31	63
12120	.64	.27	.96	338	.26	.70	1.25	109	195
12150	.49	.41	.73	345	.30	.43	.91	87	185
12180	.82	.18	1.19	440	.21	.98	.38	119	46
12210	.12	.56	.18	430	.10	.08	.13	66	108
12240	.12	.60	.05	0	.03	.02	.15	16	125
12270	.46	.32	.25	362	.08	.17	.50	36	108
12300	.41	.27	.26	454	.07	.19	.43	46	104
12330	.30	.50	.04	332	.02	.02	.22	6	73
12390	.37	.50	.22	422	.11	.11	.94	29	254
12420	.23	.42	.19	461	.08	.11	.20	47	86
12450	.37	.40	.53	439	.21	.32	.21	86	56
12480	.12	.66	.29	378	.19	.10	.18	83	150
12510	.03	1.00	.03	0	.03	.00	.16	0	533
12540	.12	.55	.11	334	.06	.05	.21	41	175

Amoco	Chevron	A-1	Wawa	10-13-43-15W5			015330	ft		
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI	
12570	.24	.50	.20	409	.10	.10	.15	41	62	
12600	.28	.21	.28	442	.06	.22	.11	78	39	
12630	.39	.33	.30	461	.10	.20	.16	51	41	
12660	.31	.48	.21	430	.10	.11	.10	35	32	
12690	.13	1.00	.01	0	.01	.00	.06	0	46	
12720	.25	.50	.22	439	.11	.11	.14	44	55	
12770	.30	.45	.29	450	.13	.16	.19	53	63	
12830	.23	.50	.16	360	.08	.08	.38	34	165	
12860	.24	.58	.26	457	.15	.11	.15	45	62	
12890	.40	.29	.58	414	.17	.41	.32	102	80	
12920	.17	.71	.17	360	.12	.05	.12	29	70	
12960	.16	.71	.14	0	.10	.04	.11	25	68	
12990	.32	.54	.39	450	.21	.18	.25	56	78	
13020	.19	.60	.20	404	.12	.08	.13	42	68	
13050	.53	.54	.83	368	.45	.38	.38	71	71	
13080	.64	.64	.58	411	.37	.21	.16	32	25	
13110	1.19	.41	1.79	403	.74	1.05	.33	88	27	
13140	.21	.28	.25	477	.07	.18	.29	85	138	
13170	.09	.80	.05	332	.04	.01	.06	11	66	
13200	.14	.53	.30	407	.16	.14	.20	100	142	
13230	.19	.86	1.88	368	1.62	.26	.29	136	152	
13260	.37	.44	.70	372	.31	.39	.20	105	54	
13280	1.45	.63	15.90	331	9.99	5.91	.24	407	16	
13290	.18	.41	.22	424	.09	.13	.21	72	116	
13320	.16	.28	.32	436	.09	.23	.16	143	100	
13350	.21	.15	.33	404	.05	.28	.64	133	304	
13380	.13	.44	.18	441	.08	.10	.17	76	130	
13410	.01	.00	.03	389	.00	.03	.01	300	100	
13440	.05	.60	.10	0	.06	.04	.15	80	300	
13470	.02	.48	.23	402	.11	.12	.20	600	1000	
13500	.12	.33	.21	422	.07	.14	.10	116	83	
13530	.14	.44	.34	398	.15	.19	.16	135	114	
13560	.02	.77	.30	362	.23	.07	.26	349	1300	
13590	.06	.73	.80	394	.58	.22	.31	366	516	
13620	.01	.44	.09	341	.04	.05	.12	500	1200	
13650	.01	.38	.08	0	.03	.05	.09	500	900	
13680	.01	.67	.03	0	.02	.01	.06	100	600	
13710	.02	.65	.26	323	.17	.09	.15	450	750	
13740	.01	.50	.02	0	.01	.01	.07	100	699	
13770	.06	.25	.12	391	.03	.09	.49	150	816	
13800	.02	.33	.06	342	.02	.04	.10	200	500	
13830	.09	.48	.21	422	.10	.11	.20	122	222	
13860	.44	.38	.98	434	.37	.61	.43	138	97	
13890	.17	.69	1.50	366	1.03	.47	.46	276	270	
13920	.03	.50	.06	392	.03	.03	.16	100	533	
13950	.01	.75	.04	0	.03	.01	.06	100	600	
13980	.12	.50	.14	335	.07	.07	.10	58	83	
14010	.16	.57	.21	346	.12	.09	.27	56	168	
14040	.27	.42	.26	451	.11	.15	.37	55	137	
14070	.19	.74	.19	356	.14	.05	.22	26	115	
14100	.32	.40	.52	361	.21	.31	.79	96	246	
14120	.24	.92	.13	374	.12	.01	.18	4	75	
14160	1.09	.46	.68	345	.31	.37	2.50	33	229	
14180	.53	.67	.15	408	.10	.05	1.76	9	332	
14220	.14	.00	.53	438	.00	.53	.20	378	142	

Amoco Chevron A-1 Wawa 10-13-43-15W5						015330 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
14220	4.37	.05	19.87	426	1.04	18.83	3.08	430	70
14240	.15	1.00	.02	0	.02	.00	.43	0	286
14280	1.89	.06	.51	435	.03	.48	1.08	25	57
14280	12.09	.13	10.59	432	1.34	9.25	31.94	76	264
14310	.30	1.00	.06	0	.06	.00	1.46	0	486
14340	.50	1.00	.02	0	.02	.00	.40	0	80
14370	.35	1.00	.05	0	.05	.00	1.56	0	445
14400	.16	1.00	.02	0	.02	.00	1.72	0	1075
14430	.20	1.00	.01	0	.01	.00	1.91	0	955
14460	.31	1.00	.02	0	.02	.00	.40	0	129
14490	.12	.00	.01	0	.00	.01	.15	8	125
14550	.08	.00	.01	0	.00	.01	.79	12	987
14580	.08	.00	.01	421	.00	.01	.40	12	500
14610	.10	.00	.01	0	.00	.01	.22	10	220
14640	.01	.00	.01	0	.00	.01	.55	1005	499
14660	.01	.00	.01	0	.00	.01	.24	1002	400
14700	.01	.00	.01	0	.00	.01	.27	1002	700
14730	.02	.00	.01	0	.00	.01	.34	501	700
14760	.01	.00	.01	0	.00	.01	.24	1002	400
14790	.03	1.00	.02	0	.02	.00	.26	0	866
14820	.01	.00	.01	0	.00	.01	.20	1002	000
14850	.05	.00	.01	0	.00	.01	.28	20	560
14880	.12	.00	.01	0	.00	.01	.44	8	366
14910	.07	.00	.01	0	.00	.01	.32	14	457
14940	.34	1.00	.04	0	.04	.00	.72	0	211
14970	.16	1.00	.02	0	.02	.00	.24	0	150
15000	2.93	1.00	.10	0	.10	.00	.57	0	19
15030	1.74	1.00	.01	0	.01	.00	.53	0	30
15060	.61	1.00	.08	0	.08	.00	.21	0	34
15090	.90	.55	.11	420	.06	.05	.42	5	46
15120	1.33	.83	.12	339	.10	.02	1.18	1	88
15150	.20	.40	.05	358	.02	.03	1.29	15	645
15180	.48	.10	.60	351	.06	.54	2.94	112	612
15220	.15	.00	.01	0	.00	.01	.43	6	286
15240	.17	.33	.03	356	.01	.02	1.35	11	794
15270	.06	1.00	.01	0	.01	.00	.62	0	1033
15300	.06	1.00	.01	0	.01	.00	.36	0	600
15330	.53	.23	.26	346	.06	.20	3.65	37	688
Edmonton Grp			4127F						
Bearpaw			6560						
Belly River Grp			7011						
Wapiabe Fm			7933						
Colorado Grp			8410						
Cardium Fm			9305						
Cardium Ss			9458						
Lower Cardium			9524						
Blackstone Fm			9547						
Second White Speck			9832						
Fish Scales Base			10562						
Viking Ss			10661						
Mannville Grp			10858						
Glauconitic Ss			11365						
Fernie Grp			11695						
Rock Creek Mbr			11790						
Nordegg Mbr			11902						

Amoco Chevron A-1 Wawa 10-13-43-15W5						015330 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
Turner Valley Mbr			12059						
Shunda Fm			12240						
Pekisko Fm			12400						
Banff Fm			12568						
Exshaw Fm			13103						
Wabamun Grp			13113						
Winterburn Grp			13859						
Calmar Fm			14014						
Nisku Fm			14022						
Ireton Fm			14242						
Duvernay Fm			14987						
Beaverhill Lake Fm			15390						

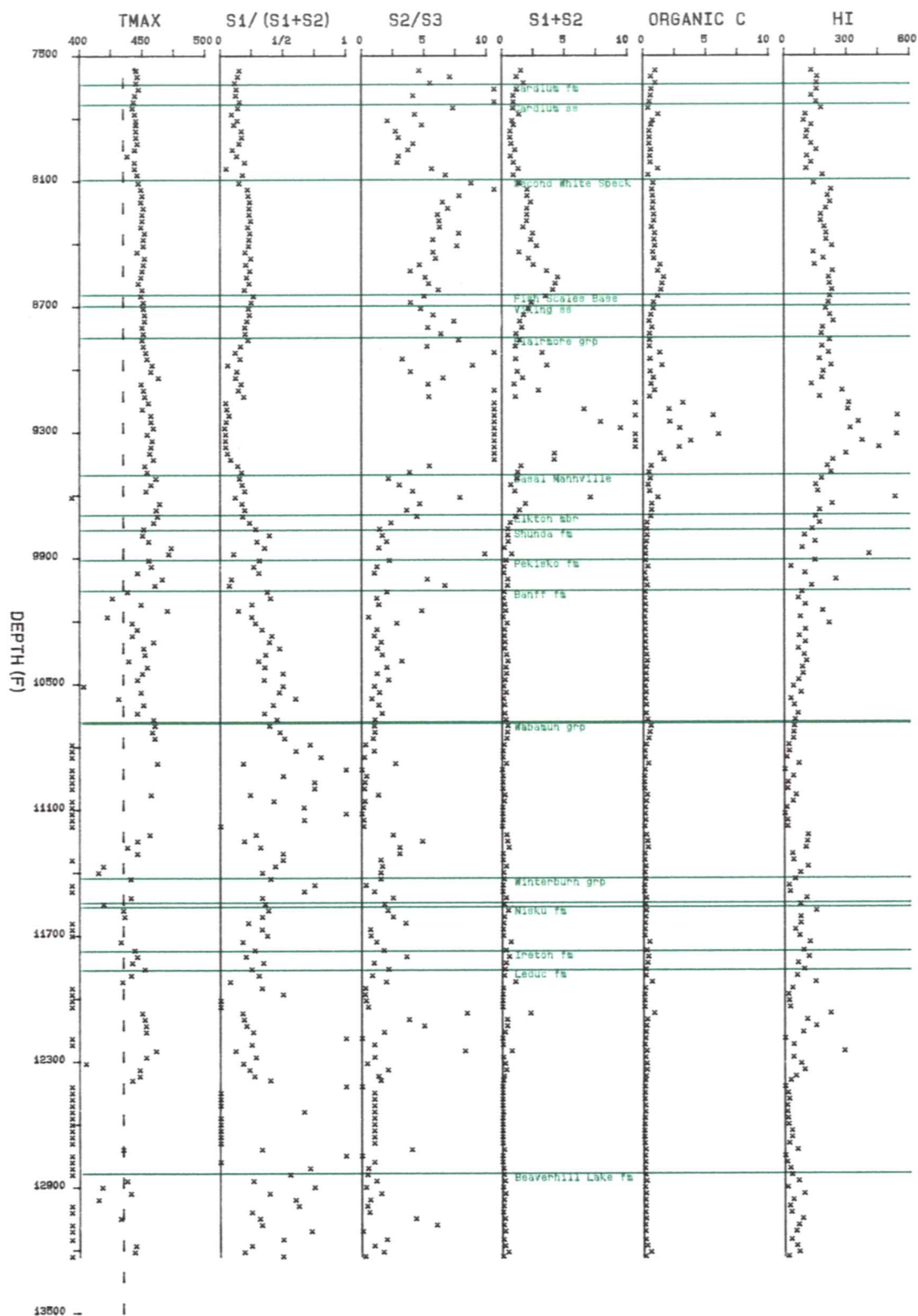
Conoco Weald 6-9-50-19W5						940014580 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
9400F	1.07	.45	2.21	455	1.00	1.21	.30	113	28
9430	.80	.48	1.84	465	.88	.96	.22	120	27
9460	1.02	.63	3.84	372	2.43	1.41	.18	138	17
9490	1.31	.53	2.47	451	1.31	1.16	.22	88	16
9520	1.22	.60	1.46	464	.87	.59	.25	48	20
9550	1.01	.45	1.44	461	.65	.79	.18	78	17
9580	.64	.35	.57	469	.20	.37	.20	57	31
9610	.84	.40	1.38	466	.55	.83	.07	98	8
9640	.66	.44	1.65	451	.72	.93	.12	140	18
9670	.60	.54	.41	470	.22	.19	.12	31	20
9700	.62	.40	1.24	462	.49	.75	.24	120	38
9730	.55	.41	.98	469	.40	.58	.11	105	20
9760	.41	.33	.55	468	.18	.37	.05	90	12
9790	.78	.37	1.14	463	.42	.72	.18	92	23
9820	.39	.36	.47	470	.17	.30	.22	76	56
9850	.94	.23	1.30	474	.30	1.00	.15	106	15
9880	1.69	.20	3.78	482	.77	3.01	.21	178	12
9910	.88	.33	1.83	473	.60	1.23	.37	139	42
9940	.42	.39	.31	474	.12	.19	.56	45	133
9970	1.83	.24	2.21	484	.53	1.68	.31	91	16
10000	.95	.33	1.52	482	.50	1.02	.30	107	31
10030	1.60	.14	1.95	488	.28	1.67	.37	104	23
10060	.68	.26	.94	486	.24	.70	.34	102	50
10090	.86	.25	1.67	474	.42	1.25	.09	145	10
10120	.83	.23	1.06	489	.24	.82	.15	98	18
10150	1.24	.15	2.14	486	.33	1.81	.19	145	15
10180	.83	.42	1.03	485	.43	.60	.60	72	72
10210	.38	.33	.57	472	.19	.38	.22	100	57
10240	.61	.35	1.03	461	.36	.67	.12	109	19
10270	.56	.29	.34	487	.10	.24	.19	42	33
10300	.83	.25	1.25	488	.31	.94	.15	113	18
10330	.74	.30	.86	482	.26	.60	.21	81	28
10360	.37	.33	.46	486	.15	.31	.08	83	21
10390	.67	.30	.74	486	.22	.52	.06	77	8
10420	.76	.44	1.03	469	.45	.58	.14	76	18
10450	.99	.33	1.97	468	.65	1.32	.13	133	13
10480	.59	.43	.79	481	.34	.45	.13	76	22
10510	.69	.37	.86	472	.32	.54	.27	78	39
10540	.66	.37	.82	480	.30	.52	.31	78	46
10570	.73	.36	.72	494	.26	.46	.20	63	27
10600	.77	.29	.58	498	.17	.41	.24	53	31
10630	1.06	.33	1.35	494	.45	.90	.21	84	19
10660	1.06	.25	1.49	488	.37	1.12	.26	105	24
10690	.59	.50	.68	500	.34	.34	.21	57	35
10720	.93	.42	1.14	495	.48	.66	.16	70	17
10750	.84	.35	.86	485	.30	.56	.22	66	26
10780	.67	.40	1.42	466	.57	.85	.09	126	13
10810	.39	.50	.78	456	.39	.39	.08	100	20
10840	.53	.36	.90	475	.32	.58	.07	109	13
10870	.38	.34	.50	471	.17	.33	.06	86	15
10900	.58	.38	.86	488	.33	.53	.09	91	15
10930	1.02	.18	2.20	480	.39	1.81	.16	177	15
10960	.23	.51	.47	464	.24	.23	.07	100	30
10990	.39	.44	.43	464	.19	.24	.89	61	228
11020	.18	.55	.29	364	.16	.13	.03	72	16

Conoco Weald 6-9-50-19W5					940014580 ft				
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
11050	.36	.55	.40	459	.22	.18	.05	49	13
11080	2.45	.50	1.19	570	.59	.60	.12	24	4
11110	.34	.44	.27	459	.12	.15	.30	44	88
11140	.09	1.00	.02	0	.02	.00	.03	0	33
11170	.27	.18	.56	364	.10	.46	.16	170	59
11200	.01	.00	.01	0	.00	.01	.01	100	100
11230	.07	1.00	.01	0	.01	.00	.04	0	57
11260	.02	1.00	.02	0	.02	.00	.01	0	50
11290	.05	1.00	.01	0	.01	.00	.01	0	20
11320	.35	.75	.04	340	.03	.01	.01	2	2
11350	.19	.00	.01	0	.00	.01	.12	5	63
11380	1.44	.05	1.85	474	.09	1.76	.19	122	13
11410	.26	.50	.02	452	.01	.01	.04	3	15
11440	.25	.57	.07	385	.04	.03	.03	12	12
11470	.18	.67	.03	0	.02	.01	.05	5	27
11500	.29	.00	.01	0	.00	.01	.06	3	20
11530	.11	.50	.02	0	.01	.01	.01	9	9
11560	.21	.00	.01	0	.00	.01	.01	4	4
11590	.21	.57	.07	382	.04	.03	.01	14	4
11620	.10	.67	.03	300	.02	.01	.02	10	20
11650	.07	1.00	.02	0	.02	.00	.01	0	14
11680	.14	.80	.05	301	.04	.01	.01	7	7
11710	.19	.50	.06	394	.03	.03	.01	15	5
11740	.19	.63	.08	355	.05	.03	.05	15	26
11770	.19	.60	.10	446	.06	.04	.15	21	78
11800	.40	.73	.22	328	.16	.06	.06	15	15
11830	.16	1.00	.04	0	.04	.00	.04	0	25
11860	.06	1.00	.02	0	.02	.00	.01	0	16
11890	.08	1.00	.02	0	.02	.00	.01	0	12
11920	.08	1.00	.02	0	.02	.00	.01	0	12
11950	.12	1.00	.05	0	.05	.00	.01	0	8
11980	.20	.67	.09	371	.06	.03	.04	15	20
12020	.17	.83	.06	0	.05	.01	.18	5	105
12050	.19	.83	.06	300	.05	.01	.21	5	110
12080	.24	.50	.08	361	.04	.04	.20	16	83
12110	.36	.61	.18	352	.11	.07	.13	19	36
12140	.86	.59	.44	444	.26	.18	.11	20	12
12170	.13	1.00	.04	0	.04	.00	.05	0	38
12200	.10	1.00	.02	0	.02	.00	.05	0	50
12230	.06	1.00	.02	0	.02	.00	.13	0	216
12260	.04	1.00	.01	0	.01	.00	.07	0	175
12290	.06	1.00	.03	0	.03	.00	.06	0	100
12320	.03	1.00	.02	0	.02	.00	.03	0	100
12350	.04	1.00	.01	0	.01	.00	.08	0	200
12380	.02	.00	.01	0	.00	.01	.01	50	50
12410	.03	1.00	.01	0	.01	.00	.01	0	33
12440	.02	.00	.01	0	.00	.01	.01	50	50
12470	.06	.67	.03	0	.02	.01	.07	16	116
12500	.03	1.00	.01	0	.01	.00	.01	0	33
12530	.04	1.00	.01	0	.01	.00	.02	0	50
12560	.03	1.00	.02	0	.02	.00	.01	0	33
12590	.05	.00	.01	0	.00	.01	.01	20	20
12620	.05	1.00	.02	0	.02	.00	.04	0	80
12650	.03	1.00	.01	0	.01	.00	.08	0	266
12680	.03	1.00	.01	0	.01	.00	.06	0	200

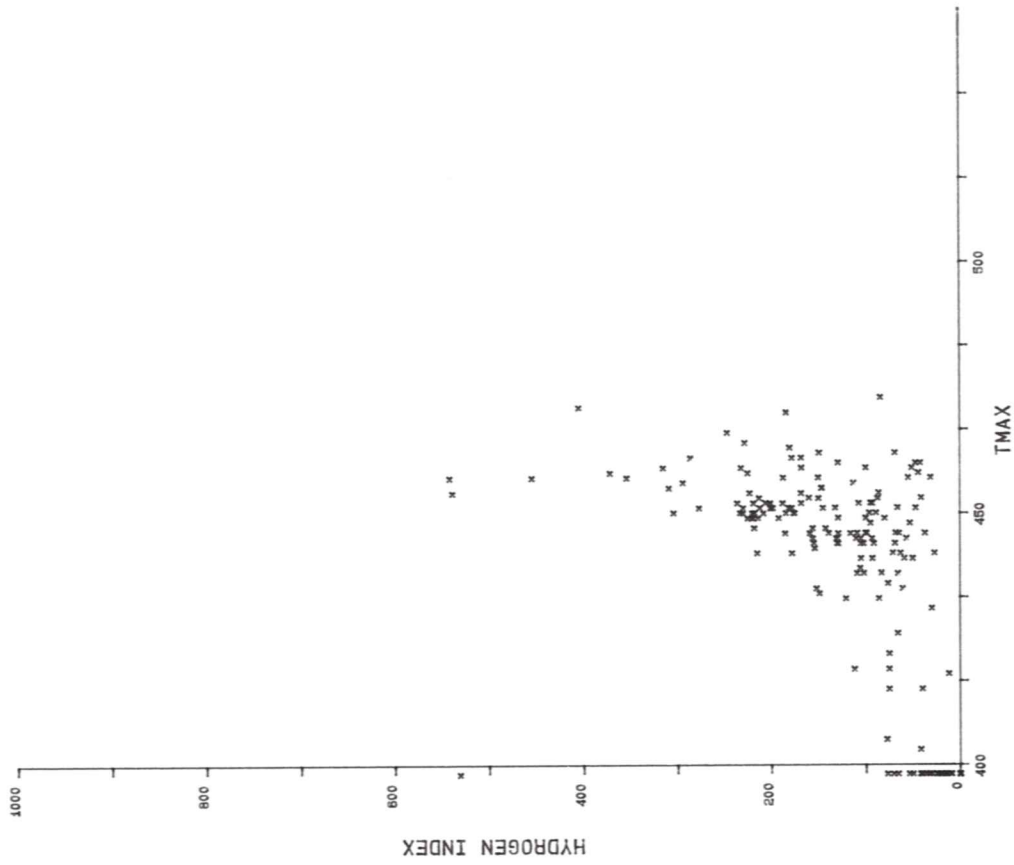
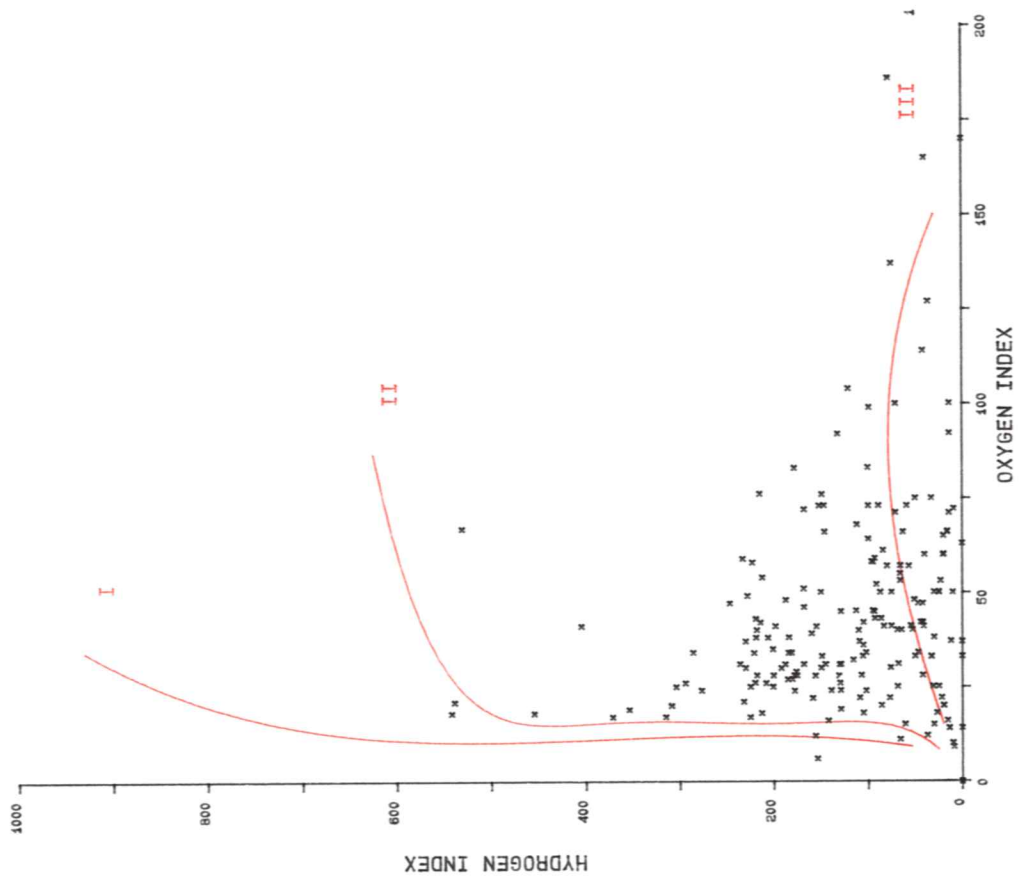
Conoco Weald 6-9-50-19W5						940014580 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
12710	.03	1.00	.02	0	.02	.00	.07	0	233
12740	.03	.00	.01	0	.00	.01	.12	33	400
12770	.03	1.00	.01	0	.01	.00	.08	0	266
12800	.01	1.00	.01	0	.01	.00	.01	0	100
12830	.02	.00	.01	0	.00	.01	.01	50	50
12860	.03	1.00	.02	0	.02	.00	.01	0	33
12890	.03	1.00	.01	0	.01	.00	.01	0	33
12920	.02	1.00	.01	0	.01	.00	.01	0	50
12950	.02	1.00	.01	0	.01	.00	.01	0	50
12980	.08	.00	.01	0	.00	.01	.01	12	12
13010	.05	.00	.01	0	.00	.01	.01	20	20
13040	.07	1.00	.02	0	.02	.00	.03	0	42
13070	.10	1.00	.02	0	.02	.00	.04	0	40
13100	.10	1.00	.03	0	.03	.00	.08	0	80
13130	.06	1.00	.03	0	.03	.00	.08	0	133
13160	.06	1.00	.03	0	.03	.00	.12	0	200
13190	.06	1.00	.02	0	.02	.00	.02	0	33
13220	.06	1.00	.03	0	.03	.00	.01	0	16
13250	.04	.83	.06	0	.05	.01	.09	25	225
13280	.11	1.00	.02	0	.02	.00	.24	0	218
13310	.07	.83	.06	0	.05	.01	.12	14	171
13340	.07	1.00	.05	0	.05	.00	.12	0	171
13370	.14	.00	.01	0	.00	.01	.47	7	335
13400	.13	1.00	.03	0	.03	.00	.23	0	176
13430	.09	.83	.06	0	.05	.01	.21	11	233
13460	.08	.63	.08	321	.05	.03	.03	37	37
13490	.07	.80	.05	300	.04	.01	.09	14	128
13520	.05	1.00	.01	0	.01	.00	.01	0	20
13550	.06	1.00	.04	0	.04	.00	.03	0	50
13580	.08	.89	.09	0	.08	.01	.05	12	62
13610	.07	1.00	.02	0	.02	.00	.08	0	114
13640	.09	1.00	.03	0	.03	.00	.15	0	166
13670	.07	1.00	.01	0	.01	.00	.01	0	14
13700	.07	1.00	.01	0	.01	.00	.01	0	14
13730	.10	1.00	.01	0	.01	.00	.10	0	100
13760	.07	1.00	.01	0	.01	.00	.07	0	100
13790	.08	1.00	.01	0	.01	.00	.14	0	175
13820	.07	1.00	.03	0	.03	.00	.10	0	142
13850	.10	1.00	.05	0	.05	.00	.09	0	90
13880	.10	1.00	.03	0	.03	.00	.12	0	120
13910	.09	1.00	.01	0	.01	.00	.10	0	111
13940	.15	1.00	.03	0	.03	.00	.16	0	106
13970	.18	.86	.07	321	.06	.01	.17	5	94
14000	.17	1.00	.05	0	.05	.00	.10	0	58
14030	.27	.88	.08	445	.07	.01	.19	3	70
14060	2.59	.71	.49	451	.35	.14	.28	5	10
14090	2.54	.67	.60	391	.40	.20	.21	7	8
14110	.45	.69	.32	333	.22	.10	.13	22	28
14140	.31	.79	.14	301	.11	.03	.05	9	16
14170	.20	.82	.11	0	.09	.02	.07	10	35
14200	.23	.82	.11	332	.09	.02	.07	8	30
14230	.23	.88	.08	300	.07	.01	.06	4	26
14260	.13	1.00	.04	0	.04	.00	.01	0	7
14290	.07	1.00	.04	0	.04	.00	.01	0	14
14320	.06	.75	.04	301	.03	.01	.01	16	16

14350	.12	.77	.13	301	.10	.03	.01	25	8
14380	.10	1.00	.03	0	.03	.00	.08	0	80
14410	.11	.83	.06	380	.05	.01	.01	9	9
14440	.13	.78	.09	0	.07	.02	.01	15	7
14470	.14	.75	.04	326	.03	.01	.01	7	7
14500	.11	.71	.17	301	.12	.05	.03	45	27
14530	.18	.67	.06	0	.04	.02	.01	11	5
14560	.09	.50	.02	0	.01	.01	.01	11	11
14580	.08	1.00	.02	0	.02	.00	.01	0	12
Belly River Grp.			5599F						
Lea Park Fm.			6688						
Colorado Grp.			7215						
Bad Heart Fm.			7652						
Cardium Fm.			7939						
Cardium SS			8065						
Blackstone Fm.			8146						
Second White Speck			8670						
Fish Scales Base			9504						
Viking SS			9599						
Mannville Grp.			9660						
Ellerslie Mbr.			10688						
Fernie Grp.			10845						
Nordegg Mbr.			10914						
Triassic System			11063						
Elkton Mbr.			11113						
Shunda Fm.			11222						
Pekisko Fm.			11465						
Banff Fm.			11600						
WAbamun Grp.			12108						
Graminia Fm.			12825						
Blueridge Mbr.			12845						
Calmar Fm.			13045						
Nisku Fm.			13055						
Ireton Fm.			13490						
Beaverhill Lake Fm.			14150						
Swan Hills Mbr.			14212						
Elk Point Grp.			14530						

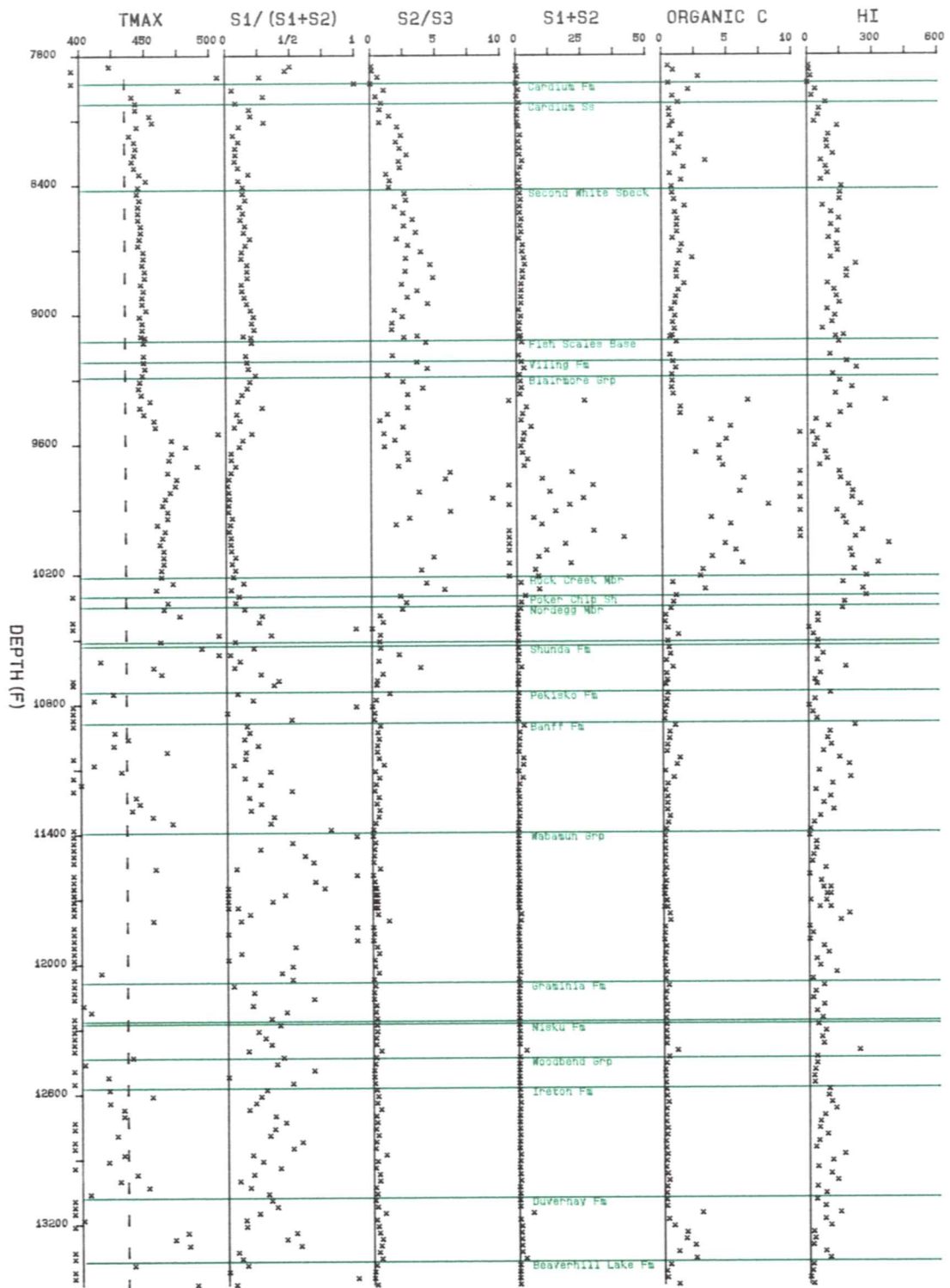
Altana Caroline 5-2-35-6W5



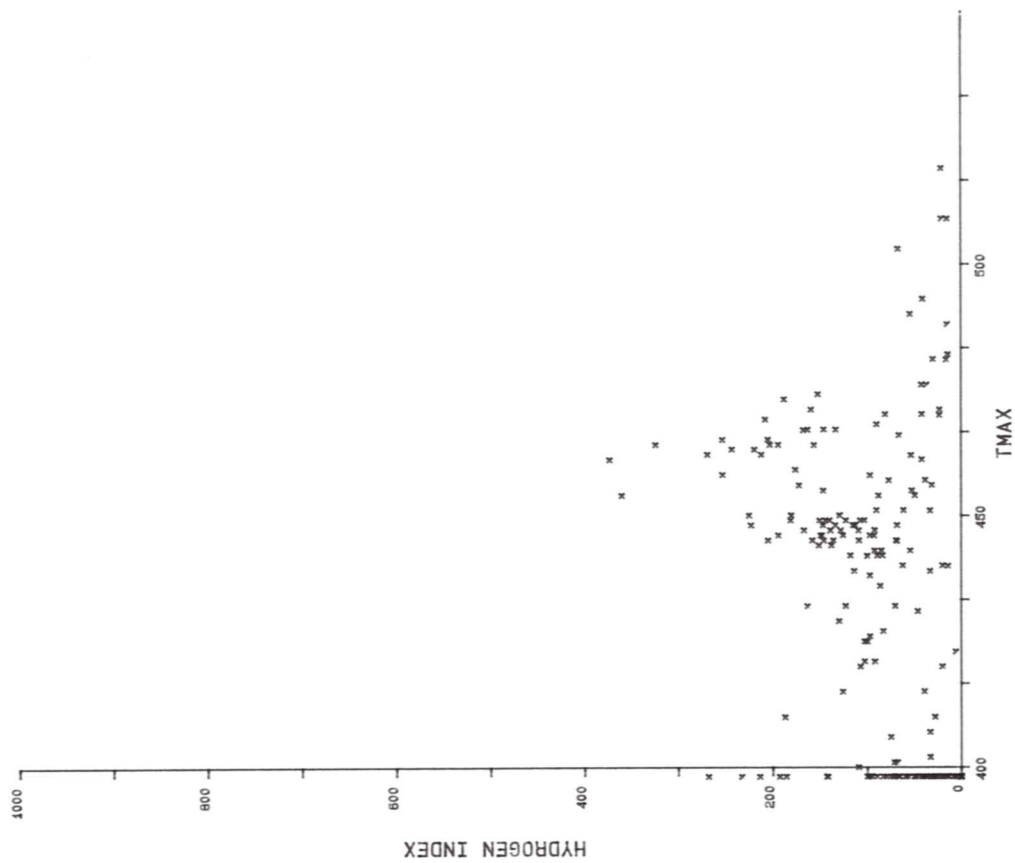
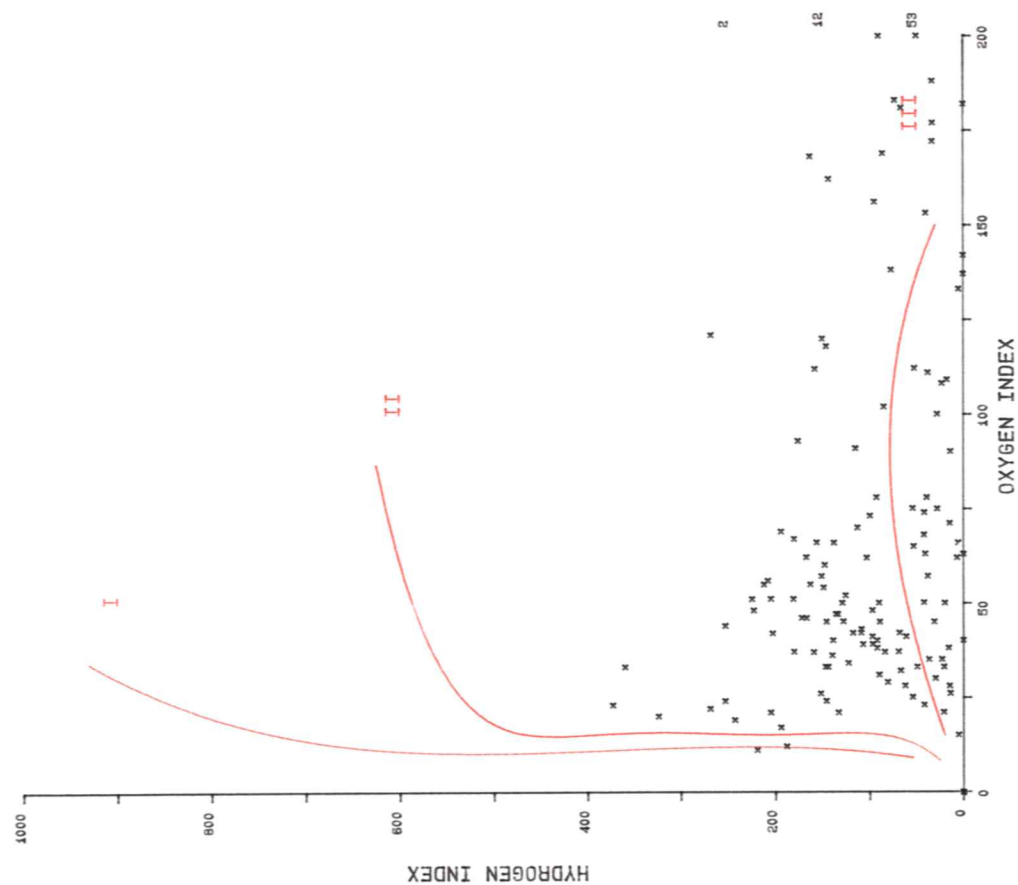
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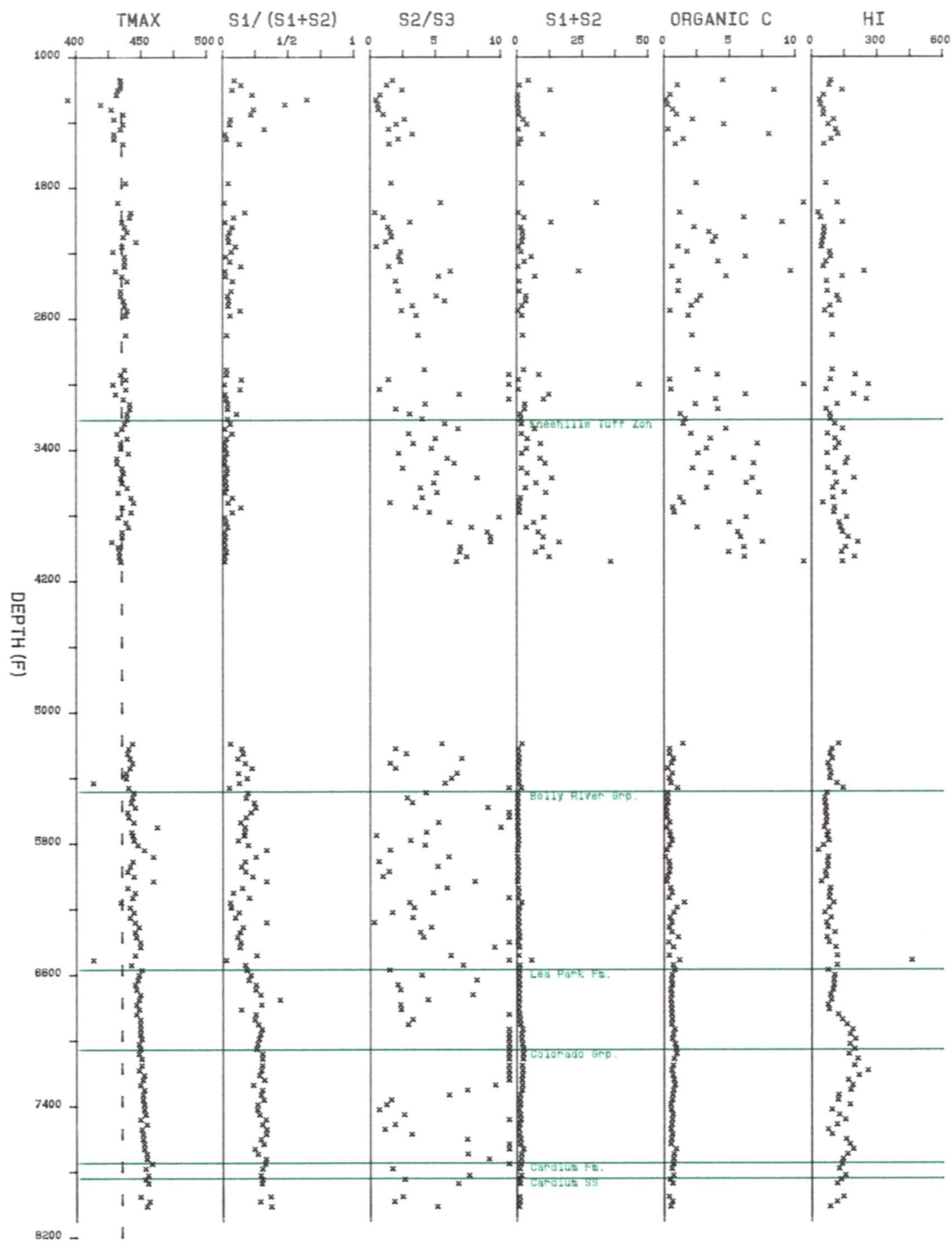
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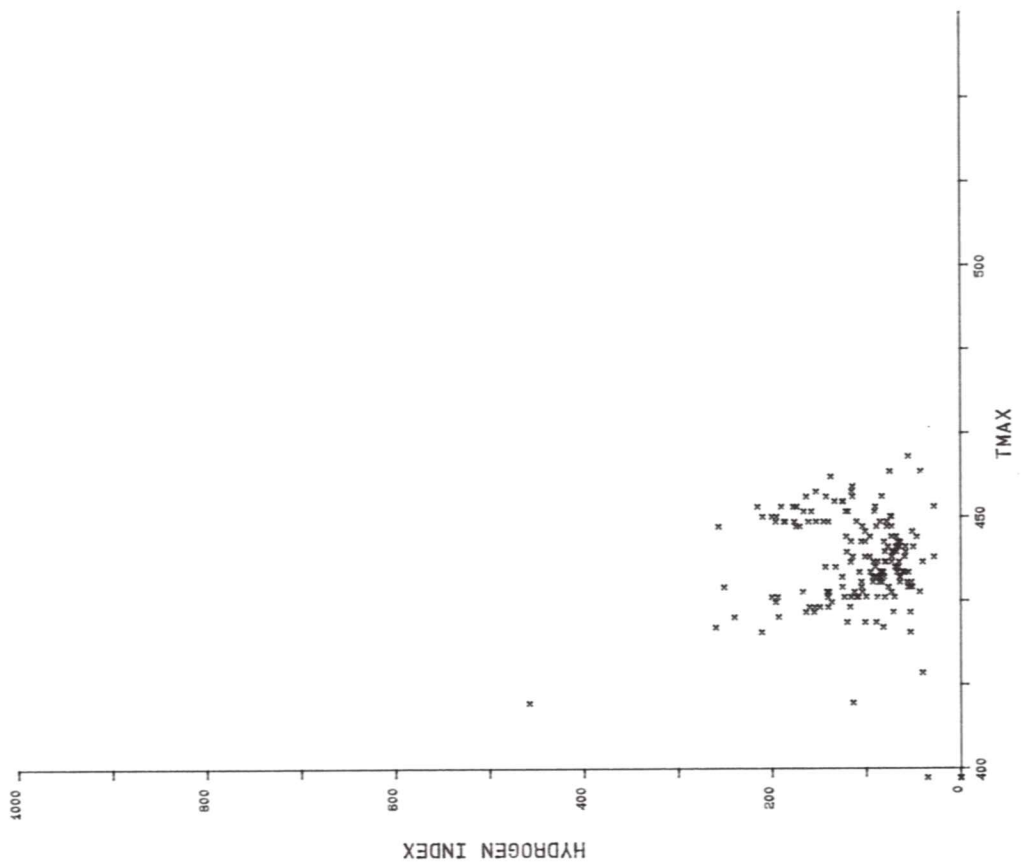
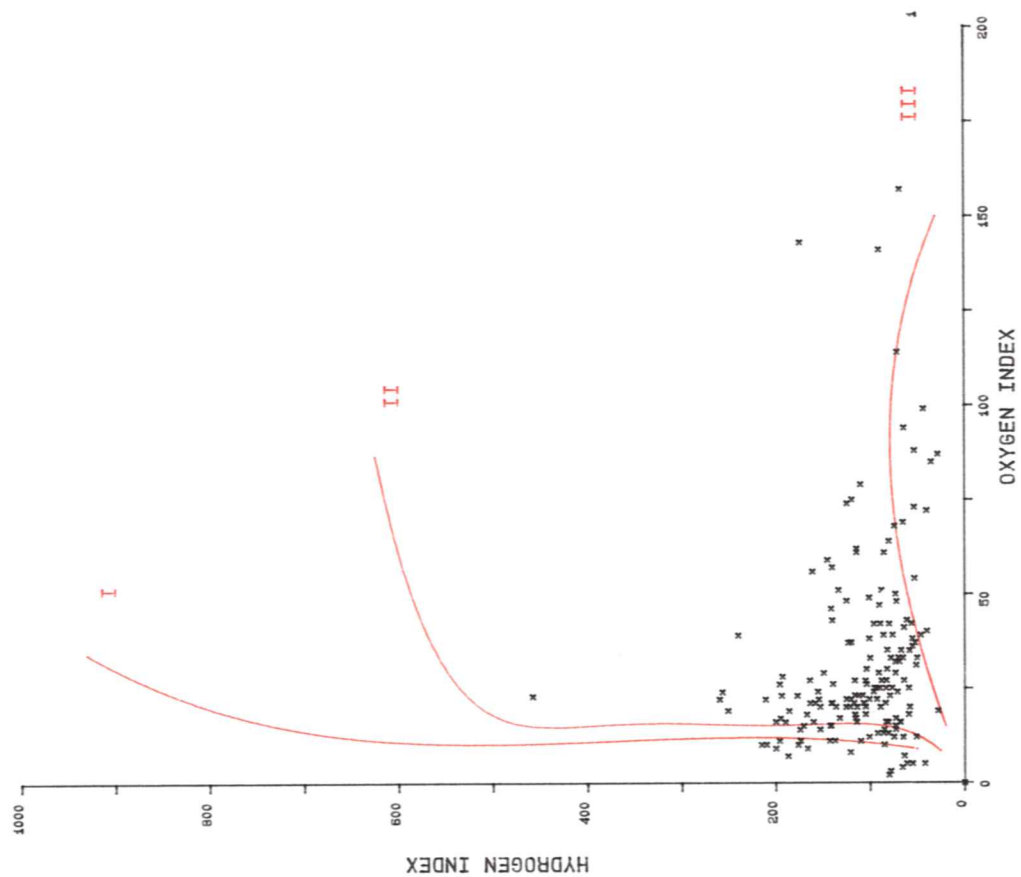
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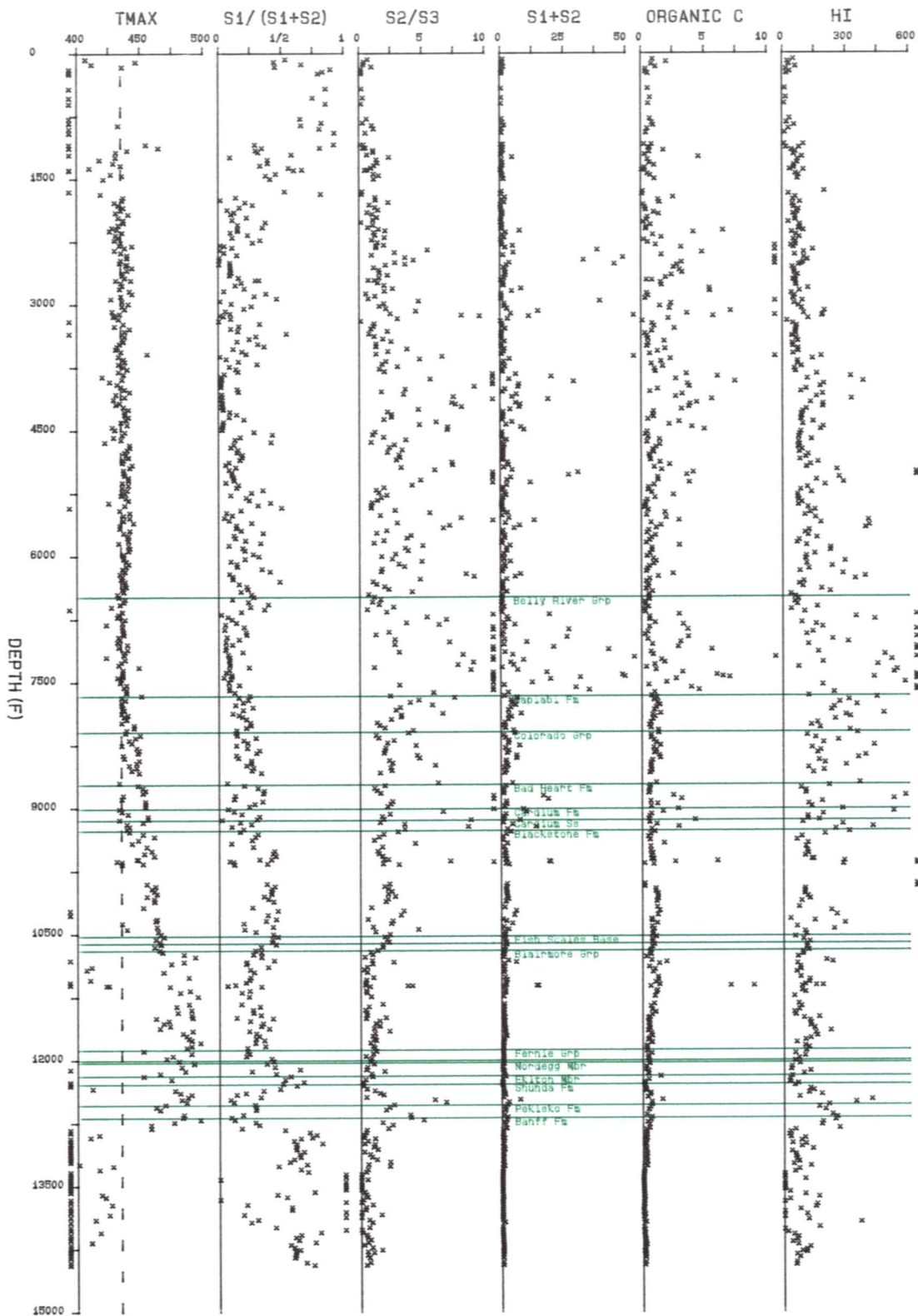
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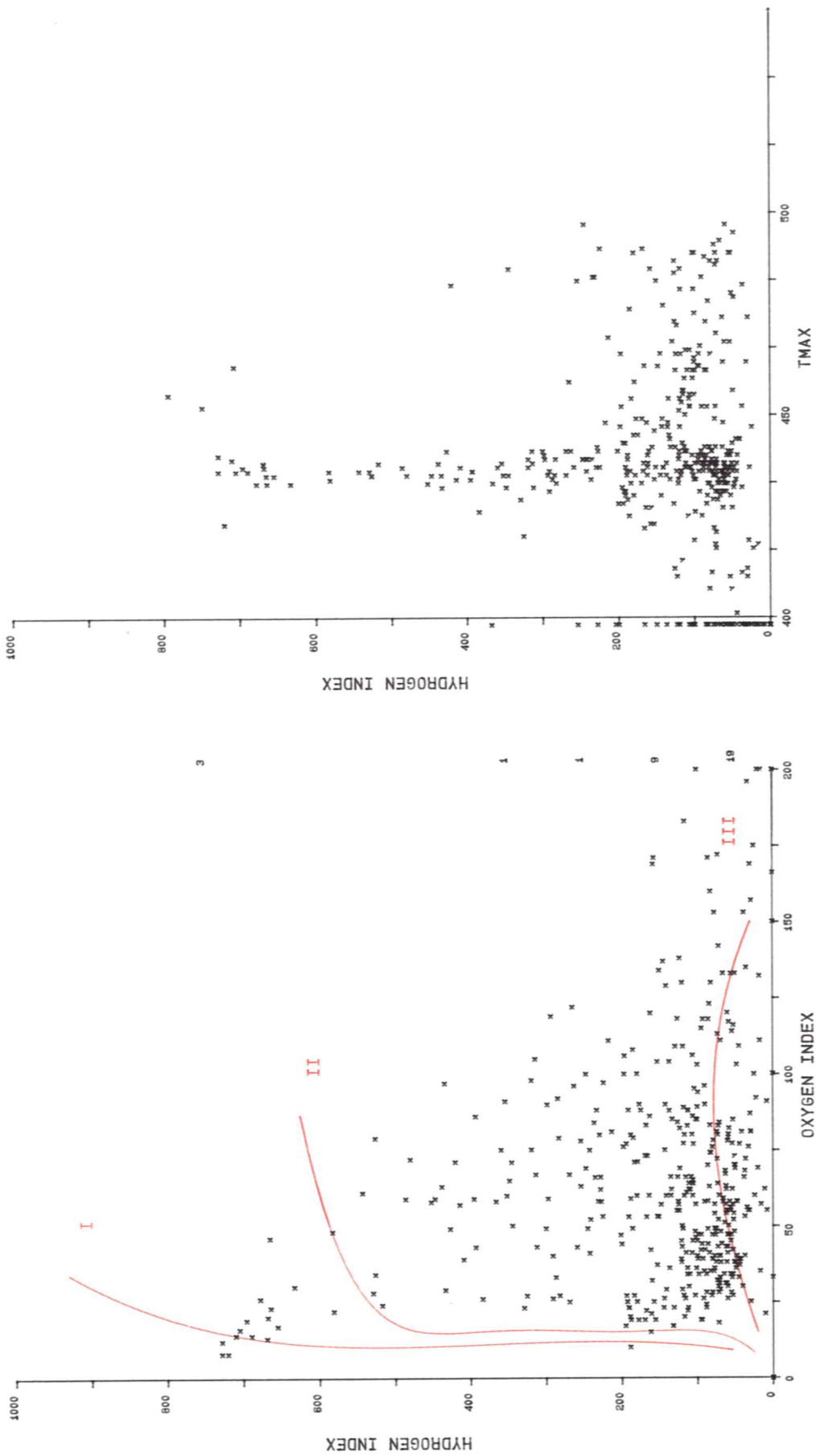
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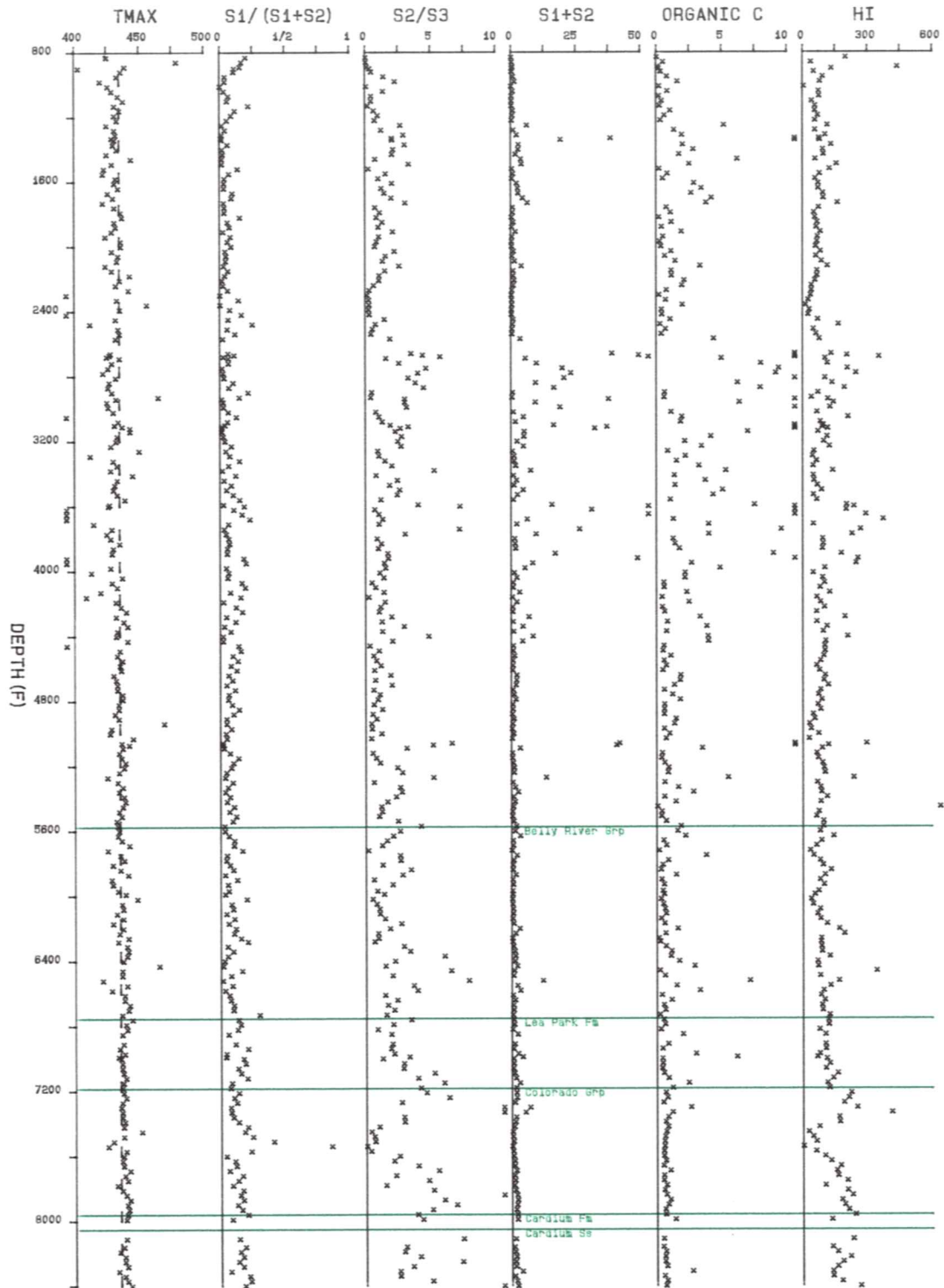
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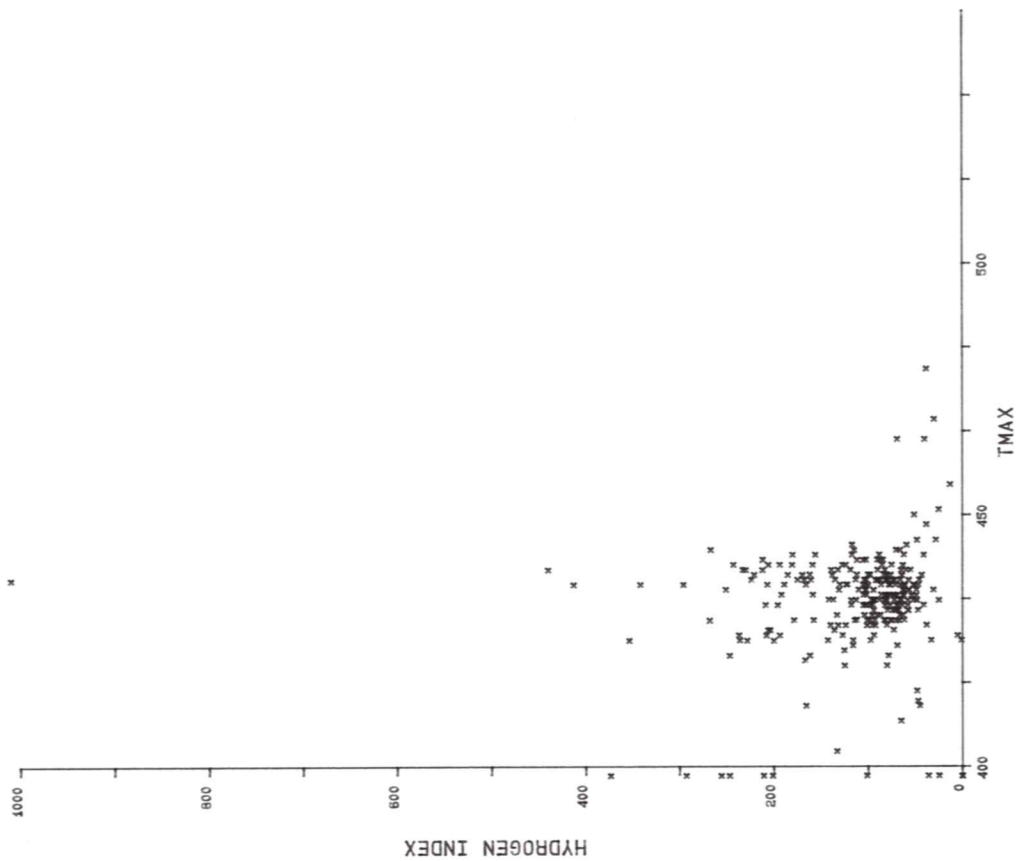
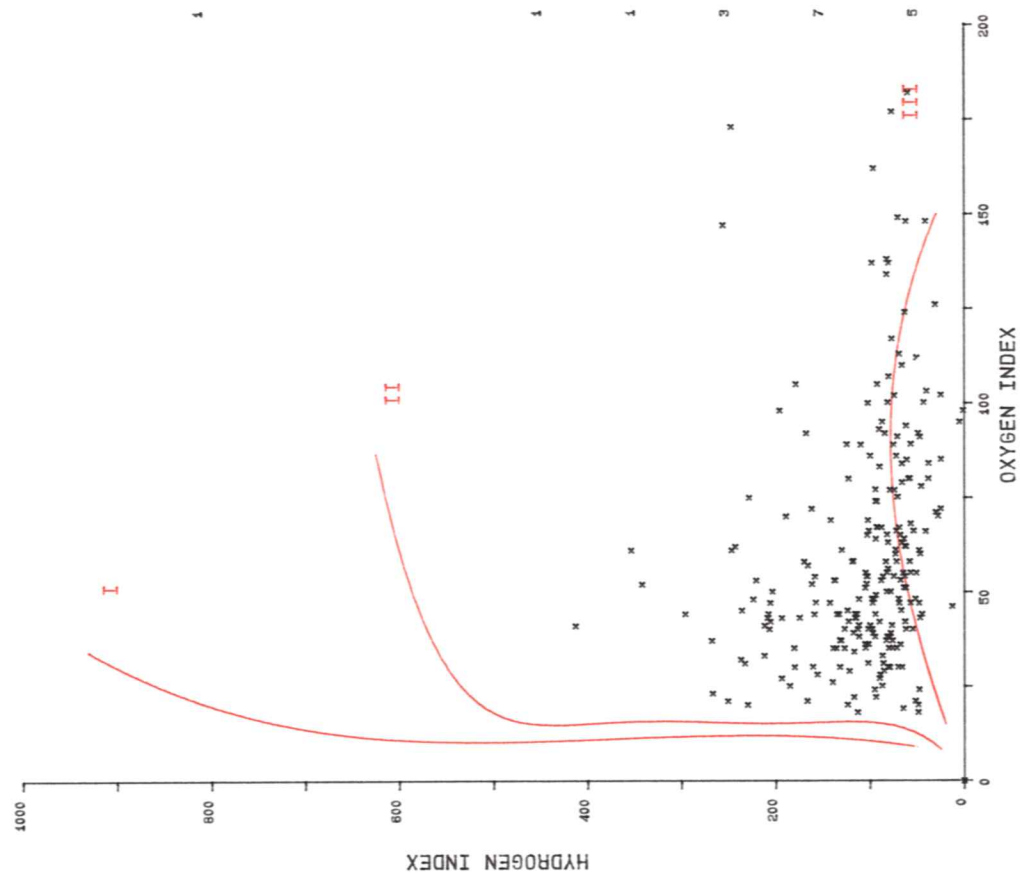
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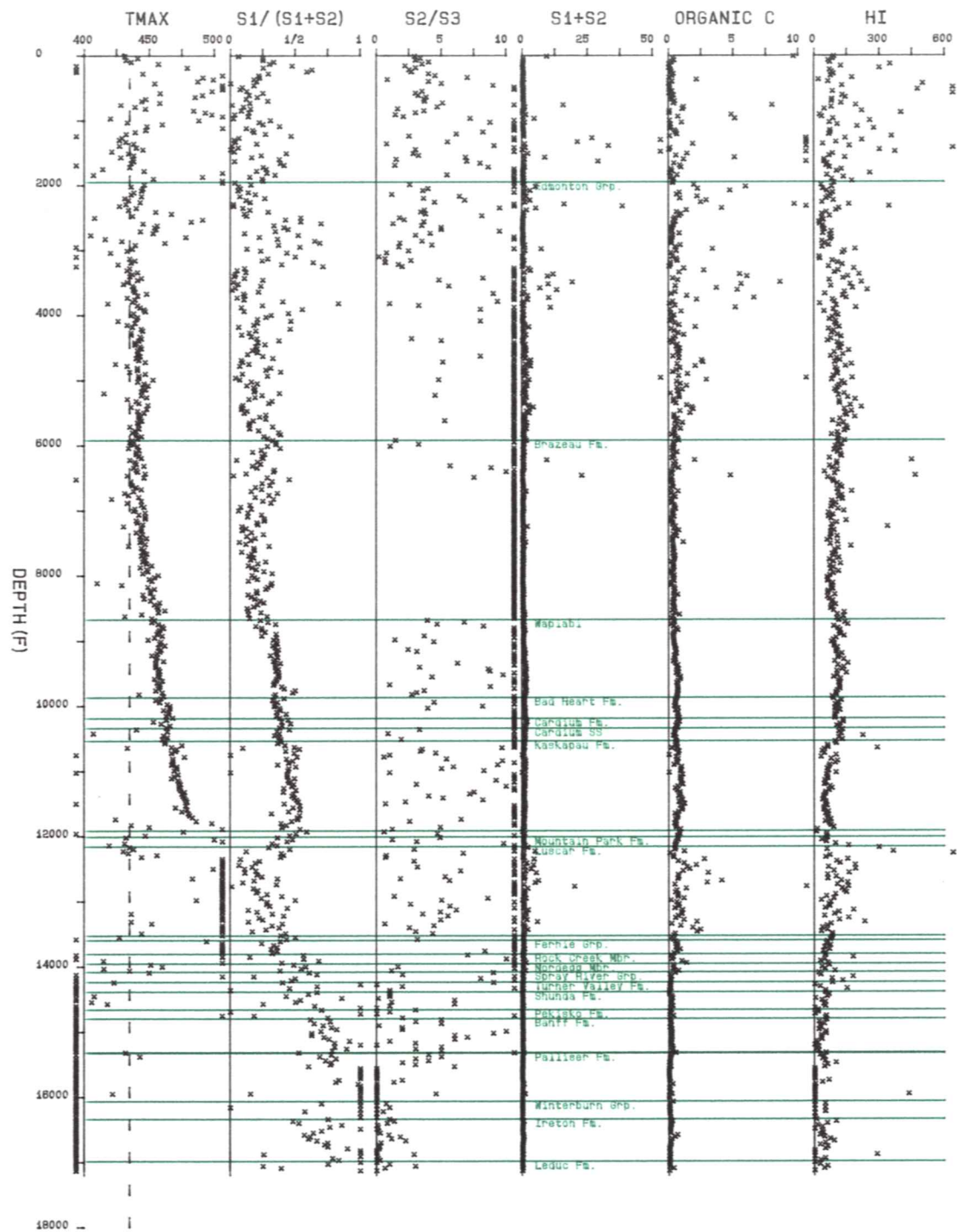
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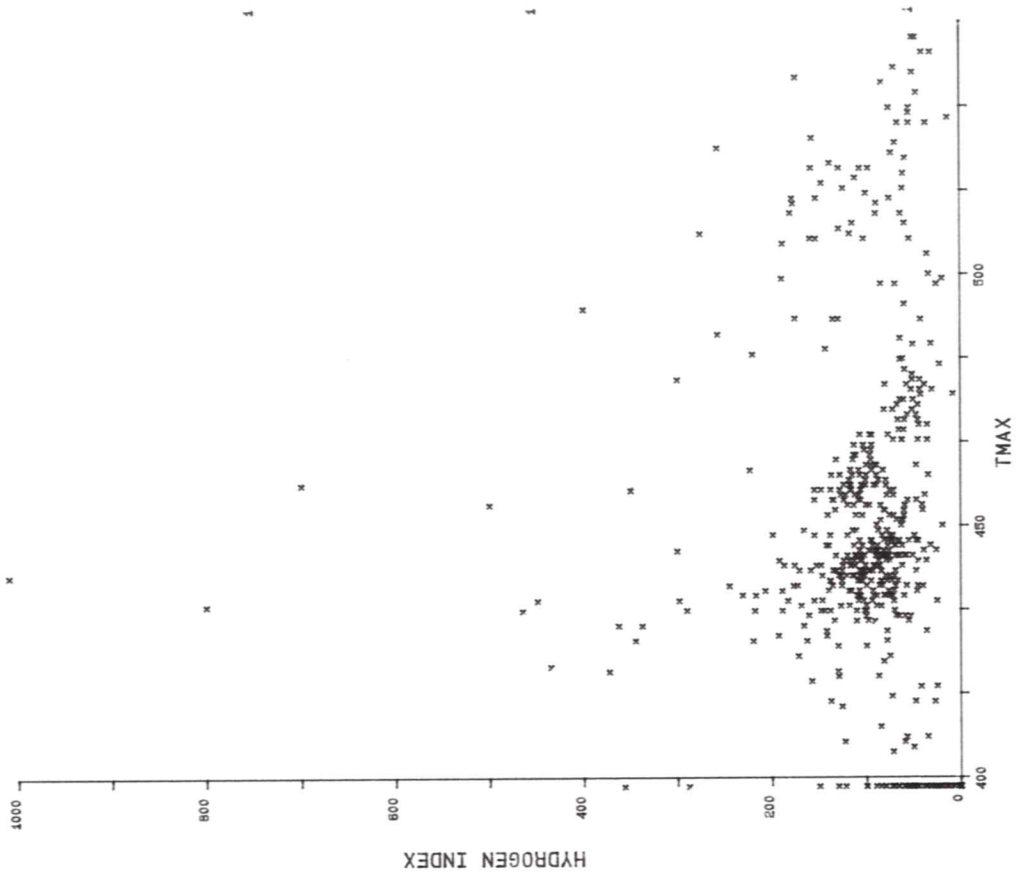
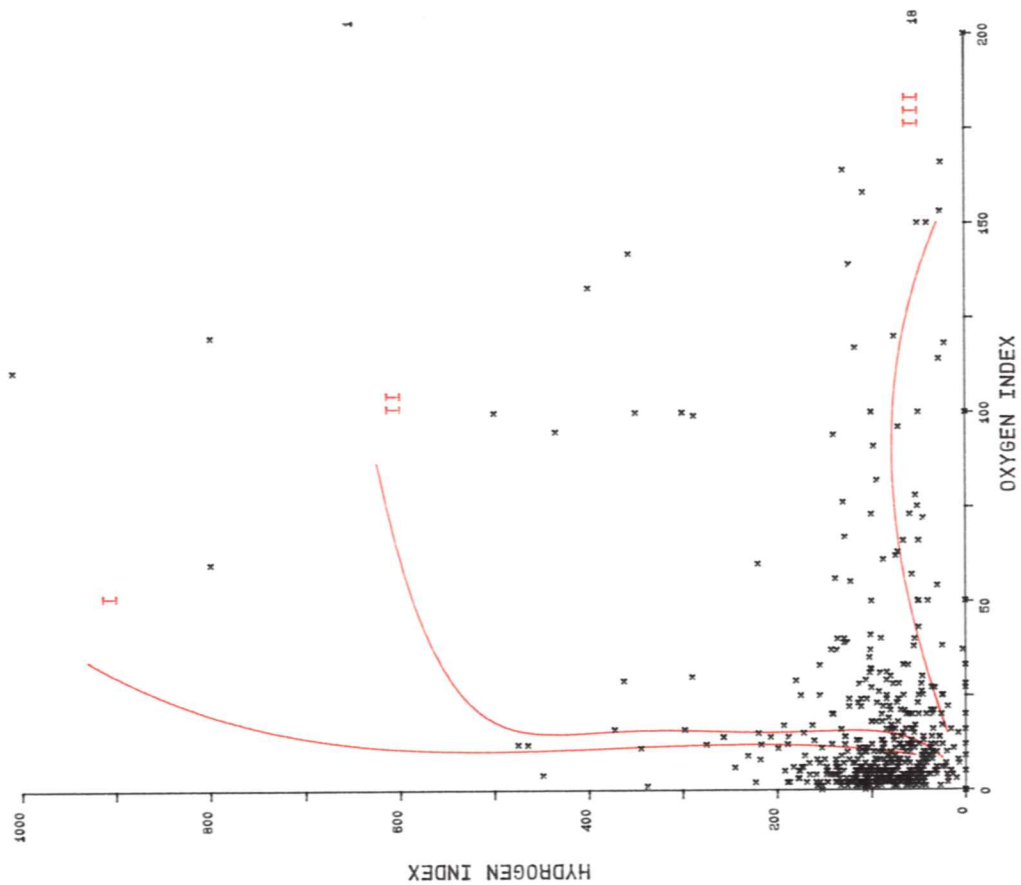
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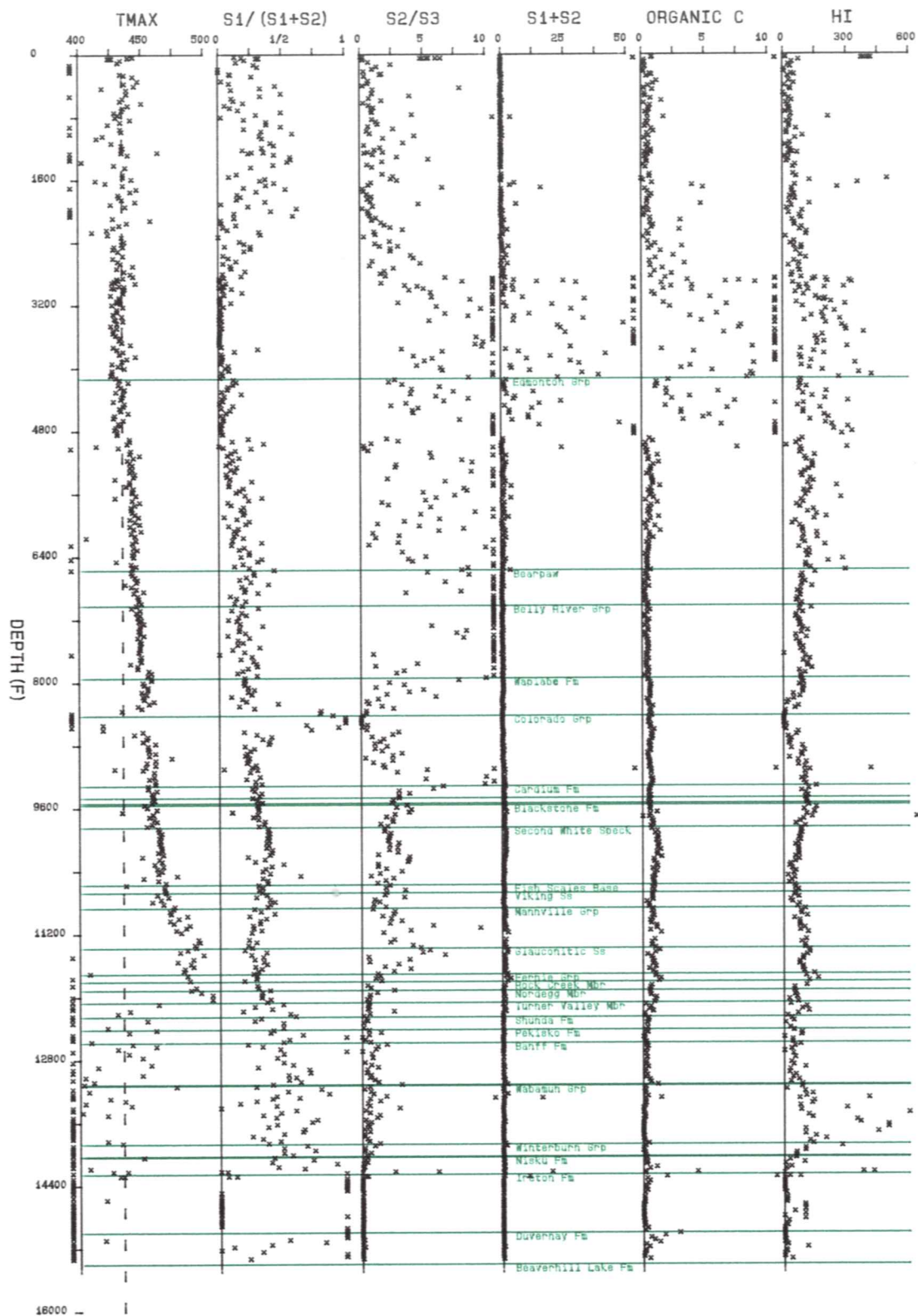
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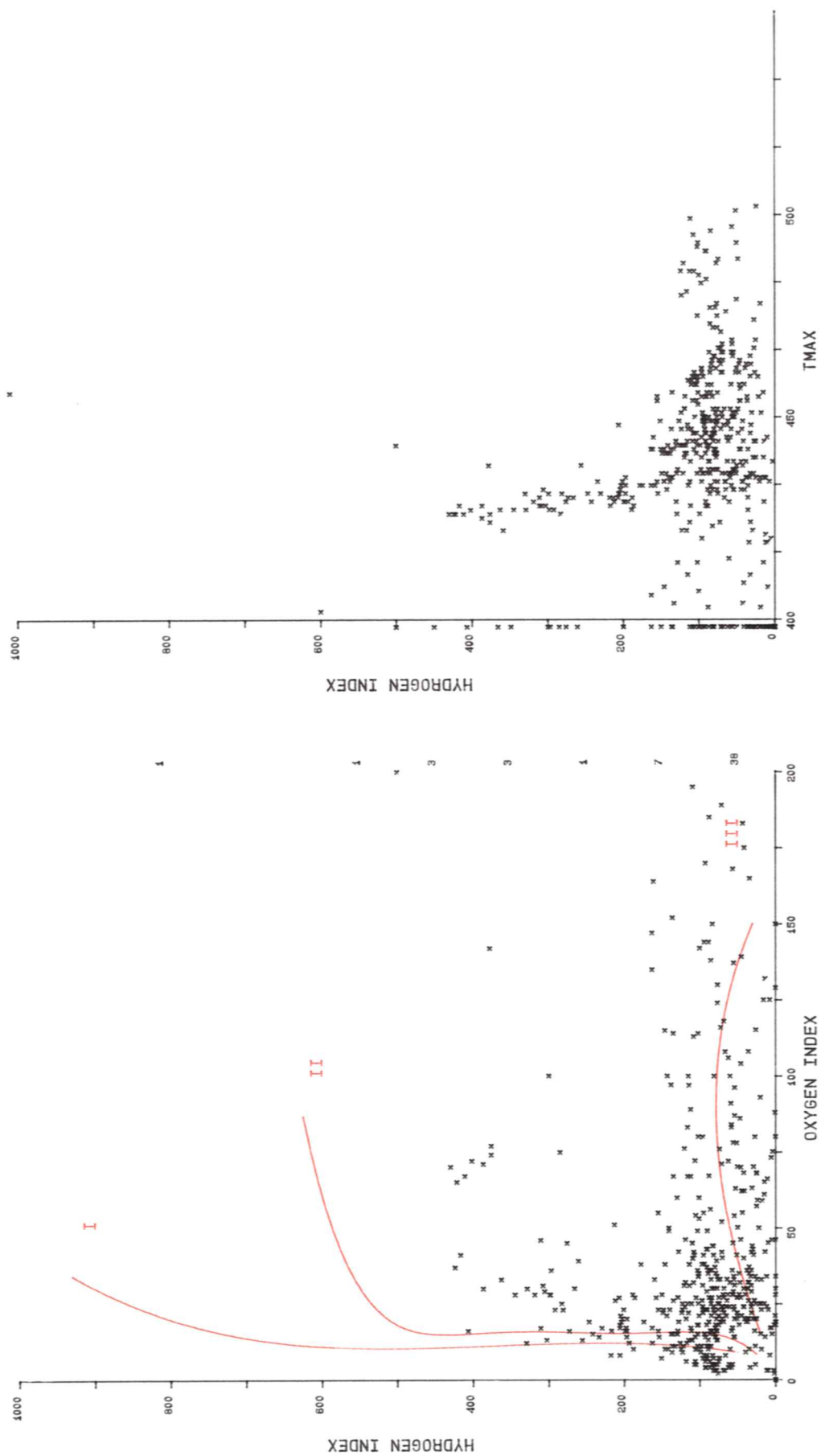
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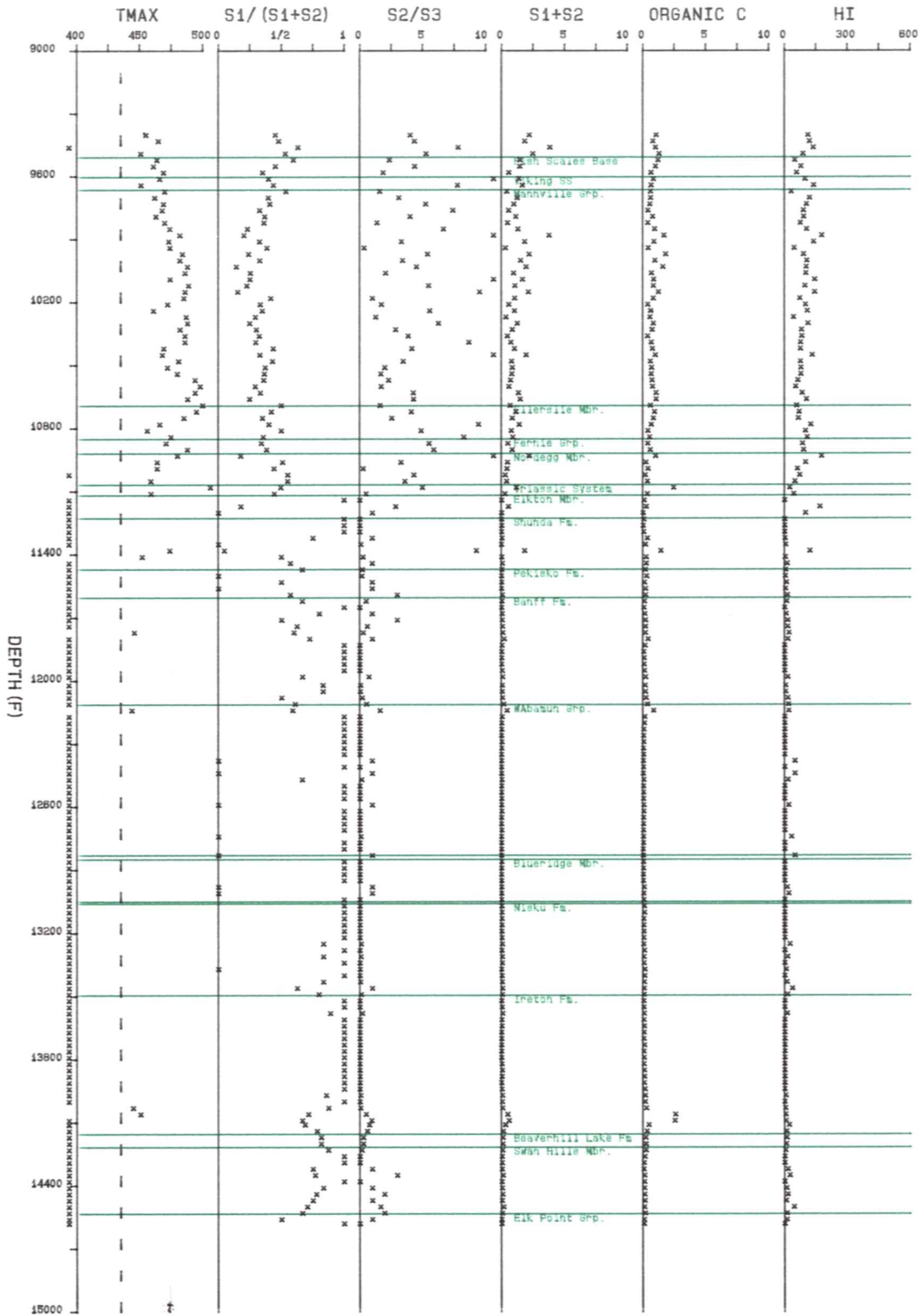
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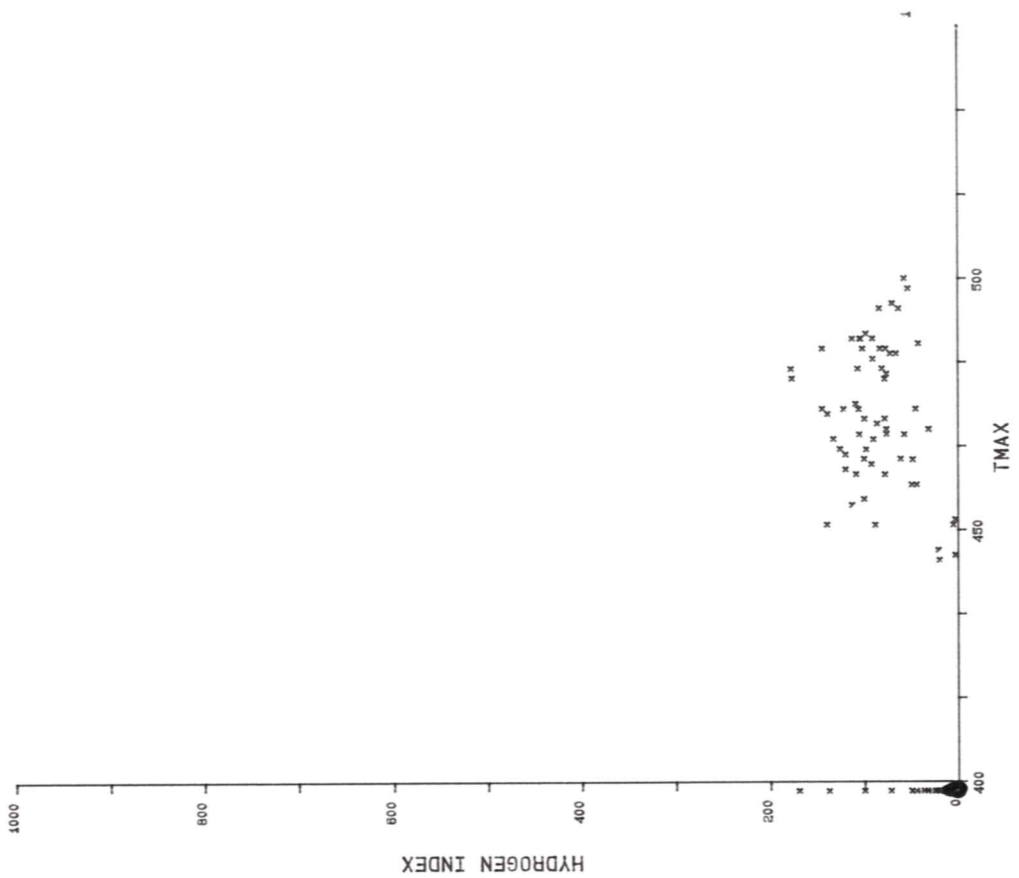
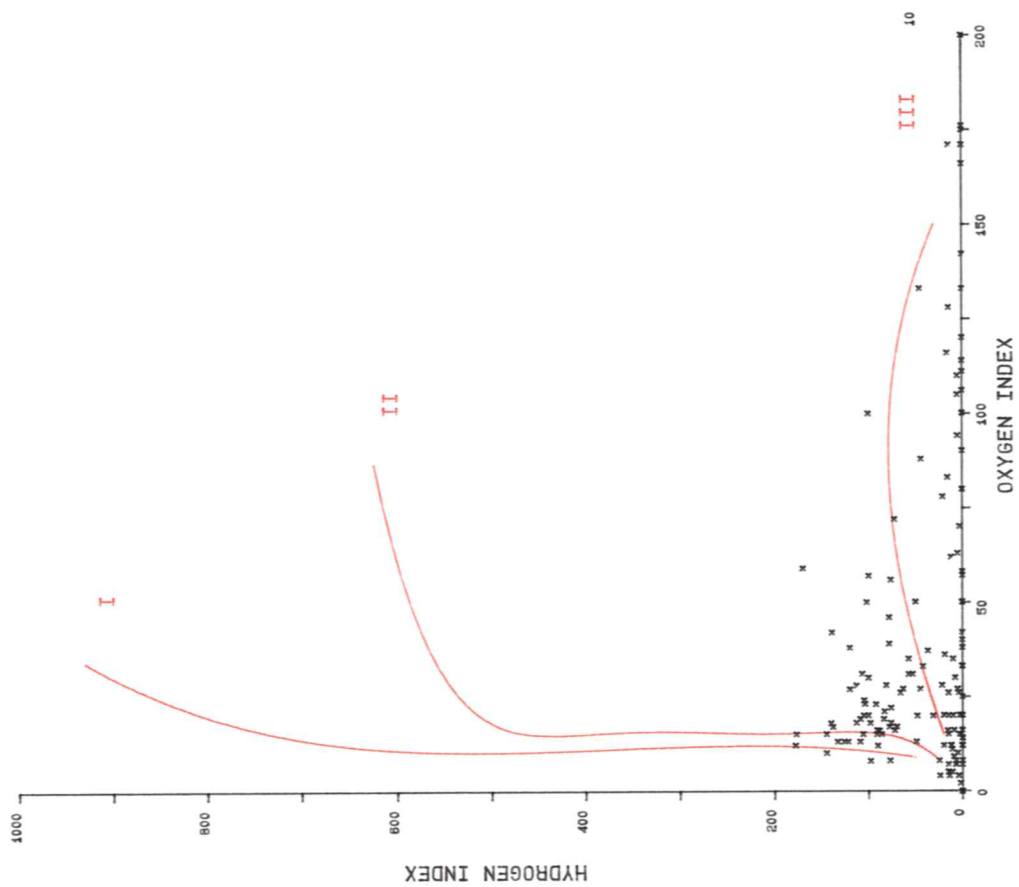
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Conoco Weald 6-9-50-19W5



Conoco Weald 6-9-50-19W5



Other GSC Rock-Eval/TOC Data Available in GSC Open File Reports

- Fowler, M.G. and L.R. Snowdon (1988) Rock Eval/TOC data from an additional seven wells located within the Jeanne d'Arc Basin, offshore Newfoundland; Geological Survey of Canada Open File Report #1735, 48p.
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- Snowdon, L.R. and C.L. Riediger (1995) Rock Eval/TOC data for 10 east central Alberta Wells (Townships 25 to 33 and Ranges 1 to 10W4); Geological Survey of Canada Open File Report #2989, 44p.
- Snowdon, L.R. and C.L. Riediger (1995) Rock Eval/TOC data for 19 southern Alberta wells (Townships 7 to 29 and Ranges 15W4 to 3W5); Geological Survey of Canada Open File Report #2990, 125p.
- Snowdon, L.R. and M.G. Fowler (1986a) Rock Eval/TOC data from seven wells located within the Jeanne d'Arc Basin, offshore Newfoundland; Geological Survey of Canada Open File Report #1382, 42p.
- Snowdon, L.R. and M.G. Fowler (1986b) Oil Show Analyzer, Rock Eval and TOC data for six Scotian Shelf wells; Geological Survey of Canada Open File Report #1403, 49p.
- Snowdon, L.R. and P.W. Price (1994) Rock-Eval/TOC data for three wells in the Kandik Basin, western Yukon Territory; Geological Survey of Canada Open File Report #2899, 31p.
- Snowdon, L.R. (1994) Rock-Eval/TOC data for 10 southwest Alberta wells (Townships 16 to 30 Ranges 2 to 10W5); Geological Survey of Canada Open File Report #2916, 113p.
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