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**ROCK-EVAL/TOC RESULTS FROM 14
WELLS IN SOUTHWESTERN ALBERTA
Townships 3-26: Ranges 1-8W5**

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INTRODUCTION

This open file report contains unedited Rock-Eval/TOC data from 14 wells in southwest Alberta. The measured parameters are as follows: S1, hydrocarbons volatile at 300°C reported as mg hydrocarbon/g rock; S2, hydrocarbons volatilized and generated during ramped (25°C/min) pyrolysis between 300°C and 600°C reported as mg HC/g rock; S3, organic carbon dioxide released at 300°C and during ramped heating up to 390°C reported as mg CO₂/g rock; Tmax, the temperature in °C at the top of the S2 peak; and TOC, total organic carbon as percent by weight of the rock algorithmically determined from the carbon contained in the S1+S2 as well as the oxidation peak, S4. In addition, a number of derived parameters have been reported as follows: PI, Production Index = $S1/(S1+S2)$; HI, Hydrogen Index = $100*S2/TOC$ as mg HC/g TOC; OI, Oxygen Index = $100*S3/TOC$ as mg CO₂/g TOC; and S1+S2, or total hydrocarbon capacity as mg HC/g rock. The results are reported as a function of depth in each well in either feet or metres depending on the units in which the well was drilled and the samples originally labelled. The depth units are noted as either F or M in the first line or two of the data set. Because the results are unedited, caution must be used in interpreting any of these results especially if they are not used within the context of results for adjacent samples.

INDEX OF WELLS

Well name and location	# samples	depth range		
Calstan C&E Cow Creek 6-30-8-1W5	493	0	14900	ft
Shell et al Gap Lake 6-4-24-7W5	367	40	4200	m
CDR Ghost 10-13-26-8W5	449	0	13450	ft
Shell N Kootenay Pass 4-23-5-5W5	428	100	13890	ft
Esso et al Quirk 5-22-21-5W5	464	0	13954	ft
Sinclair et al Racehorse 16-29-9-5W5	489	0	15030	ft
Phillips-Husky Salter "A" 1 3-17-15-4W5	342	0	12000	ft
Coseka et al Savanna Creek 9-31-12-4W5	379	600	4470	m
Para et al Savck 15-32-13-4W5	231	400	2916	m
Mobil Stimson 10-19-15-2W5	382	0	6720	ft
Joffre 23et al Trout Creek 10-10-14-1W5	374	400	3677	m
Shell 7 Waterton 7-34-3-1W5	452	0	13640	ft
Chevron Cdn Waterton 16-5-6-1W5	278	2200	5020	m
Shell Pine Creek 12-12-20-2W5	298	600	9300	ft

RESULTS AND DISCUSSION

Petroleum Source Potential

Petroleum source potential is defined by three geochemical parameters: 1) the level of thermal maturity, 2) the quantity of organic, and 3) the type of organic matter. These parameters define both the quantity and type of product (heavy oil, oil, condensate or gas) that will be generated in a source rock in response to geothermal stress. In combination with kinetic parameters and a burial history (geology), these data can be used as input parameters for a mathematical model of hydrocarbon generation through time as well as providing ground truth or target values for the model for the present time as a function of present depth.

Thermal Maturity

The sections represented in the wells in this study generally include thrust repeated sections. One of the main points of interest was to examine the thermal maturity profile in the vicinity of fault contacts to see if lower levels of maturity were preserved below the thrusts. Previous work in the foothills and front ranges of southern Alberta (England and Bustin, 1986; Bustin and England, 1989; and Bustin, 1991) has indicated that thermal maturity in the overthrust blocks has been influenced by the emplacement of the overlying thrust sheets but that the underlying section has not returned to equilibrium in most cases. That is, the level of inferred maturation below the fault is lower than that of the section immediately above the fault (thermal maturation discontinuity or reversal).

An example of this phenomenon may be seen in the North Kootenay Pass well (4-23-5-5W5) where the overmature Rocky Mountain Group overlies the mature Fernie Group at about 5500 ft. (1675m). In this well the Mount Head Group (among others) is repeated twice below 5500 ft. but the level of thermal maturity of the lower occurrences falls on a relatively smoothly increasing maturity trend which, even at its maximum is below that of the overlying thrust slice. Bustin and England (1989) presented data for this same well (their figure 5) but did not interpret a trend line due to the scatter in their limited data points. Bustin and England measured vitrinite reflectance profiles and there may have been limited vitrinite available in many of the samples. On the other hand all of the maturation data presented here are based on Rock-Eval pyrolysis parameters which are available for any type of organic matter that is not highly overmature. It is important to note that, although there are multiple thrust faults interpreted in this well, there is only one instance where a Rock-Eval maturity reversal or discontinuity is visible. Additional maturity discontinuities may be present in the topmost section, but because Rock-Eval Tmax is not useful above about 500°C, they would not be visible even they were present. The Waterton 7-34-3-1W5 well may be a similar example, with the topmost 2100 ft. (640m) appearing to be much higher in maturity than the rest of the well even though there are several stacked thrust

sheets below this depth. Again, the level of thermal maturity of the lower section of this well increases progressively across thrust faults.

In most of the wells represented in this study, there is no indication of any discontinuities in the thermal maturation profile. Examples include the Quirk 5-22-21-5W5 well which starts at a high level of maturity at the surface (near the end of the oil window) and increases to the point where Rock-Eval Tmax data is no longer sensitive, below about 4800 ft. (1460m) in this particular case. In other cases, such as Stimson 10-19-15-2W5, the maturity at surface is near the beginning of the oil window and progresses to fully mature at total depth (6600 ft. or 2000 m). The Ghost 10-13-26-8W5 well is fully mature at the surface and this increases smoothly through the oil window into overmaturity with increasing depth. The quantity and reactivity of residual organic matter in the Mount Head and deeper units are too low to yield a useful Tmax value.

The two Savanna Creek wells (9-31-12-4W5 and 15-32-13-4W5) are apparently very mature to overmature throughout the sampled intervals (600-4500 ft. [180-1370 m] and 400-2900m, respectively. The Rock-Eval Tmax parameter is very noisy at these high levels of maturity. The Salter "A" 1 3-17-15-4W5 well is also at high level of thermal maturity at the surface and this increases more or less progressively until the Tmax parameter is no longer useful. Similarly, the Gap Lake 6-4-24-7W5 well contains no useful Tmax data and is interpreted to be overmature.

Quantity of Organic Matter

The total organic carbon (TOC) content ranges from several percent to zero depending on the rock unit and on the level of thermal maturity. The Kootenay and Fernie groups are consistently high in TOC (up to 10%) when they are not overmature. Other high TOC units include parts of the Belly River, Alberta and Blairmore groups as well as the Second White Specks and Blackstone Formation. These last two tend to have lower peak TOC values, rarely above 2.5%, but they are more consistent. This probably reflects the occurrence of intermittent coal or coaly deposits in the former and the marine shale nature of the latter.

It is important to note that even when the thermal maturity is quite advanced, several formations retain modest levels of TOC. Presumably these are capable of acting as sources for natural gas.

Type of Organic Matter

The type of organic matter can be inferred from the Rock-Eval parameters Hydrogen Index (HI) and S2/S3 ratio. Because almost all of these data are from mature to overmature samples, the residual organic matter does not contain much pyrolyzable material (S2) and as a result both the HI and the S2/S3 ratio indicate that the quality of the kerogen is poor with respect to the generation of oil. Because both of these parameters are ratios with TOC and S3 in the

denominators respectively, care must be used in interpreting them because both parameters tend toward zero with increasing maturity.

In cases where the thermal maturity is moderate, both the HI and S2/S3 values indicate that the Blackstone and Second White Specks contain Type II organic matter. Similarly, selected intervals within the coaly units display elevated HI and S2/S3 ratios. For example, the Blackstone Formation has elevated values in the Racehorse (16-29-9-5W5) well while the Blairmore and Kootenay groups (along with the 'Jurassic shale') show high values in the Stimson (10-19-15-2W5) well.

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Shell 7 Waterton 7-34-3-1W5

013640

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
50F	.01	.67	.03	426	.02	.01	.12	100	1200
100	1.20	.29	14.46	422	4.22	10.24	.61	853	50
130	.01	.00	.01	0	.00	.01	.01	100	100
160	.03	1.00	.02	0	.02	.00	.07	0	233
190	.02	.00	.01	0	.00	.01	.03	50	150
220	.01	.00	.01	0	.00	.01	.01	100	100
250	.02	1.00	.02	0	.02	.00	.06	0	300
280	.01	1.00	.03	0	.03	.00	.01	0	100
310	.01	1.00	.01	0	.01	.00	.01	0	100
340	.03	.50	.02	331	.01	.01	.11	33	366
370	.02	.00	.01	0	.00	.01	.07	50	349
400	.01	1.00	.02	0	.02	.00	.06	0	600
430	.01	1.00	.01	0	.01	.00	.03	0	300
460	.01	1.00	.01	0	.01	.00	.03	0	300
490	.01	.00	.01	0	.00	.01	.02	100	200
520	.01	.00	.01	0	.00	.01	.01	100	100
550	.02	1.00	.02	0	.02	.00	.01	0	50
580	.01	1.00	.02	0	.02	.00	.01	0	100
610	.01	1.00	.01	0	.01	.00	.01	0	100
640	.01	.00	.01	0	.00	.01	.01	100	100
670	.01	.00	.01	0	.00	.01	.02	100	200
700	.01	1.00	.01	0	.01	.00	.03	0	300
730	.01	.00	.01	0	.00	.01	.02	100	200
760	.01	.00	.01	0	.00	.01	.03	100	300
790	.01	1.00	.01	0	.01	.00	.04	0	400
820	.01	.00	.01	0	.00	.01	.04	100	400
850	.01	.00	.01	0	.00	.01	.01	100	100
880	.01	.00	.01	0	.00	.01	.04	100	400
910	.01	.00	.01	0	.00	.01	.01	100	100
940	.01	.00	.01	0	.00	.01	.01	100	100
970	.01	.00	.01	0	.00	.01	.02	100	200
1000	.01	.00	.01	0	.00	.01	.01	100	100
1030	.01	1.00	.01	0	.01	.00	.02	0	200
1060	.01	.00	.01	0	.00	.01	.01	100	100
1090	.01	.00	.01	0	.00	.01	.01	100	100
1120	.01	1.00	.01	0	.01	.00	.02	0	200
1150	.01	.00	.01	0	.00	.01	.01	100	100
1180	.01	.00	.01	0	.00	.01	.03	100	300
1210	.01	.00	.01	0	.00	.01	.01	100	100

Shell 7 Waterton 7-34-3-1W5

013640

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
1240	.02	1.00	.01	0	.01	.00	.08	0	400
1270	.01	.00	.01	0	.00	.01	.01	100	100
1300	.02	.00	.01	0	.00	.01	.03	50	150
1340	.01	.00	.01	0	.00	.01	.04	100	400
1370	.01	.00	.01	0	.00	.01	.07	100	699
1400	.01	1.00	.01	0	.01	.00	.01	0	100
1430	.01	.00	.01	385	.00	.01	.01	100	100
1460	.01	.00	.01	0	.00	.01	.01	100	100
1490	.01	.50	.02	0	.01	.01	.01	100	100
1520	.01	.00	.01	0	.00	.01	.01	100	100
1550	.01	.00	.01	0	.00	.01	.01	100	100
1580	.01	.00	.01	0	.00	.01	.01	100	100
1610	.01	.00	.01	0	.00	.01	.01	100	100
1640	.01	.00	.01	0	.00	.01	.01	100	100
1670	.01	1.00	.01	0	.01	.00	.03	0	300
1700	.01	.00	.01	0	.00	.01	.02	100	200
1730	.01	1.00	.02	0	.02	.00	.01	0	100
1760	.01	1.00	.02	0	.02	.00	.01	0	100
1790	.03	.67	.12	0	.08	.04	.02	133	66
1820	.02	.62	.13	313	.08	.05	.03	250	150
1850	.01	.00	.01	0	.00	.01	.01	100	100
1880	.01	.00	.01	0	.00	.01	.01	100	100
1910	.01	1.00	.02	0	.02	.00	.01	0	100
1940	.02	1.00	.03	0	.03	.00	.02	0	100
1970	.02	1.00	.02	0	.02	.00	.04	0	200
2000	.01	.00	.01	0	.00	.01	.01	100	100
2030	.22	.05	.40	439	.02	.38	.08	172	36
2060	.34	.07	.45	441	.03	.42	.10	123	29
2090	.70	.07	.88	437	.06	.82	.18	117	25
2120	.79	.03	1.22	440	.04	1.18	.21	149	26
2150	.81	.06	.68	440	.04	.64	.16	79	19
2180	.92	.08	.74	442	.06	.68	.18	73	19
2210	.76	.09	.79	443	.07	.72	.19	94	25
2240	.70	.08	.84	443	.07	.77	.12	110	17
2270	.28	.15	.20	442	.03	.17	.13	60	46
2300	.70	.07	1.13	440	.08	1.05	.16	150	22
2330	.08	.00	.01	0	.00	.01	.11	12	137
2360	.90	.04	.71	439	.03	.68	.25	75	27
2390	.16	.50	.02	305	.01	.01	.18	6	112

Shell 7 Waterton 7-34-3-1W5

013640

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
2420	.17	.00	.08	419	.00	.08	.08	47	47
2450	.10	.00	.01	0	.00	.01	.14	10	140
2480	.12	.22	.09	372	.02	.07	.10	58	83
2510	.04	1.00	.01	0	.01	.00	.09	0	225
2540	.67	.07	.42	442	.03	.39	.12	58	17
2570	.13	.67	.03	446	.02	.01	.10	7	76
2600	.35	.03	.30	438	.01	.29	.09	82	25
2630	.25	.11	.19	442	.02	.17	.14	68	55
2660	.69	.08	.25	449	.02	.23	.26	33	37
2690	.12	.50	.04	343	.02	.02	.08	16	66
2720	.23	.50	.02	301	.01	.01	.10	4	43
2750	.22	.06	.18	459	.01	.17	.16	77	72
2780	.63	.15	.54	438	.08	.46	.20	73	31
2810	.15	.14	.07	454	.01	.06	.11	40	73
2840	.99	.06	.68	449	.04	.64	.29	64	29
2870	.57	.05	.66	440	.03	.63	.13	110	22
2900	.23	.19	.16	444	.03	.13	.08	56	34
2930	.39	.00	.10	448	.00	.10	.12	25	30
2960	.42	.09	.23	445	.02	.21	.13	50	30
2990	.52	.07	.29	444	.02	.27	.12	51	23
3020	.79	.09	.74	444	.07	.67	.21	84	26
3050	.44	.14	.29	444	.04	.25	.12	56	27
3080	.45	.00	.25	447	.00	.25	.08	55	17
3110	.50	.06	.31	445	.02	.29	.11	58	22
3140	1.04	.14	.51	439	.07	.44	.30	42	28
3170	.85	.05	1.20	444	.06	1.14	.24	134	28
3200	.42	.05	.37	435	.02	.35	.18	83	42
3230	.36	.13	.16	444	.02	.14	.16	38	44
3260	.41	.00	.01	0	.00	.01	.17	2	41
3290	.44	1.00	.01	0	.01	.00	.18	0	40
3320	.52	.63	.08	340	.05	.03	.18	5	34
3350	.41	.50	.06	447	.03	.03	.14	7	34
3380	.63	.13	.45	440	.06	.39	.21	61	33
3410	.30	1.00	.03	0	.03	.00	.09	0	30
3440	.59	1.00	.02	0	.02	.00	.20	0	33
3470	.70	.20	.66	439	.13	.53	.19	75	27
3500	1.42	.08	1.87	435	.15	1.72	.37	121	26
3530	.68	.06	.64	444	.04	.60	.12	88	17
3560	.76	.10	.94	444	.09	.85	.17	111	22

Shell 7 Waterton 7-34-3-1W5

013640

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
3590	.80	.13	.54	441	.07	.47	.19	58	23
3620	.60	.09	.68	445	.06	.62	.09	103	15
3650	.61	.17	.41	442	.07	.34	.19	55	31
3680	.73	.10	.96	444	.10	.86	.21	117	28
3710	.73	.14	.85	443	.12	.73	.25	100	34
3740	1.12	.15	.62	437	.09	.53	.34	47	30
3770	.77	.11	.89	445	.10	.79	.19	102	24
3800	.76	.15	.73	443	.11	.62	.27	81	35
3830	1.36	.19	.67	430	.13	.54	.42	39	30
3860	1.02	.13	.99	439	.13	.86	.36	84	35
3890	.76	.11	.95	445	.10	.85	.25	111	32
3920	.77	.09	.77	446	.07	.70	.17	90	22
3950	.79	.11	.85	442	.09	.76	.23	96	29
3980	.87	.07	1.41	443	.10	1.31	.27	150	31
4010	.84	.07	1.58	444	.11	1.47	.29	175	34
4040	1.04	.05	2.10	441	.10	2.00	.34	192	32
4070	.96	.09	.76	434	.07	.69	.30	71	31
4100	2.21	.05	11.25	435	.53	10.72	.63	485	28
4130	2.61	.05	12.32	432	.57	11.75	.57	450	21
4160	2.59	.02	9.32	433	.23	9.09	.59	350	22
4190	1.76	.05	4.42	430	.21	4.21	.46	239	26
4220	.65	.07	1.42	442	.10	1.32	.17	203	26
4250	.81	.15	.73	441	.11	.62	.25	76	30
4280	.18	.20	.10	440	.02	.08	.10	44	55
4310	.27	.04	.24	442	.01	.23	.13	85	48
4340	.32	.26	.19	440	.05	.14	.18	43	56
4370	.21	.13	.08	453	.01	.07	.08	33	38
4400	.26	.15	.26	440	.04	.22	.15	84	57
4430	.33	.27	.15	427	.04	.11	.19	33	57
4460	.22	.10	.10	477	.01	.09	.10	40	45
4490	.82	.18	.65	438	.12	.53	.22	64	26
4520	.22	.13	.16	442	.02	.14	.07	63	31
4550	.39	.07	.44	443	.03	.41	.13	105	33
4580	.96	.04	3.13	435	.14	2.99	.30	311	31
4610	.81	.12	.51	438	.06	.45	.21	55	25
4640	.26	.08	.26	438	.02	.24	.10	92	38
4670	.36	.14	.35	436	.05	.30	.15	83	41
4700	.52	.06	1.11	445	.07	1.04	.24	200	46
4730	.44	.10	.30	445	.03	.27	.19	61	43

Shell 7 Waterton 7-34-3-1W5

013640

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
4760	.80	.07	.97	444	.07	.90	.32	112	40
4790	.50	.07	.27	453	.02	.25	.12	50	24
4820	.37	.13	.32	447	.04	.28	.13	75	35
4850	.30	.14	.22	440	.03	.19	.10	63	33
4880	.40	.08	.73	441	.06	.67	.16	167	40
4910	.66	.30	.27	437	.08	.19	.24	28	36
4940	.50	.10	.31	449	.03	.28	.22	55	44
4970	.91	.09	.78	450	.07	.71	.28	78	30
5000	.54	.05	.73	446	.04	.69	.24	127	44
5030	.76	.05	.94	440	.05	.89	.26	117	34
5060	.78	.10	.61	440	.06	.55	.28	70	35
5090	.75	.11	.81	442	.09	.72	.18	96	24
5120	.66	.10	.31	443	.03	.28	.20	42	30
5150	.70	.07	.82	444	.06	.76	.19	108	27
5180	.68	.07	.60	445	.04	.56	.18	82	26
5210	.79	.09	.69	443	.06	.63	.27	79	34
5240	.35	.09	.23	441	.02	.21	.13	59	37
5270	.33	.11	.18	443	.02	.16	.14	48	42
5300	.78	.05	.55	442	.03	.52	.22	66	28
5330	.65	.05	.38	443	.02	.36	.20	55	30
5360	.47	.06	.50	445	.03	.47	.23	100	48
5390	8.08	.02	18.95	443	.39	18.56	1.58	229	19
5420	2.32	.02	2.54	452	.06	2.48	.87	106	37
5450	6.18	.04	6.28	448	.25	6.03	.60	97	9
5480	.80	.08	.78	458	.06	.72	.23	90	28
5510	.86	.06	.80	450	.05	.75	.23	87	26
5530	8.15	.04	21.36	442	.84	20.52	1.25	251	15
5570	1.26	.05	1.39	452	.07	1.32	.28	104	22
5600	2.87	.02	5.54	442	.11	5.43	.52	189	18
5630	.66	.09	.44	455	.04	.40	.20	60	30
5660	.83	.14	.84	448	.12	.72	.43	86	51
5700	.51	.24	.54	443	.13	.41	.26	80	50
5720	1.62	.16	1.67	436	.26	1.41	.40	87	24
5750	.97	.13	3.17	435	.42	2.75	.40	283	41
5780	.82	.05	1.01	451	.05	.96	.24	117	29
5810	1.51	.09	3.66	441	.34	3.32	.49	219	32
5840	.56	.07	.86	450	.06	.80	.18	142	32
5870	.90	.10	1.14	444	.11	1.03	.22	114	24
5900	.64	.07	1.21	443	.08	1.13	.24	176	37

Shell 7 Waterton 7-34-3-1W5

013640

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
5930	.92	.05	.95	441	.05	.90	.18	97	19
5960	.58	.03	.36	446	.01	.35	.20	60	34
5990	.60	.12	.25	450	.03	.22	.19	36	31
6020	.60	.21	.28	463	.06	.22	.25	36	41
6050	.40	.17	.06	466	.01	.05	.29	12	72
6070	1.01	.03	2.21	451	.07	2.14	.37	211	36
6110	8.58	.00	36.14	429	.16	35.98	1.58	419	18
6140	.61	.16	.19	456	.03	.16	.21	26	34
6170	.32	.17	.06	414	.01	.05	.15	15	46
6210	.62	.05	.22	457	.01	.21	.12	33	19
6230	.48	.09	.34	449	.03	.31	.16	64	33
6260	.57	.11	.28	450	.03	.25	.15	43	26
6290	.39	.18	.11	445	.02	.09	.08	23	20
6320	.77	.07	.45	441	.03	.42	.19	54	24
6350	.66	.07	.57	450	.04	.53	.20	80	30
6380	.53	.05	.75	459	.04	.71	.18	133	33
6410	.38	.13	.15	452	.02	.13	.16	34	42
6440	1.70	.08	2.38	446	.19	2.19	.31	128	18
6470	4.17	.03	10.56	439	.32	10.24	.66	245	15
6500	6.66	.03	13.24	444	.43	12.81	.78	192	11
6520	2.80	.03	5.35	447	.15	5.20	.30	185	10
6560	1.89	.06	3.01	446	.18	2.83	.37	149	19
6590	5.27	.02	13.54	439	.25	13.29	.79	252	14
6620	4.06	.03	9.09	442	.28	8.81	.59	216	14
6650	1.01	.06	1.78	451	.11	1.67	.20	165	19
6680	.69	.09	.93	444	.08	.85	.16	123	23
6710	.38	.17	.30	454	.05	.25	.17	65	44
6740	1.18	.06	1.16	451	.07	1.09	.18	92	15
6770	.21	.05	.57	447	.03	.54	.11	257	52
6800	.77	.07	.70	442	.05	.65	.23	84	29
6830	.45	.06	.86	447	.05	.81	.16	180	35
6860	.29	.07	.14	453	.01	.13	.12	44	41
6890	.45	.15	.13	461	.02	.11	.15	24	33
6920	.57	.05	.39	447	.02	.37	.17	64	29
6950	.24	.08	.13	460	.01	.12	.15	50	62
6980	.27	.25	.08	437	.02	.06	.17	22	62
7010	.44	.11	.74	450	.08	.66	.12	150	27
7040	.27	.07	.15	468	.01	.14	.09	51	33
7070	.35	.17	.30	442	.05	.25	.15	71	42

Shell 7 Waterton 7-34-3-1W5

013640

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
7100	.52	.29	.14	385	.04	.10	.18	19	34
7130	.25	.21	.14	450	.03	.11	.11	44	44
7160	.32	.11	.28	497	.03	.25	.15	78	46
7190	.13	.25	.04	368	.01	.03	.14	23	107
7220	.20	.60	.30	420	.18	.12	.22	60	110
7250	.68	.09	.79	446	.07	.72	.19	105	27
7280	.23	.11	.09	448	.01	.08	.15	34	65
7310	.62	.08	1.10	456	.09	1.01	.22	162	35
7340	.20	.33	.12	451	.04	.08	.11	40	55
7370	.61	.12	.34	456	.04	.30	.24	49	39
7400	.93	.06	1.08	450	.07	1.01	.22	108	23
7430	3.96	.05	6.78	442	.36	6.42	.45	162	11
7470	2.18	.04	2.41	453	.10	2.31	.72	105	33
7500	1.10	.09	1.62	450	.14	1.48	.14	134	12
7530	.56	.19	.69	455	.13	.56	.79	100	141
7560	3.62	.05	5.85	449	.32	5.53	.38	152	10
7590	5.99	.02	25.48	437	.62	24.86	.58	415	9
7620	3.76	.05	7.28	446	.35	6.93	.50	184	13
7650	1.19	.14	1.57	453	.22	1.35	.24	113	20
7680	1.49	.06	1.63	450	.10	1.53	.33	102	22
7710	2.35	.22	5.48	450	1.22	4.26	.49	181	20
7740	.59	.19	.26	441	.05	.21	.21	35	35
7770	1.00	.08	1.57	456	.12	1.45	.29	145	29
7800	.84	.11	1.22	451	.14	1.08	.21	128	25
7830	2.99	.07	7.06	449	.46	6.60	.47	220	15
7860	.59	.15	1.25	449	.19	1.06	.23	179	38
7890	2.12	.03	4.91	443	.14	4.77	.42	225	19
7920	.81	.42	1.78	451	.74	1.04	.45	128	55
7950	.85	.09	1.15	457	.10	1.05	.24	123	28
7980	.37	.36	.44	442	.16	.28	.23	75	62
8010	.67	.18	1.05	455	.19	.86	.42	128	62
8040	1.42	.06	1.93	454	.12	1.81	.17	127	11
8070	1.01	.07	1.16	453	.08	1.08	.22	106	21
8100	.64	.06	.50	466	.03	.47	.15	73	23
8130	1.09	.11	.90	460	.10	.80	.20	73	18
8160	.64	.12	.68	442	.08	.60	.22	93	34
8190	1.86	.04	1.44	457	.06	1.38	.34	74	18
8220	.68	.18	.56	459	.10	.46	.21	67	30
8250	.74	.10	.48	444	.05	.43	.24	58	32

Shell 7 Waterton 7-34-3-1W5

013640

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
8280	.54	.15	.39	459	.06	.33	.22	61	40
8320	1.19	.08	2.83	451	.24	2.59	.40	217	33
8340	1.04	.08	2.68	460	.22	2.46	.23	236	22
8370	1.30	.06	4.32	452	.28	4.04	.42	310	32
8400	.71	.04	2.38	463	.10	2.28	.20	321	28
8430	1.19	.16	4.74	454	.75	3.99	.37	335	31
8460	.82	.08	2.23	456	.17	2.06	.29	251	35
8490	.98	.10	3.52	458	.35	3.17	.29	323	29
8520	.64	.06	2.20	460	.14	2.06	.15	321	23
8550	.73	.10	2.42	458	.24	2.18	.39	298	53
8580	.65	.07	1.40	454	.10	1.30	.22	200	33
8610	.59	.05	2.34	459	.12	2.22	.17	376	28
8640	.59	.07	1.88	461	.14	1.74	.24	294	40
8670	.71	.11	.38	453	.04	.34	.29	47	40
8700	.36	.28	.18	471	.05	.13	.20	36	55
8730	.35	.38	.24	491	.09	.15	.27	42	77
8760	.40	.11	.56	467	.06	.50	.20	125	50
8780	.52	.20	.41	477	.08	.33	.20	63	38
8820	.88	.11	1.41	465	.15	1.26	.28	143	31
8850	.49	.11	.66	472	.07	.59	.21	120	42
8880	.42	.12	.95	462	.11	.84	.48	200	114
8910	.30	.13	.77	461	.10	.67	.17	223	56
8940	.40	.11	1.04	464	.11	.93	.50	232	125
8970	.75	.10	2.32	460	.24	2.08	.26	277	34
9000	.70	.08	2.12	456	.18	1.94	.31	277	44
9030	.54	.16	1.65	459	.27	1.38	.20	255	37
9060	.40	.28	1.41	459	.40	1.01	.29	252	72
9090	.21	.38	.26	469	.10	.16	.11	76	52
9120	.40	.20	1.42	457	.29	1.13	.43	282	107
9150	.66	.14	.97	452	.14	.83	.40	125	60
9170	.47	.17	1.33	462	.22	1.11	.32	236	68
9200	.47	.17	1.39	464	.23	1.16	.29	246	61
9230	.30	.26	.43	458	.11	.32	.13	106	43
9260	.47	.17	1.65	460	.28	1.37	.31	291	65
9290	.63	.12	1.86	444	.22	1.64	.25	260	39
9320	.31	.22	.65	458	.14	.51	.25	164	80
9350	.51	.17	1.21	455	.20	1.01	.32	198	62
9380	.24	.10	.21	449	.02	.19	.25	79	104
9410	.88	.09	2.27	448	.20	2.07	.39	235	44

Shell 7 Waterton 7-34-3-1W5

013640

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
9440	1.64	.11	5.66	452	.65	5.01	.42	305	25
9470	1.00	.18	3.10	438	.55	2.55	.40	255	40
9500	.26	.42	.91	452	.38	.53	.33	203	126
9530	.69	.10	1.64	457	.17	1.47	.30	213	43
9560	.39	.22	.95	452	.21	.74	.53	189	135
9590	.40	.25	.80	458	.20	.60	.62	150	155
9620	1.11	.23	2.41	438	.55	1.86	.48	167	43
9650	.50	.12	1.61	460	.19	1.42	.35	284	70
9680	.52	.09	1.64	459	.14	1.50	.37	288	71
9710	.79	.13	.95	453	.12	.83	.56	105	70
9740	.31	.15	.46	462	.07	.39	.26	125	83
9770	.54	.19	1.51	461	.28	1.23	.40	227	74
9800	.45	.24	1.06	460	.25	.81	.19	180	42
9830	.52	.21	1.75	460	.36	1.39	.33	267	63
9860	.42	.15	.79	457	.12	.67	.34	159	80
9890	.31	.32	.57	444	.18	.39	.38	125	122
9920	.64	.16	1.88	452	.31	1.57	.48	245	75
9950	.69	.32	1.25	444	.40	.85	.48	123	69
9980	1.27	.10	3.47	451	.33	3.14	.41	247	32
10010	1.15	.12	1.59	440	.19	1.40	.52	121	45
10040	1.40	.16	2.37	450	.39	1.98	.28	141	19
10070	.27	.20	.83	458	.17	.66	.34	244	125
10100	.25	.39	.67	450	.26	.41	.33	164	132
10130	.07	.00	.02	414	.00	.02	.30	28	428
10160	.30	.15	.60	444	.09	.51	.30	170	100
10190	.40	.18	.83	463	.15	.68	.26	170	65
10220	1.46	.10	3.33	453	.33	3.00	.31	205	21
10250	1.41	.12	3.92	453	.48	3.44	.41	243	29
10280	.72	.16	1.14	450	.18	.96	.36	133	50
10310	.50	.16	.19	441	.03	.16	.30	32	60
10340	.61	.11	1.31	449	.14	1.17	.55	191	90
10370	.44	.12	.60	458	.07	.53	.28	120	63
10400	.16	.10	.20	462	.02	.18	.09	112	56
10430	.27	.14	.51	446	.07	.44	.25	162	92
10460	.26	.13	.31	454	.04	.27	.18	103	69
10490	.26	.09	.85	463	.08	.77	.25	296	96
10520	.52	.14	1.07	456	.15	.92	.40	176	76
10550	.31	.23	.74	460	.17	.57	.15	183	48
10580	.16	.13	.23	461	.03	.20	.13	125	81

Shell 7 Waterton 7-34-3-1W5

013640

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
10610	.25	.09	.56	463	.05	.51	.10	204	40
10640	.10	.08	.12	457	.01	.11	.11	110	110
10670	.27	.06	.65	443	.04	.61	.15	225	55
10700	.45	.08	.52	450	.04	.48	.18	106	40
10730	.49	.07	.70	452	.05	.65	.10	132	20
10760	.28	.22	.27	458	.06	.21	.24	75	85
10790	.51	.21	.76	465	.16	.60	.17	117	33
10820	.53	.21	.63	455	.13	.50	.17	94	32
10850	.31	.19	.27	455	.05	.22	.16	70	51
10880	.40	.18	.39	457	.07	.32	.16	80	40
10910	.23	.20	.35	458	.07	.28	.16	121	69
10940	.41	.19	.48	449	.09	.39	.21	95	51
10970	.25	.24	.33	458	.08	.25	.14	100	55
11000	.23	.25	.24	455	.06	.18	.22	78	95
11030	.36	.13	.39	452	.05	.34	.23	94	63
11060	.47	.12	.76	455	.09	.67	.24	142	51
11090	.35	.18	.11	460	.02	.09	.13	25	37
11120	.44	.05	.59	469	.03	.56	.17	127	38
11150	.25	.13	.15	465	.02	.13	.11	52	44
11180	.38	.17	.06	457	.01	.05	.21	13	55
11210	.48	.23	.26	467	.06	.20	.12	41	25
11240	.32	.42	.12	393	.05	.07	.15	21	46
11270	.35	.22	.09	451	.02	.07	.24	19	68
11300	.27	.06	.17	472	.01	.16	.09	59	33
11330	.32	.14	.59	456	.08	.51	.19	159	59
11360	.30	.16	.43	465	.07	.36	.15	120	50
11390	.34	.11	.46	464	.05	.41	.25	120	73
11450	.63	.12	1.63	445	.19	1.44	.36	228	57
11480	.48	.26	.85	456	.22	.63	.26	131	54
11510	.29	.57	.07	421	.04	.03	.14	10	48
11540	.17	.07	.15	485	.01	.14	.06	82	35
11570	.62	.11	2.20	441	.24	1.96	.37	316	59
11600	.46	.31	.94	464	.29	.65	.27	141	58
11630	.24	.32	.28	455	.09	.19	.13	79	54
11660	.42	.10	.84	461	.08	.76	.30	180	71
11690	.94	.20	1.37	447	.28	1.09	.36	115	38
11720	.56	.20	1.28	457	.25	1.03	.23	183	41
11750	.72	.40	1.31	472	.53	.78	.31	108	43
11780	.39	.15	.66	442	.10	.56	.27	143	69

Shell 7 Waterton 7-34-3-1W5

013640

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
11810	.40	.13	.90	457	.12	.78	.32	195	80
11840	.67	.11	2.89	454	.31	2.58	.42	385	62
11870	.26	.25	.24	452	.06	.18	.32	69	123
11900	.70	.13	1.10	443	.14	.96	.31	137	44
11930	.59	.12	.75	459	.09	.66	.22	111	37
11960	.31	.17	.35	450	.06	.29	.20	93	64
11990	.90	.15	.99	474	.15	.84	.20	93	22
12020	.58	.23	.90	444	.21	.69	.31	118	53
12050	.43	.15	1.15	461	.17	.98	.30	227	69
12080	.35	.21	.39	457	.08	.31	.17	88	48
12110	.47	.11	1.04	456	.11	.93	.60	197	127
12140	.72	.10	1.04	442	.10	.94	.46	130	63
12170	.55	.24	.51	453	.12	.39	.37	70	67
12200	1.22	.12	2.30	437	.28	2.02	.31	165	25
12230	.28	.30	.20	450	.06	.14	.32	50	114
12260	.54	.20	.41	447	.08	.33	.31	61	57
12290	.39	.14	.28	437	.04	.24	.31	61	79
12320	.18	1.00	.02	0	.02	.00	.17	0	94
12350	.88	.11	1.90	453	.20	1.70	.44	193	50
12380	.32	.39	.23	438	.09	.14	.22	43	68
12410	.40	.18	.65	454	.12	.53	.23	132	57
12440	.48	.10	1.25	461	.12	1.13	.45	235	93
12470	.74	.23	1.01	453	.23	.78	.34	105	45
12500	1.05	.09	2.62	437	.23	2.39	.58	227	55
12530	.59	.14	.76	435	.11	.65	.22	110	37
12560	.59	.07	2.74	454	.18	2.56	.30	433	50
12590	.52	.10	.68	439	.07	.61	.18	117	34
12620	.32	.27	.30	444	.08	.22	.40	68	125
12650	.50	.16	.79	435	.13	.66	.38	132	76
12680	.32	.11	.19	448	.02	.17	.18	53	56
12710	.64	.24	.72	448	.17	.55	.48	85	75
12740	.03	1.00	.02	0	.02	.00	.18	0	600
12770	.98	.23	1.51	437	.34	1.17	.40	119	40
12800	.40	.23	.71	452	.16	.55	.37	137	92
12830	.80	.09	1.66	430	.15	1.51	.35	188	43
12860	.41	.12	.50	455	.06	.44	.20	107	48
12890	.29	.31	.78	461	.24	.54	.23	186	79
12920	.32	.23	.70	457	.16	.54	.19	168	59
12950	.56	.22	1.03	441	.23	.80	.39	142	69

Shell 7 Waterton 7-34-3-1W5

013640

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
12980	.13	.45	.11	446	.05	.06	.15	46	115
13010	.48	.33	.86	451	.28	.58	.36	120	75
13040	.26	.12	.50	440	.06	.44	.22	169	84
13070	.25	.43	.23	441	.10	.13	.29	52	116
13100	.98	.40	.62	459	.25	.37	.16	37	16
13130	.39	.45	.11	454	.05	.06	.08	15	20
13160	.78	.23	.53	440	.12	.41	.27	52	34
13190	.52	.26	.35	440	.09	.26	.91	50	175
13220	.52	.67	.15	388	.10	.05	.31	9	59
13250	.27	.14	.21	452	.03	.18	.27	66	100
13280	.32	.16	.25	451	.04	.21	.23	65	71
13310	.23	.50	.10	446	.05	.05	.52	21	226
13340	.64	.17	1.30	450	.22	1.08	.31	168	48
13370	.27	.13	.24	468	.03	.21	.38	77	140
13400	.45	.30	.63	440	.19	.44	.33	97	73
13430	.18	.25	.44	443	.11	.33	.26	183	144
13460	.27	.36	.22	447	.08	.14	.24	51	88
13490	.24	.63	.24	438	.15	.09	.31	37	129
13520	.18	.29	.17	448	.05	.12	.21	66	116
13550	.48	.24	.46	455	.11	.35	.28	72	58
13580	1.44	.09	2.92	441	.27	2.65	.47	184	32
13610	1.70	.09	3.47	437	.30	3.17	.43	186	25
13640	.91	.11	1.87	442	.20	1.67	.43	183	47

Fault	-2110F
Belly River Grp.	-2110
Alberta Grp.	-3276
Crowsnest Vol	-4210
Blairmore Grp.	-4295
Ostracod Zone	-5098
Dalhousie CGL	-5310
Kootenay Grp.	-5352
Passage Beds	-5588
Green Beds	-5674
Grey Beds	-5683
Fault	-6004
Blairmore Grp.	-6004
Ostracod Zone	-6278
Dalhousie CGL	-6367
Kootenay Grp.	-6420

Shell 7 Waterton 7-34-3-1W5

013640

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	*****	*****	*****	*****	*****	*****	***	***

Passage Beds	-6502
Green Beds	-6578
Grey Beds	-6598
Fault	-6693
Blairmore Grp.	-6693
Ostracod Zone	-7271
Dalhousie CGL	-7370
Kootenay Grp.	-7404
Passage Beds	-7588
Green Beds	-7738
Grey Beds	-7760
Fault	-7820
Blairmor Grp.	-7820
Ostracod Zone	-7920
Kootenay Grp.	-8003
Passage Beds	-8102
Green Beds	-8280
Grey Beds	-8310
Rock Creek Mbr.	-8657
Poker Chip SH	-8799
Mount Head Fm.	-8836
Livingstone Fm.	-9225
Banff Fm.	-10673
Exshaw Fm.	-10799
Wabamun Grp.	-10803
Fault	-11101
Banff Fm.	-11101
Exshaw Fm.	-11131
Wabamun Grp.	-11136
Fault	-11253
Mount Head Fm.	-11253
Livingstone Fm.	-11497
Banff Fm.	-12980
Exshaw Grp.	-13152
Wabamun Grp.	-13155

Shell N Kootenay Pass 4-23-5-5W5
10013690

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
100F	.01	1.00	.05	0	.05	.00	.01	0	100
130	.01	1.00	.02	0	.02	.00	.01	0	100
160	.01	.86	.22	376	.19	.03	.01	300	100
190	.04	1.00	.05	0	.05	.00	.01	0	25
230	.01	.70	.10	346	.07	.03	.01	300	100
260	.01	1.00	.04	0	.04	.00	.01	0	100
290	.01	.65	.20	381	.13	.07	.01	699	100
320	.01	.56	.09	310	.05	.04	.01	400	100
350	.01	.60	.15	390	.09	.06	.01	600	100
380	.01	.40	.05	0	.02	.03	.01	300	100
410	.01	.20	.05	304	.01	.04	.01	400	100
440	.01	1.00	.02	0	.02	.00	.01	0	100
470	.01	.45	.11	0	.05	.06	.01	600	100
500	.01	1.00	.02	0	.02	.00	.01	0	100
530	.01	1.00	.02	0	.02	.00	.01	0	100
560	.01	1.00	.04	0	.04	.00	.01	0	100
590	.01	.50	.06	323	.03	.03	.01	300	100
620	.01	.00	.01	0	.00	.01	.01	100	100
650	.01	.67	.09	323	.06	.03	.01	300	100
680	.01	.00	.01	319	.00	.01	.01	100	100
710	.01	1.00	.07	0	.07	.00	.01	0	100
740	.01	1.00	.07	0	.07	.00	.01	0	100
770	.01	.00	.01	0	.00	.01	.01	100	100
800	.01	1.00	.05	0	.05	.00	.01	0	100
830	.01	.00	.01	0	.00	.01	.01	100	100
860	.01	.58	.12	375	.07	.05	.01	500	100
890	.02	.47	.19	403	.09	.10	.01	500	50
920	.01	1.00	.10	0	.10	.00	.01	0	100
950	.01	.73	.11	323	.08	.03	.01	300	100
980	.01	.70	.10	323	.07	.03	.01	300	100
1010	.01	.78	.09	324	.07	.02	.01	200	100
1040	.01	.63	.08	384	.05	.03	.01	300	100
1070	.01	.57	.14	315	.08	.06	.01	600	100
1100	.01	.67	.09	318	.06	.03	.01	300	100
1130	.01	.50	.12	363	.06	.06	.01	600	100
1160	.01	.75	.12	311	.09	.03	.01	300	100
1190	.01	1.00	.02	0	.02	.00	.01	0	100
1230	.04	.60	.15	379	.09	.06	.01	150	25

Shell N Kootenay Pass 4-23-5-5W5

10013690

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
1260	.01	.79	.14	319	.11	.03	.01	300	100
1290	.01	.50	.04	0	.02	.02	.01	200	100
1320	.01	.67	.03	322	.02	.01	.01	100	100
1350	.01	1.00	.04	0	.04	.00	.01	0	100
1380	.01	1.00	.05	0	.05	.00	.01	0	100
1410	.04	.68	.37	389	.25	.12	.01	300	25
1440	.02	.79	.19	391	.15	.04	.01	200	50
1470	.01	.72	.18	389	.13	.05	.01	500	100
1500	.03	.72	.39	376	.28	.11	.01	366	33
1530	.03	.80	.25	387	.20	.05	.01	166	33
1560	.03	.81	.32	369	.26	.06	.01	200	33
1620	.05	.71	.51	384	.36	.15	.01	300	20
1650	.07	.77	.60	379	.46	.14	.01	200	14
1680	.01	.00	.01	0	.00	.01	.01	100	100
1710	.08	.81	1.00	393	.81	.19	.01	237	12
1740	.24	.79	2.96	372	2.35	.61	.19	254	79
1770	.17	.90	1.57	387	1.41	.16	.01	94	5
1800	.14	.60	1.33	412	.80	.53	.01	378	7
1830	.10	.68	.95	387	.65	.30	.01	300	10
1860	.10	.77	.99	407	.76	.23	.01	230	10
1890	.05	.85	.48	388	.41	.07	.01	140	20
1920	.14	.88	1.27	383	1.12	.15	.01	107	7
1950	.02	.81	.27	400	.22	.05	.01	250	50
1980	.04	.73	.45	387	.33	.12	.01	300	25
2010	.03	.74	.38	382	.28	.10	.01	333	33
2040	.01	.87	.23	358	.20	.03	.01	300	100
2070	.03	.78	.37	380	.29	.08	.01	266	33
2100	.19	.86	1.91	393	1.64	.27	.05	142	26
2130	.04	.77	.39	385	.30	.09	.01	225	25
2160	.04	.78	.45	388	.35	.10	.01	250	25
2190	.04	.67	.39	401	.26	.13	.01	325	25
2220	.14	.81	.48	403	.39	.09	.05	64	35
2250	.08	.89	.89	391	.79	.10	.01	125	12
2280	.09	.66	.80	405	.53	.27	.08	300	88
2310	.04	.87	.32	395	.28	.04	.02	100	50
2340	.12	.83	.77	376	.64	.13	.39	108	325
2370	.07	.80	.46	399	.37	.09	.01	128	14
2400	.17	.69	1.14	395	.79	.35	.04	205	23

Shell N Kootenay Pass 4-23-5-5W5

10013690

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
2430	.11	.66	.61	391	.40	.21	.06	190	54
2460	.07	.74	.46	397	.34	.12	.01	171	14
2490	.07	.77	.44	392	.34	.10	.01	142	14
2520	.01	.00	.09	0	.00	.09	.01	900	100
2550	.02	.74	.34	390	.25	.09	.01	450	50
2580	.02	.81	.36	372	.29	.07	.01	349	50
2610	.01	.95	.20	0	.19	.01	.01	100	100
2640	.01	1.00	.07	0	.07	.00	.01	0	100
2690	.01	1.00	.02	0	.02	.00	.01	0	100
2720	.04	.72	.29	399	.21	.08	.01	200	25
2750	.01	1.00	.05	0	.05	.00	.01	0	100
2780	.01	.80	.05	323	.04	.01	.01	100	100
2810	.01	.58	.12	377	.07	.05	.01	500	100
2840	.01	.43	.14	384	.06	.08	.01	800	100
2870	.09	.75	.61	407	.46	.15	.01	166	11
2900	.10	.62	.63	410	.39	.24	.01	240	10
2930	.10	.71	.38	414	.27	.11	.07	110	70
2960	.10	.70	.46	402	.32	.14	.06	140	60
2990	.08	.74	.31	393	.23	.08	.15	100	187
3020	.08	.63	.38	413	.24	.14	.03	174	37
3050	.01	.70	.10	0	.07	.03	.01	300	100
3080	.01	.83	.06	317	.05	.01	.01	100	100
3110	.01	1.00	.05	0	.05	.00	.01	0	100
3140	.06	.73	.11	347	.08	.03	.04	50	66
3170	.08	.76	.46	382	.35	.11	.01	137	12
3200	.01	.60	.10	313	.06	.04	.01	400	100
3230	.01	.70	.10	323	.07	.03	.01	300	100
3260	.01	.75	.12	349	.09	.03	.01	300	100
3290	.01	.71	.17	356	.12	.05	.01	500	100
3320	.01	.67	.18	367	.12	.06	.01	600	100
3350	.01	.80	.10	323	.08	.02	.01	200	100
3380	.01	.80	.10	358	.08	.02	.01	200	100
3410	.04	.79	.34	385	.27	.07	.01	174	25
3440	.03	.65	.20	396	.13	.07	.01	233	33
3470	.04	.70	.20	392	.14	.06	.01	150	25
3500	.03	.74	.27	389	.20	.07	.01	233	33
3530	.02	.71	.17	399	.12	.05	.01	250	50
3560	.04	.71	.28	383	.20	.08	.01	200	25

Shell N Kootenay Pass 4-23-5-5W5

10013690

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
3590	.01	1.00	.01	0	.01	.00	.01	0	100
3620	.01	.80	.10	300	.08	.02	.01	200	100
3650	.01	1.00	.08	0	.08	.00	.01	0	100
3680	.01	.00	.01	0	.00	.01	.01	100	100
3710	.01	.00	.01	0	.00	.01	.01	100	100
3740	.01	.00	.01	0	.00	.01	.01	100	100
3770	.01	.00	.01	0	.00	.01	.01	100	100
3800	.01	1.00	.01	0	.01	.00	.01	0	100
3830	.01	.00	.01	0	.00	.01	.01	100	100
3860	.01	.00	.01	0	.00	.01	.01	100	100
3890	.01	.67	.03	323	.02	.01	.01	100	100
3920	.01	.63	.08	368	.05	.03	.01	300	100
3950	.04	.60	.15	373	.09	.06	.01	150	25
3980	.03	.60	.10	353	.06	.04	.01	133	33
4010	.01	1.00	.01	0	.01	.00	.01	0	100
4040	.01	.75	.04	0	.03	.01	.01	100	100
4070	.03	.67	.15	358	.10	.05	.01	166	33
4100	.02	.71	.07	323	.05	.02	.01	100	50
4130	.14	.66	.29	383	.19	.10	.01	71	7
4160	.04	.56	.16	356	.09	.07	.01	174	25
4190	.03	.83	.06	406	.05	.01	.01	33	33
4220	.02	1.00	.05	0	.05	.00	.01	0	50
4250	.01	.00	.01	0	.00	.01	.01	100	100
4280	.01	.71	.07	430	.05	.02	.01	200	100
4310	.67	.68	6.09	421	4.17	1.92	1.11	286	165
4340	.01	.75	.12	302	.09	.03	.01	300	100
4370	.03	1.00	.04	0	.04	.00	.01	0	33
4410	.06	.50	.02	323	.01	.01	.01	16	16
4440	.01	.56	.09	385	.05	.04	.01	400	100
4470	.02	.64	.11	361	.07	.04	.01	200	50
4500	.01	.69	.13	380	.09	.04	.01	400	100
4530	.06	.59	.44	371	.26	.18	.01	300	16
4560	.07	.62	.34	379	.21	.13	.01	185	14
4590	.04	.71	.07	426	.05	.02	.01	50	25
4620	.22	.27	1.24	435	.33	.91	.02	413	9
4650	2.12	.67	18.80	410	12.64	6.16	1.84	290	86
4680	.16	.57	.87	426	.50	.37	.01	231	6
4710	.01	.67	.06	331	.04	.02	.01	200	100

Shell N Kootenay Pass 4-23-5-5W5

10013690

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
4740	.05	.67	.09	391	.06	.03	.01	60	20
4770	.02	.69	.16	386	.11	.05	.01	250	50
4800	.02	.81	.16	382	.13	.03	.01	150	50
4830	.09	.67	.70	393	.47	.23	.01	255	11
4860	.08	.69	.55	386	.38	.17	.01	212	12
4890	.06	.75	.08	309	.06	.02	.01	33	16
4920	.73	.78	7.64	418	5.96	1.68	.28	230	38
4950	.12	.54	1.11	384	.60	.51	.01	425	8
4980	.05	.38	.24	409	.09	.15	.01	300	20
5010	.13	.45	.86	412	.39	.47	.10	361	76
5040	.13	.39	.33	363	.13	.20	.83	153	638
5070	.01	.50	.18	390	.09	.09	.01	900	100
5100	.01	1.00	.06	0	.06	.00	.01	0	100
5130	.01	.60	.10	383	.06	.04	.01	400	100
5160	.01	.80	.05	320	.04	.01	.01	100	100
5190	.01	.67	.09	347	.06	.03	.01	300	100
5220	.02	.59	.17	388	.10	.07	.01	349	50
5250	.05	.51	.35	391	.18	.17	.01	340	20
5280	.01	.70	.10	323	.07	.03	.01	300	100
5310	.01	.87	.08	332	.07	.01	.01	100	100
5340	.01	.65	.17	370	.11	.06	.01	600	100
5370	.36	.65	1.94	401	1.26	.68	1.24	188	344
5400	.03	.86	.42	374	.36	.06	.01	200	33
5430	.03	.77	.26	380	.20	.06	.01	200	33
5460	.03	.92	.24	338	.22	.02	.10	66	333
5490	.07	.56	.32	415	.18	.14	.08	200	114
5520	3.17	.07	13.21	447	.88	12.33	.15	388	4
5550	3.17	.07	12.90	446	.84	12.06	.29	380	9
5580	.67	.17	1.71	451	.29	1.42	.16	211	23
5610	.32	.46	1.42	451	.66	.76	.20	237	62
5640	.50	.12	2.46	444	.29	2.17	.23	434	46
5670	2.17	.03	14.62	445	.50	14.12	.36	650	16
5700	1.37	.04	9.65	450	.39	9.26	.21	675	15
5730	.40	.24	2.12	445	.51	1.61	.01	402	2
5760	.97	.05	11.75	442	.58	11.17	.25	1151	25
5790	1.04	.11	6.24	450	.67	5.57	.10	535	9
5830	.31	.18	1.21	451	.22	.99	.01	319	3
5860	.18	.21	.67	447	.14	.53	.01	294	5

Shell N Kootenay Pass 4-23-5-5W5

10013690

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
5890	1.21	.04	8.37	447	.36	8.01	.10	661	8
5920	1.38	.07	8.86	450	.60	8.26	.31	598	22
5950	1.42	.06	8.87	448	.54	8.33	.17	586	11
5980	1.79	.05	11.90	448	.63	11.27	.01	629	0
6010	.24	.16	.90	443	.14	.76	.01	316	4
6040	.20	.21	.68	445	.14	.54	.01	270	5
6070	.20	.19	.54	445	.10	.44	.01	220	5
6100	.23	.22	.65	454	.14	.51	.01	221	4
6130	.27	.17	.70	448	.12	.58	.01	214	3
6160	.21	.19	.57	447	.11	.46	.01	219	4
6190	1.03	.05	5.78	452	.30	5.48	.06	532	5
6220	1.18	.03	7.44	451	.25	7.19	.07	609	5
6250	1.80	.05	10.18	449	.49	9.69	.18	538	10
6280	.97	.07	5.43	450	.37	5.06	.18	521	18
6310	.84	.05	4.81	450	.25	4.56	.05	542	5
6340	1.08	.08	6.01	450	.48	5.53	.01	512	0
6370	.36	.25	1.99	453	.49	1.50	.01	416	2
6400	.32	.19	1.54	451	.29	1.25	.01	390	3
7020	.31	.14	1.70	451	.24	1.46	.01	470	3
7050	.25	.13	1.18	449	.15	1.03	.01	412	4
7080	.15	.21	.61	452	.13	.48	.18	320	120
7110	.57	.07	3.25	451	.23	3.02	.01	529	1
7140	.06	.40	.20	431	.08	.12	.01	200	16
7200	.12	.09	1.54	454	.14	1.40	.01	1166	8
7230	.11	.34	.35	447	.12	.23	.01	209	9
7260	.10	.37	.30	457	.11	.19	.01	190	10
7290	.14	.30	.33	452	.10	.23	.01	164	7
7320	.09	.57	.14	461	.08	.06	.01	66	11
7350	.08	.16	.32	453	.05	.27	.01	337	12
7380	.13	.27	.37	450	.10	.27	.01	207	7
7410	.10	.30	.40	445	.12	.28	.01	280	10
7440	.02	1.00	.05	0	.05	.00	.01	0	50
7470	.07	.46	.26	450	.12	.14	.01	200	14
7500	.07	.30	.27	454	.08	.19	.01	271	14
7530	.03	.55	.11	398	.06	.05	.01	166	33
7560	.04	1.00	.02	0	.02	.00	.01	0	25
7590	.09	.33	.27	451	.09	.18	.01	200	11
7620	.20	.32	.38	443	.12	.26	.01	130	5

Shell N Kootenay Pass 4-23-5-5W5

10013690

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
7650	.15	.00	.01	0	.00	.01	.01	6	6
7680	.07	.11	.96	450	.11	.85	.01	1214	14
7710	.14	.07	.82	451	.06	.76	.01	542	7
7740	.02	1.00	.03	0	.03	.00	.01	0	50
7770	.02	.80	.10	408	.08	.02	.01	100	50
7800	.13	.21	.56	448	.12	.44	.01	338	7
7830	.34	.13	2.48	448	.31	2.17	.01	638	2
7900	.01	1.00	.05	0	.05	.00	.01	0	100
7930	.08	.56	.34	410	.19	.15	.01	187	12
7960	.02	1.00	.02	0	.02	.00	.01	0	50
7990	.03	.57	.07	367	.04	.03	.01	100	33
8020	.03	.63	.08	396	.05	.03	.01	100	33
8050	.03	.50	.08	454	.04	.04	.01	133	33
8080	.27	.11	1.60	454	.17	1.43	.01	529	3
8110	.21	.22	1.11	449	.24	.87	.01	414	4
8140	.07	.29	.24	452	.07	.17	.01	242	14
8170	.01	1.00	.01	0	.01	.00	.01	0	100
8200	.59	.04	5.15	455	.20	4.95	.01	838	1
8230	.18	.26	.57	457	.15	.42	.01	233	5
8260	.25	.09	1.26	452	.11	1.15	.01	460	4
8290	.24	.11	1.25	456	.14	1.11	.01	462	4
8320	.37	.09	1.86	452	.17	1.69	.01	456	2
8350	.08	.44	.25	453	.11	.14	.01	174	12
8380	.13	.33	.36	442	.12	.24	.01	184	7
8410	.07	1.00	.02	0	.02	.00	.01	0	14
8440	.11	.14	.36	450	.05	.31	.01	281	9
8470	.07	.35	.20	448	.07	.13	.01	185	14
8500	.06	.25	.16	450	.04	.12	.01	200	16
8530	.08	.69	.16	419	.11	.05	.01	62	12
8560	.44	.05	3.08	454	.14	2.94	.01	668	2
8590	.44	.08	2.28	448	.19	2.09	.01	475	2
8620	.13	.44	.25	456	.11	.14	.01	107	7
8650	3.92	.04	25.05	448	.90	24.15	.04	616	1
8680	.59	.05	3.22	448	.15	3.07	.01	520	1
8710	.14	.04	.70	454	.03	.67	.01	478	7
8740	.01	.33	.03	458	.01	.02	.01	200	100
8770	.57	.04	3.34	455	.15	3.19	.01	559	1
8810	.05	.38	.08	363	.03	.05	.01	100	20

Shell N Kootenay Pass 4-23-5-5W5
10013690

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
8840	.04	.40	.15	454	.06	.09	.01	225	25
8870	.03	1.00	.01	0	.01	.00	.01	0	33
8900	.25	.14	1.11	450	.16	.95	.01	380	4
8930	.01	1.00	.01	0	.01	.00	.01	0	100
8960	.01	1.00	.03	0	.03	.00	.68	0	6800
8990	.02	1.00	.02	0	.02	.00	.01	0	50
9020	.02	.50	.02	0	.01	.01	.01	50	50
9050	.01	1.00	.01	0	.01	.00	.01	0	100
9080	.04	.67	.06	427	.04	.02	.01	50	25
9110	.41	.28	.67	450	.19	.48	.01	117	2
9140	.03	1.00	.03	0	.03	.00	.01	0	33
9170	.09	.70	.10	375	.07	.03	.01	33	11
9200	.01	.50	.02	449	.01	.01	.01	100	100
9230	.21	.27	.41	441	.11	.30	.03	142	14
9260	.01	1.00	.03	0	.03	.00	.01	0	100
9290	.01	.00	.01	0	.00	.01	.01	100	100
9320	.01	.50	.02	330	.01	.01	.01	100	100
9350	.01	1.00	.02	0	.02	.00	.01	0	100
9380	.02	.67	.06	318	.04	.02	.01	100	50
9410	.01	.60	.05	323	.03	.02	.01	200	100
9440	.01	1.00	.02	0	.02	.00	.01	0	100
9470	.42	.18	1.51	448	.27	1.24	.01	295	2
9500	.01	.60	.05	0	.03	.02	.01	200	100
9530	.01	1.00	.01	0	.01	.00	.01	0	100
9560	.03	.44	.09	371	.04	.05	.01	166	33
9590	.01	1.00	.01	0	.01	.00	.01	0	100
9620	.33	.09	1.95	448	.18	1.77	.01	536	3
9650	.09	.06	.31	453	.02	.29	.01	322	11
9680	.01	1.00	.03	0	.03	.00	.01	0	100
9710	.04	.21	.19	450	.04	.15	.01	375	25
9740	.02	1.00	.02	0	.02	.00	.01	0	50
9770	.01	.00	.01	0	.00	.01	.01	100	100
9800	.01	.00	.01	0	.00	.01	.01	100	100
9830	.01	.50	.04	423	.02	.02	.01	200	100
9860	.01	.00	.01	0	.00	.01	.01	100	100
9890	.16	.05	.62	450	.03	.59	.01	368	6
9920	.01	.00	.01	0	.00	.01	.01	100	100
9950	.06	.38	.13	458	.05	.08	.01	133	16

Shell N Kootenay Pass 4-23-5-5W5
10013690

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
9980	.04	.25	.24	446	.06	.18	.01	450	25
10010	.01	.50	.02	350	.01	.01	.01	100	100
10040	.01	1.00	.01	0	.01	.00	.01	0	100
10070	.02	.75	.04	369	.03	.01	.01	50	50
10100	.01	.67	.03	450	.02	.01	.01	100	100
10130	.16	.23	.22	454	.05	.17	.01	106	6
10160	.05	.20	.15	451	.03	.12	.01	240	20
10190	.11	.08	.60	447	.05	.55	.01	499	9
10220	.01	.60	.05	426	.03	.02	.01	200	100
10250	.07	.19	.32	456	.06	.26	.01	371	14
10280	.74	.06	5.25	449	.31	4.94	.01	667	1
10310	.01	.60	.05	0	.03	.02	.01	200	100
10340	.01	.00	.01	0	.00	.01	.01	100	100
10370	.01	.50	.02	0	.01	.01	.01	100	100
10400	.01	1.00	.01	0	.01	.00	.01	0	100
10430	.03	.33	.15	449	.05	.10	.01	333	33
10460	.02	.15	.33	444	.05	.28	.01	1399	50
10490	.07	.14	.14	459	.02	.12	.17	171	242
10520	.10	.30	.33	375	.10	.23	.14	230	140
10550	.01	.57	.07	388	.04	.03	.01	300	100
10580	.01	1.00	.03	0	.03	.00	.01	0	100
10610	.02	.00	.01	0	.00	.01	.01	50	50
10640	.04	.38	.08	460	.03	.05	.01	125	25
10670	.01	.80	.10	313	.08	.02	.01	200	100
10700	.01	.67	.03	375	.02	.01	.01	100	100
10730	.08	1.00	.05	0	.05	.00	.29	0	362
10760	.27	.20	1.71	448	.34	1.37	.01	507	3
10790	.17	.37	.43	455	.16	.27	.01	158	5
10810	.13	.70	.20	442	.14	.06	.01	46	7
10850	.09	.47	.19	407	.09	.10	.01	111	11
10880	.06	.67	.09	358	.06	.03	.01	50	16
10910	.04	1.00	.03	0	.03	.00	.01	0	25
10940	.10	.50	.14	417	.07	.07	.01	70	10
10970	.01	1.00	.01	0	.01	.00	.01	0	100
11000	.44	.50	.96	454	.48	.48	.01	109	2
11030	.68	.39	1.16	453	.45	.71	.01	104	1
11060	.45	.20	1.33	462	.27	1.06	.01	235	2
11090	.58	.24	1.16	464	.28	.88	.01	151	1

Shell N Kootenay Pass 4-23-5-5W5

10013690

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
11120	.58	.23	1.60	465	.37	1.23	.01	212	1
11150	.68	.17	1.57	465	.26	1.31	.08	192	11
11180	.49	.18	1.19	469	.21	.98	.17	200	34
11210	.63	.24	1.31	464	.31	1.00	.05	158	7
11240	.33	.23	.86	469	.20	.66	.06	200	18
11270	.34	.25	.69	467	.17	.52	.01	152	2
11300	.55	.24	1.27	465	.30	.97	.08	176	14
11330	.64	.23	1.51	467	.34	1.17	.15	182	23
11360	.55	.17	2.16	455	.36	1.80	.13	327	23
11390	.44	.11	1.93	454	.21	1.72	.10	390	22
11420	.49	.28	1.08	467	.30	.78	.11	159	22
11450	.46	.22	1.33	463	.29	1.04	.18	226	39
11480	.82	.02	5.06	453	.12	4.94	.24	602	29
11510	.44	.29	1.06	463	.31	.75	.08	170	18
11540	.59	.26	1.17	454	.30	.87	.10	147	16
11570	.54	.19	1.57	457	.30	1.27	.10	235	18
11600	.47	.36	.94	466	.34	.60	.20	127	42
11630	.63	.26	1.73	465	.45	1.28	.74	203	117
11660	.21	.15	1.68	446	.26	1.42	.23	676	109
11690	.55	.12	1.65	456	.20	1.45	.04	263	7
11720	.45	.30	1.33	466	.40	.93	.05	206	11
11750	.13	.19	.36	471	.07	.29	.01	223	7
11780	.39	.24	.86	461	.21	.65	.30	166	76
11810	.32	.24	.78	458	.19	.59	.06	184	18
11840	.48	.17	2.03	450	.35	1.68	.06	350	12
11870	.24	.27	.48	469	.13	.35	.10	145	41
11900	.20	.30	.44	464	.13	.31	.01	155	5
11930	.18	.31	.51	473	.16	.35	.03	194	16
11960	.18	.29	.41	478	.12	.29	.03	161	16
11990	.35	.17	1.13	454	.19	.94	.11	268	31
12020	.28	.30	.47	466	.14	.33	.04	117	14
12050	.41	.26	1.04	466	.27	.77	.04	187	9
12080	.27	.33	.57	470	.19	.38	.01	140	3
12110	.18	.24	.58	458	.14	.44	.04	244	22
12140	.41	.19	1.56	468	.29	1.27	.05	309	12
12170	.24	.30	.54	463	.16	.38	.04	158	16
12200	.26	.35	.78	465	.27	.51	.05	196	19
12230	.12	.37	.43	461	.16	.27	.03	225	25

Shell N Kootenay Pass 4-23-5-5W5

10013690

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
12260	.23	.33	.48	470	.16	.32	.02	139	8
12290	.07	.67	.12	375	.08	.04	.04	57	57
12320	.05	.50	.06	462	.03	.03	.02	60	40
12350	.32	.15	1.05	450	.16	.89	.06	278	18
12380	.10	.61	.18	457	.11	.07	.04	70	40
12410	.22	.34	.47	470	.16	.31	.09	140	40
12440	.06	.63	.16	423	.10	.06	.10	100	166
12470	.24	.19	.69	447	.13	.56	.44	233	183
12500	.05	.56	.09	388	.05	.04	.01	80	20
12530	.07	.31	.13	471	.04	.09	.01	128	14
12560	.04	.00	.09	474	.00	.09	.01	225	25
12590	.27	.14	.74	447	.10	.64	.11	237	40
12620	.69	.04	4.09	450	.17	3.92	.10	568	14
12650	.30	.18	.57	454	.10	.47	.02	156	6
12680	.06	.22	.09	472	.02	.07	.01	116	16
12710	.18	.21	.42	461	.09	.33	.02	183	11
12740	.38	.33	.73	466	.24	.49	.08	128	21
12770	.18	.46	.24	473	.11	.13	.04	72	22
12810	.09	.83	.06	445	.05	.01	.03	11	33
12840	.15	.35	.23	455	.08	.15	.06	100	40
12870	.16	.24	.29	454	.07	.22	.01	137	6
12900	.06	.80	.05	343	.04	.01	.05	16	83
12930	.04	.75	.04	0	.03	.01	.01	25	25
12960	.11	.57	.07	408	.04	.03	.01	27	9
12990	.12	.43	.14	464	.06	.08	.01	66	8
13020	.04	.50	.06	472	.03	.03	.05	75	125
13050	.19	.20	.46	467	.09	.37	.02	194	10
13080	.12	.50	.18	462	.09	.09	.02	75	16
13110	.01	.00	.01	0	.00	.01	.01	100	100
13140	.04	.40	.05	414	.02	.03	.04	75	100
13170	.14	.42	.19	466	.08	.11	.03	78	21
13200	.02	1.00	.02	0	.02	.00	.04	0	200
13230	.12	.17	.35	462	.06	.29	.09	241	75
13260	.52	.86	5.50	416	4.72	.78	.24	150	46
13290	.38	.22	.81	464	.18	.63	.07	165	18
13320	.15	.21	.33	444	.07	.26	.04	173	26
13350	.24	.21	.47	464	.10	.37	.02	154	8
13380	.12	.33	.21	464	.07	.14	.03	116	25

Shell N Kootenay Pass 4-23-5-5W5

10013690

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***

13410	.08	.28	.18	462	.05	.13	.07	162	87
13440	.27	.22	.76	463	.17	.59	.08	218	29
13470	.18	.35	.52	459	.18	.34	.10	188	55
13500	.10	.30	.30	469	.09	.21	.01	210	10
13530	.01	.00	.01	0	.00	.01	.01	100	100
13560	.06	.50	.14	464	.07	.07	.07	116	116
13590	.09	.16	.25	471	.04	.21	.04	233	44
13620	.01	.00	.01	0	.00	.01	.05	100	500
13650	.05	.00	.01	0	.00	.01	.07	20	140
13690	.06	.60	.05	422	.03	.02	.09	33	150
Cambrian System				-10F					
Precambrian System				-260					
Fault				-3528					
Livingstone				-3528					
Mount Head Fm.				-3894					
Etherington Fm.				-4396					
Rocky Mtn Grp.				-4995					
Triassic System				-5518					
Rocky Creek Mbr.				-5570					
Ferne Grp.				-5607					
Rock Creek Mbr.				-6375					
Triassic System				-6522					
Rocky Mtn Grp.				-6538					
Etherington Grp.				-7004					
Mount Head Grp.				-7594					
Fault				-8015					
Etherington Grp.				-8015					
Mount Head Grp.				-8753					
Livingstone Grp.				-9680					
Banff Fm.				-10660					
Fault				-10941					
Livingstone Fm.				-10942					
Fault				-11002					
Ferne Grp.				-11002					
Rocky Mtn Grp.				-11433					
Etherington Fm.				-11783					
Mount Head Grp.				-12194					
Livingstone Fm.				-12990					

Chevron Cdn Waterton 16-5-6-1W5

2200 5020

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
2200M	.58	.40	.80	451	.32	.48	.07	82	12
2210	.72	.41	.92	456	.38	.54	.20	75	27
2220	.84	.43	1.28	455	.55	.73	.16	86	19
2230	.96	.47	1.74	449	.81	.93	.35	96	36
2240	.91	.53	1.63	452	.87	.76	.26	83	28
2250	.84	.49	2.12	448	1.04	1.08	.30	128	35
2260	.70	.53	1.56	453	.83	.73	.14	104	19
2270	.76	.48	1.41	454	.68	.73	.16	96	21
2280	.75	.45	1.73	453	.78	.95	.18	126	24
2290	.69	.41	1.60	452	.65	.95	.18	137	26
2300	.71	.37	1.64	456	.61	1.03	.12	145	16
2310	.61	.36	1.31	454	.47	.84	.09	137	14
2320	.63	.38	1.30	455	.50	.80	.18	126	28
2330	.87	.31	2.59	453	.81	1.78	.18	204	20
2340	.77	.27	2.10	455	.57	1.53	.17	198	22
2350	.92	.30	2.79	452	.85	1.94	.18	210	19
2360	.90	.30	2.37	452	.71	1.66	.19	184	21
2370	.85	.42	2.17	456	.92	1.25	.19	147	22
2380	.86	.45	2.17	455	.97	1.20	.17	139	19
2390	.92	.39	2.37	453	.92	1.45	.26	157	28
2400	.98	.26	2.49	448	.65	1.84	.20	187	20
2410	1.37	.21	5.75	447	1.22	4.53	.30	330	21
2420	.84	.27	2.05	456	.56	1.49	.16	177	19
2430	.88	.27	1.82	452	.49	1.33	.13	151	14
2440	.85	.29	1.94	455	.57	1.37	.17	161	20
2450	.91	.28	2.64	453	.75	1.89	.17	207	18
2460	.79	.34	1.58	453	.53	1.05	.14	132	17
2470	.70	.31	1.44	449	.45	.99	.18	141	25
2480	.81	.37	1.97	454	.72	1.25	.19	154	23
2490	.56	.38	.85	457	.32	.53	.10	94	17
2500	.83	.25	1.54	447	.39	1.15	.13	138	15
2510	.63	.29	.83	456	.24	.59	.06	93	9
2520	.61	.33	.67	455	.22	.45	.13	73	21
2530	.67	.37	.38	460	.14	.24	.04	35	5
2540	.75	.30	1.02	450	.31	.71	.22	94	29
2550	.69	.20	.59	458	.12	.47	.10	68	14
2560	.76	.24	.75	449	.18	.57	.14	75	18
2570	.68	.26	.58	457	.15	.43	.11	63	16
2580	.73	.30	.40	449	.12	.28	.46	38	63

Chevron Cdn Waterton 16-5-6-1W5

2200 5020

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
2590	.63	.27	.71	457	.19	.52	.64	82	101
2600	.67	.30	.64	457	.19	.45	.55	67	82
2610	.68	.32	.56	454	.18	.38	.56	55	82
2620	.74	.26	.66	462	.17	.49	.73	66	98
2630	.91	.20	1.14	457	.23	.91	.80	100	87
2640	1.26	.12	1.81	456	.21	1.60	1.01	126	80
2650	1.42	.15	3.30	455	.50	2.80	1.37	197	96
2660	1.79	.12	3.47	455	.40	3.07	1.13	171	63
2670	1.62	.12	2.99	454	.35	2.64	.68	162	41
2680	1.14	.17	2.04	453	.35	1.69	.41	148	35
2690	1.33	.12	2.45	457	.30	2.15	.28	161	21
2700	1.17	.17	3.02	456	.50	2.52	.37	215	31
2710	.94	.18	2.19	456	.40	1.79	.23	190	24
2720	.95	.18	2.60	452	.47	2.13	.26	224	27
2730	.88	.19	1.09	459	.21	.88	.19	100	21
2740	.87	.29	1.85	460	.53	1.32	.33	151	37
2750	.90	.23	1.88	458	.44	1.44	.28	160	31
2760	.83	.37	1.56	459	.57	.99	.33	119	39
2770	.67	.40	1.44	457	.57	.87	.24	129	35
2780	.86	.25	1.54	460	.38	1.16	.27	134	31
2790	.96	.34	2.30	462	.78	1.52	.29	158	30
2810	1.47	.12	3.07	458	.38	2.69	.38	182	25
2820	1.85	.20	5.87	455	1.18	4.69	.70	253	37
2830	1.21	.21	3.63	457	.77	2.86	.41	236	33
2840	.82	.32	1.71	456	.55	1.16	.28	141	34
2850	1.04	.23	2.80	458	.64	2.16	.32	207	30
2860	.92	.26	3.34	458	.87	2.47	.33	268	35
2870	.80	.26	2.76	456	.72	2.04	.27	255	33
2880	.44	.31	.81	458	.25	.56	.09	127	20
2890	.34	.38	.60	460	.23	.37	.09	108	26
2900	.53	.38	1.15	458	.44	.71	.18	133	33
2910	.49	.39	.80	460	.31	.49	.12	100	24
2920	.73	.36	1.76	456	.63	1.13	.20	154	27
2930	.34	.52	.40	461	.21	.19	.08	55	23
2940	.46	.33	.42	455	.14	.28	.10	60	21
2950	.34	.43	.37	457	.16	.21	.06	61	17
2960	.45	.39	.71	453	.28	.43	.13	95	28
2970	.68	.21	.82	454	.17	.65	.07	95	10
2980	.65	.32	1.14	454	.36	.78	.18	120	27

Chevron Cdn Waterton 16-5-6-1W5

2200 5020

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
2990	.38	.37	.60	452	.22	.38	.13	100	34
3000	.37	.41	.41	452	.17	.24	.07	64	18
3010	.44	.41	.61	454	.25	.36	.14	81	31
3020	.43	.30	.40	457	.12	.28	.05	65	11
3030	.58	.35	.79	456	.28	.51	.11	87	18
3040	.38	.47	.58	456	.27	.31	.11	81	28
3050	.29	.50	.38	455	.19	.19	.09	65	31
3060	.55	.25	.77	456	.19	.58	.08	105	14
3070	.28	.47	.32	459	.15	.17	.07	60	25
3070	.42	.37	.63	473	.23	.40	.08	95	19
3080	.61	.35	.51	445	.18	.33	.17	54	27
3090	.32	.38	.32	485	.12	.20	.13	62	40
3100	.22	.46	.13	340	.06	.07	.07	31	31
3110	.15	.87	.08	332	.07	.01	.05	6	33
3120	.12	1.00	.02	0	.02	.00	.04	0	33
3130	.16	1.00	.07	0	.07	.00	.04	0	25
3140	.12	1.00	.05	0	.05	.00	.09	0	75
3150	.38	.63	.16	447	.10	.06	.26	15	68
3160	.73	.68	.22	395	.15	.07	.07	9	9
3170	.35	1.00	.18	0	.18	.00	.08	0	22
3180	.32	1.00	.21	0	.21	.00	.08	0	25
3190	.37	.47	.15	407	.07	.08	.12	21	32
3200	.44	.50	.28	447	.14	.14	.14	31	31
3210	.28	1.00	.19	0	.19	.00	.11	0	39
3220	.28	1.00	.13	0	.13	.00	.09	0	32
3230	.39	.79	.24	333	.19	.05	.13	12	33
3240	.39	.46	.28	439	.13	.15	.16	38	41
3250	.56	.38	.39	443	.15	.24	.15	42	26
3260	.42	.35	.26	473	.09	.17	.13	40	30
3270	.39	.90	.10	325	.09	.01	.08	2	20
3280	.60	1.00	.14	0	.14	.00	.24	0	40
3290	.31	.43	.07	400	.03	.04	.15	12	48
3300	.64	.47	.57	443	.27	.30	.36	46	56
3310	.25	1.00	.17	0	.17	.00	.13	0	52
3320	.27	.87	.15	0	.13	.02	.16	7	59
3330	.11	1.00	.08	0	.08	.00	.14	0	127
3340	.16	1.00	.24	0	.24	.00	.20	0	125
3350	.26	.68	.28	437	.19	.09	.21	34	80
3360	.26	.95	.20	0	.19	.01	.26	3	100

Chevron Cdn Waterton 16-5-6-1W5

2200 5020

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
3370	.25	.72	.18	358	.13	.05	.24	20	96
3380	.17	.55	.11	445	.06	.05	.21	29	123
3390	.38	.13	.62	439	.08	.54	.45	142	118
3400	5.79	.04	6.15	462	.26	5.89	1.20	101	20
3410	2.81	.04	7.20	447	.29	6.91	1.49	245	53
3420	.31	.30	.27	452	.08	.19	.11	61	35
3430	1.12	.24	2.51	442	.59	1.92	.55	171	49
3440	.81	.24	2.76	441	.67	2.09	.41	258	50
3450	3.20	.31	23.82	432	7.43	16.39	.62	512	19
3460	15.18	.24	84.26	438	20.00	64.26	3.03	423	19
3470	16.33	.39	126.30	442	49.04	77.26	12.87	473	78
3480	.75	.99	1.48	328	1.47	.01	.57	1	76
3490	2.94	.94	13.51	331	12.75	.76	1.28	25	43
3500	1.99	.37	11.61	438	4.32	7.29	1.19	366	59
3510	1.02	.29	3.07	446	.90	2.17	.61	212	59
3520	.86	1.00	.41	0	.41	.00	.42	0	48
3530	.92	.33	.97	447	.32	.65	.41	70	44
3540	.94	1.00	.27	0	.27	.00	.41	0	43
3550	.66	.39	.74	459	.29	.45	.06	68	9
3560	1.01	.16	1.60	446	.26	1.34	.51	132	50
3570	.51	.71	.41	492	.29	.12	.10	23	19
3580	.65	.95	.63	421	.60	.03	.55	4	84
3590	.43	.68	.47	482	.32	.15	.19	34	44
3600	.79	.57	1.48	456	.85	.63	.27	79	34
3610	.90	.44	2.52	443	1.12	1.40	.34	155	37
3620	.70	.53	1.54	460	.81	.73	.17	104	24
3630	.69	.53	2.36	460	1.26	1.10	.15	159	21
3640	.53	.56	1.05	465	.59	.46	.11	86	20
3650	.10	.44	1.30	461	.57	.73	.13	730	130
3660	.75	.39	1.08	462	.42	.66	.10	88	13
3670	.58	.28	.71	466	.20	.51	.09	87	15
3680	.85	.31	1.14	460	.35	.79	.12	92	14
3690	.74	.41	1.19	463	.49	.70	.10	94	13
3700	.79	.37	.79	469	.29	.50	.08	63	10
3710	.62	.37	1.24	470	.46	.78	.17	125	27
3720	1.01	.48	3.95	410	1.89	2.06	.46	203	45
3730	.95	.23	1.16	469	.27	.89	.12	93	12
3740	.83	.27	1.18	469	.32	.86	.11	103	13
3750	.47	.40	.81	474	.32	.49	.12	104	25

Chevron Cdn Waterton 16-5-6-1W5

2200 5020

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
3760	.48	.30	.86	471	.26	.60	.07	125	14
3780	.49	.34	.50	474	.17	.33	.11	67	22
3790	.44	.39	.57	476	.22	.35	.07	79	15
3800	.32	.43	.40	477	.17	.23	.05	71	15
3810	.59	.44	.77	473	.34	.43	.14	72	23
3820	.38	.52	.61	474	.32	.29	.13	76	34
3830	.66	.42	1.18	467	.50	.68	.13	103	19
3840	.46	.44	.36	468	.16	.20	.04	43	8
3850	.39	.31	.32	467	.10	.22	.05	56	12
3860	.31	.42	.45	470	.19	.26	.05	83	16
3870	.50	.36	.58	464	.21	.37	.05	74	10
3880	.49	.54	.37	480	.20	.17	.02	34	4
3890	.37	1.00	.16	0	.16	.00	.01	0	2
3900	.27	.48	.23	454	.11	.12	.02	44	7
3910	.28	.42	.31	474	.13	.18	.01	64	3
3920	.45	.49	.39	489	.19	.20	.08	44	17
3930	.35	.35	.34	480	.12	.22	.09	62	25
3940	.24	.70	.23	441	.16	.07	.08	29	33
3950	.14	1.00	.17	0	.17	.00	.01	0	7
3960	.13	1.00	.22	0	.22	.00	.03	0	23
3970	.44	.94	.17	350	.16	.01	.01	2	2
3980	.34	1.00	.16	0	.16	.00	.02	0	5
3990	.25	1.00	.12	0	.12	.00	.01	0	4
4000	.15	1.00	.12	0	.12	.00	.01	0	6
4010	.27	.92	.12	334	.11	.01	.01	3	3
4020	.34	.67	.12	362	.08	.04	.01	11	2
4030	.32	1.00	.11	0	.11	.00	.02	0	6
4040	.17	.87	.16	339	.14	.02	.01	11	5
4050	.22	.91	.11	0	.10	.01	.01	4	4
4060	.30	.63	.19	384	.12	.07	.02	23	6
4070	1.46	.08	1.30	470	.11	1.19	.05	81	3
4080	.13	1.00	.11	0	.11	.00	1.00	0	769
4090	.15	.73	.15	338	.11	.04	.02	26	13
4100	.19	.76	.21	377	.16	.05	.02	26	10
4110	.17	1.00	.07	0	.07	.00	.01	0	5
4120	.44	.33	.30	485	.10	.20	.01	45	2
4130	.25	1.00	.10	0	.10	.00	.01	0	4
4140	.31	.74	.19	396	.14	.05	.01	16	3
4150	.27	.61	.18	425	.11	.07	.01	25	3

Chevron Cdn Waterton 16-5-6-1W5

2200 5020

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
4160	.45	.44	.59	473	.26	.33	.01	73	2
4170	1.30	.15	1.16	473	.17	.99	.03	76	2
4180	.19	1.00	.08	0	.08	.00	.01	0	5
4190	.27	1.00	.12	0	.12	.00	.01	0	3
4200	.23	.64	.14	432	.09	.05	.04	21	17
4210	.34	.57	.23	473	.13	.10	.02	29	5
4220	.29	.52	.21	474	.11	.10	.09	34	31
4250	6.86	.06	23.87	474	1.40	22.47	.32	327	4
4260	1.70	.12	2.70	479	.32	2.38	.12	140	7
4270	1.18	.14	1.59	488	.22	1.37	.09	116	7
4280	2.09	.12	1.62	500	.19	1.43	.09	68	4
4290	1.19	.52	.63	531	.33	.30	.05	25	4
4300	1.55	.18	1.44	497	.26	1.18	.07	76	4
4310	1.57	.05	3.08	497	.15	2.93	.07	186	4
4320	.96	.39	1.08	491	.42	.66	.07	68	7
4330	1.00	.46	.61	509	.28	.33	.07	33	6
4340	.72	.51	.70	498	.36	.34	.02	47	2
4350	.79	.18	.65	477	.12	.53	.01	67	1
4360	.53	.40	.52	492	.21	.31	.03	58	5
4370	.87	.37	.65	481	.24	.41	.03	47	3
4380	.54	.39	.66	485	.26	.40	.04	74	7
4390	.43	.33	.15	478	.05	.10	.01	23	2
4400	.48	.19	.27	522	.05	.22	.05	45	10
4410	.14	.61	.18	436	.11	.07	.02	50	14
4420	.27	.40	.20	464	.08	.12	.01	44	3
4440	.16	1.00	.04	0	.04	.00	.01	0	6
4450	.19	.80	.10	323	.08	.02	.03	10	15
4460	.09	.44	.09	468	.04	.05	.07	55	77
4470	.62	.52	.88	489	.46	.42	.06	67	9
4480	.15	1.00	.06	0	.06	.00	.02	0	13
4490	.28	.43	.28	485	.12	.16	.01	57	3
4500	.18	.58	.19	450	.11	.08	.02	44	11
4510	.14	.70	.10	0	.07	.03	.01	21	7
4520	.11	1.00	.03	0	.03	.00	.01	0	9
4530	.07	1.00	.03	0	.03	.00	.02	0	28
4540	.20	.65	.17	379	.11	.06	.02	30	10
4560	.38	.50	.70	475	.35	.35	.04	92	10
4570	.28	.60	.48	430	.29	.19	.03	67	10
4580	.29	.43	.44	482	.19	.25	.01	86	3

Chevron Cdn Waterton 16-5-6-1W5

2200 5020

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
4590	.31	.45	.44	477	.20	.24	.01	77	3
4600	.19	.58	.57	405	.33	.24	.16	126	84
4610	.15	.72	.32	355	.23	.09	.12	60	80
4620	.13	.89	.19	0	.17	.02	.20	15	153
4630	1.65	.75	14.52	338	10.89	3.63	.67	220	40
4640	.30	.66	1.66	382	1.10	.56	.38	186	126
4650	.32	.62	1.38	393	.86	.52	.38	162	118
4660	1.15	.65	3.75	408	2.44	1.31	.46	113	40
4670	.32	.54	.48	422	.26	.22	.21	68	65
4680	.85	.63	3.08	394	1.94	1.14	.84	134	98
4690	.05	.53	.19	399	.10	.09	.04	180	80
4700	.30	.57	.90	393	.51	.39	.36	130	120
4710	.09	.80	.10	349	.08	.02	.05	22	55
4720	.15	.80	.56	358	.45	.11	.20	73	133
4730	.01	1.00	.01	0	.01	.00	.01	0	100
4740	.01	1.00	.01	0	.01	.00	.01	0	100
4750	.05	1.00	.03	0	.03	.00	.01	0	20
4760	.17	1.00	.14	0	.14	.00	.05	0	29
4770	.02	1.00	.01	0	.01	.00	.01	0	50
4780	.02	.00	.01	0	.00	.01	.01	50	50
4790	.15	.57	.14	373	.08	.06	.48	40	320
4800	.05	1.00	.04	0	.04	.00	.14	0	280
4810	.06	1.00	.04	0	.04	.00	.04	0	66
4820	.05	1.00	.01	0	.01	.00	.01	0	20
4830	.13	1.00	.11	0	.11	.00	.07	0	53
4840	.48	.71	.42	393	.30	.12	.07	25	14
4840	.25	1.00	.12	0	.12	.00	.06	0	24
4850	.45	.85	.47	321	.40	.07	.05	15	11
4870	.62	.73	.59	363	.43	.16	.14	25	22
4880	.72	.72	.50	418	.36	.14	.11	19	15
4890	.77	.71	.63	382	.45	.18	.13	23	16
4900	.69	.77	.66	353	.51	.15	.11	21	15
4910	.69	.94	.18	376	.17	.01	.07	1	10
4920	.66	.87	.31	301	.27	.04	.09	6	13
4930	.48	.95	.22	347	.21	.01	.02	2	4
4940	.25	1.00	.03	0	.03	.00	.01	0	4
4950	.33	.50	.16	362	.08	.08	.04	24	12
4960	.25	.50	.12	303	.06	.06	.03	24	12
4970	.31	.62	.13	336	.08	.05	.07	16	22

Chevron Cdn Waterton 16-5-6-1W5

2200 5020

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	*****	*****	*****	*****	*****	*****	***	***

4980	.14	1.00	.01	0	.01	.00	.08	0	57
4990	.15	1.00	.01	0	.01	.00	.04	0	26
5000	.13	.00	.01	0	.00	.01	.08	7	61
5010	.11	.00	.01	0	.00	.01	.12	9	109
5020	.11	1.00	.01	0	.01	.00	.11	0	100

Belly River Grp
 Wapiabi Fm
 Cardium Fm
 Cardium Ss
 Wapiabi Fm
 Cardium Fm
 Cardium Ss
 Blackstone Fm
 Second White Specks
 Wapiabi Fm
 Cardium Fm
 Cardium Ss
 Cardium Fm
 Cardium Ss
 Blackstone Fm
 Second White Specks
 Blackstone Fm
 Second White Specks
 Blackstone Fm
 Second White Specks
 Crowsnest Vol
 Blairmore Grp
 Dalhousie Cgl
 Kootenay Grp
 Blackstone Fm
 Second White Specks
 Crowsnest Vol
 Blairmore Grp
 Dalhousie Cgl
 Kootenay Grp
 Mount Heed Fm
 Turner Valley Fm
 Shunda Fm
 Pekisko Fm

-727M
 -1397
 -2081
 -2104
 -2137
 -2169
 -2198
 -2232
 -2304
 -2323
 -2443
 -2467
 -2494
 -2513
 -2544
 -2611
 -2661
 -2675
 -2716
 -2784
 -2864
 -2874
 -3376
 -3389
 -3420
 -3657
 -3738
 -3745
 -4057
 -4081
 -4372
 -4437
 -4622
 -4716

Chevron Cdn Waterton 16-5-6-1W5

2200 5020

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***

Banff Fm	-4786
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Exshaw Fm	-4896
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Calstan C&E Cow Creek 6-30-8-1W5

014900 300 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
150F	.05	1.00	.05	0	.05	.00	.03	0	60
170	.07	.87	.15	0	.13	.02	.01	28	14
200	.08	.80	.15	0	.12	.03	.03	37	37
230	.05	.87	.08	0	.07	.01	.01	20	20
260	.08	.73	.11	0	.08	.03	.03	37	37
290	.12	.69	.13	321	.09	.04	.03	33	25
320	.10	.71	.14	0	.10	.04	.03	40	30
350	.14	.70	.20	323	.14	.06	.07	42	50
380	.17	.52	.23	369	.12	.11	.05	64	29
410	.27	.62	.29	379	.18	.11	.05	40	18
440	.24	.69	.16	306	.11	.05	.02	20	8
470	.20	.63	.16	323	.10	.06	.08	30	40
500	.20	.67	.18	0	.12	.06	.08	30	40
530	.12	1.00	.06	0	.06	.00	.03	0	25
560	.09	.64	.14	0	.09	.05	.03	55	33
590	.25	.55	.22	344	.12	.10	.09	40	36
620	.11	.70	.10	407	.07	.03	.06	27	54
650	.35	.42	.26	428	.11	.15	.08	42	22
680	.16	.92	.13	0	.12	.01	.01	6	6
710	.11	.67	.21	324	.14	.07	.08	63	72
740	.07	1.00	.04	0	.04	.00	.01	0	14
770	.03	.80	.05	0	.04	.01	.01	33	33
800	.12	.86	.07	0	.06	.01	.01	8	8
830	.06	1.00	.03	0	.03	.00	.01	0	16
860	.17	.45	.11	348	.05	.06	.05	35	29
890	.24	.35	.20	425	.07	.13	.05	54	20
920	.21	.67	.30	351	.20	.10	.04	47	19
950	.15	.67	.09	0	.06	.03	.04	20	26
980	.16	.60	.15	347	.09	.06	.08	37	50
1010	.68	.19	.57	434	.11	.46	.18	67	26
1040	.91	.10	.87	435	.09	.78	.17	85	18
1070	.19	.36	.33	416	.12	.21	.12	110	63
1100	.08	.60	.05	353	.03	.02	.04	25	50
1130	.06	.71	.07	448	.05	.02	.04	33	66
1160	.36	.21	.38	434	.08	.30	.06	83	16
1190	.11	.59	.27	365	.16	.11	.09	100	81
1220	.14	.36	.22	398	.08	.14	.31	100	221
1250	.06	1.00	.03	0	.03	.00	.01	0	16
1280	.09	.43	.07	0	.03	.04	.04	44	44

Calstan C&E Cow Creek 6-30-8-1W5

014900 300 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
1310	.12	.71	.07	420	.05	.02	.08	16	66
1340	.15	.42	.19	423	.08	.11	.05	73	33
1370	.35	.21	.28	442	.06	.22	.11	62	31
1400	.18	.31	.16	434	.05	.11	.04	61	22
1430	.12	.71	.07	454	.05	.02	.01	16	8
1460	.50	.31	.29	439	.09	.20	.11	40	22
1490	.10	.60	.10	317	.06	.04	.08	40	80
1520	.19	.71	.07	342	.05	.02	.05	10	26
1550	.34	.41	.34	427	.14	.20	.26	58	76
1580	.70	.35	.52	434	.18	.34	.30	48	42
1610	.17	.41	.27	409	.11	.16	.27	94	158
1640	.08	.47	.19	412	.09	.10	.28	125	349
1670	.33	.35	.62	438	.22	.40	.25	121	75
1700	.12	.65	.26	349	.17	.09	.05	75	41
1730	.08	.83	.23	307	.19	.04	.03	50	37
1760	.21	.44	.25	428	.11	.14	.04	66	19
1790	.26	.62	.45	378	.28	.17	.20	65	76
1820	.21	.83	.12	0	.10	.02	.12	9	57
1850	.15	.68	.31	358	.21	.10	.24	66	160
1880	.22	.64	.33	386	.21	.12	.29	54	131
1910	.16	.78	.23	330	.18	.05	.18	31	112
1940	.14	.78	.09	357	.07	.02	.16	14	114
1970	.22	.82	.11	416	.09	.02	.20	9	90
2000	.06	1.00	.05	0	.05	.00	.01	0	16
2030	.31	.49	.41	431	.20	.21	.20	67	64
2060	.16	.80	.10	0	.08	.02	.09	12	56
2090	.22	.75	.08	0	.06	.02	.06	9	27
2120	.10	1.00	.06	0	.06	.00	.12	0	120
2150	.10	1.00	.03	0	.03	.00	.12	0	120
2180	.08	1.00	.08	0	.08	.00	.06	0	75
2210	.22	.43	.28	382	.12	.16	.23	72	104
2240	.21	.89	.09	0	.08	.01	.12	4	57
2270	.22	1.00	.06	0	.06	.00	.05	0	22
2300	.12	.59	.29	381	.17	.12	.12	100	100
2330	.28	.56	.54	366	.30	.24	.28	85	100
2360	.28	.61	.31	369	.19	.12	.25	42	89
2390	.20	.31	.32	397	.10	.22	.19	110	95
2420	.18	.80	.10	0	.08	.02	.04	11	22
2450	.07	1.00	.03	0	.03	.00	.09	0	128

Calstan C&E Cow Creek 6-30-8-1W5

014900 300 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
2480	.25	.86	.14	0	.12	.02	.05	8	20
2510	.11	.87	.08	0	.07	.01	.01	9	9
2540	.11	.80	.10	0	.08	.02	.07	18	63
2570	.19	.67	.15	0	.10	.05	.07	26	36
2600	.10	1.00	.05	0	.05	.00	.02	0	20
2630	.19	.75	.12	0	.09	.03	.06	15	31
2660	.15	.62	.13	317	.08	.05	.09	33	60
2690	.13	.62	.13	332	.08	.05	.06	38	46
2720	.08	.82	.17	0	.14	.03	.06	37	75
2750	.17	.82	.11	0	.09	.02	.05	11	29
2780	.05	1.00	.05	0	.05	.00	.01	0	20
2810	.07	.83	.06	366	.05	.01	.03	14	42
2840	.07	.69	.13	0	.09	.04	.03	57	42
2870	.03	1.00	.02	0	.02	.00	.01	0	33
2900	.13	1.00	.11	0	.11	.00	.03	0	23
2930	2.51	.15	1.56	442	.23	1.33	.51	52	20
2960	.08	.89	.09	0	.08	.01	.01	12	12
2990	.13	.63	.16	321	.10	.06	.04	46	30
3020	.20	.64	.22	301	.14	.08	.11	40	55
3050	.15	.87	.23	0	.20	.03	.07	20	46
3080	.19	1.00	.08	0	.08	.00	.04	0	21
3110	.24	.80	.15	335	.12	.03	.03	12	12
3140	.17	.70	.20	396	.14	.06	.07	35	41
3170	.15	.87	.08	422	.07	.01	.07	6	46
3200	.11	.63	.19	350	.12	.07	.02	63	18
3230	.08	.55	.29	373	.16	.13	.10	162	125
3260	.12	.56	.18	353	.10	.08	.04	66	33
3290	.13	1.00	.08	0	.08	.00	.02	0	15
3320	.15	1.00	.09	0	.09	.00	.01	0	6
3350	.14	.56	.16	422	.09	.07	.06	50	42
3380	.31	.34	.38	440	.13	.25	.06	80	19
3410	.15	.67	.21	369	.14	.07	.05	46	33
3440	.19	.37	.70	378	.26	.44	.16	231	84
3470	.17	.41	.22	415	.09	.13	.03	76	17
3500	.12	.71	.21	375	.15	.06	.12	50	100
3530	.20	.59	.37	393	.22	.15	.11	75	55
3560	.11	.70	.20	0	.14	.06	.09	54	81
3590	.22	.59	.17	421	.10	.07	.10	31	45
3620	.15	.61	.23	342	.14	.09	.11	60	73

Calstan C&E Cow Creek 6-30-8-1W5

014900 300 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
3650	.25	.58	.24	372	.14	.10	.12	40	48
3680	.38	.48	.29	452	.14	.15	.09	39	23
3710	.15	1.00	.10	0	.10	.00	.13	0	86
3740	.18	.81	.27	447	.22	.05	.09	27	50
3770	.61	.44	.63	446	.28	.35	.21	57	34
3800	.33	.59	.39	434	.23	.16	.13	48	39
3830	.30	.64	.28	451	.18	.10	.17	33	56
3860	2.55	.08	3.55	446	.30	3.25	.42	127	16
3890	.48	.33	.64	441	.21	.43	.19	89	39
3920	.21	.78	.27	334	.21	.06	.17	28	80
3950	.24	.64	.88	353	.56	.32	.32	133	133
3980	.21	.85	.26	434	.22	.04	.24	19	114
4010	.18	.60	.40	397	.24	.16	.10	88	55
4040	.13	.71	.38	374	.27	.11	.07	84	53
4070	.18	.86	.22	324	.19	.03	.06	16	33
4100	.18	.71	.28	416	.20	.08	.07	44	38
4130	.30	.63	.41	433	.26	.15	.12	50	40
4160	.10	.60	.25	349	.15	.10	.12	100	120
4190	.11	.63	.27	341	.17	.10	.04	90	36
4220	.16	.83	.12	0	.10	.02	.01	12	6
4250	.09	1.00	.15	0	.15	.00	.06	0	66
4280	.18	.74	.27	425	.20	.07	.13	38	72
4310	.18	.55	.53	396	.29	.24	.26	133	144
4340	.27	.50	.38	426	.19	.19	.16	70	59
4370	.25	.68	.28	386	.19	.09	.13	36	52
4400	.66	.27	.91	454	.25	.66	.19	100	28
4430	.65	.29	.91	447	.26	.65	.07	100	10
4460	.29	.57	.46	431	.26	.20	.02	68	6
4490	.14	.82	.38	334	.31	.07	.02	50	14
4520	.21	.68	.28	386	.19	.09	.03	42	14
4550	.19	.69	.29	364	.20	.09	.01	47	5
4580	.14	.62	.29	375	.18	.11	.01	78	7
4610	.16	.96	.27	340	.26	.01	.02	6	12
4640	.30	.88	.40	454	.35	.05	.06	16	20
4670	1.32	.32	1.21	445	.39	.82	.29	62	21
4700	.21	.52	.44	438	.23	.21	.06	100	28
4730	.85	.24	.83	447	.20	.63	.15	74	17
4760	.16	1.00	.22	0	.22	.00	.09	0	56
4790	.19	.61	.49	465	.30	.19	.17	100	89

Calstan C&E Cow Creek 6-30-8-1W5

014900 300 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
4820	.25	.85	.72	329	.61	.11	.14	44	55
4850	.32	.98	.49	333	.48	.01	.18	3	56
4880	.13	.91	.22	432	.20	.02	.02	15	15
4910	.81	.69	.65	473	.45	.20	.32	24	39
4940	.18	1.00	.16	0	.16	.00	.07	0	38
4970	.08	1.00	.17	0	.17	.00	.08	0	100
5000	.38	.54	.41	463	.22	.19	.14	50	36
5030	.23	.54	.39	471	.21	.18	.21	78	91
5060	.73	.42	1.58	445	.67	.91	.36	124	49
5090	.89	.36	1.08	444	.39	.69	.25	77	28
5120	.54	.53	.83	445	.44	.39	.11	72	20
5150	.35	.53	.62	431	.33	.29	.08	82	22
5180	.56	.51	.55	459	.28	.27	.12	48	21
5210	.56	.50	.60	445	.30	.30	.19	53	33
5240	.51	.44	1.03	443	.45	.58	.17	113	33
5270	1.19	.21	2.38	446	.51	1.87	.13	157	10
5300	1.32	.15	2.56	447	.39	2.17	.11	164	8
5330	1.02	.21	1.64	445	.35	1.29	.15	126	14
5360	1.48	.18	1.48	450	.26	1.22	.26	82	17
5390	3.35	.06	3.81	450	.24	3.57	.39	106	11
5410	22.20	.02	51.07	446	.87	50.20	2.10	226	9
5450	4.26	.07	6.07	448	.43	5.64	.56	132	13
5480	4.29	.06	8.21	447	.51	7.70	.42	179	9
5510	30.88	.02	68.05	450	1.68	66.37	2.12	214	6
5540	5.54	.05	15.36	449	.75	14.61	.40	263	7
5570	7.00	.03	35.73	437	1.24	34.49	.92	492	13
5600	4.77	.06	12.10	443	.72	11.38	.85	238	17
5630	6.06	.05	14.97	444	.69	14.28	.71	235	11
5660	2.61	.08	5.53	450	.47	5.06	.30	193	11
5690	11.21	.04	28.18	449	1.24	26.94	.84	240	7
5720	3.87	.05	9.08	446	.47	8.61	.34	222	8
5750	6.96	.04	24.37	441	1.05	23.32	.72	335	10
5780	1.15	.14	1.45	454	.20	1.25	.15	108	13
5810	1.35	.10	2.04	455	.20	1.84	.17	136	12
5840	2.06	.11	3.58	450	.38	3.20	.25	155	12
5870	.95	.15	1.08	461	.16	.92	.13	96	13
5900	1.21	.11	1.74	449	.19	1.55	.26	128	21
5930	2.54	.07	4.17	453	.31	3.86	.33	151	12
5960	1.74	.12	2.66	444	.33	2.33	.26	133	14

Calstan C&E Cow Creek 6-30-8-1W5

014900 300 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
5990	2.12	.07	3.74	446	.27	3.47	.27	163	12
6020	5.17	.02	20.48	435	.44	20.04	.89	387	17
6050	.83	.19	.95	453	.18	.77	.15	92	18
6080	.89	.22	.94	449	.21	.73	.15	82	16
6110	1.17	.16	1.61	450	.26	1.35	.15	115	12
6140	1.03	.29	1.75	448	.51	1.24	.09	120	8
6170	.76	.28	1.00	448	.28	.72	.07	94	9
6200	.46	.34	.58	451	.20	.38	.09	82	19
6230	1.29	.18	2.09	450	.38	1.71	.23	132	17
6260	.93	.16	1.18	449	.19	.99	.20	106	21
6290	1.06	.11	1.36	450	.15	1.21	.09	114	8
6320	1.12	.11	1.51	447	.16	1.35	.15	120	13
6350	2.53	.06	3.67	451	.23	3.44	.24	135	9
6380	.58	.33	.75	447	.25	.50	.10	86	17
6410	3.02	.03	11.07	445	.36	10.71	.59	354	19
6440	.69	.21	1.41	447	.30	1.11	.09	160	13
6470	1.86	.07	3.63	457	.26	3.37	.18	181	9
6510	3.45	.07	8.27	453	.54	7.73	.43	224	12
6540	1.63	.08	2.54	453	.21	2.33	.19	142	11
6570	1.55	.12	2.01	457	.24	1.77	.19	114	12
6600	2.02	.07	4.01	450	.27	3.74	.21	185	10
6630	3.07	.08	6.89	448	.54	6.35	.37	206	12
6660	3.09	.10	5.41	454	.53	4.88	.32	157	10
6690	.63	.19	.74	453	.14	.60	.07	95	11
6720	.91	.19	1.54	455	.30	1.24	.21	136	23
6750	.01	.00	.01	0	.00	.01	.01	100	100
6780	4.41	.03	12.66	447	.32	12.34	.45	279	10
6810	1.61	.07	1.78	443	.13	1.65	.13	102	8
6840	.74	.13	.86	454	.11	.75	.06	101	8
6870	.33	.16	.49	463	.08	.41	.04	124	12
6890	.85	.17	1.26	454	.21	1.05	.08	123	9
6930	.25	.56	.25	442	.14	.11	.08	44	32
6960	.76	.21	.90	455	.19	.71	.26	93	34
6990	1.78	.07	2.55	448	.17	2.38	.24	133	13
7020	3.13	.05	7.26	447	.35	6.91	.31	220	9
7050	3.49	.05	10.40	448	.50	9.90	.42	283	12
7080	.26	.33	.27	455	.09	.18	.04	69	15
7110	.45	.16	.61	451	.10	.51	.09	113	20
7140	6.25	.03	18.54	437	.58	17.96	.79	287	12

Calstan C&E Cow Creek 6-30-8-1W5

014900 300 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
7170	2.89	.14	5.09	446	.69	4.40	.48	152	16
7200	1.86	.08	2.62	451	.21	2.41	.22	129	11
7230	.38	.41	.41	457	.17	.24	.08	63	21
7260	1.01	.17	1.20	456	.20	1.00	.22	99	21
7290	1.35	.10	2.28	447	.23	2.05	.25	151	18
7320	.67	.13	.89	453	.12	.77	.10	114	14
7350	6.25	.06	16.92	446	.94	15.98	.72	255	11
7380	.36	.26	.27	465	.07	.20	.06	55	16
7410	1.29	.09	2.46	439	.23	2.23	.19	172	14
7440	5.93	.03	18.08	439	.55	17.53	.70	295	11
7470	2.52	.06	4.67	449	.28	4.39	.34	174	13
7500	2.19	.05	3.83	456	.19	3.64	.22	166	10
7530	.60	.13	.76	456	.10	.66	.08	110	13
7560	2.48	.06	4.65	453	.27	4.38	.30	176	12
7590	1.07	.12	1.47	453	.18	1.29	.12	120	11
7620	1.10	.13	1.87	445	.24	1.63	.14	148	12
7650	.75	.15	.98	456	.15	.83	.12	110	16
7680	1.20	.22	1.96	440	.43	1.53	.29	127	24
7710	2.73	.04	7.97	442	.33	7.64	.33	279	12
7740	1.76	.08	2.80	457	.21	2.59	.24	147	13
7770	1.44	.07	2.66	454	.19	2.47	.14	171	9
7800	1.12	.16	1.85	459	.30	1.55	.20	138	17
7830	1.57	.15	3.00	458	.46	2.54	.22	161	14
7860	.72	.12	.89	459	.11	.78	.12	108	16
7890	3.32	.05	12.82	436	.68	12.14	.56	365	16
7920	.15	.32	.28	467	.09	.19	.01	126	6
7950	.41	.25	.61	463	.15	.46	.03	112	7
7980	.65	.29	.86	454	.25	.61	.10	93	15
8010	.76	.21	.80	459	.17	.63	.16	82	21
8040	4.23	.04	13.13	434	.48	12.65	.59	299	13
8070	.33	.05	4.02	451	.20	3.82	.21	1157	63
8100	3.60	.04	8.37	448	.31	8.06	.45	223	12
8130	.89	.20	.86	448	.17	.69	.20	77	22
8160	.49	.31	.51	456	.16	.35	.08	71	16
8190	1.28	.18	2.09	456	.38	1.71	.23	133	17
8220	.32	.50	.50	445	.25	.25	.15	78	46
8250	3.82	.05	12.21	436	.64	11.57	.44	302	11
8280	1.72	.08	3.23	450	.27	2.96	.21	172	12
8310	1.13	.06	1.35	447	.08	1.27	.14	112	12

Calstan C&E Cow Creek 6-30-8-1W5

014900 300 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
8340	3.86	.07	12.73	447	.89	11.84	.56	306	14
8370	1.22	.09	1.40	453	.12	1.28	.13	104	10
8400	.56	.28	.78	451	.22	.56	.17	100	30
8430	.34	.26	.31	460	.08	.23	.07	67	20
8460	3.46	.12	8.45	445	1.01	7.44	.43	215	12
8490	.47	.31	.49	460	.15	.34	.09	72	19
8510	1.37	.14	2.05	456	.28	1.77	.24	129	17
8540	1.96	.11	3.40	457	.36	3.04	.23	155	11
8570	1.08	.15	1.59	454	.24	1.35	.08	125	7
8600	.54	.34	.67	457	.23	.44	.11	81	20
8630	.83	.25	1.50	458	.38	1.12	.13	134	15
8660	.31	.14	3.78	454	.54	3.24	.24	1045	77
8690	.79	.20	.70	458	.14	.56	.10	70	12
8720	1.38	.22	2.31	461	.51	1.80	.23	130	16
8750	1.48	.20	2.23	455	.45	1.78	.26	120	17
8780	1.20	.15	1.67	451	.25	1.42	.20	118	16
8810	1.71	.06	2.35	452	.14	2.21	.20	129	11
8840	.52	.33	.58	462	.19	.39	.06	75	11
8870	.51	.30	.80	460	.24	.56	.10	109	19
8900	2.42	.08	5.52	447	.44	5.08	.33	209	13
8930	3.29	.05	6.64	448	.33	6.31	.36	191	10
8960	1.62	.07	3.06	452	.20	2.86	.15	176	9
8990	1.33	.19	1.89	457	.35	1.54	.34	115	25
9020	1.08	.18	1.72	456	.31	1.41	.18	130	16
9050	.59	.33	.63	458	.21	.42	.12	71	20
9080	1.20	.16	2.22	458	.36	1.86	.30	155	25
9110	.55	.29	.56	464	.16	.40	.09	72	16
9140	1.14	.12	1.63	454	.19	1.44	.16	126	14
9170	2.99	.09	8.96	447	.80	8.16	.43	272	14
9200	.75	.15	.92	461	.14	.78	.14	104	18
9230	.88	.12	.95	460	.11	.84	.12	95	13
9260	.21	.38	.24	453	.09	.15	.08	71	38
9290	3.31	.04	6.19	449	.24	5.95	.30	179	9
9320	1.46	.11	2.75	448	.30	2.45	.22	167	15
9350	.73	.20	.93	460	.19	.74	.25	101	34
9380	1.04	.12	1.60	451	.19	1.41	.21	135	20
9410	.48	.20	.61	458	.12	.49	.12	102	25
9440	5.80	.06	24.23	438	1.43	22.80	1.17	393	20
9470	2.36	.06	4.85	450	.28	4.57	.32	193	13

Calstan C&E Cow Creek 6-30-8-1W5

014900 300 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
9500	1.64	.11	3.27	451	.37	2.90	.24	176	14
9530	5.70	.03	19.71	438	.62	19.09	.77	334	13
9560	.45	.27	.60	460	.16	.44	.07	97	15
9590	.61	.29	.78	453	.23	.55	.17	90	27
9620	2.61	.06	5.91	454	.36	5.55	.31	212	11
9650	1.20	.30	1.55	466	.47	1.08	.24	90	20
9680	.94	.27	.77	464	.21	.56	.31	59	32
9710	.72	.34	.88	465	.30	.58	.17	80	23
9740	.82	.28	1.31	461	.37	.94	.27	114	32
9770	2.17	.11	4.37	452	.46	3.91	.32	180	14
9800	.61	.27	.96	451	.26	.70	.17	114	27
9830	9.34	.03	55.74	435	1.52	54.22	1.74	580	18
9860	.63	.38	1.04	464	.40	.64	.18	101	28
9890	.59	.40	1.01	462	.40	.61	.17	103	28
9920	.49	.25	.48	464	.12	.36	.08	73	16
9950	1.18	.20	2.12	451	.43	1.69	.36	143	30
9980	.47	.33	.60	468	.20	.40	.12	85	25
10010	.70	.26	.80	464	.21	.59	.16	84	22
10040	.77	.19	.83	455	.16	.67	.14	87	18
10070	1.14	.10	1.89	454	.18	1.71	.17	150	14
10100	1.37	.12	2.05	446	.24	1.81	.33	132	24
10130	.04	.45	.56	455	.25	.31	.16	775	400
10160	.58	.29	.85	464	.25	.60	.12	103	20
10190	.37	.33	.55	462	.18	.37	.14	100	37
10220	.26	.32	.22	459	.07	.15	.09	57	34
10250	.44	.26	.70	463	.18	.52	.27	118	61
10280	2.80	.07	8.16	438	.61	7.55	.49	269	17
10310	.35	.39	.62	466	.24	.38	.13	108	37
10340	.33	.33	.46	469	.15	.31	.08	93	24
10370	.53	.31	.89	461	.28	.61	.06	115	11
10400	.35	.35	.31	467	.11	.20	.02	57	5
10430	.59	.27	.64	459	.17	.47	.09	79	15
10460	.33	.28	.36	471	.10	.26	.02	78	6
10490	.49	.38	.37	473	.14	.23	.16	46	32
10520	.44	.33	.51	476	.17	.34	.11	77	25
10550	.50	.47	.53	470	.25	.28	.05	55	10
10580	.77	.42	.77	468	.32	.45	.08	58	10
10610	1.15	.39	.99	471	.39	.60	.28	52	24
10640	.81	.41	.74	470	.30	.44	.12	54	14

Calstan C&E Cow Creek 6-30-8-1W5

014900 300 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
10670	.95	.40	1.08	469	.43	.65	.17	68	17
10700	1.03	.29	.95	463	.28	.67	.16	65	15
10730	1.03	.36	.73	469	.26	.47	.15	45	14
10760	.66	.42	.55	471	.23	.32	.09	48	13
10790	1.94	.16	2.72	458	.43	2.29	.21	118	10
10820	.65	.47	.74	466	.35	.39	.09	60	13
10850	.79	.35	.81	465	.28	.53	.11	67	13
10880	.59	.43	.86	462	.37	.49	.18	83	30
10910	.60	.36	.56	474	.20	.36	.12	60	20
10940	.65	.28	.85	463	.24	.61	.11	93	16
10970	.61	.27	.59	461	.16	.43	.09	70	14
11000	1.17	.17	1.26	461	.21	1.05	.18	89	15
11030	.71	.19	.67	447	.13	.54	.16	76	22
11060	.77	.39	1.09	468	.42	.67	.17	87	22
11090	.47	.32	.34	462	.11	.23	.08	48	17
11120	.52	.39	.38	469	.15	.23	.07	44	13
11150	.64	.34	.74	471	.25	.49	.29	76	45
11180	.67	.34	.88	461	.30	.58	.11	86	16
11210	.59	.34	.64	468	.22	.42	.14	71	23
11240	.57	.29	.80	467	.23	.57	.10	100	17
11270	.62	.34	.56	470	.19	.37	.14	59	22
11300	.63	.36	.66	469	.24	.42	.10	66	15
11330	.59	.40	.50	472	.20	.30	.09	50	15
11360	.64	.36	.94	475	.34	.60	.14	93	21
11390	.54	.34	.70	481	.24	.46	.07	85	12
11420	.42	.30	.53	477	.16	.37	.03	88	7
11450	.58	.36	.75	483	.27	.48	.01	82	1
11480	.59	.30	.57	482	.17	.40	.02	67	3
11510	.56	.36	.73	478	.26	.47	.06	83	10
11540	.61	.31	.71	470	.22	.49	.01	80	1
11570	.57	.33	.67	472	.22	.45	.04	78	7
11600	.74	.37	.99	469	.37	.62	.08	83	10
11630	.62	.48	.77	479	.37	.40	.04	64	6
11660	.57	.49	.53	484	.26	.27	.02	47	3
11690	.66	.40	.83	478	.33	.50	.08	75	12
11720	.88	.20	.90	468	.18	.72	.11	81	12
11750	.54	.31	.51	487	.16	.35	.02	64	3
11780	.62	.33	.61	484	.20	.41	.09	66	14
11810	1.00	.21	1.36	454	.28	1.08	.79	108	79

Calstan C&E Cow Creek 6-30-8-1W5

014900 300 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
11840	.75	.26	.87	465	.23	.64	.14	85	18
11870	.81	.29	.99	471	.29	.70	.08	86	9
11900	.71	.34	.59	480	.20	.39	.08	54	11
11930	1.09	.21	1.29	465	.27	1.02	.30	93	27
11960	.91	.31	.86	476	.27	.59	.12	64	13
11990	.63	.30	.66	476	.20	.46	.06	73	9
12020	1.14	.20	1.28	468	.26	1.02	.16	89	14
12050	.77	.37	.79	475	.29	.50	.16	64	20
12080	1.53	.14	2.21	463	.32	1.89	.28	123	18
12110	.63	.47	.53	481	.25	.28	.09	44	14
12140	1.54	.26	2.18	444	.57	1.61	.20	104	12
12170	1.13	.27	1.45	465	.39	1.06	.15	93	13
12200	.95	.22	1.03	470	.23	.80	.09	84	9
12230	.76	.44	.73	478	.32	.41	.11	53	14
12260	.53	.37	.60	472	.22	.38	.09	71	16
12290	1.26	.16	1.67	455	.26	1.41	.14	111	11
12320	.77	.33	.87	474	.29	.58	.14	75	18
12350	.55	.36	.56	485	.20	.36	.06	65	10
12380	.77	.28	.97	464	.27	.70	.09	90	11
12410	.49	.52	.66	482	.34	.32	.07	65	14
12440	.42	.41	.41	484	.17	.24	.05	57	11
12470	.44	.50	.44	470	.22	.22	.11	50	25
12500	.86	.32	1.29	460	.41	.88	.19	102	22
12530	.52	.42	.45	464	.19	.26	.09	50	17
12560	.52	.36	1.10	456	.40	.70	.24	134	46
12590	.33	.35	.26	472	.09	.17	.04	51	12
12620	1.34	.43	1.55	500	.67	.88	.24	65	17
12650	.59	.32	.76	467	.24	.52	.10	88	16
12680	.59	.49	.82	469	.40	.42	.14	71	23
12710	.45	.64	.44	477	.28	.16	.12	35	26
12740	.46	.45	.83	465	.37	.46	.18	100	39
12770	.44	.45	.56	476	.25	.31	.16	70	36
12800	.65	.31	.85	467	.26	.59	.17	90	26
12830	1.51	.13	1.73	467	.23	1.50	.18	99	11
12860	.60	.21	.58	469	.12	.46	.14	76	23
12890	.59	.44	1.00	471	.44	.56	.25	94	42
12920	1.23	.18	2.04	455	.36	1.68	.67	136	54
12950	.57	.33	.82	457	.27	.55	.16	96	28
12980	.52	.38	.68	465	.26	.42	.23	80	44

Calstan C&E Cow Creek 6-30-8-1W5

014900 300 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
13010	.59	.22	.96	457	.21	.75	.17	127	28
13040	.02	.38	.37	475	.14	.23	.17	1150	850
13070	.46	.31	.59	454	.18	.41	.15	89	32
13100	.29	.37	.27	467	.10	.17	.06	58	20
13130	.42	.40	.45	475	.18	.27	.36	64	85
13160	.33	.34	.41	474	.14	.27	.12	81	36
13190	.16	.39	.23	410	.09	.14	.08	87	50
13220	.32	.47	.40	473	.19	.21	.06	65	18
13250	.48	.42	.62	488	.26	.36	.12	75	25
13280	.11	1.00	.05	0	.05	.00	.04	0	36
13310	.20	.78	.09	364	.07	.02	.01	10	5
13340	.38	.41	.17	488	.07	.10	.01	26	2
13370	.33	.44	.32	472	.14	.18	.04	54	12
13400	.25	.73	.30	441	.22	.08	.09	32	36
13430	1.64	.17	2.11	486	.35	1.76	.13	107	7
13460	.18	.80	.10	386	.08	.02	.01	11	5
13490	.44	.35	.48	465	.17	.31	.05	70	11
13520	.48	.39	.54	460	.21	.33	.23	68	47
13550	.18	.87	.08	0	.07	.01	.08	5	44
13580	.41	.43	.42	464	.18	.24	.15	58	36
13610	.28	.41	.29	479	.12	.17	.05	60	17
13640	.78	.27	.66	478	.18	.48	.12	61	15
13670	.57	.32	.65	477	.21	.44	.28	77	49
13700	.20	.44	.18	445	.08	.10	.02	50	10
13730	.31	.37	.27	467	.10	.17	.07	54	22
13760	.67	.26	.80	463	.21	.59	.20	88	29
13790	.68	.09	.98	444	.09	.89	.13	130	19
13820	.24	.39	.18	466	.07	.11	.42	45	175
13850	.35	.33	.49	464	.16	.33	.06	94	17
13880	.27	.33	.33	454	.11	.22	.01	81	3
13910	.62	.22	.77	448	.17	.60	.04	96	6
13940	.43	.48	1.25	376	.60	.65	.08	151	18
13970	.41	.28	.58	455	.16	.42	.01	102	2
14000	.36	.18	.39	460	.07	.32	.01	88	2
14030	.43	.41	.46	442	.19	.27	.01	62	2
14060	.40	.46	.24	486	.11	.13	.55	32	137
14090	.64	.35	.54	457	.19	.35	.22	54	34
14120	.69	.39	.66	490	.26	.40	.14	57	20
14150	.59	.42	.45	446	.19	.26	.11	44	18

Calstan C&E Cow Creek 6-30-8-1W5

014900 300 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
14180	.43	.46	.71	401	.33	.38	.15	88	34
14210	.34	.67	.55	354	.37	.18	.20	52	58
14240	.52	.57	.37	419	.21	.16	.33	30	63
14270	.75	.43	.79	466	.34	.45	.15	60	20
14300	.43	.59	.37	396	.22	.15	.10	34	23
14330	.38	.59	.29	450	.17	.12	.05	31	13
14360	.85	.57	.98	503	.56	.42	.20	49	23
14390	1.01	.28	1.13	461	.32	.81	.17	80	16
14420	.48	.53	.32	454	.17	.15	.10	31	20
14450	.64	.32	.66	462	.21	.45	.15	70	23
14480	1.30	.13	1.64	457	.22	1.42	.26	109	20
14510	1.61	.15	3.20	438	.48	2.72	.77	168	47
14540	.45	.54	.48	440	.26	.22	.24	48	53
14570	1.22	.21	2.01	444	.43	1.58	.21	129	17
14600	1.45	.19	2.62	445	.49	2.13	.39	146	26
14630	1.29	.24	3.34	433	.80	2.54	.44	196	34
14660	.73	.29	1.16	442	.34	.82	.29	112	39
14690	.59	.37	1.24	417	.46	.78	.22	132	37
14720	1.11	.19	1.75	438	.33	1.42	.31	127	27
14750	.41	.42	.52	415	.22	.30	.11	73	26
14780	.80	.24	.98	447	.24	.74	.15	92	18
14810	.43	.22	.65	444	.14	.51	.13	118	30
14840	.25	.46	.48	367	.22	.26	.15	104	60
14870	.29	.50	.24	427	.12	.12	.18	41	62
14900	1.20	.14	1.63	439	.23	1.40	.59	116	49

Bearpaw Fm.	-6035F
Belly River Grp.	-6470
Alberta Grp.	-8280
Fault	-9014
Belly River Grp.	-9014
Alberta Grp.	-9356
Fault	-10038
Belly River Grp.	-10038
Alberta Grp.	-10257
Blairmore Grp.	-12346
Calcareous Mbr.	-13705
Fernie Grp.	-13913
Green Beds	-14052

Calstan C&E Cow Creek 6-30-8-1W5					014900	300	.50		
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***

Mount Head Fm.	-14382
Livingstone Fm.	-14644

Sinclair et al Racehorse 16-29-9-5W5

015030

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
10F	.13	.55	.51	397	.28	.23	1.68	176	1292
40	.04	1.00	.01	0	.01	.00	.01	0	25
70	.08	.65	.40	389	.26	.14	.27	174	337
100	.03	.67	.03	0	.02	.01	.01	33	33
130	.06	.56	.09	348	.05	.04	.01	66	16
160	.02	.43	.07	0	.03	.04	.01	200	50
190	.12	.75	1.10	361	.83	.27	.13	225	108
220	.01	.64	.11	318	.07	.04	.01	400	100
250	.08	1.00	.03	0	.03	.00	.01	0	12
280	.01	.43	.07	0	.03	.04	.01	400	100
310	.01	.75	.04	329	.03	.01	.01	100	100
340	.01	.44	.09	0	.04	.05	.01	500	100
370	.01	.83	.06	349	.05	.01	.11	100	1100
400	.01	.29	.07	0	.02	.05	.04	500	400
430	.01	.67	.03	0	.02	.01	.01	100	100
460	.05	1.00	.02	0	.02	.00	.16	0	320
490	.01	.29	.07	443	.02	.05	.16	500	1600
520	.21	.66	1.59	407	1.05	.54	.23	257	109
550	.02	.46	.13	351	.06	.07	.01	349	50
580	.03	.69	.13	306	.09	.04	.42	133	1400
610	.03	.33	.03	0	.01	.02	.01	66	33
640	.10	1.00	.01	0	.01	.00	.01	0	10
670	.16	.45	.11	0	.05	.06	.01	37	6
700	.15	.80	.05	0	.04	.01	.01	6	6
730	.13	1.00	.03	0	.03	.00	.01	0	7
760	.15	.50	.10	0	.05	.05	.01	33	6
790	.23	.67	.03	0	.02	.01	.01	4	4
820	.20	.50	.06	313	.03	.03	.01	15	5
850	.29	1.00	.08	0	.08	.00	.01	0	3
880	.18	.45	.11	323	.05	.06	.01	33	5
910	.16	1.00	.01	0	.01	.00	.01	0	6
940	.10	1.00	.02	0	.02	.00	.01	0	10
970	.20	1.00	.04	0	.04	.00	.01	0	5
1000	.14	1.00	.03	0	.03	.00	.06	0	42
1030	.28	.63	.16	336	.10	.06	.01	21	3
1060	.22	.67	.09	335	.06	.03	.01	13	4
1090	.15	.93	.15	0	.14	.01	.07	6	46
1120	.17	1.00	.04	0	.04	.00	.01	0	5
1150	.15	.40	.10	358	.04	.06	.01	40	6

Sinclair et al Racehorse 16-29-9-5W5

015030

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
1180	.18	1.00	.02	0	.02	.00	.01	0	5
1210	.18	1.00	.03	0	.03	.00	.01	0	5
1240	.11	.60	.05	333	.03	.02	.01	18	9
1270	.13	1.00	.03	0	.03	.00	.03	0	23
1300	.14	1.00	.03	0	.03	.00	.01	0	7
1360	.27	.20	.10	419	.02	.08	.01	29	3
1390	.30	.37	.19	472	.07	.12	.01	40	3
1420	.26	.53	.30	351	.16	.14	.01	53	3
1450	.23	.82	.11	325	.09	.02	.01	8	4
1480	.34	.60	.05	451	.03	.02	.01	5	2
1510	.99	.18	.38	537	.07	.31	.01	31	1
1540	.49	.47	.17	469	.08	.09	.01	18	2
1570	.06	1.00	.02	0	.02	.00	.01	0	16
1600	.06	.40	.05	0	.02	.03	.01	50	16
1660	.06	.50	.06	408	.03	.03	.01	50	16
1690	.20	.40	.05	441	.02	.03	.07	15	35
1720	.12	.69	.13	0	.09	.04	.12	33	100
1750	.05	1.00	.01	0	.01	.00	.01	0	20
1780	.06	.33	.03	0	.01	.02	.01	33	16
1810	.07	.33	.03	0	.01	.02	.01	28	14
1840	.06	.00	.01	0	.00	.01	.01	16	16
1870	.05	.00	.01	0	.00	.01	.01	20	20
1900	.04	1.00	.01	0	.01	.00	.01	0	25
1930	.05	1.00	.02	0	.02	.00	.01	0	20
1960	.06	.25	.04	0	.01	.03	.01	50	16
1990	.08	1.00	.08	0	.08	.00	.14	0	174
2020	.06	.57	.07	0	.04	.03	.01	50	16
2050	.05	.50	.08	0	.04	.04	.01	80	20
2080	.07	1.00	.06	0	.06	.00	.14	0	200
2110	.02	.00	.01	0	.00	.01	.01	50	50
2130	.03	.00	.01	0	.00	.01	.01	33	33
2170	.08	1.00	.21	0	.21	.00	.48	0	600
2200	.04	1.00	.03	0	.03	.00	.01	0	25
2230	.01	.00	.01	0	.00	.01	.01	100	100
2260	.34	.18	.96	412	.17	.79	.27	232	79
2290	.05	.10	.10	319	.01	.09	.01	180	20
2320	.08	.75	.16	0	.12	.04	.47	50	587
2350	.07	1.00	.09	0	.09	.00	.39	0	557
2380	.08	.80	.20	392	.16	.04	.49	50	612

Sinclair et al Racehorse 16-29-9-5W5

015030

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
2410	.09	.92	.12	442	.11	.01	.38	11	422
2450	.11	.23	.13	396	.03	.10	.01	90	9
2480	.07	.50	.04	338	.02	.02	.01	28	14
2520	.08	.00	.05	0	.00	.05	.01	62	12
2550	.09	.17	.06	339	.01	.05	.01	55	11
2580	.03	.40	.05	312	.02	.03	.01	100	33
2610	.08	.63	.08	310	.05	.03	.01	37	12
2640	.01	.00	.01	0	.00	.01	.01	100	100
2670	.03	.00	.01	0	.00	.01	.01	33	33
2700	.04	.50	.02	309	.01	.01	.01	25	25
2730	.02	.00	.01	0	.00	.01	.03	50	150
2760	.04	.67	.06	312	.04	.02	.17	50	425
2790	.05	.29	.14	314	.04	.10	.22	200	440
2820	.08	.71	.14	441	.10	.04	.53	50	662
2850	.03	1.00	.01	0	.01	.00	.06	0	200
2880	.04	.45	.11	312	.05	.06	.07	150	174
2910	.08	.00	.01	0	.00	.01	.01	12	12
2940	.08	.69	.16	416	.11	.05	.42	62	525
2970	.02	.00	.01	0	.00	.01	.09	50	450
3200	.49	.68	.71	352	.48	.23	.33	46	67
3230	.16	.21	.14	424	.03	.11	.17	68	106
3450	2.55	.59	24.14	334	14.32	9.82	1.16	385	45
3490	.14	.52	.44	372	.23	.21	.23	150	164
3520	.13	.42	.38	368	.16	.22	.18	169	138
3550	.05	.63	.16	345	.10	.06	.01	120	20
3580	.05	.78	.09	0	.07	.02	.01	40	20
3610	.07	.70	.10	307	.07	.03	.01	42	14
3640	.11	.58	.33	377	.19	.14	.13	127	118
3670	.45	.28	.58	441	.16	.42	.09	93	20
3700	.40	.16	.68	447	.11	.57	.10	142	25
3730	.42	.23	.43	450	.10	.33	.27	78	64
3760	.45	.17	.52	471	.09	.43	.16	95	35
3790	.53	.31	.49	486	.15	.34	.25	64	47
3820	.38	.14	.22	488	.03	.19	.13	50	34
3850	.34	.30	.27	482	.08	.19	.27	55	79
3880	.40	.29	.21	461	.06	.15	.13	37	32
3910	.33	.38	.13	456	.05	.08	.05	24	15
3940	.41	.30	.33	449	.10	.23	.11	56	26
3970	.30	.40	.15	454	.06	.09	.04	30	13

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015030

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
4000	.66	.19	1.13	451	.22	.91	.20	137	30
4030	.67	.20	1.22	449	.25	.97	.24	144	35
4060	.52	.24	.70	450	.17	.53	.15	101	28
4090	.51	.25	.85	449	.21	.64	.08	125	15
4110	.58	.27	1.31	450	.36	.95	.18	163	31
4140	.58	.28	1.25	449	.35	.90	.24	155	41
4170	.57	.33	.93	449	.31	.62	.22	108	38
4200	.39	.41	.44	456	.18	.26	.20	66	51
4230	.59	.37	1.09	449	.40	.69	.26	116	44
4260	.60	.28	1.23	446	.35	.88	.33	146	55
4290	.65	.28	1.27	450	.35	.92	.39	141	60
4320	1.49	.84	12.91	374	10.87	2.04	.62	136	41
4350	.58	.44	1.42	449	.62	.80	.47	137	81
4380	.84	.49	4.33	441	2.11	2.22	.55	264	65
4390	8.01	.72	88.20	312	63.34	24.86	1.56	310	19
4410	1.69	.75	15.57	316	11.62	3.95	.61	233	36
4440	4.69	.69	48.99	318	33.71	15.28	1.27	325	27
4470	.54	.38	1.11	448	.42	.69	.46	127	85
4490	2.27	.63	19.42	328	12.24	7.18	.58	316	25
4500	.57	.30	.94	450	.28	.66	.12	115	21
4530	.51	.32	.72	451	.23	.49	.20	96	39
4560	.96	.48	4.23	443	2.03	2.20	.53	229	55
4590	.58	.32	.96	450	.31	.65	.27	112	46
4620	1.12	.61	5.98	442	3.65	2.33	.49	208	43
4650	.68	.35	.96	450	.34	.62	.13	91	19
4680	.60	.34	1.27	446	.43	.84	.17	140	28
4710	.63	.38	1.17	449	.45	.72	.18	114	28
4740	.49	.40	.67	452	.27	.40	.09	81	18
4770	.61	.42	1.09	449	.46	.63	.24	103	39
4800	.82	.31	1.66	451	.51	1.15	.13	140	15
4830	.84	.34	1.61	452	.55	1.06	.24	126	28
4860	.86	.28	1.76	452	.49	1.27	.42	147	48
4890	.83	.29	1.61	451	.46	1.15	.47	138	56
4920	.90	.30	2.77	444	.83	1.94	.39	215	43
4950	1.00	.30	3.38	445	1.00	2.38	.52	238	52
4980	1.28	.51	8.81	338	4.47	4.34	.49	339	38
5010	1.47	.51	10.41	337	5.26	5.15	.47	350	31
5040	2.49	.55	21.95	419	12.12	9.83	1.99	394	79
5070	.59	.33	2.30	347	.77	1.53	.28	259	47

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015030

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
5100	.50	.43	.75	451	.32	.43	.15	86	30
5130	.53	.45	.84	450	.38	.46	.17	86	32
5160	.56	.34	.87	452	.30	.57	.33	101	58
5190	.77	.40	2.55	391	1.02	1.53	.58	198	75
5220	2.81	.62	23.17	426	14.43	8.74	2.66	311	94
5250	.59	.00	.01	0	.00	.01	.01	1	1
5280	.59	.25	1.18	449	.30	.88	.10	149	16
5310	.45	.35	.57	454	.20	.37	.16	82	35
5340	.64	.32	1.43	447	.46	.97	.28	151	43
5370	.54	.31	.58	452	.18	.40	.19	74	35
5400	.56	.32	.62	457	.20	.42	.20	75	35
5430	.47	.44	.64	452	.28	.36	.35	76	74
5450	3.43	.58	30.97	420	17.95	13.02	3.69	379	107
5460	1.14	.55	7.58	328	4.17	3.41	.66	299	57
5490	1.11	.45	6.95	334	3.16	3.79	.56	341	50
5520	.47	.42	.60	449	.25	.35	.10	74	21
5550	.49	.38	.69	451	.26	.43	.14	87	28
5580	.51	.36	.83	452	.30	.53	.15	103	29
5610	.43	.40	.77	455	.31	.46	.39	106	90
5620	6.23	.65	61.59	324	39.96	21.63	4.06	347	65
5640	.55	.36	1.00	450	.36	.64	.20	116	36
5670	.64	.49	1.68	361	.83	.85	.34	132	53
5700	.70	.36	1.39	448	.50	.89	.30	127	42
5730	.69	.34	1.56	444	.53	1.03	.31	149	44
5760	.79	.36	1.96	446	.70	1.26	.32	159	40
5790	.53	.38	.71	456	.27	.44	.08	83	15
5820	.75	.40	1.12	448	.45	.67	.15	89	20
5850	.77	.31	1.49	453	.46	1.03	.10	133	12
5880	.64	.44	.93	457	.41	.52	.20	81	31
5910	.57	.47	1.05	450	.49	.56	.32	98	56
5940	.79	.57	2.68	447	1.52	1.16	.46	146	58
5970	.71	.30	1.66	452	.50	1.16	.31	163	43
6000	.64	.39	1.15	453	.45	.70	.46	109	71
6030	2.61	.68	24.51	313	16.59	7.92	.78	303	29
6060	.51	.50	1.18	450	.59	.59	.38	115	74
6090	.86	.48	3.38	443	1.62	1.76	.50	204	58
6120	1.04	.53	5.95	433	3.15	2.80	.54	269	51
6150	3.45	.59	33.23	418	19.72	13.51	.57	391	16
6180	5.08	.66	50.04	414	32.82	17.22	.57	338	11

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015030

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
6210	1.86	.65	14.13	414	9.22	4.91	.32	263	17
6240	1.07	.65	6.57	415	4.27	2.30	.63	214	58
6270	.84	.61	4.48	423	2.75	1.73	.71	205	84
6300	1.52	.63	11.69	379	7.40	4.29	.59	282	38
6330	1.56	.66	12.42	416	8.19	4.23	.61	271	39
6360	1.02	.70	6.99	416	4.91	2.08	.55	203	53
6390	.59	.54	2.13	438	1.16	.97	.49	164	83
6420	.78	.64	4.06	425	2.58	1.48	.56	189	71
6450	.61	.63	2.96	425	1.87	1.09	.50	178	81
6480	.64	.47	1.16	454	.54	.62	.41	96	64
6510	2.81	.69	26.36	312	18.09	8.27	.70	294	24
6540	.54	.48	1.26	426	.61	.65	.32	120	59
6570	.54	.57	2.05	400	1.17	.88	.38	162	70
6600	.48	.42	1.06	457	.45	.61	.35	127	72
6630	3.17	.63	29.01	331	18.36	10.65	.58	335	18
6660	.78	.59	3.04	394	1.80	1.24	.32	158	41
6690	.50	.40	1.22	459	.49	.73	.15	146	30
6720	.76	.36	1.73	458	.63	1.10	.21	144	27
6750	.60	.38	1.48	454	.56	.92	.30	153	50
6780	.68	.32	2.18	457	.69	1.49	.31	219	45
6810	1.56	.53	8.30	451	4.40	3.90	.44	250	28
6850	.81	.30	2.25	457	.68	1.57	.30	193	37
6880	1.80	.76	14.06	324	10.66	3.40	.46	188	25
6910	2.01	.80	17.37	322	13.81	3.56	.46	177	22
6940	.55	.38	1.49	459	.56	.93	.15	169	27
6970	.42	.52	.98	460	.51	.47	.16	111	38
7000	.23	.57	.56	458	.32	.24	.32	104	139
7030	2.27	.54	20.71	411	11.18	9.53	1.94	419	85
7060	.36	.71	2.22	330	1.58	.64	.39	177	108
7090	.84	.63	6.60	338	4.18	2.42	.40	288	47
7120	.12	.72	.54	345	.39	.15	.17	125	141
7150	.14	.56	.32	428	.18	.14	.15	100	107
7180	.28	.62	1.24	386	.77	.47	.28	167	100
7210	.50	.62	2.50	348	1.54	.96	.30	192	60
7240	.21	.47	.57	415	.27	.30	.27	142	128
7270	.95	.50	8.19	429	4.11	4.08	.72	429	75
7300	.30	.67	2.39	348	1.60	.79	.25	263	83
7330	.25	.65	1.73	340	1.12	.61	.14	244	55
7360	.19	.51	.49	453	.25	.24	.02	126	10

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015030

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
7390	.16	.61	1.11	346	.68	.43	.04	268	25
7420	.09	.75	.24	410	.18	.06	.01	66	11
7450	.33	.37	.41	451	.15	.26	.01	78	3
7480	.44	.62	1.99	349	1.23	.76	.23	172	52
7510	.09	.61	.18	357	.11	.07	.01	77	11
7540	.52	.71	4.56	347	3.25	1.31	.21	251	40
7570	.25	.33	.36	456	.12	.24	.02	96	8
7600	.38	.34	.38	481	.13	.25	.12	65	31
7630	.28	.34	.38	446	.13	.25	.01	89	3
7660	.17	.50	.20	405	.10	.10	.01	58	5
7690	.20	.45	.38	365	.17	.21	.01	105	5
7720	.20	.59	.22	360	.13	.09	.01	45	5
7750	.30	.41	.54	360	.22	.32	.01	106	3
7780	.16	.44	.18	0	.08	.10	.01	62	6
7810	.09	.56	.09	325	.05	.04	.01	44	11
7840	.19	.00	.01	0	.00	.01	.01	5	5
7860	.13	.45	.20	389	.09	.11	.01	84	7
7900	.35	.44	.61	449	.27	.34	.23	97	65
7930	.10	.46	.26	399	.12	.14	.07	140	70
7960	.11	.82	.11	378	.09	.02	.01	18	9
7990	.20	.46	.35	451	.16	.19	.16	95	80
8020	.24	.35	.26	434	.09	.17	.01	70	4
8050	.41	.33	.49	447	.16	.33	.01	80	2
8080	.13	.43	.23	403	.10	.13	.01	100	7
8110	.13	.43	.23	0	.10	.13	.01	100	7
8140	.14	.31	.26	398	.08	.18	.01	128	7
8170	.15	.49	.35	412	.17	.18	.04	120	26
8200	.27	.67	.54	394	.36	.18	.17	66	62
8230	.11	.33	.30	433	.10	.20	.02	181	18
8270	.28	.34	.32	472	.11	.21	.15	75	53
8300	.14	.42	.19	441	.08	.11	.26	78	185
8330	.42	.33	.45	455	.15	.30	.04	71	9
8360	.35	.33	.45	461	.15	.30	.01	85	2
8390	.23	.36	.33	438	.12	.21	.01	91	4
8420	.30	.41	.54	429	.22	.32	.13	106	43
8450	.28	.43	.53	430	.23	.30	.28	107	100
8480	.26	.40	.58	422	.23	.35	.05	134	19
8510	.14	.44	.32	451	.14	.18	.01	128	7
8540	.37	.31	.61	429	.19	.42	.35	113	94

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015030

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
8570	.11	.41	.17	389	.07	.10	.01	90	9
8600	.19	.46	.26	433	.12	.14	.11	73	57
8630	.17	.32	.28	440	.09	.19	.38	111	223
8660	.25	.37	.35	431	.13	.22	.50	88	200
8690	.20	.38	.47	422	.18	.29	.15	145	75
8720	.21	.35	.20	438	.07	.13	.20	61	95
8750	.14	.39	.28	418	.11	.17	.03	121	21
8780	.35	.27	.49	468	.13	.36	.01	102	2
8810	.29	.35	.40	453	.14	.26	.01	89	3
8840	.39	.30	.56	448	.17	.39	.06	100	15
8870	.20	.29	.38	448	.11	.27	.01	135	5
8900	.12	.33	.12	422	.04	.08	.01	66	8
8930	.14	.39	.31	423	.12	.19	.01	135	7
8960	.22	.30	.44	445	.13	.31	.01	140	4
8990	.19	.32	.25	455	.08	.17	.01	89	5
9020	.23	.31	.32	426	.10	.22	.02	95	8
9050	.15	.47	.17	378	.08	.09	.01	60	6
9080	.38	.30	.86	438	.26	.60	.20	157	52
9110	.10	.38	.13	423	.05	.08	.01	80	10
9140	.19	.24	.42	446	.10	.32	.04	168	21
9170	.18	.30	.37	440	.11	.26	.02	144	11
9200	.26	.37	.38	452	.14	.24	.24	92	92
9230	.22	.32	.40	453	.13	.27	.15	122	68
9260	.25	.38	.64	421	.24	.40	.11	160	44
9290	.20	.39	.49	422	.19	.30	.07	150	35
9320	.17	.29	.34	443	.10	.24	.01	141	5
9350	.21	.33	.39	437	.13	.26	.13	123	61
9380	.18	.27	.15	434	.04	.11	.01	61	5
9410	.20	.34	.29	427	.10	.19	.01	95	5
9440	.30	.28	.60	445	.17	.43	.04	143	13
9470	.27	.35	.26	454	.09	.17	.03	62	11
9500	.19	.38	.29	418	.11	.18	.14	94	73
9530	.26	.35	.26	452	.09	.17	.01	65	3
9560	.23	.28	.54	423	.15	.39	.04	169	17
9590	.17	.32	.22	445	.07	.15	.11	88	64
9620	.12	.52	.21	429	.11	.10	.13	83	108
9650	.16	.27	.15	450	.04	.11	.14	68	87
9680	.07	.75	.04	0	.03	.01	.06	14	85
9710	.08	1.00	.02	0	.02	.00	.04	0	50

Sinclair et al Racehorse 16-29-9-5W5

015030

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
9740	.19	.27	.15	465	.04	.11	.08	57	42
9770	.15	.75	.08	465	.06	.02	.15	13	100
9800	1.03	.04	2.02	483	.09	1.93	.21	187	20
9830	.77	.11	1.06	492	.12	.94	.42	122	54
9860	4.26	.03	18.99	472	.54	18.45	.41	433	9
9890	.63	.27	.63	473	.17	.46	.39	73	61
9920	.39	.28	.50	479	.14	.36	.11	92	28
9950	.57	.30	.40	496	.12	.28	.10	49	17
9980	.47	.16	.44	484	.07	.37	.07	78	14
10020	.39	.13	.46	495	.06	.40	.14	102	35
10050	2.12	.04	4.54	482	.19	4.35	.46	205	21
10080	.46	.23	.66	491	.15	.51	.34	110	73
10110	.38	.50	.26	465	.13	.13	.31	34	81
10140	.72	.26	.69	502	.18	.51	.34	70	47
10170	.74	.27	.94	500	.25	.69	.38	93	51
10200	1.48	.05	2.74	493	.14	2.60	.31	175	20
10230	3.56	.03	9.45	488	.25	9.20	.51	258	14
10260	.90	.20	.64	518	.13	.51	.19	56	21
10290	.67	.20	.64	503	.13	.51	.20	76	29
10320	.53	.13	.64	495	.08	.56	.05	105	9
10350	2.29	.03	6.66	490	.22	6.44	.53	281	23
10380	.56	.04	.91	491	.04	.87	.09	155	16
10410	.46	.35	.81	446	.28	.53	.24	115	52
10440	.68	.28	.78	489	.22	.56	.29	82	42
10470	.53	.29	.59	491	.17	.42	.20	79	37
10500	.44	.22	.40	500	.09	.31	.30	70	68
10530	2.77	.10	9.79	477	.96	8.83	.60	318	21
10560	.36	.16	.80	458	.13	.67	.17	186	47
10590	1.22	.16	1.31	504	.21	1.10	.33	90	27
10620	2.27	.11	2.35	502	.26	2.09	.31	92	13
10650	1.39	.10	1.55	500	.16	1.39	.18	100	12
10680	.99	.09	.97	503	.09	.88	.17	88	17
10710	.81	.01	1.83	502	.02	1.81	.07	223	8
10740	.79	.17	.75	509	.13	.62	.25	78	31
10770	.50	.25	.60	502	.15	.45	.26	90	52
10800	1.65	.05	2.64	500	.14	2.50	.39	151	23
10830	4.51	.01	26.67	483	.35	26.32	1.35	583	29
10860	.69	.11	.91	506	.10	.81	.39	117	56
10890	3.26	.03	12.47	493	.40	12.07	.39	370	11

Sinclair et al Racehorse 16-29-9-5W5 015030

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
10920	.79	.12	.76	506	.09	.67	.15	84	18
10950	1.56	.02	4.12	501	.10	4.02	.34	257	21
10980	4.22	.02	16.89	492	.27	16.62	.71	393	16
11010	3.87	.02	16.14	492	.29	15.85	.55	409	14
11040	2.37	.02	6.41	500	.11	6.30	.34	265	14
11070	1.28	.04	2.21	508	.08	2.13	.05	166	3
11100	2.15	.05	3.68	505	.17	3.51	.19	163	8
11130	1.24	.05	1.85	508	.10	1.75	.14	141	11
11160	1.85	.08	3.16	504	.25	2.91	.34	157	18
11190	2.07	.03	5.75	496	.17	5.58	.25	269	12
11220	3.33	.01	10.46	499	.14	10.32	.49	309	14
11250	1.34	.04	2.56	504	.11	2.45	.19	182	14
11280	1.98	.05	3.31	502	.18	3.13	.44	158	22
11310	3.29	.05	10.64	494	.58	10.06	.72	305	21
11340	1.81	.04	3.43	504	.13	3.30	.27	182	14
11370	1.53	.15	4.42	497	.68	3.74	.51	244	33
11400	1.74	.08	4.01	498	.34	3.67	.43	210	24
11430	1.01	.22	1.16	508	.25	.91	.29	90	28
11460	1.15	.08	1.79	504	.15	1.64	.07	142	6
11490	.74	.16	.76	509	.12	.64	.11	86	14
11520	.93	.15	.68	511	.10	.58	.10	62	10
11550	1.29	.15	1.19	508	.18	1.01	.41	78	31
11580	1.06	.08	1.83	506	.15	1.68	.29	158	27
11610	.66	.14	.77	515	.11	.66	.09	100	13
11640	1.09	.17	.71	513	.12	.59	.09	54	8
11670	1.15	.08	1.18	514	.10	1.08	.23	93	20
11700	.92	.11	1.41	502	.16	1.25	.20	135	21
11730	.68	.24	.62	509	.15	.47	.30	69	44
11760	.73	.15	.88	511	.13	.75	.09	102	12
11790	1.24	.10	1.17	509	.12	1.05	.12	84	9
11820	1.70	.16	2.77	503	.45	2.32	.31	136	18
11850	1.35	.04	2.68	501	.12	2.56	.26	189	19
11880	.88	.26	.57	516	.15	.42	.10	47	11
11910	1.13	.12	1.20	510	.14	1.06	.05	93	4
11940	1.40	.11	2.35	501	.25	2.10	.22	150	15
11970	1.09	.05	1.46	511	.08	1.38	.02	126	1
12000	.76	.15	.61	516	.09	.52	.04	68	5
12030	.96	.15	.93	510	.14	.79	.10	82	10
12060	.91	.13	.94	513	.12	.82	.19	90	20

Sinclair et al Racehorse 16-29-9-5W5

015030

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
12090	.87	.14	.78	520	.11	.67	.13	77	14
12120	1.25	.07	1.44	509	.10	1.34	.21	107	16
12140	.96	.14	.65	517	.09	.56	.25	58	26
12180	.48	.28	.64	447	.18	.46	.12	95	25
12210	.01	.00	.01	0	.00	.01	.01	100	100
12240	.27	.32	.34	409	.11	.23	.01	85	3
12270	.17	.30	.27	389	.08	.19	.01	111	5
12300	.10	.60	.05	318	.03	.02	.01	20	10
12330	.23	.24	.25	472	.06	.19	.01	82	4
12360	.21	.38	.13	377	.05	.08	.01	38	4
12390	.18	.24	.21	410	.05	.16	.01	88	5
12420	.18	.24	.17	455	.04	.13	.01	72	5
12450	.34	.18	.28	511	.05	.23	.01	67	2
12480	.13	.60	.05	346	.03	.02	.01	15	7
12510	.20	.36	.36	447	.13	.23	.06	115	30
12540	.17	.43	.07	458	.03	.04	.13	23	76
12570	.83	.18	1.28	503	.23	1.05	.40	126	48
12600	.37	.34	.41	501	.14	.27	.03	72	8
12630	.26	.35	.40	432	.14	.26	.07	100	26
12660	.18	.47	.17	380	.08	.09	.10	50	55
12690	.13	.47	.15	321	.07	.08	.01	61	7
12720	.17	.32	.25	411	.08	.17	.06	100	35
12750	.37	.47	.40	392	.19	.21	.07	56	18
12780	.20	.42	.36	412	.15	.21	.07	105	35
12810	.25	.44	.25	434	.11	.14	.01	55	4
12840	.29	.33	.33	461	.11	.22	.04	75	13
12870	.29	.32	.38	423	.12	.26	.09	89	31
12900	.20	.42	.24	409	.10	.14	.11	70	55
12930	.21	.52	.21	356	.11	.10	.06	47	28
12960	.22	.35	.23	441	.08	.15	.20	68	90
12990	.24	.24	.38	428	.09	.29	.08	120	33
13020	.24	.33	.24	411	.08	.16	.04	66	16
13050	.28	.35	.48	430	.17	.31	.04	110	14
13080	.38	.32	.53	473	.17	.36	.02	94	5
13110	.27	.30	.37	436	.11	.26	.01	96	3
13140	.17	.29	.24	361	.07	.17	.01	100	5
13170	.27	.42	.65	377	.27	.38	.58	140	214
13200	.20	.35	.23	442	.08	.15	.03	75	15
13230	.40	.34	.47	350	.16	.31	.85	77	212

Sinclair et al Racehorse 16-29-9-5W5

015030

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
13260	.25	.36	.45	426	.16	.29	.01	116	4
13290	.51	.26	.78	504	.20	.58	.26	113	50
13320	.28	.32	.25	506	.08	.17	.01	60	3
13350	.46	.16	.44	514	.07	.37	.07	80	15
13380	.49	.30	.30	517	.09	.21	.22	42	44
13410	.27	.45	.40	476	.18	.22	.20	81	74
13440	.32	.36	.33	513	.12	.21	.10	65	31
13470	.59	.30	.98	479	.29	.69	1.14	116	193
13500	.27	.34	.35	412	.12	.23	.27	85	100
13530	.45	.23	.57	510	.13	.44	.38	97	84
13560	.27	.33	.27	407	.09	.18	.10	66	37
13590	.28	.39	.28	377	.11	.17	.10	60	35
13620	.34	.31	.54	442	.17	.37	.08	108	23
13650	.27	.46	.28	410	.13	.15	.11	55	40
13680	.28	.32	.37	450	.12	.25	.09	89	32
13710	.23	.41	.27	380	.11	.16	.09	69	39
13740	.21	.36	.28	430	.10	.18	.07	85	33
13770	.18	.43	.23	378	.10	.13	.08	72	44
13800	.22	.56	.36	417	.20	.16	.23	72	104
13830	.23	.32	.34	389	.11	.23	.01	100	4
13860	.25	.36	.28	483	.10	.18	.10	72	40
13890	.25	.36	.33	424	.12	.21	.06	84	24
13920	.32	.31	.49	436	.15	.34	.24	106	75
13950	.36	.36	.33	434	.12	.21	.10	58	27
13980	.21	.39	.23	390	.09	.14	.08	66	38
14010	.33	.39	.44	404	.17	.27	.24	81	72
14040	.25	.38	.39	387	.15	.24	.32	96	128
14070	.20	.60	.20	356	.12	.08	.13	40	65
14100	.18	.38	.26	417	.10	.16	.12	88	66
14130	.21	.43	.14	355	.06	.08	.22	38	104
14160	.29	.33	.24	469	.08	.16	.16	55	55
14190	.41	.36	.50	443	.18	.32	.27	78	65
14220	.36	.33	.61	412	.20	.41	.51	113	141
14250	.37	.41	.54	396	.22	.32	.20	86	54
14280	.42	.31	.42	422	.13	.29	.10	69	23
14310	.42	.25	.57	429	.14	.43	.13	102	30
14340	.40	.32	.41	446	.13	.28	.16	70	40
14370	.37	.41	.32	394	.13	.19	.16	51	43
14400	.36	.32	.38	423	.12	.26	.28	72	77

Sinclair et al Racehorse 16-29-9-5W5 015030

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
14430	.32	.31	.29	374	.09	.20	.09	62	28
14460	.28	.45	.22	377	.10	.12	.31	42	110
14490	.29	.44	.25	406	.11	.14	.07	48	24
14520	.33	.32	.41	417	.13	.28	.25	84	75
14550	.35	.48	.23	393	.11	.12	.18	34	51
14580	.36	.40	.30	424	.12	.18	.25	50	69
14610	.36	.37	.43	404	.16	.27	.22	75	61
14640	.62	.22	.80	414	.18	.62	.38	100	61
14670	2.00	.06	8.92	438	.52	8.40	.99	420	49
14700	4.40	.07	31.47	443	2.09	29.38	1.27	667	28
14730	1.30	.19	1.59	445	.30	1.29	.62	99	47
14760	1.99	.17	9.43	442	1.59	7.84	.87	393	43
14790	2.90	.02	9.67	442	.24	9.43	.85	325	29
14820	1.56	.20	.90	435	.18	.72	.45	46	28
14850	.85	.73	.30	468	.22	.08	.22	9	25
14880	1.10	.11	2.02	430	.23	1.79	.53	162	48
14910	.78	.29	.41	457	.12	.29	.26	37	33
14940	2.15	.09	3.52	444	.30	3.22	.82	149	38
14970	.50	.08	.36	455	.03	.33	.29	66	58
15000	1.03	.22	2.21	414	.48	1.73	.60	167	58
15030	.91	.38	1.86	378	.71	1.15	.36	126	39
Exshaw Fm				-1500F					
Palliser Fm				-1523					
Alexo Fm				-2534					
Fairholme Grp				-2650					
Precambrian System				-3047					
Fault				-3655					
Blackstone Fm				-3655					
Crowsnest Volcanics				-6905					
Blairmore Grp				-7439					
Dalhousie CGL				-9714					
Kootenay Grp				-9789					
Kootenay Grp				-10265					
Fernie Grp				-10986					
Fault				-11173					
Kootenay Grp				-11173					
Fernie Grp				-11290					

Coseka et al Savanna Creek 9-31-12-4W5 600 4470 100 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
610M	.75	.34	.61	490	.21	.40	.08	53	10
620	.36	.30	.27	490	.08	.19	.01	52	2
630	.47	.38	.81	492	.31	.50	.01	106	2
640	.21	.64	.22	480	.14	.08	.01	38	4
650	.47	.47	.47	490	.22	.25	.01	53	2
660	.46	.47	.36	494	.17	.19	.01	41	2
670	.66	.47	.45	498	.21	.24	.11	36	16
680	.77	.51	.51	499	.26	.25	.01	32	1
690	.37	.49	.39	498	.19	.20	.05	54	13
700	.77	.36	.81	495	.29	.52	.55	67	71
710	.56	.47	.49	493	.23	.26	.06	46	10
720	.67	.40	.57	498	.23	.34	.01	50	1
730	1.12	.33	.61	504	.20	.41	.28	36	25
740	2.74	.16	1.17	501	.19	.98	.01	35	0
750	1.53	.19	1.05	493	.20	.85	.03	55	1
760	.47	.47	.30	506	.14	.16	.01	34	2
770	.73	.19	.67	490	.13	.54	.02	73	2
780	.24	.77	.13	375	.10	.03	.06	12	25
790	.21	.55	.29	500	.16	.13	.01	61	4
800	.20	.20	.05	466	.01	.04	.01	20	5
810	.12	.71	.07	401	.05	.02	.01	16	8
820	.64	.28	.47	493	.13	.34	.11	53	17
830	.30	.48	.54	367	.26	.28	.67	93	223
850	.27	.40	.43	355	.17	.26	1.10	96	407
860	.05	1.00	.03	0	.03	.00	.02	0	40
870	.01	1.00	.01	0	.01	.00	.01	0	100
880	.01	1.00	.01	0	.01	.00	.01	0	100
890	.19	.28	.18	502	.05	.13	.01	68	5
900	.02	.83	.06	0	.05	.01	.01	50	50
910	.09	1.00	.01	0	.01	.00	.01	0	11
920	.09	1.00	.01	0	.01	.00	.01	0	11
930	.10	.80	.05	326	.04	.01	.01	10	10
940	.06	.75	.04	0	.03	.01	.01	16	16
950	.02	.69	.16	327	.11	.05	.01	250	50
960	.13	.64	.14	338	.09	.05	.09	38	69
970	.07	.50	.02	385	.01	.01	.01	14	14
980	.08	1.00	.01	0	.01	.00	.01	0	12
990	.07	.25	.08	387	.02	.06	.01	85	14
1000	.03	.40	.05	360	.02	.03	.01	100	33

Coseka et al Savanna Creek 9-31-12-4W5 600 4470 100 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
1010	.05	1.00	.01	0	.01	.00	.01	0	20
1020	.01	.00	.01	0	.00	.01	.05	100	500
1030	.05	1.00	.02	0	.02	.00	.01	0	20
1040	.01	1.00	.02	0	.02	.00	.01	0	100
1050	.01	.75	.08	0	.06	.02	.01	200	100
1060	.04	.80	.10	404	.08	.02	.01	50	25
1070	.07	.32	.34	489	.11	.23	.01	328	14
1080	.05	1.00	.02	0	.02	.00	.01	0	20
1090	.11	1.00	.03	0	.03	.00	.01	0	9
1100	.01	1.00	.01	0	.01	.00	.06	0	600
1110	.20	.40	.05	412	.02	.03	.03	15	15
1120	.22	.63	.08	451	.05	.03	.07	13	31
1130	1.34	.07	1.30	414	.09	1.21	.98	90	73
1140	.14	.60	.10	361	.06	.04	.12	28	85
1150	.06	1.00	.03	0	.03	.00	.01	0	16
1160	.01	.80	.05	315	.04	.01	.01	100	100
1170	.06	.00	.01	0	.00	.01	.01	16	16
1180	.01	.00	.01	0	.00	.01	.01	100	100
1190	.01	.00	.01	0	.00	.01	.01	100	100
1200	.01	.13	.08	365	.01	.07	.05	699	500
1210	.01	1.00	.01	0	.01	.00	.01	0	100
1220	.01	.00	.01	0	.00	.01	.05	100	500
1230	.04	1.00	.02	0	.02	.00	.02	0	50
1240	.06	.33	.06	360	.02	.04	.01	66	16
1250	.04	.00	.01	451	.00	.01	.01	25	25
1260	.16	1.00	.01	0	.01	.00	.01	0	6
1270	.05	1.00	.01	0	.01	.00	.01	0	20
1280	.05	.00	.01	0	.00	.01	.01	20	20
1290	.11	1.00	.02	0	.02	.00	.01	0	9
1300	.02	.00	.01	0	.00	.01	.01	50	50
1310	.02	.00	.01	0	.00	.01	.01	50	50
1320	.05	1.00	.01	0	.01	.00	.01	0	20
1330	.01	.00	.01	0	.00	.01	.01	100	100
1340	.01	.00	.01	0	.00	.01	.01	100	100
1350	.01	1.00	.01	0	.01	.00	.02	0	200
1360	.01	.00	.01	0	.00	.01	.01	100	100
1370	.01	.00	.02	376	.00	.02	.01	200	100
1380	.01	.00	.01	377	.00	.01	.01	100	100
1390	.01	.00	.01	0	.00	.01	.01	100	100

Coseka et al Savanna Creek 9-31-12-4W5 600 4470 100 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
1400	.01	.00	.01	0	.00	.01	.01	100	100
1410	.01	.00	.01	0	.00	.01	.01	100	100
1420	.01	.00	.01	0	.00	.01	.01	100	100
1430	.01	.00	.01	0	.00	.01	.01	100	100
1440	.07	.67	.09	316	.06	.03	.40	42	571
1450	.01	.00	.01	0	.00	.01	.01	100	100
1460	.01	.00	.01	0	.00	.01	.01	100	100
1470	.01	.00	.01	0	.00	.01	.01	100	100
1480	.01	1.00	.01	0	.01	.00	.01	0	100
1490	.01	.00	.01	0	.00	.01	.01	100	100
1500	.01	.00	.01	0	.00	.01	.01	100	100
1510	.01	.00	.01	0	.00	.01	.01	100	100
1520	.01	.00	.01	0	.00	.01	.01	100	100
1530	.01	.00	.01	0	.00	.01	.01	100	100
1540	.01	.00	.01	0	.00	.01	.01	100	100
1550	.01	.00	.01	0	.00	.01	.03	100	300
1560	.01	.50	.02	0	.01	.01	.10	100	1000
1570	.01	.00	.01	0	.00	.01	.01	100	100
1580	.01	.00	.03	422	.00	.03	.01	300	100
1590	.01	.00	.01	0	.00	.01	.02	100	200
1600	.02	.67	.12	374	.08	.04	.03	200	150
1610	.02	.00	.01	0	.00	.01	.01	50	50
1620	.01	.00	.01	0	.00	.01	.02	100	200
1630	.01	.50	.04	0	.02	.02	.05	200	500
1640	.01	1.00	.02	0	.02	.00	.05	0	500
1650	.01	1.00	.01	0	.01	.00	.10	0	1000
1660	.01	.83	.06	366	.05	.01	.16	100	1600
1670	.01	.00	.01	0	.00	.01	.03	100	300
1680	.02	1.00	.01	0	.01	.00	.04	0	200
1690	.02	1.00	.01	0	.01	.00	.02	0	100
1700	.07	1.00	.01	0	.01	.00	.02	0	28
1710	.17	.67	.09	0	.06	.03	.03	17	17
1720	.17	1.00	.06	0	.06	.00	.01	0	5
1730	.27	.63	.19	0	.12	.07	.04	25	14
1740	.38	.76	.17	357	.13	.04	.05	10	13
1750	.34	.64	.22	348	.14	.08	.04	23	11
1760	.30	.71	.17	329	.12	.05	.01	16	3
1770	.28	.70	.20	344	.14	.06	.03	21	10
1780	.45	.63	.35	365	.22	.13	.03	28	6

Coseka et al Savanna Creek 9-31-12-4W5 600 4470 100 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
1790	.61	.58	.33	388	.19	.14	.05	22	8
1800	.55	.67	.30	350	.20	.10	.13	18	23
1810	1.04	.59	.51	485	.30	.21	.18	20	17
1820	.09	.57	.07	352	.04	.03	.01	33	11
1830	.29	.44	.27	379	.12	.15	.17	51	58
1840	.35	.22	.40	481	.09	.31	.10	88	28
1850	.35	.24	.33	482	.08	.25	.13	71	37
1860	.32	.25	.28	482	.07	.21	.01	65	3
1870	.35	.27	.33	488	.09	.24	.23	68	65
1880	.31	.28	.29	485	.08	.21	.32	67	103
1890	.28	.27	.30	481	.08	.22	.04	78	14
1900	.40	.25	.36	480	.09	.27	.02	67	5
1910	.35	.27	.37	480	.10	.27	.34	77	97
1920	.35	.29	.35	486	.10	.25	.40	71	114
1930	.26	.26	.31	482	.08	.23	.05	88	19
1940	.36	.26	.43	476	.11	.32	.08	88	22
1950	.48	.26	.62	475	.16	.46	.07	95	14
1960	.50	.23	.73	472	.17	.56	.17	111	34
1970	.52	.26	.72	478	.19	.53	.13	101	25
1980	.31	.27	.48	473	.13	.35	.19	112	61
1990	.48	.27	.66	476	.18	.48	.22	100	45
2000	.33	.28	.72	476	.20	.52	.13	157	39
2010	.34	.25	.52	479	.13	.39	.04	114	11
2020	.25	.16	.50	480	.08	.42	.02	168	8
2030	.28	.24	.45	476	.11	.34	.08	121	28
2040	.23	.28	.43	475	.12	.31	.09	134	39
2050	.28	.26	.53	447	.14	.39	.29	139	103
2060	.11	.31	.16	437	.05	.11	.06	100	54
2070	.23	.20	.35	478	.07	.28	.01	121	4
2080	.23	.24	.37	475	.09	.28	.03	121	13
2090	.15	.18	.11	476	.02	.09	.05	60	33
2120	.24	.13	.16	487	.02	.14	.01	58	4
2130	.13	.25	.04	400	.01	.03	.02	23	15
2140	.07	.40	.05	333	.02	.03	.01	42	14
2150	.31	.09	.33	476	.03	.30	.03	96	9
2160	.23	.11	.18	477	.02	.16	.05	69	21
2170	.13	.29	.07	396	.02	.05	.09	38	69
2180	.26	.14	.14	508	.02	.12	.01	46	3
2190	.15	.18	.11	496	.02	.09	.01	60	6

Coseka et al Savanna Creek 9-31-12-4W5 600 4470 100 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
2200	.01	.00	.01	0	.00	.01	.01	100	100
2210	.19	.27	.11	411	.03	.08	.01	42	5
2220	.25	.25	.16	486	.04	.12	.04	48	16
2230	.06	.00	.02	398	.00	.02	.01	33	16
2240	.09	.20	.15	427	.03	.12	.04	133	44
2250	.24	.20	.20	489	.04	.16	.03	66	12
2260	.26	.14	.21	478	.03	.18	.03	69	11
2270	.15	.10	.10	423	.01	.09	.04	60	26
2280	.11	.43	.07	341	.03	.04	.01	36	9
2290	.11	.44	.09	365	.04	.05	.01	45	9
2300	.10	.33	.06	435	.02	.04	.05	40	50
2310	.18	.11	.18	498	.02	.16	.04	88	22
2320	.12	.33	.12	432	.04	.08	.01	66	8
2330	.04	.00	.01	322	.00	.01	.01	25	25
2340	.10	.27	.11	417	.03	.08	.01	80	10
2350	.25	.15	.20	485	.03	.17	.01	68	4
2360	.23	.12	.33	484	.04	.29	.06	126	26
2370	.08	.38	.08	368	.03	.05	.01	62	12
2380	.05	1.00	.01	0	.01	.00	.02	0	40
2390	.07	1.00	.06	0	.06	.00	.02	0	28
2400	.12	.31	.16	456	.05	.11	.12	91	100
2410	.06	1.00	.03	0	.03	.00	.10	0	166
2420	.25	.36	.47	483	.17	.30	.15	120	60
2430	.35	.32	.47	489	.15	.32	.19	91	54
2440	.57	.03	1.75	481	.05	1.70	.21	298	36
2450	5.81	.07	13.83	489	.95	12.88	.66	221	11
2460	2.60	.03	9.23	486	.24	8.99	.23	345	8
2470	.33	.07	.41	544	.03	.38	.22	115	66
2480	3.45	.02	11.21	490	.25	10.96	.61	317	17
2490	3.65	.02	13.88	490	.30	13.58	.41	372	11
2500	1.49	.03	4.90	492	.17	4.73	.25	317	16
2510	2.57	.15	8.21	488	1.20	7.01	.29	272	11
2520	1.42	.33	5.16	490	1.71	3.45	.19	242	13
2530	.40	.50	.26	515	.13	.13	.01	32	2
2540	.68	.34	1.24	498	.42	.82	.10	120	14
2550	.89	.29	1.26	499	.37	.89	.12	100	13
2560	.94	.21	1.10	498	.23	.87	.16	92	17
2570	1.71	.20	4.01	492	.80	3.21	.24	187	14
2580	1.33	.28	1.88	501	.53	1.35	.13	101	9

Coseka et al Savanna Creek 9-31-12-4W5 600 4470 100 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
2590	1.41	.33	2.24	499	.75	1.49	.11	105	7
2600	.91	.37	1.25	496	.46	.79	.10	86	10
2610	.64	.31	1.07	501	.33	.74	.02	115	3
2620	.20	.42	.26	394	.11	.15	.04	75	20
2630	.25	.36	.45	508	.16	.29	.03	116	12
2640	.17	.35	.17	481	.06	.11	.01	64	5
2650	.18	.38	.34	502	.13	.21	.03	116	16
2660	.30	.28	.46	502	.13	.33	.03	110	10
2670	.16	.45	.40	351	.18	.22	.05	137	31
2680	.33	.55	.42	440	.23	.19	.03	57	9
2690	.29	.52	.31	439	.16	.15	.09	51	31
2700	.30	.38	.47	495	.18	.29	.10	96	33
2710	.46	.16	.38	520	.06	.32	.07	69	15
2720	.26	.25	.24	518	.06	.18	.01	69	3
2730	.21	.38	.26	439	.10	.16	.05	76	23
2740	.32	.15	.73	498	.11	.62	.13	193	40
2750	.19	.40	.43	389	.17	.26	.09	136	47
2760	.22	.45	1.16	382	.52	.64	.17	290	77
2770	.10	.48	.31	389	.15	.16	.12	160	120
2780	.36	.45	1.17	424	.53	.64	.15	177	41
2790	.52	.20	1.12	498	.22	.90	.81	173	155
2800	.51	.11	.74	506	.08	.66	.10	129	19
2810	.50	.23	.60	507	.14	.46	.21	92	42
2820	1.52	.08	4.36	489	.36	4.00	.25	263	16
2830	1.04	.04	2.62	496	.10	2.52	.23	242	22
2840	2.39	.12	6.85	489	.82	6.03	.28	252	11
2850	6.13	.42	15.29	498	6.47	8.82	3.13	143	51
2860	.95	.44	2.98	495	1.31	1.67	.41	175	43
2870	3.17	.59	13.08	488	7.70	5.38	.34	169	10
2880	5.79	.69	15.56	507	10.76	4.80	4.23	82	73
2890	.95	.49	2.99	368	1.47	1.52	.27	160	28
2900	16.99	.73	62.40	495	45.40	17.00	3.60	100	21
2910	1.87	.74	5.95	436	4.42	1.53	3.26	81	174
2920	7.16	.83	22.95	514	19.07	3.88	4.44	54	62
2930	2.10	.63	8.66	490	5.43	3.23	.37	153	17
2940	2.37	.61	8.84	491	5.40	3.44	.42	145	17
2950	.35	.32	.82	499	.26	.56	.16	159	45
2960	1.24	.34	3.39	495	1.15	2.24	.32	180	25
2970	.31	.20	.50	502	.10	.40	.33	129	106

Coseka et al Savanna Creek 9-31-12-4W5 600 4470 100 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
2980	.36	.23	.66	514	.15	.51	.09	141	25
2990	.49	.25	.61	504	.15	.46	.08	93	16
3000	.50	.27	.77	506	.21	.56	.13	111	26
3010	.83	.15	1.55	496	.24	1.31	.14	157	16
3020	.66	.46	1.49	501	.68	.81	.15	122	22
3030	.35	.22	.58	513	.13	.45	.15	128	42
3040	.80	.40	1.67	503	.67	1.00	.26	125	32
3050	2.75	.49	8.68	486	4.24	4.44	.35	161	12
3060	.41	.38	1.05	419	.40	.65	.11	158	26
3070	.41	.31	.71	501	.22	.49	.09	119	21
3080	.75	.35	1.24	505	.43	.81	.05	108	6
3090	.25	.38	.34	493	.13	.21	.03	84	12
3100	.35	.52	.69	425	.36	.33	.08	94	22
3110	.18	.38	.24	453	.09	.15	.04	83	22
3120	.26	.32	.31	516	.10	.21	.05	80	19
3130	.14	.52	.29	353	.15	.14	.02	100	14
3140	.18	.36	.11	453	.04	.07	.01	38	5
3150	.31	.38	.39	502	.15	.24	.02	77	6
3160	.23	.35	.31	511	.11	.20	.01	86	4
3170	.30	.32	.41	509	.13	.28	.05	93	16
3180	.49	.17	.58	499	.10	.48	.10	97	20
3190	.35	.31	.35	505	.11	.24	.07	68	19
3200	.33	.31	.39	518	.12	.27	.04	81	12
3210	.31	.25	.24	527	.06	.18	.04	58	12
3220	.37	.35	.43	525	.15	.28	.08	75	21
3230	.40	.34	.62	517	.21	.41	.14	102	35
3240	.40	.35	.71	502	.25	.46	.25	115	62
3250	.67	.42	1.30	429	.55	.75	.19	111	28
3260	.57	.52	2.12	375	1.11	1.01	.18	177	31
3270	.45	.50	1.03	365	.52	.51	.17	113	37
3280	.27	.38	.56	448	.21	.35	.07	129	25
3290	.15	.35	.17	385	.06	.11	.06	73	40
3300	.26	.32	.34	450	.11	.23	.07	88	26
3310	.19	.48	.21	355	.10	.11	.08	57	42
3320	.14	.42	.12	385	.05	.07	.07	50	50
3330	.16	.33	.12	460	.04	.08	.07	50	43
3340	.26	.46	1.05	391	.48	.57	.96	219	369
3350	.39	.40	.96	388	.38	.58	.63	148	161
3360	1.54	.60	8.55	375	5.15	3.40	.83	220	53

Coseka et al Savanna Creek 9-31-12-4W5 600 4470 100 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
3370	.29	.69	.26	390	.18	.08	.07	27	24
3380	.24	.75	.12	0	.09	.03	.06	12	25
3390	.04	.75	.04	0	.03	.01	.06	25	150
3400	.06	.75	.12	315	.09	.03	.19	50	316
3410	.04	.73	.11	0	.08	.03	.04	75	100
3420	.02	.65	.17	0	.11	.06	.02	300	100
3430	.06	.59	.29	309	.17	.12	.11	200	183
3440	.49	.51	.83	433	.42	.41	.18	83	36
3450	.74	.28	.57	521	.16	.41	.11	55	14
3460	.76	.30	.53	521	.16	.37	.08	48	10
3470	.33	.45	.31	501	.14	.17	.05	51	15
3480	.55	.30	.44	517	.13	.31	.05	56	9
3490	.30	.47	.34	497	.16	.18	.04	60	13
3500	.08	.60	.15	418	.09	.06	.08	75	100
3510	.08	.38	.08	386	.03	.05	.05	62	62
3520	.11	.55	.20	301	.11	.09	.05	81	45
3530	.07	.50	.14	318	.07	.07	.05	100	71
3540	.05	1.00	.03	0	.03	.00	.07	0	140
3550	.10	.45	.22	310	.10	.12	.10	120	100
3560	.04	.40	.10	0	.04	.06	.06	150	150
3570	.02	.40	.05	0	.02	.03	.02	150	100
3580	.04	.50	.12	0	.06	.06	.06	150	150
3590	.03	.44	.09	0	.04	.05	.03	166	100
3600	.25	1.00	.03	0	.03	.00	.06	0	24
3610	.17	.75	.04	0	.03	.01	.12	5	70
3620	.09	.78	.09	0	.07	.02	.06	22	66
3630	.04	.62	.21	0	.13	.08	.03	200	75
3640	.06	.50	.06	360	.03	.03	.05	50	83
3650	.07	.71	.07	417	.05	.02	.12	28	171
3660	.01	1.00	.02	0	.02	.00	.02	0	200
3670	.04	.57	.07	314	.04	.03	.06	75	150
3680	.01	.00	.01	0	.00	.01	.02	100	200
3690	.04	1.00	.02	0	.02	.00	.02	0	50
3700	.07	1.00	.03	0	.03	.00	.07	0	100
3710	.16	.21	.14	414	.03	.11	.08	68	50
3720	.03	1.00	.01	0	.01	.00	.07	0	233
3730	.16	.28	.18	511	.05	.13	.08	81	50
3740	.15	.33	.09	350	.03	.06	.13	40	86
3750	.06	.29	.07	419	.02	.05	.04	83	66

Coseka et al Savanna Creek 9-31-12-4W5 600 4470 100 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
3760	.01	1.00	.01	0	.01	.00	.05	0	500
3770	.02	1.00	.01	0	.01	.00	.13	0	650
3780	.04	.67	.03	0	.02	.01	.10	25	250
3790	.02	1.00	.01	0	.01	.00	.05	0	250
3800	.01	.00	.01	0	.00	.01	.06	100	600
3810	.01	1.00	.01	0	.01	.00	.03	0	300
3820	.10	.00	.01	0	.00	.01	.01	10	10
3830	.01	.67	.03	0	.02	.01	.02	100	200
3840	.02	1.00	.04	0	.04	.00	.10	0	500
3850	.01	1.00	.03	0	.03	.00	.10	0	1000
3860	.01	.50	.04	0	.02	.02	.06	200	600
3870	.03	.45	.11	0	.05	.06	.13	200	433
3880	.03	1.00	.02	0	.02	.00	.02	0	66
3890	.03	.67	.03	0	.02	.01	.03	33	100
3900	.03	.57	.07	0	.04	.03	.09	100	300
3910	.01	.67	.03	381	.02	.01	.05	100	500
3920	.01	.50	.04	419	.02	.02	.05	200	500
3930	.01	.50	.08	306	.04	.04	.10	400	1000
3940	.01	.67	.03	320	.02	.01	.04	100	400
3950	.06	.10	.40	447	.04	.36	.16	600	266
3960	.01	.50	.02	0	.01	.01	.04	100	400
3970	.01	1.00	.02	0	.02	.00	.01	0	100
3980	.01	1.00	.01	0	.01	.00	.06	0	600
3990	.05	.77	.30	354	.23	.07	.09	140	180
4000	.03	.67	.03	0	.02	.01	.03	33	100
4010	.01	1.00	.02	0	.02	.00	.03	0	300
4020	.04	.00	.07	343	.00	.07	.14	174	349
4030	.02	.67	.12	0	.08	.04	.10	200	500
4040	.01	.67	.03	305	.02	.01	.05	100	500
4100	.16	.56	.09	0	.05	.04	.06	25	37
4110	.20	.69	.13	321	.09	.04	.10	20	50
4120	.22	.60	.15	418	.09	.06	.09	27	40
4130	.25	.78	.27	391	.21	.06	.32	24	128
4140	.27	.50	.20	382	.10	.10	.15	37	55
4150	.27	.79	.14	335	.11	.03	.17	11	62
4160	.34	.56	.39	407	.22	.17	.25	50	73
4170	.28	.91	.11	416	.10	.01	.11	3	39
4180	.35	.75	.28	320	.21	.07	.22	19	62
4190	.29	.71	.14	0	.10	.04	.09	13	31

Coseka et al Savanna Creek 9-31-12-4W5 600 4470 100 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***

4200	.29	.65	.17	309	.11	.06	.08	20	27
4210	.26	.67	.12	312	.08	.04	.06	15	23
4220	.10	1.00	.02	0	.02	.00	.01	0	10
4230	.01	.00	.01	0	.00	.01	.01	100	100
4240	.27	.69	.13	336	.09	.04	.09	14	33
4250	.01	.00	.01	0	.00	.01	.01	100	100
4260	.30	.68	.19	345	.13	.06	.07	20	23
4270	.41	.63	.27	318	.17	.10	.09	24	21
4280	.41	.60	.30	0	.18	.12	.14	29	34
4290	.37	.58	.24	344	.14	.10	.16	27	43
4300	.51	.64	.36	0	.23	.13	.13	25	25
4310	.47	.69	.16	367	.11	.05	.11	10	23
4320	.61	.61	.38	420	.23	.15	.17	24	27
4330	1.94	.51	.68	561	.35	.33	.17	17	8
4340	1.96	.58	.73	563	.42	.31	.21	15	10
4350	.74	.62	.42	367	.26	.16	.13	21	17
4360	.40	.63	.32	341	.20	.12	.08	30	20
4370	.36	.67	.33	0	.22	.11	.19	30	52
4380	.23	.56	.16	0	.09	.07	.14	30	60
4390	.09	.56	.09	314	.05	.04	.06	44	66
4400	.06	.00	.01	0	.00	.01	.01	16	16
4410	.08	.50	.04	0	.02	.02	.05	25	62
4420	.05	.00	.01	0	.00	.01	.01	20	20
4430	.04	.00	.02	331	.00	.02	.01	50	25
4440	.04	.00	.01	0	.00	.01	.04	25	100
4450	.07	.00	.03	322	.00	.03	.07	42	100
4460	.05	.00	.01	0	.00	.01	.06	20	120
4470	.04	.40	.05	0	.02	.03	.10	75	250

Wapiabi Fm.	-268M
Fault	-606
Kootenay Grp.	-606
Fault	-643
Fernie Grp.	-644
Fault	-760
Triassic System	-760
Permian System	-789
Rundle Grp.	-985
Fault	-1088
Rundle Grp.	-1088

Coseka et al Savanna Creek 9-31-12-4W5 600 4470 100 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***

Livingstone Fm.	-1319
Banff Fm.	-1663
Exshaw Fm.	-1807
Palliser Fm.	-1809
Fault	-1827
Cardium Fm.	-1827
Cardium SS	-1865
Blackstone Fm.	-1893
Fault	-1976
Blackstone Fm.	-1976
Blairmore Grp.	-2033
Cadomin Fm.	-2423
Kootenay Grp.	-2441
Fernie Grp.	-2517
Fault	-2555
Blackstone Fm.	-2555
Blairmore Grp.	-2681
Fault	-2708
Rundle Grp.	-2708
Fault	-2785
Kootenay Grp.	-2785
Fernie Grp.	-2864
Fault	-2960
Kootenay Grp.	-2960
Fernie Grp.	-2977
Fault	-3085
Rundle Grp.	-3085
Fault	-3145
Fernie Grp.	-3145
Fault	-3235
Rundle Grp.	-3235
Fault	-3438
Fernie Grp.	-3438
Fault	-3455
Rundle Grp.	-3455
Fault	-3620
Rundle Grp.	-3620
Livingstone Fm.	-3699
Banff Fm.	-4055

Coseka et al Savanna Creek 9-31-12-4W5 600 4470 100 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***

Fault	-4089
Livingstone Fm.	-4089
Banff Fm.	-4235
Exshaw Fm.	-4376
Palliser Fm.	-4377

Para et al Savck 15-32-13-4W5

400 2916

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
455M	.42	1.00	.03	0	.03	.00	.18	0	42
485	.65	.45	.56	479	.25	.31	.06	47	9
500	.05	1.00	.02	0	.02	.00	.36	0	720
515	.01	.00	.01	0	.00	.01	.31	100	3100
525	.32	1.00	.02	0	.02	.00	1.14	0	356
530	.58	.44	.68	414	.30	.38	.13	65	22
540	.35	.47	.49	419	.23	.26	.05	74	14
600	.01	.00	.03	431	.00	.03	.02	300	200
620	.01	.00	.01	0	.00	.01	.11	100	1100
630	.01	.00	.01	0	.00	.01	.30	100	3000
640	.01	.00	.01	0	.00	.01	.25	100	2500
650	.01	.00	.01	0	.00	.01	.52	100	5200
660	.01	.00	.01	0	.00	.01	.01	100	100
670	.01	.00	.01	0	.00	.01	.22	100	2200
680	.01	.00	.01	0	.00	.01	.14	100	1399
690	.01	.00	.01	0	.00	.01	.12	100	1200
700	.01	.00	.01	0	.00	.01	.15	100	1500
710	.01	1.00	.01	0	.01	.00	.34	0	3400
720	.01	.00	.01	0	.00	.01	.27	100	2700
730	.01	.00	.01	0	.00	.01	.23	100	2300
740	.01	.00	.01	0	.00	.01	.60	100	6000
750	.01	.00	.01	0	.00	.01	.26	100	2600
760	.41	.11	.35	469	.04	.31	.21	75	51
780	.53	.13	.47	472	.06	.41	.23	77	43
790	.34	.27	.11	463	.03	.08	.34	23	100
820	.37	.22	.18	476	.04	.14	.37	37	100
830	.47	.27	.15	503	.04	.11	.25	23	53
840	.47	.35	.17	503	.06	.11	.22	23	46
850	.45	.19	.21	480	.04	.17	.28	37	62
860	.48	.23	.48	473	.11	.37	.38	77	79
870	.50	.22	.23	499	.05	.18	.37	36	74
880	.51	.16	.25	477	.04	.21	.38	41	74
890	.54	.20	.46	473	.09	.37	.42	68	77
900	.48	.21	.39	474	.08	.31	.32	64	66
910	.57	.19	.36	484	.07	.29	.24	50	42
920	.47	.21	.47	475	.10	.37	.23	78	48
930	.44	.24	.46	478	.11	.35	.23	79	52
940	.39	.17	.30	483	.05	.25	.15	64	38
950	.47	.20	.40	476	.08	.32	.20	68	42

Para et al Savck 15-32-13-4W5

400 2916

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
960	.46	.28	.74	472	.21	.53	.23	115	50
970	.44	.22	.54	475	.12	.42	.11	95	25
980	.56	.20	.45	472	.09	.36	.15	64	26
990	.61	.22	.58	469	.13	.45	.17	73	27
1000	.54	.18	.61	475	.11	.50	.11	92	20
1010	.53	.19	.72	483	.14	.58	.07	109	13
1020	.48	.19	.83	475	.16	.67	.10	139	20
1030	.45	.16	.61	479	.10	.51	.10	113	22
1040	.38	.10	.51	503	.05	.46	.16	121	42
1050	.45	.16	1.08	490	.17	.91	.11	202	24
1060	.44	.30	.74	472	.22	.52	.14	118	31
1070	.50	.26	.54	470	.14	.40	.14	80	27
1080	.47	.33	.64	470	.21	.43	.14	91	29
1090	.51	.29	.79	474	.23	.56	.15	109	29
1100	.54	.29	.75	472	.22	.53	.13	98	24
1110	.64	.30	.77	470	.23	.54	.21	84	32
1120	.78	.24	1.07	471	.26	.81	.21	103	26
1130	.59	.24	1.06	471	.25	.81	.22	137	37
1150	.66	.28	1.06	472	.30	.76	.26	115	39
1160	.68	.30	1.38	467	.41	.97	.25	142	36
1170	1.09	.30	1.90	463	.57	1.33	.35	122	32
1180	.66	.28	1.40	471	.39	1.01	.21	153	31
1200	.43	.31	.81	473	.25	.56	.19	130	44
1210	.38	.25	.67	476	.17	.50	.19	131	50
1220	.51	.28	.97	476	.27	.70	.22	137	43
1230	.48	.23	.93	475	.21	.72	.16	150	33
1240	.44	.30	.77	471	.23	.54	.08	122	18
1250	.26	.29	.28	474	.08	.20	.10	76	38
1260	.44	.32	.90	472	.29	.61	.10	138	22
1280	.09	.75	.08	376	.06	.02	.08	22	88
1290	.05	1.00	.02	0	.02	.00	.11	0	220
1300	.05	.00	.01	0	.00	.01	.09	20	180
1310	.24	.29	.21	482	.06	.15	.22	62	91
1320	.18	.17	.29	523	.05	.24	.13	133	72
1330	.13	.25	.20	520	.05	.15	.15	115	115
1340	.07	.00	.01	0	.00	.01	.26	14	371
1350	.32	.43	1.09	351	.47	.62	.62	193	193
1360	.19	.33	.36	408	.12	.24	.27	126	142
1370	.23	.20	.20	486	.04	.16	.17	69	73

Para et al Savck 15-32-13-4W5

400 2916

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
1380	.04	.00	.01	0	.00	.01	.06	25	150
1390	.05	1.00	.02	0	.02	.00	.11	0	220
1400	.02	.75	.08	320	.06	.02	.15	100	750
1410	.02	1.00	.01	0	.01	.00	.11	0	550
1420	.06	1.00	.01	0	.01	.00	.15	0	250
1430	.08	.67	.03	423	.02	.01	.22	12	275
1440	.05	1.00	.02	0	.02	.00	.05	0	100
1450	.03	.00	.01	0	.00	.01	.01	33	33
1460	.11	.44	.25	379	.11	.14	.36	127	327
1470	.03	.00	.01	0	.00	.01	.04	33	133
1480	.03	1.00	.03	0	.03	.00	.10	0	333
1490	.49	.55	3.52	405	1.95	1.57	.76	320	155
1500	.17	1.00	.07	0	.07	.00	.06	0	35
1510	.10	1.00	.01	0	.01	.00	.06	0	60
1520	.22	.38	.13	460	.05	.08	.12	36	54
1530	.31	.31	.16	512	.05	.11	.16	35	51
1540	1.84	.04	2.28	478	.08	2.20	.34	119	18
1550	1.50	.06	4.16	469	.27	3.89	.22	259	14
1560	.29	.11	.18	500	.02	.16	.05	55	17
1570	.25	.11	.18	494	.02	.16	.07	64	27
1580	.30	.20	.25	496	.05	.20	.09	66	30
1600	.25	.13	.15	503	.02	.13	.06	52	24
1610	.21	.33	.27	371	.09	.18	.17	85	80
1620	.23	.13	.08	436	.01	.07	.05	30	21
1630	.22	.29	.14	457	.04	.10	.08	45	36
1640	.08	1.00	.01	0	.01	.00	.07	0	87
1650	.13	1.00	.04	0	.04	.00	.17	0	130
1660	.34	.15	.27	498	.04	.23	.14	67	41
1670	.16	.09	.11	473	.01	.10	.12	62	75
1680	.19	.25	.04	460	.01	.03	.22	15	115
1690	.15	1.00	.07	0	.07	.00	.14	0	93
1700	.21	.25	.32	477	.08	.24	.20	114	95
1710	.20	.14	.07	446	.01	.06	.12	30	60
1720	.21	.27	.15	519	.04	.11	.13	52	61
1730	.31	.33	.21	518	.07	.14	.11	45	35
1740	.18	.11	.09	466	.01	.08	.11	44	61
1750	.12	.50	.04	393	.02	.02	.11	16	91
1760	.08	.60	.05	391	.03	.02	.14	25	174
1770	.24	.17	.58	488	.10	.48	.18	200	75

Para et al Savck 15-32-13-4W5

400 2916

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
1780	.18	.15	.33	527	.05	.28	.19	155	105
1790	.12	1.00	.02	0	.02	.00	.18	0	150
1800	.07	1.00	.01	0	.01	.00	.15	0	214
1810	.12	.45	.22	461	.10	.12	.30	100	250
1820	.16	.29	.17	447	.05	.12	.40	75	250
1830	.21	.38	.34	423	.13	.21	.18	100	85
1840	.18	.27	.11	477	.03	.08	.09	44	50
1850	.14	.59	.34	325	.20	.14	.18	100	128
1860	.25	.21	.14	502	.03	.11	.03	44	12
1870	.36	.23	.43	480	.10	.33	.15	91	41
1880	.20	.18	.17	481	.03	.14	.06	70	30
1890	.17	.40	.10	370	.04	.06	.18	35	105
1900	.12	1.00	.06	0	.06	.00	.14	0	116
1910	.08	1.00	.02	0	.02	.00	.04	0	50
1920	.17	.43	.14	372	.06	.08	.18	47	105
1930	.19	.61	.18	324	.11	.07	.16	36	84
1940	.19	.45	.11	375	.05	.06	.12	31	63
1950	.12	1.00	.02	0	.02	.00	.27	0	225
1960	.13	1.00	.06	0	.06	.00	.09	0	69
1970	.06	.86	.07	0	.06	.01	.11	16	183
1980	.08	.50	.08	0	.04	.04	.14	50	174
1990	.06	.50	.08	328	.04	.04	.20	66	333
2000	.10	.50	.08	0	.04	.04	.39	40	390
2010	.11	1.00	.02	0	.02	.00	.13	0	118
2020	.10	1.00	.04	0	.04	.00	.15	0	150
2030	2.43	.40	4.09	332	1.62	2.47	2.36	101	97
2040	.21	.45	.47	387	.21	.26	.30	123	142
2050	.16	.37	.35	462	.13	.22	.12	137	75
2070	.16	1.00	.04	0	.04	.00	.10	0	62
2080	.17	.33	.06	453	.02	.04	.05	23	29
2090	.70	.19	.64	476	.12	.52	.15	74	21
2110	.09	1.00	.05	0	.05	.00	.06	0	66
2120	.25	.15	.13	334	.02	.11	.58	44	232
2130	.09	1.00	.01	0	.01	.00	.11	0	122
2140	.09	.50	.02	0	.01	.01	.07	11	77
2150	.08	1.00	.02	0	.02	.00	.04	0	50
2160	.37	.36	.39	374	.14	.25	.54	67	145
2170	.13	.67	.03	0	.02	.01	.06	7	46
2180	.17	.67	.15	0	.10	.05	.12	29	70

Para et al Savck 15-32-13-4W5

400 2916

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
2190	.01	.00	.01	0	.00	.01	.01	100	100
2200	.12	.91	.11	0	.10	.01	.08	8	66
2220	.05	1.00	.01	0	.01	.00	.06	0	120
2230	.26	.26	.31	344	.08	.23	.67	88	257
2240	1.12	.19	1.50	501	.28	1.22	.19	108	16
2260	69.18	.12	1.94	507	.23	1.71	.42	2	0
2270	2.82	.06	5.40	489	.34	5.06	.38	179	13
2280	.55	.23	.79	495	.18	.61	.30	110	54
2290	.87	.19	1.02	498	.19	.83	.26	95	29
2300	.95	.12	1.00	494	.12	.88	.12	92	12
2310	.61	.23	.47	496	.11	.36	.20	59	32
2320	1.46	.16	1.11	498	.18	.93	.16	63	10
2330	.73	.28	.75	493	.21	.54	.16	73	21
2340	.84	.28	.82	486	.23	.59	.23	70	27
2360	.49	.29	.58	488	.17	.41	.16	83	32
2370	.44	.38	.56	486	.21	.35	.20	79	45
2380	.53	.31	.51	486	.16	.35	.18	66	33
2390	.59	.31	.58	488	.18	.40	.25	67	42
2400	1.02	.44	.78	479	.34	.44	.39	43	38
2410	.51	.51	.35	496	.18	.17	.25	33	49
2420	.24	.36	.11	392	.04	.07	.09	29	37
2430	.10	.63	.08	316	.05	.03	.10	30	100
2440	.07	.64	.11	308	.07	.04	.11	57	157
2450	.05	1.00	.03	0	.03	.00	.06	0	120
2460	.07	.89	.09	0	.08	.01	.14	14	200
2470	.09	1.00	.03	0	.03	.00	.04	0	44
2480	.21	.43	.37	388	.16	.21	.26	100	123
2490	.25	.40	.15	361	.06	.09	.15	36	60
2500	.30	.69	.16	0	.11	.05	.14	16	46
2510	.10	.80	.05	404	.04	.01	.10	10	100
2520	.06	1.00	.02	0	.02	.00	.10	0	166
2530	.11	.33	.12	361	.04	.08	.09	72	81
2540	.06	1.00	.03	0	.03	.00	.07	0	116
2550	.05	.67	.06	0	.04	.02	.12	40	240
2560	.04	.00	.01	0	.00	.01	.03	25	75
2570	.06	1.00	.01	0	.01	.00	.09	0	150
2580	.02	.00	.01	0	.00	.01	.08	50	400
2590	.07	1.00	.02	0	.02	.00	.14	0	200
2600	.05	.00	.01	0	.00	.01	.13	20	260

Para et al Savck 15-32-13-4W5

400 2916

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
2610	.05	1.00	.02	0	.02	.00	.11	0	220
2620	.04	1.00	.01	0	.01	.00	.07	0	174
2630	.04	1.00	.01	0	.01	.00	.10	0	250
2640	.01	.00	.01	0	.00	.01	.01	100	100
2650	.01	1.00	.01	0	.01	.00	.12	0	1200
2660	.04	1.00	.03	0	.03	.00	.36	0	900
2670	.01	.00	.01	0	.00	.01	.18	100	1800
2680	.03	.00	.01	0	.00	.01	.08	33	266
2690	.01	1.00	.01	0	.01	.00	.07	0	699
2700	.01	.00	.01	0	.00	.01	.04	100	400
2710	.01	.00	.01	0	.00	.01	.07	100	699
2720	.08	.43	.07	343	.03	.04	.15	50	187
2730	.01	.00	.01	0	.00	.01	.04	100	400
2740	.01	.50	.02	0	.01	.01	.14	100	1399
2750	.01	.00	.01	0	.00	.01	.08	100	800
2760	.01	.00	.01	0	.00	.01	.06	100	600
2770	.01	.00	.01	0	.00	.01	.06	100	600
2780	.02	1.00	.01	0	.01	.00	.11	0	550
2790	.05	.50	.04	313	.02	.02	.11	40	220
2800	.03	.80	.10	0	.08	.02	.19	66	633
2810	.02	.00	.01	0	.00	.01	.08	50	400
2820	.01	.00	.01	0	.00	.01	.07	100	699
2830	.01	1.00	.01	0	.01	.00	.13	0	1300
2840	.02	1.00	.03	0	.03	.00	.16	0	800
2850	.04	.91	.22	0	.20	.02	.24	50	600
2860	.02	1.00	.01	0	.01	.00	.20	0	1000
2870	.01	.67	.03	322	.02	.01	.17	100	1700
2880	.01	.00	.01	0	.00	.01	.23	100	2300
2890	.02	.00	.01	0	.00	.01	.49	50	2450
2900	.01	.00	.01	0	.00	.01	.69	100	6900
2905	.02	.60	.05	333	.03	.02	1.53	100	7650
2910	.05	1.00	.01	0	.01	.00	.35	0	700
2913	.79	.81	.36	356	.29	.07	26.64	8	3372
2914	.61	.64	.28	464	.18	.10	.22	16	36
2915	1.12	.55	.47	526	.26	.21	.23	18	20
2916	.85	.46	.57	520	.26	.31	.22	36	25

Livingstone Fm

-456M

Wapiabi Fm

-751

Cardium Fm

-873

Para et al Savck 15-32-13-4W5

400 2916

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***

Blackstone Fm	-919
Blairmore Grp	-1483
Fernie Grp	-2237
Rundle Grp	-2402
Mount Head Fm	-2424
Livingstone Fm	-2552

Joffre et al Trout Creek 10-10-14-1W5 400 3677 100 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
460M	.46	.86	.07	0	.06	.01	.58	2	126
470	.44	.40	.05	326	.02	.03	.67	6	152
480	.34	.00	.01	0	.00	.01	.29	2	85
490	.20	.00	.01	0	.00	.01	.26	5	130
500	.18	1.00	.01	0	.01	.00	.10	0	55
520	.20	1.00	.01	0	.01	.00	.11	0	55
530	.05	1.00	.05	0	.05	.00	.06	0	120
540	.05	1.00	.03	0	.03	.00	.01	0	20
550	.30	.00	.01	0	.00	.01	.09	3	30
560	.23	.00	.01	0	.00	.01	.06	4	26
570	.02	1.00	.01	0	.01	.00	.02	0	100
580	.02	.00	.01	0	.00	.01	.02	50	100
590	.19	1.00	.02	0	.02	.00	.05	0	26
600	.21	1.00	.01	0	.01	.00	.03	0	14
610	.15	1.00	.01	0	.01	.00	.04	0	26
620	.22	.40	.05	372	.02	.03	.04	13	18
630	.13	.33	.03	382	.01	.02	.02	15	15
640	.30	.20	.05	380	.01	.04	.09	13	30
650	.19	.50	.04	371	.02	.02	.03	10	15
660	.27	.40	.05	381	.02	.03	.05	11	18
670	.38	1.00	.01	0	.01	.00	.09	0	23
680	.29	.50	.02	358	.01	.01	.03	3	10
690	.34	.50	.10	318	.05	.05	.17	14	50
700	.26	.50	.06	333	.03	.03	.04	11	15
710	.16	1.00	.01	0	.01	.00	.04	0	25
720	.16	1.00	.01	0	.01	.00	.03	0	18
730	.16	1.00	.11	0	.11	.00	.06	0	37
740	.25	1.00	.05	0	.05	.00	.06	0	24
750	.13	1.00	.02	0	.02	.00	.01	0	7
760	.85	.18	.33	432	.06	.27	.09	31	10
770	.25	.50	.08	0	.04	.04	.01	16	4
780	.27	.67	.06	0	.04	.02	.03	7	11
790	.36	.44	.09	347	.04	.05	.01	13	2
800	.13	1.00	.01	0	.01	.00	.01	0	7
810	.20	1.00	.01	0	.01	.00	.01	0	5
820	.09	.00	.01	0	.00	.01	.01	11	11
830	.22	1.00	.02	0	.02	.00	.01	0	4
840	.30	1.00	.01	0	.01	.00	.01	0	3
850	.38	.20	.15	445	.03	.12	.07	31	18

Joffe et al Trout Creek 10-10-14-1W5 400 3677 100 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
860	.08	1.00	.02	0	.02	.00	.01	0	12
870	.24	.57	.07	420	.04	.03	.06	12	25
880	.21	.36	.11	399	.04	.07	.17	33	80
890	.11	1.00	.01	0	.01	.00	.04	0	36
900	.25	1.00	.02	0	.02	.00	.05	0	20
910	.24	.44	.09	352	.04	.05	.03	20	12
920	.15	1.00	.02	0	.02	.00	.06	0	40
930	.17	1.00	.02	0	.02	.00	.15	0	88
940	.12	1.00	.02	0	.02	.00	.08	0	66
950	.07	1.00	.01	0	.01	.00	.02	0	28
960	.09	.00	.01	0	.00	.01	.01	11	11
970	.27	.43	.07	396	.03	.04	.09	14	33
980	.13	1.00	.01	0	.01	.00	.03	0	23
990	.12	1.00	.01	0	.01	.00	.08	0	66
1000	.13	.00	.01	0	.00	.01	.05	7	38
1010	.16	1.00	.02	0	.02	.00	.16	0	100
1020	.15	1.00	.01	0	.01	.00	.06	0	40
1030	.14	.83	.06	0	.05	.01	.03	7	21
1040	.15	1.00	.02	0	.02	.00	.05	0	33
1050	.17	1.00	.02	0	.02	.00	.06	0	35
1060	.26	.31	.13	442	.04	.09	.08	34	30
1070	.12	1.00	.03	0	.03	.00	.06	0	50
1080	.07	1.00	.01	0	.01	.00	.05	0	71
1090	.13	1.00	.02	0	.02	.00	.05	0	38
1100	.07	1.00	.01	0	.01	.00	.03	0	42
1115	.11	.00	.01	0	.00	.01	.02	9	18
1130	.10	1.00	.03	0	.03	.00	.03	0	30
1145	.18	.75	.04	417	.03	.01	.10	5	55
1160	.13	.67	.06	0	.04	.02	.06	15	46
1170	.12	1.00	.01	0	.01	.00	.05	0	41
1180	.12	.60	.05	0	.03	.02	.10	16	83
1190	.12	.67	.03	0	.02	.01	.11	8	91
1200	.14	1.00	.02	0	.02	.00	.08	0	57
1210	.09	.75	.04	0	.03	.01	.03	11	33
1220	.15	1.00	.01	0	.01	.00	.07	0	46
1230	.16	1.00	.02	0	.02	.00	.14	0	87
1240	.21	.57	.07	0	.04	.03	.05	14	23
1250	.17	.57	.07	300	.04	.03	.08	17	47
1260	.21	.33	.06	324	.02	.04	.21	19	100

Joffre et al Trout Creek 10-10-14-1W5 400 3677 100 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
1270	.23	.28	.18	405	.05	.13	.12	56	52
1280	.16	.23	.13	452	.03	.10	.08	62	50
1290	.19	.14	.21	443	.03	.18	.13	94	68
1300	.42	.19	.37	445	.07	.30	.14	71	33
1310	.13	.42	.12	389	.05	.07	.16	53	123
1320	.38	.26	.35	443	.09	.26	.10	68	26
1330	.24	.41	.17	397	.07	.10	.12	41	50
1340	.07	.70	.10	411	.07	.03	.12	42	171
1350	.37	.26	.34	443	.09	.25	.11	67	29
1360	.20	.18	.22	441	.04	.18	.13	90	65
1370	.19	.33	.21	440	.07	.14	.07	73	36
1380	.07	.56	.09	352	.05	.04	.08	57	114
1390	.13	.39	.18	404	.07	.11	.11	84	84
1400	.30	.32	.28	443	.09	.19	.18	63	60
1410	.17	.42	.19	409	.08	.11	.22	64	129
1420	.40	.20	.50	442	.10	.40	.33	100	82
1430	.58	.27	.67	444	.18	.49	.11	84	18
1440	.25	.39	.23	438	.09	.14	.01	55	4
1450	.08	.70	.10	374	.07	.03	.01	37	12
1460	1.09	.10	1.45	451	.15	1.30	.06	119	5
1470	.44	.25	.56	365	.14	.42	.24	95	54
1480	.33	.29	.28	443	.08	.20	.01	60	3
1490	.77	.16	.76	447	.12	.64	.08	83	10
1500	.22	.42	.19	442	.08	.11	.01	50	4
1510	.69	.20	.30	455	.06	.24	.09	34	13
1520	.51	.21	.42	454	.09	.33	.05	64	9
1530	1.85	.09	1.83	448	.17	1.66	.34	89	18
1540	1.68	.09	2.78	447	.24	2.54	.21	151	12
1550	3.39	.02	12.21	418	.21	12.00	.63	353	18
1560	1.42	.13	2.15	449	.27	1.88	.19	132	13
1570	1.28	.09	1.79	449	.17	1.62	.11	126	8
1580	.68	.16	.87	446	.14	.73	.05	107	7
1590	1.19	.07	1.17	445	.08	1.09	.23	91	19
1600	.51	.18	.50	447	.09	.41	.02	80	3
1610	.76	.10	.70	450	.07	.63	.08	82	10
1620	1.63	.11	2.37	446	.26	2.11	.26	129	15
1630	1.28	.10	1.85	449	.19	1.66	.21	129	16
1640	.35	.23	.22	449	.05	.17	.01	48	2
1650	.55	.16	.57	450	.09	.48	.17	87	30

Joffre et al Trout Creek 10-10-14-1W5 400 3677 100 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
1660	1.40	.09	1.65	451	.15	1.50	.30	107	21
1670	3.32	.02	7.10	442	.13	6.97	.74	209	22
1680	2.06	.07	5.34	445	.37	4.97	.23	241	11
1690	1.79	.11	3.08	448	.33	2.75	.19	153	10
1700	.98	.18	1.71	446	.31	1.40	.12	142	12
1710	.47	.22	.49	448	.11	.38	.15	80	31
1720	.81	.29	.31	447	.09	.22	.31	27	38
1730	.60	.80	.05	332	.04	.01	.35	1	58
1740	1.51	.32	.31	509	.10	.21	.42	13	27
1750	.78	.15	.39	455	.06	.33	.45	42	57
1760	4.83	.04	3.11	457	.13	2.98	.99	61	20
1770	2.45	.30	.30	551	.09	.21	.39	8	15
1780	2.40	.13	.95	449	.12	.83	.67	34	27
1790	5.27	.04	6.87	445	.29	6.58	.90	124	17
1800	6.38	.04	14.84	446	.55	14.29	1.09	223	17
1810	1.69	.07	1.07	454	.08	.99	.28	58	16
1820	1.62	.21	.47	462	.10	.37	.51	22	31
1830	.97	.12	.50	452	.06	.44	.39	45	40
1840	1.55	.73	.30	451	.22	.08	.31	5	20
1850	1.40	.15	1.69	449	.25	1.44	.30	102	21
1860	1.97	.10	2.24	451	.22	2.02	.37	102	18
1870	1.49	.14	1.80	451	.26	1.54	.51	103	34
1880	1.92	.11	2.66	451	.28	2.38	.39	123	20
1890	1.04	.11	.46	450	.05	.41	.25	39	24
1900	1.45	.14	1.24	449	.17	1.07	.37	73	25
1910	1.51	.11	1.96	454	.22	1.74	.16	115	10
1920	1.14	.12	1.11	448	.13	.98	.15	85	13
1930	.85	.22	.83	452	.18	.65	.06	76	7
1940	.77	.18	1.36	447	.24	1.12	.05	145	6
1950	1.09	.15	1.16	452	.17	.99	.07	90	6
1960	.27	.26	.19	447	.05	.14	.07	51	25
1970	1.62	.11	1.20	454	.13	1.07	.55	66	33
1980	1.03	.69	2.93	449	2.01	.92	.32	89	31
1990	3.18	.08	6.84	445	.54	6.30	.90	198	28
2000	5.36	.06	10.97	446	.64	10.33	1.02	192	19
2010	2.04	.07	3.28	446	.24	3.04	.27	149	13
2020	3.78	.05	8.05	440	.38	7.67	.42	202	11
2030	4.03	.06	7.50	446	.46	7.04	.53	174	13
2040	1.18	.11	1.61	447	.17	1.44	.01	122	0

Joffre et al Trout Creek 10-10-14-1W5 400 3677 100 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
2050	.58	.13	.48	446	.06	.42	.02	72	3
2060	.72	.12	.81	447	.10	.71	.01	98	1
2070	.26	.34	.29	444	.10	.19	.01	73	3
2080	.93	.17	1.19	446	.20	.99	.02	106	2
2090	.16	.36	.11	416	.04	.07	.01	43	6
2100	.33	.22	.27	446	.06	.21	.01	63	3
2120	.23	.28	.32	447	.09	.23	.01	100	4
2130	.20	.25	.16	451	.04	.12	.01	60	5
2140	.43	.11	.81	447	.09	.72	.07	167	16
2150	.11	.50	.02	457	.01	.01	.01	9	9
2160	.28	.22	.23	449	.05	.18	.01	64	3
2170	.17	.40	.05	419	.02	.03	.01	17	5
2180	.42	.17	.42	446	.07	.35	.01	83	2
2190	1.00	.16	.96	450	.15	.81	.01	81	1
2200	.76	.14	.71	451	.10	.61	.01	80	1
2210	.58	.22	.45	454	.10	.35	.04	60	6
2220	.98	.13	1.39	444	.18	1.21	.05	123	5
2230	.48	.18	.39	450	.07	.32	.01	66	2
2240	.68	.22	.37	455	.08	.29	.01	42	1
2250	.40	.23	.30	445	.07	.23	.01	57	2
2260	.54	.19	.42	450	.08	.34	.01	62	1
2270	.44	.17	.30	447	.05	.25	.01	56	2
2280	.34	.14	.21	448	.03	.18	.01	52	2
2290	.48	.18	.39	454	.07	.32	.01	66	2
2300	.58	.19	.52	454	.10	.42	.03	72	5
2310	.42	.20	.35	454	.07	.28	.01	66	2
2320	.79	.22	.58	459	.13	.45	.06	56	7
2330	1.25	.21	1.07	458	.23	.84	.27	67	21
2340	.91	.23	.83	458	.19	.64	.23	70	25
2350	2.92	.12	6.41	454	.79	5.62	.60	192	20
2360	1.10	.15	1.93	454	.29	1.64	.37	149	33
2370	.27	.29	.31	455	.09	.22	.03	81	11
2380	1.04	.13	1.68	451	.22	1.46	.16	140	15
2390	.83	.21	.85	456	.18	.67	.12	80	14
2400	.73	.22	.77	454	.17	.60	.10	82	13
2410	1.56	.09	1.69	451	.15	1.54	.30	98	19
2420	.23	.28	.25	448	.07	.18	.01	78	4
2430	.21	.38	.08	462	.03	.05	.01	23	4
2440	.43	.21	.57	450	.12	.45	.03	104	6

Joffre et al Trout Creek 10-10-14-1W5 400 3677 100 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
2450	.25	.32	.40	452	.13	.27	.01	108	4
2460	.60	.19	.83	447	.16	.67	.01	111	1
2470	.29	.25	.32	453	.08	.24	.01	82	3
2480	.19	1.00	.05	0	.05	.00	.01	0	5
2490	.16	1.00	.04	0	.04	.00	.01	0	6
2500	.27	.36	.22	459	.08	.14	.01	51	3
2510	.34	.35	.23	461	.08	.15	.03	44	8
2520	.74	.24	.45	458	.11	.34	.07	45	9
2530	1.07	.38	.80	448	.30	.50	.08	46	7
2540	.92	.33	1.07	457	.35	.72	.14	78	15
2550	1.09	.29	1.75	456	.51	1.24	.07	113	6
2560	1.09	.65	.31	462	.20	.11	.19	10	17
2570	.85	.34	.62	452	.21	.41	.07	48	8
2580	.96	.27	1.78	455	.48	1.30	.07	135	7
2590	.70	.38	1.02	459	.39	.63	.05	90	7
2600	.64	.40	1.01	461	.40	.61	.10	95	15
2610	.77	.36	1.07	456	.38	.69	.10	89	12
2620	.70	.30	.91	461	.27	.64	.02	91	2
2630	.96	.31	1.62	456	.50	1.12	.22	116	22
2640	.98	.25	1.41	457	.35	1.06	.47	108	47
2650	.85	.34	1.10	464	.37	.73	.34	85	40
2660	.85	.34	1.25	458	.42	.83	.27	97	31
2670	.78	.32	1.26	456	.40	.86	.02	110	2
2680	.59	.33	.81	456	.27	.54	.15	91	25
2690	.69	.34	.64	460	.22	.42	.28	60	40
2700	.85	.39	.70	458	.27	.43	.93	50	109
2710	1.04	.29	.84	458	.24	.60	.57	57	54
2720	.83	.34	1.02	460	.35	.67	.07	80	8
2730	.59	.32	.75	463	.24	.51	.02	86	3
2740	.89	.27	1.24	458	.34	.90	.09	101	10
2750	1.00	.28	.96	455	.27	.69	.25	69	25
2760	1.01	.43	.37	459	.16	.21	.19	20	18
2770	.96	.26	.92	458	.24	.68	.09	70	9
2780	.76	.29	.84	462	.24	.60	.10	78	13
2790	.64	.35	.43	467	.15	.28	.20	43	31
2800	.79	.40	.73	462	.29	.44	.12	55	15
2810	.91	.32	.88	465	.28	.60	.04	65	4
2820	.81	.29	.89	455	.26	.63	.07	77	8
2830	.80	.32	1.11	463	.35	.76	.01	95	1

Joffre et al Trout Creek 10-10-14-1W5 400 3677 100 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
2840	.54	.37	.57	460	.21	.36	.12	66	22
2850	.76	.40	.50	461	.20	.30	.55	39	72
2860	.78	.32	.53	462	.17	.36	.41	46	52
2870	.70	.36	.70	461	.25	.45	.23	64	32
2880	.77	.42	.36	467	.15	.21	.76	27	98
2890	.94	.31	.45	456	.14	.31	.34	32	36
2910	.95	.29	.68	462	.20	.48	.10	50	10
2920	1.35	.26	1.65	460	.43	1.22	.20	90	14
2930	1.18	.32	1.42	465	.45	.97	.24	82	20
2940	1.14	.29	1.53	457	.45	1.08	.25	94	21
2950	.63	.44	1.01	468	.44	.57	.09	90	14
2960	.85	.42	1.25	468	.53	.72	.10	84	11
2970	.75	.16	.93	450	.15	.78	.06	104	8
2980	1.15	.24	1.84	454	.44	1.40	.32	121	27
2990	1.25	.34	1.58	463	.53	1.05	.40	84	32
3000	1.01	.33	1.43	457	.47	.96	.34	95	33
3010	1.71	.36	3.11	462	1.13	1.98	.43	115	25
3020	1.29	.36	2.19	464	.78	1.41	.36	109	27
3030	.65	.37	.76	467	.28	.48	.23	73	35
3040	.39	.47	.53	464	.25	.28	.17	71	43
3050	.92	.30	1.07	463	.32	.75	.45	81	48
3060	.50	.35	.99	460	.35	.64	.12	128	24
3070	.78	.30	.66	462	.20	.46	.14	58	17
3080	.53	.25	.57	455	.14	.43	.21	81	39
3090	.30	.25	.16	463	.04	.12	.01	40	3
3100	.28	.26	.34	455	.09	.25	.01	89	3
3110	.08	1.00	.07	0	.07	.00	.02	0	25
3115	.91	.61	1.93	307	1.18	.75	2.49	82	273
3120	.22	.42	.43	444	.18	.25	.01	113	4
3125	.20	.54	.13	0	.07	.06	.01	30	5
3130	.16	.56	.09	314	.05	.04	.01	25	6
3135	.24	.50	.18	326	.09	.09	.01	37	4
3140	.15	.50	.08	0	.04	.04	.01	26	6
3145	.19	.67	.21	0	.14	.07	.03	36	15
3150	.22	.53	.15	370	.08	.07	.01	31	4
3155	.86	.25	.36	500	.09	.27	.02	31	2
3160	.30	.57	.07	354	.04	.03	.01	10	3
3165	.40	.35	.26	475	.09	.17	.03	42	7
3170	.42	.31	.16	446	.05	.11	.01	26	2

Joffre et al Trout Creek 10-10-14-1W5 400 3677 100 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
3175	.50	.28	.32	475	.09	.23	.01	46	2
3180	.19	.25	.08	385	.02	.06	.01	31	5
3190	.38	.13	.60	452	.08	.52	.01	136	2
3195	.17	.33	.09	450	.03	.06	.01	35	5
3200	.89	.17	1.34	444	.23	1.11	.20	124	22
3205	1.06	.09	1.73	447	.16	1.57	.07	148	6
3210	.17	.32	.19	454	.06	.13	.01	76	5
3215	.33	.21	.33	461	.07	.26	.01	78	3
3220	.23	.36	.28	439	.10	.18	.11	78	47
3225	.87	.18	1.49	453	.27	1.22	.19	140	21
3230	.34	.26	.34	455	.09	.25	.13	73	38
3235	.34	.32	.37	459	.12	.25	.07	73	20
3240	.15	.42	.12	0	.05	.07	.01	46	6
3245	.16	.38	.16	332	.06	.10	.01	62	6
3250	.22	.35	.26	436	.09	.17	.01	77	4
3255	.37	.34	.41	433	.14	.27	.01	72	2
3260	.50	.45	.40	422	.18	.22	.15	44	30
3265	.72	.25	.65	457	.16	.49	.01	68	1
3270	.29	.44	.09	457	.04	.05	.01	17	3
3275	.30	.19	.26	445	.05	.21	.01	70	3
3280	.52	.12	.40	457	.05	.35	.01	67	1
3285	.18	.50	.08	426	.04	.04	.01	22	5
3290	.22	.33	.24	448	.08	.16	.01	72	4
3295	.14	.50	.14	454	.07	.07	.01	50	7
3300	.37	.14	.37	445	.05	.32	.02	86	5
3305	.42	.13	.24	477	.03	.21	.01	50	2
3310	.43	.26	.27	465	.07	.20	.01	46	2
3315	.23	.45	.33	414	.15	.18	.01	78	4
3320	.15	.60	.05	329	.03	.02	.01	13	6
3325	.26	.43	.21	441	.09	.12	.01	46	3
3330	.24	.63	.08	341	.05	.03	.01	12	4
3335	.32	.32	.22	472	.07	.15	.01	46	3
3340	1.11	.13	.53	466	.07	.46	.01	41	0
3345	.38	.62	.21	380	.13	.08	.01	21	2
3350	.28	.50	.10	396	.05	.05	.01	17	3
3355	.26	.35	.23	454	.08	.15	.01	57	3
3360	.16	.60	.10	329	.06	.04	.01	25	6
3365	.39	.29	.42	457	.12	.30	.26	76	66
3370	.40	.35	.26	450	.09	.17	.23	42	57

Joffre et al Trout Creek 10-10-14-1W5 400 3677 100 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
3375	.79	.19	.36	511	.07	.29	.07	36	8
3380	.31	.41	.17	371	.07	.10	.01	32	3
3385	.21	.44	.09	343	.04	.05	.01	23	4
3390	.31	.63	.27	0	.17	.10	.01	32	3
3395	.26	1.00	.06	0	.06	.00	.02	0	7
3400	.30	.39	1.06	431	.41	.65	.50	216	166
3405	.95	.29	.66	464	.19	.47	.21	49	22
3410	.26	.34	.76	369	.26	.50	.24	192	92
3415	.48	.19	.31	464	.06	.25	.09	52	18
3420	.33	.23	.22	457	.05	.17	.01	51	3
3425	.39	.75	.04	322	.03	.01	.01	2	2
3430	.32	.70	.20	407	.14	.06	.04	18	12
3435	.85	.31	.85	471	.26	.59	.02	69	2
3440	.63	.18	.55	465	.10	.45	.02	71	3
3445	.22	.29	.21	471	.06	.15	.01	68	4
3450	.31	.23	.30	476	.07	.23	.01	74	3
3455	.22	.53	.15	336	.08	.07	.06	31	27
3460	.25	.37	.27	431	.10	.17	.05	68	20
3465	.20	.44	.09	356	.04	.05	.01	25	5
3470	.19	1.00	.03	0	.03	.00	.06	0	31
3475	.41	.50	.10	463	.05	.05	.04	12	9
3480	.28	.40	.35	375	.14	.21	.02	75	7
3485	.16	.63	.16	423	.10	.06	.01	37	6
3490	.22	.44	.45	438	.20	.25	.01	113	4
3495	.36	.30	.27	490	.08	.19	.01	52	2
3500	.49	.31	.29	487	.09	.20	.16	40	32
3505	.84	.18	.68	471	.12	.56	.17	66	20
3510	.82	.39	.80	470	.31	.49	.12	59	14
3515	1.16	.22	.36	486	.08	.28	.25	24	21
3520	.95	.89	.18	339	.16	.02	.08	2	8
3525	.72	1.00	.16	0	.16	.00	.05	0	6
3530	.74	1.00	.09	0	.09	.00	.12	0	16
3535	.79	.92	.13	387	.12	.01	.20	1	25
3540	.93	.40	.25	506	.10	.15	.50	16	53
3545	.87	.29	.58	484	.17	.41	.49	47	56
3550	.62	.28	.71	478	.20	.51	.15	82	24
3555	.84	.33	.63	477	.21	.42	.13	50	15
3560	.35	.36	.28	451	.10	.18	.04	51	11
3565	.44	.39	.18	387	.07	.11	.08	25	18

Joffre et al Trout Creek 10-10-14-1W5 400 3677 100 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
3570	.31	.33	.09	422	.03	.06	.06	19	19
3575	.27	1.00	.02	0	.02	.00	.01	0	3
3580	.20	1.00	.04	0	.04	.00	.01	0	5
3585	.76	.45	.42	474	.19	.23	.17	30	22
3590	.86	.31	1.02	470	.32	.70	.12	81	13
3595	.41	.32	.47	475	.15	.32	.06	78	14
3600	.65	.39	.38	485	.15	.23	.11	35	16
3605	.50	.29	.14	505	.04	.10	.03	20	6
3610	.15	1.00	.04	0	.04	.00	.16	0	106
3615	.17	1.00	.04	0	.04	.00	.05	0	29
3620	.17	1.00	.01	0	.01	.00	.01	0	5
3625	.10	.00	.01	474	.00	.01	.01	10	10
3630	.69	.24	.92	465	.22	.70	.08	101	11
3635	.12	.75	.04	0	.03	.01	.01	8	8
3640	.08	1.00	.04	0	.04	.00	.01	0	12
3645	.09	.71	.07	0	.05	.02	.01	22	11
3650	.10	1.00	.03	0	.03	.00	.01	0	10
3655	.18	.33	.09	374	.03	.06	.01	33	5
3660	.08	1.00	.01	0	.01	.00	.01	0	12
3665	.09	1.00	.05	0	.05	.00	.06	0	66
3670	.09	1.00	.04	0	.04	.00	.09	0	100
3675	.08	.56	.09	0	.05	.04	.25	50	312
3677	.08	.45	.11	416	.05	.06	.18	75	225

Bearpaw Fm.	-1806M
Belly iver Grp.	-1988
Pakowki Fm.	-2365
Milk iver Fm.	-2393
Colorado Grp.	-2544
Cardium Fm.	-2776
Cardium SS	-2832
Second White Specks	-2993
Barons SS	-3070
Fish Scales Base	-3075
Bow sland SS	-3100
Blairmore Grp.	-3172
Glauconitic SS	-3393
Ostracod Zone	-3411
Kootenay Grp.	-3449

Joffre et al Trout Creek 10-10-14-1W5 400 3677 100 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	*****	*****	*****	*****	*****	*****	***	***

Fernie Grp.	-3461
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Rock Creek Mbr.	-3557
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Poker Chip SH	-3575
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Turner Valley Fm.	-3593
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Mobil Stimson 10-19-15-2W5

0 6720 300 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
30F	.31	.30	1.04	440	.31	.73	.31	235	100
60	1.36	.07	3.95	440	.28	3.67	.45	269	33
90	1.38	.11	4.83	439	.53	4.30	.47	311	34
120	1.18	.13	4.37	438	.55	3.82	.40	323	33
150	1.32	.11	4.63	439	.53	4.10	.35	310	26
180	1.25	.10	4.17	440	.43	3.74	.28	299	22
210	1.12	.09	2.89	439	.25	2.64	.30	235	26
240	.91	.14	1.83	443	.25	1.58	.26	173	28
270	1.00	.15	3.39	440	.51	2.88	.32	288	32
300	.79	.17	1.58	440	.27	1.31	.18	165	22
330	.71	.08	1.11	439	.09	1.02	.17	143	23
360	.98	.11	2.50	441	.28	2.22	.20	226	20
390	1.07	.14	3.56	439	.51	3.05	.42	285	39
420	.91	.13	2.56	442	.34	2.22	.18	243	19
450	.96	.13	2.50	439	.32	2.18	.27	227	28
480	.89	.13	1.64	440	.21	1.43	.16	160	17
510	.91	.13	2.58	440	.34	2.24	.15	246	16
550	.86	.12	2.73	438	.34	2.39	.13	277	15
580	.73	.16	1.25	437	.20	1.05	.14	143	19
610	.74	.14	1.39	438	.19	1.20	.10	162	13
640	.76	.14	1.37	439	.19	1.18	.16	155	21
670	.64	.19	1.05	437	.20	.85	.13	132	20
700	.86	.16	2.09	439	.34	1.75	.18	203	20
730	.65	.18	.83	433	.15	.68	.20	104	30
760	.71	.18	1.30	436	.24	1.06	.15	149	21
790	.65	.17	1.11	437	.19	.92	.12	141	18
820	.86	.17	1.82	441	.31	1.51	.27	175	31
850	.82	.14	1.33	439	.19	1.14	.18	139	21
880	.83	.15	1.61	442	.24	1.37	.31	165	37
910	.78	.19	1.15	438	.22	.93	.21	119	26
940	.68	.18	1.20	440	.21	.99	.35	145	51
970	.20	.05	.21	453	.01	.20	.33	100	165
1020	.89	.10	2.31	433	.23	2.08	1.45	233	162
1050	.61	.10	.72	443	.07	.65	.81	106	132
1080	1.40	.10	8.57	432	.89	7.68	1.25	548	89
1110	1.43	.08	8.64	431	.69	7.95	2.83	555	197
1140	.65	.08	3.77	439	.29	3.48	.53	535	81
1170	.33	.14	1.09	432	.15	.94	1.78	284	539
1200	.10	.13	.23	449	.03	.20	.49	200	490

Mobil Stimson 10-19-15-2W5

0 6720 300 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
1230	.27	.17	.47	445	.08	.39	.40	144	148
1260	.46	.18	1.35	447	.24	1.11	.76	241	165
1290	.40	.12	.76	446	.09	.67	.39	167	97
1320	1.14	.14	1.87	441	.26	1.61	.96	141	84
1350	.90	.17	1.63	443	.27	1.36	.61	151	67
1380	1.44	.11	4.49	439	.51	3.98	1.33	276	92
1410	1.28	.18	5.41	437	.98	4.43	1.37	346	107
1440	1.12	.15	3.72	440	.57	3.15	.69	281	61
1480	1.26	.10	1.37	445	.14	1.23	1.05	97	83
1510	2.40	.05	7.62	441	.35	7.27	.58	302	24
1540	1.40	.09	5.19	441	.49	4.70	.32	335	22
1580	1.02	.07	1.68	442	.12	1.56	.76	152	74
1610	1.00	.17	3.54	441	.61	2.93	.22	293	22
1640	.45	.15	1.23	439	.19	1.04	.18	231	40
1670	.45	.21	1.27	441	.27	1.00	.13	222	28
1700	.34	.22	.82	440	.18	.64	.13	188	38
1730	.40	.23	.90	438	.21	.69	.19	172	47
1760	.44	.19	1.24	441	.23	1.01	.20	229	45
1790	1.15	.20	3.95	437	.79	3.16	.21	274	18
1820	1.58	.31	1.12	439	.35	.77	1.19	48	75
1850	.82	.14	2.69	442	.39	2.30	.21	280	25
1880	.42	.16	1.35	444	.22	1.13	.07	269	16
1910	.38	.10	.82	444	.08	.74	.10	194	26
1950	.19	.45	.76	369	.34	.42	.51	221	268
1980	.11	.38	.16	400	.06	.10	.16	90	145
2010	.25	.33	.24	427	.08	.16	.22	64	88
2040	.29	.29	.35	436	.10	.25	.23	86	79
2070	.34	.21	.29	438	.06	.23	.11	67	32
2110	.37	.23	.39	439	.09	.30	.14	81	37
2140	.42	.24	.38	435	.09	.29	.21	69	50
2170	.17	.37	.19	399	.07	.12	.06	70	35
2200	.14	.47	.15	397	.07	.08	.05	57	35
2230	.83	.05	.56	440	.03	.53	.14	63	16
2260	.41	.15	.48	439	.07	.41	.11	100	26
2290	.25	.21	.19	438	.04	.15	.07	60	27
2320	.24	.34	.29	424	.10	.19	.08	79	33
2350	.10	.00	.01	0	.00	.01	.02	10	20
2380	.02	.00	.01	0	.00	.01	.05	50	250
2410	.05	1.00	.01	0	.01	.00	.02	0	40

Mobil Stimson 10-19-15-2W5

0 6720 300 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
2440	.06	1.00	.02	0	.02	.00	.03	0	50
2470	.07	.43	.07	0	.03	.04	.03	57	42
2500	.09	.38	.08	0	.03	.05	.07	55	77
2530	.12	.25	.12	314	.03	.09	.03	75	25
2560	.16	.25	.08	377	.02	.06	.04	37	25
2590	.08	1.00	.03	0	.03	.00	.05	0	62
2620	.28	.30	.20	413	.06	.14	.10	50	35
2650	.32	.21	.14	453	.03	.11	.06	34	18
2680	.41	.25	.32	453	.08	.24	.09	58	21
2720	.25	.44	.16	407	.07	.09	.13	36	52
2750	.18	.48	.25	405	.12	.13	.18	72	100
2780	.59	.31	3.67	425	1.13	2.54	.35	430	59
2790	2.24	.12	16.49	433	2.05	14.44	.28	644	12
2800	.48	.18	2.05	427	.37	1.68	.21	350	43
2810	.24	.38	.56	400	.21	.35	.17	145	70
2820	.81	.12	4.51	422	.56	3.95	.30	487	37
2830	.35	.27	.96	415	.26	.70	.25	200	71
2840	.76	.14	3.20	427	.46	2.74	.28	360	36
2850	1.37	.06	8.53	434	.52	8.01	.26	584	18
2860	.35	.19	.80	432	.15	.65	.19	185	54
2870	1.68	.06	10.20	431	.65	9.55	.38	568	22
2880	.97	.05	5.29	430	.27	5.02	.29	517	29
2890	.91	.12	2.52	436	.30	2.22	.17	243	18
2900	.66	.12	.69	445	.08	.61	.15	92	22
2910	.74	.10	.60	441	.06	.54	.36	72	48
2920	2.27	.03	4.78	442	.12	4.66	.24	205	10
2930	.60	.11	.81	445	.09	.72	.11	120	18
2940	.49	.12	.49	448	.06	.43	.14	87	28
2950	.59	.09	.44	454	.04	.40	.16	67	27
2960	.65	.11	.65	440	.07	.58	.14	89	21
2970	.42	.10	.50	442	.05	.45	.11	107	26
2980	1.07	.05	1.64	467	.09	1.55	.30	144	28
2990	.38	.21	.39	440	.08	.31	.14	81	36
3000	.29	.29	.34	428	.10	.24	.10	82	34
3010	.66	.18	.87	441	.16	.71	.47	107	71
3020	.34	.27	.49	435	.13	.36	.11	105	32
3050	.19	.30	.44	399	.13	.31	.13	163	68
3080	.20	.41	.34	390	.14	.20	.05	100	25
3110	.29	.29	.38	421	.11	.27	.12	93	41

Mobil Stimson 10-19-15-2W5

0 6720 300 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
3140	.29	.47	.58	382	.27	.31	.16	106	55
3170	.26	.60	.75	343	.45	.30	.43	115	165
3200	.16	.55	.76	362	.42	.34	.16	212	100
3230	.10	.45	.11	322	.05	.06	.10	60	100
3260	.15	.33	.12	428	.04	.08	.12	53	80
3290	.27	.23	.39	442	.09	.30	.17	111	62
3320	.59	.16	.95	445	.15	.80	.21	135	35
3350	.31	.35	.84	447	.29	.55	.35	177	112
3380	.53	.12	1.91	456	.23	1.68	.25	316	47
3410	.36	.17	.52	463	.09	.43	.43	119	119
3440	1.19	.10	1.78	455	.18	1.60	.35	134	29
3470	1.22	.10	2.32	450	.24	2.08	.42	170	34
3500	3.89	.06	11.40	446	.66	10.74	.54	276	13
3530	1.34	.22	1.76	450	.38	1.38	.30	102	22
3560	4.33	.12	23.85	427	2.98	20.87	.58	481	13
3590	1.13	.11	2.55	450	.28	2.27	.41	200	36
3620	2.62	.18	3.07	450	.55	2.52	.46	96	17
3650	1.45	.07	4.51	441	.33	4.18	.34	288	23
3680	.83	.12	.93	452	.11	.82	.22	98	26
3710	.42	.13	.89	449	.12	.77	.19	183	45
3740	.38	.17	1.54	447	.26	1.28	.25	336	65
3760	.47	.17	1.07	448	.18	.89	.30	189	63
3790	1.01	.13	4.27	450	.57	3.70	.26	366	25
3820	.29	.17	.69	446	.12	.57	.19	196	65
3850	.25	.25	1.27	448	.32	.95	.25	380	100
3890	.57	.20	2.74	449	.54	2.20	.39	385	68
3910	.62	.09	3.28	442	.28	3.00	.28	483	45
3940	.33	.28	1.32	348	.37	.95	.76	287	230
3970	.17	.13	.75	449	.10	.65	.09	382	52
4000	.14	.25	.59	441	.15	.44	.09	314	64
4030	.07	.17	.18	442	.03	.15	.09	214	128
4060	.08	.31	.42	450	.13	.29	.11	362	137
4090	.14	.32	.73	452	.23	.50	.09	357	64
4120	.16	.48	.27	419	.13	.14	.09	87	56
4150	.19	.31	.97	445	.30	.67	.13	352	68
4180	.22	.34	.98	446	.33	.65	.13	295	59
4210	.09	.45	.29	408	.13	.16	.06	177	66
4240	.08	.33	.15	435	.05	.10	.08	125	100
4270	.13	.51	.57	405	.29	.28	.11	215	84

Mobil Stimson 10-19-15-2W5

0 6720 300 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
4300	.11	.42	.24	432	.10	.14	.07	127	63
4330	.14	.49	.39	430	.19	.20	.12	142	85
4360	.05	.58	.12	413	.07	.05	.07	100	140
4390	.12	.27	.49	441	.13	.36	.11	300	91
4420	.06	.47	.15	440	.07	.08	.19	133	316
4450	.94	.09	6.17	433	.57	5.60	.22	595	23
4480	.34	.29	1.75	447	.51	1.24	.15	364	44
4510	.18	.35	.72	445	.25	.47	.12	261	66
4540	.06	.50	.18	419	.09	.09	.05	150	83
4560	.07	.27	.11	436	.03	.08	.03	114	42
4580	.17	.25	.56	449	.14	.42	.09	247	52
4590	.12	.29	.48	439	.14	.34	.11	283	91
4600	.23	.62	1.01	388	.63	.38	.20	165	86
4610	.15	.34	.50	430	.17	.33	.08	220	53
4620	.16	.43	.49	404	.21	.28	.15	174	93
4630	.22	.22	.59	452	.13	.46	.01	209	4
4640	.06	.40	.10	390	.04	.06	.01	100	16
4650	.12	.53	.17	418	.09	.08	.01	66	8
4660	.14	.46	.26	439	.12	.14	.05	100	35
4670	.14	.41	.27	445	.11	.16	.06	114	42
4680	.18	.45	.29	431	.13	.16	.10	88	55
4690	.06	.45	.11	325	.05	.06	.01	100	16
4700	.11	.56	.27	404	.15	.12	.14	109	127
4710	.12	.22	.23	444	.05	.18	.03	150	25
4720	.04	.84	.19	0	.16	.03	.21	75	525
4730	.06	.60	.05	0	.03	.02	.06	33	100
4740	.06	1.00	.02	0	.02	.00	.01	0	16
4750	.04	1.00	.02	0	.02	.00	.03	0	75
4760	.09	.92	.12	418	.11	.01	.32	11	355
4770	.31	.09	1.14	432	.10	1.04	.20	335	64
4780	.05	1.00	.03	0	.03	.00	.03	0	60
4790	.06	.56	.09	310	.05	.04	.05	66	83
4800	.06	.86	.07	0	.06	.01	.07	16	116
4810	.05	.83	.06	0	.05	.01	.08	20	160
4820	.05	1.00	.02	0	.02	.00	.01	0	20
4830	.10	.58	.19	397	.11	.08	.15	80	150
4840	.14	.56	.16	373	.09	.07	.14	50	100
4850	.09	.62	.13	357	.08	.05	.14	55	155
4860	.09	.50	.22	411	.11	.11	.22	122	244

Mobil Stimson 10-19-15-2W5

0 6720 300 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
4870	.06	.71	.07	311	.05	.02	.05	33	83
4880	.07	.86	.07	0	.06	.01	.03	14	42
4890	.12	.43	.14	428	.06	.08	.03	66	25
4900	.14	.24	.33	454	.08	.25	.05	178	35
4910	.16	.37	.38	440	.14	.24	.23	150	143
4920	.09	.37	.19	421	.07	.12	.02	133	22
4930	.13	.33	.21	440	.07	.14	.03	107	23
4940	.12	.35	.26	447	.09	.17	.12	141	100
4950	.07	.44	.09	318	.04	.05	.08	71	114
4960	.12	.50	.12	430	.06	.06	.05	50	41
4970	.17	.44	.27	439	.12	.15	.15	88	88
4980	.18	.47	.15	386	.07	.08	.12	44	66
4990	.14	.53	.15	364	.08	.07	.15	50	107
5000	.14	.70	.10	324	.07	.03	.22	21	157
5010	.19	.46	.13	445	.06	.07	.16	36	84
5020	.17	.63	.08	459	.05	.03	.08	17	47
5030	.16	.52	.27	331	.14	.13	.10	81	62
5040	.20	.60	.25	378	.15	.10	.19	50	95
5050	.10	.53	.15	0	.08	.07	.08	70	80
5060	.16	.61	.18	418	.11	.07	.11	43	68
5070	.16	.61	.18	339	.11	.07	.10	43	62
5080	.19	.56	.25	351	.14	.11	.10	57	52
5090	.15	.68	.19	0	.13	.06	.12	40	80
5100	.20	.48	.33	331	.16	.17	.14	85	70
5110	.17	.63	.16	374	.10	.06	.09	35	52
5120	.13	.43	.14	358	.06	.08	.07	61	53
5130	.13	1.00	.06	0	.06	.00	.07	0	53
5140	.10	.64	.11	0	.07	.04	.09	40	90
5150	.11	.50	.14	356	.07	.07	.12	63	109
5160	.10	.44	.09	351	.04	.05	.10	50	100
5170	.07	.44	.09	0	.04	.05	.11	71	157
5180	.08	.63	.08	315	.05	.03	.14	37	174
5190	.08	.38	.13	383	.05	.08	.09	100	112
5200	.09	.25	.20	452	.05	.15	.11	166	122
5210	.09	.50	.10	418	.05	.05	.15	55	166
5220	.09	.40	.10	0	.04	.06	.10	66	111
5230	.12	.33	.15	397	.05	.10	.15	83	125
5240	.09	.57	.07	313	.04	.03	.19	33	211
5250	.09	.78	.09	433	.07	.02	.28	22	311

Mobil Stimson 10-19-15-2W5

0 6720 300 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
5260	.25	.22	1.01	445	.22	.79	.37	316	148
5270	2.69	.05	19.70	439	.97	18.73	.47	696	17
5280	.19	.14	.51	433	.07	.44	.27	231	142
5290	.32	.28	.95	435	.27	.68	.37	212	115
5300	.47	.12	1.88	435	.22	1.66	.38	353	80
5310	.15	.44	.25	400	.11	.14	.33	93	220
5320	.51	.10	2.41	436	.24	2.17	.43	425	84
5330	2.53	.13	18.11	435	2.34	15.77	.54	623	21
5340	.70	.12	3.43	434	.41	3.02	.40	431	57
5350	.71	.13	3.59	435	.47	3.12	.33	439	46
5360	.62	.12	1.22	443	.15	1.07	.24	172	38
5370	2.14	.09	14.47	437	1.37	13.10	.45	612	21
5380	.28	.10	.62	434	.06	.56	.18	200	64
5390	.34	.25	.81	443	.20	.61	.19	179	55
5400	.44	.24	1.02	441	.24	.78	.52	177	118
5410	.54	.11	2.20	435	.24	1.96	.32	362	59
5420	.61	.19	2.35	441	.44	1.91	.34	313	55
5430	.64	.12	2.04	437	.24	1.80	.22	281	34
5440	.29	.21	.63	445	.13	.50	.12	172	41
5450	.43	.23	1.07	447	.25	.82	.18	190	41
5460	.68	.17	2.79	441	.47	2.32	.20	341	29
5470	.50	.18	1.38	444	.25	1.13	.20	226	40
5480	.40	.17	.83	447	.14	.69	.24	172	60
5490	.74	.20	2.92	444	.58	2.34	.27	316	36
5500	.71	.15	3.61	443	.55	3.06	.18	430	25
5510	.52	.18	1.14	443	.21	.93	.18	178	34
5520	.49	.18	1.64	439	.30	1.34	.20	273	40
5530	.48	.17	1.39	438	.23	1.16	.15	241	31
5540	.24	.50	.92	382	.46	.46	.17	191	70
5550	.24	.26	.38	438	.10	.28	.22	116	91
5560	.64	.21	3.07	438	.65	2.42	.49	378	76
5570	1.82	.14	4.03	439	.56	3.47	.44	190	24
5580	1.27	.20	3.81	443	.77	3.04	.27	239	21
5590	.37	.24	.80	450	.19	.61	.13	164	35
5600	.34	.22	.55	440	.12	.43	.12	126	35
5610	.35	.25	.53	440	.13	.40	.16	114	45
5620	1.21	.12	3.39	440	.41	2.98	.32	246	26
5630	.91	.17	1.67	447	.28	1.39	.20	152	21
5640	.59	.21	1.26	441	.26	1.00	.21	169	35

Mobil Stimson 10-19-15-2W5

0 6720 300 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
5650	.83	.16	2.26	443	.36	1.90	.17	228	20
5660	.30	.35	.72	435	.25	.47	.14	156	46
5670	.49	.26	.96	440	.25	.71	.19	144	38
5680	.82	.29	1.77	447	.51	1.26	.34	153	41
5690	1.62	.32	11.34	433	3.62	7.72	.38	476	23
5700	.68	.38	1.63	447	.62	1.01	.28	148	41
5710	.71	.22	1.41	441	.31	1.10	.21	154	29
5720	.80	.17	1.43	446	.25	1.18	.19	147	23
5730	.90	.19	1.63	446	.31	1.32	.27	146	30
5740	1.40	.18	5.29	435	.97	4.32	.35	308	25
5750	.66	.17	1.11	445	.19	.92	.18	139	27
5760	1.06	.12	1.82	446	.22	1.60	.15	150	14
5770	.51	.11	.63	442	.07	.56	.15	109	29
5780	.44	.15	.46	444	.07	.39	.10	88	22
5790	.62	.13	1.03	447	.13	.90	.16	145	25
5800	.61	.10	.82	448	.08	.74	.15	121	24
5810	.71	.14	1.32	450	.19	1.13	.22	159	30
5820	.57	.22	.82	448	.18	.64	.12	112	21
5830	.41	.22	.67	444	.15	.52	.14	126	34
5840	.47	.13	.97	448	.13	.84	.18	178	38
5850	.59	.14	.94	454	.13	.81	.15	137	25
5860	.43	.14	.56	446	.08	.48	.28	111	65
5870	.74	.13	.87	449	.11	.76	.28	102	37
5880	.83	.12	1.12	450	.13	.99	.41	119	49
5890	3.41	.09	10.15	442	.87	9.28	.58	272	17
5900	2.57	.12	12.91	437	1.57	11.34	.60	441	23
5910	1.73	.17	5.89	445	1.03	4.86	.33	280	19
5920	1.07	.19	2.81	450	.54	2.27	.32	212	29
5930	1.88	.12	6.27	439	.73	5.54	.50	294	26
5940	1.18	.23	3.32	447	.77	2.55	.28	216	23
5950	.93	.18	2.49	445	.45	2.04	.25	219	26
5960	.53	.18	1.60	450	.29	1.31	.19	247	35
5970	.74	.28	3.42	444	.96	2.46	.29	332	39
5980	1.05	.22	2.99	446	.65	2.34	.21	222	20
5990	.61	.26	2.05	446	.53	1.52	.12	249	19
6000	.48	.21	1.11	443	.23	.88	.12	183	25
6010	.42	.25	.91	442	.23	.68	.07	161	16
6020	.71	.14	1.31	444	.18	1.13	.12	159	16
6030	.59	.21	1.30	444	.27	1.03	.08	174	13

Mobil Stimson 10-19-15-2W5

0 6720 300 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
6040	.47	.22	.74	442	.16	.58	.16	123	34
6050	.60	.23	2.63	440	.61	2.02	.15	336	25
6060	.86	.24	1.59	442	.38	1.21	.11	140	12
6070	.76	.31	1.80	441	.55	1.25	.12	164	15
6080	.43	.33	1.02	442	.34	.68	.09	158	20
6090	.75	.20	1.53	443	.31	1.22	.15	162	20
6100	1.00	.38	4.07	440	1.54	2.53	.19	253	19
6110	.56	.35	1.46	437	.51	.95	.11	169	19
6120	.71	.20	1.44	440	.29	1.15	.10	161	14
6130	.52	.26	1.00	442	.26	.74	.06	142	11
6140	.60	.21	1.10	441	.23	.87	.06	145	10
6150	.54	.22	1.05	442	.23	.82	.09	151	16
6160	.51	.20	.84	439	.17	.67	.11	131	21
6170	.42	.26	.86	441	.22	.64	.07	152	16
6180	.56	.25	1.15	442	.29	.86	.10	153	17
6190	.50	.20	.96	444	.19	.77	.08	154	16
6200	.55	.23	1.11	443	.25	.86	.13	156	23
6210	.84	.23	1.76	445	.40	1.36	.16	161	19
6220	.79	.31	2.23	445	.70	1.53	.26	193	32
6230	1.21	.24	5.72	440	1.39	4.33	.39	357	32
6240	1.54	.22	8.13	439	1.79	6.34	.28	411	18
6250	.55	.23	1.46	440	.33	1.13	.09	205	16
6260	.71	.20	1.32	443	.27	1.05	.12	147	16
6270	.61	.18	1.16	446	.21	.95	.11	155	18
6280	.51	.25	1.06	444	.27	.79	.12	154	23
6290	1.19	.18	2.80	450	.51	2.29	.22	192	18
6300	.97	.27	2.20	447	.59	1.61	.18	165	18
6310	.69	.14	2.22	429	.32	1.90	.19	275	27
6320	.59	.17	1.15	448	.20	.95	.11	161	18
6330	.60	.20	1.09	446	.22	.87	.18	145	30
6340	.95	.23	4.09	439	.94	3.15	.26	331	27
6350	.43	.31	.88	443	.27	.61	.08	141	18
6360	.60	.21	1.11	445	.23	.88	.21	146	35
6370	.98	.16	2.59	447	.42	2.17	.14	221	14
6380	1.14	.11	1.96	447	.22	1.74	.18	152	15
6390	.63	.20	1.73	445	.34	1.39	.07	220	11
6400	.45	.16	.90	447	.14	.76	.12	168	26
6400	.43	.19	.95	443	.18	.77	.12	179	27
6410	.47	.27	1.32	440	.35	.97	.10	206	21

Mobil Stimson 10-19-15-2W5
0 6720 300 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
6420	.58	.14	1.79	440	.25	1.54	.24	265	41
6430	.41	.22	.76	442	.17	.59	.06	143	14
6440	.57	.15	.94	443	.14	.80	.07	140	12
6450	.54	.17	1.09	444	.19	.90	.25	166	46
6460	.72	.20	1.32	445	.27	1.05	.09	145	12
6470	.65	.23	.99	438	.23	.76	.17	116	26
6480	2.33	.05	3.05	446	.14	2.91	.16	124	6
6490	.67	.17	1.13	443	.19	.94	.10	140	14
6500	.77	.15	1.59	440	.24	1.35	.15	175	19
6510	1.01	.12	1.76	448	.21	1.55	.14	153	13
6520	.95	.11	2.22	440	.24	1.98	.15	208	15
6530	.53	.21	.92	445	.19	.73	.14	137	26
6540	1.35	.08	4.18	443	.33	3.85	.14	285	10
6550	.75	.11	1.23	443	.14	1.09	.07	145	9
6560	.35	.16	.70	445	.11	.59	.07	168	19
6570	.76	.14	1.32	445	.19	1.13	.10	148	13
6580	.48	.18	.66	442	.12	.54	.10	112	20
6590	.50	.25	1.10	436	.28	.82	.09	164	18
6600	.58	.17	1.11	447	.19	.92	.09	158	15
6610	.51	.29	.56	447	.16	.40	.11	78	21
6620	.60	.23	1.45	442	.34	1.11	.05	184	8
6630	.48	.17	.96	444	.16	.80	.06	166	12
6640	.62	.22	1.47	444	.33	1.14	.07	183	11
6650	.51	.19	1.39	442	.27	1.12	.05	219	9
6660	.39	.28	.61	446	.17	.44	.06	112	15
6670	.78	.21	1.56	443	.33	1.23	.14	157	17
6680	.42	.26	.97	445	.25	.72	.05	171	11
6690	.51	.23	1.00	438	.23	.77	.10	150	19
6700	.48	.26	1.00	446	.26	.74	.11	154	22
6710	.35	.30	.74	444	.22	.52	.09	148	25
6720	.66	.24	1.54	443	.37	1.17	.12	177	18

BLAIRMORE GRP	-1427F
DALHOUSIE CGL	-3354
KOOTENAY GRP	-3417
PASSAGE BEDS	-3509
JURASSIC SH	-3608
TURNER VALLEY FM	-3904
ELKTON MBR	-4065

Mobil Stimson 10-19-15-2W5

0 6720 300 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	*****	*****	*****	*****	*****	*****	***	***

SHUNDA FM	-4180
PEKISKO FM	-4334
BANFF FM	-4643
FAULT	-5251

Phillips-Husky Salter "A" 1 3-17-15-4W5 012000

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
750F	.01	.22	.09	408	.02	.07	.67	699	6700
800	.01	.60	.05	516	.03	.02	.14	200	1399
820	.02	.50	.04	306	.02	.02	.24	100	1200
850	.02	.64	.11	485	.07	.04	.07	200	349
890	.05	.58	.12	346	.07	.05	.30	100	600
910	.09	.00	.09	481	.00	.09	.03	100	33
990	.01	.00	.01	588	.00	.01	.04	100	400
1130	.01	.00	.02	577	.00	.02	.02	200	200
1150	.03	.35	.23	436	.08	.15	.27	500	900
1180	.01	.22	.09	509	.02	.07	.05	699	500
1210	.01	.67	.03	326	.02	.01	.11	100	1100
1250	.01	.23	.13	455	.03	.10	.05	1000	500
1280	.01	1.00	.01	0	.01	.00	.05	0	500
1310	.02	.50	.20	414	.10	.10	.16	500	800
1340	.01	.33	.06	494	.02	.04	.06	400	600
1370	.24	.42	1.15	355	.48	.67	.75	279	312
1400	.06	.29	.14	401	.04	.10	.07	166	116
1430	.01	.17	.12	471	.02	.10	.04	1000	400
1460	.01	.21	.19	518	.04	.15	.04	1500	400
1490	.06	.38	.16	456	.06	.10	.09	166	150
1520	.01	.29	.07	402	.02	.05	.11	500	1100
1550	.04	.24	.37	540	.09	.28	.07	699	174
1580	.02	.09	.11	573	.01	.10	.04	500	200
1610	.02	.80	.05	383	.04	.01	.07	50	349
1640	.04	.27	.15	381	.04	.11	.36	275	900
1670	.03	.36	.14	443	.05	.09	.11	300	366
1700	.02	.56	.09	394	.05	.04	.26	200	1300
1730	.08	.30	.82	390	.25	.57	1.71	712	2137
1760	.17	.34	.32	488	.11	.21	.15	123	88
1790	.14	.19	.27	479	.05	.22	.11	157	78
1820	.10	.28	.29	526	.08	.21	.06	210	60
1850	.17	.24	.41	490	.10	.31	.08	182	47
1880	.32	.32	.76	348	.24	.52	.81	162	253
1900	.21	.32	.44	407	.14	.30	.47	142	223
1940	.24	.35	.48	476	.17	.31	.36	129	150
1970	.32	.21	.70	349	.15	.55	.85	171	265
2000	.44	.18	.68	476	.12	.56	.45	127	102
2030	.56	.13	1.21	480	.16	1.05	.43	187	76
2060	.50	.15	.59	485	.09	.50	.50	100	100

Phillips-Husky Salter "A" 1 3-17-15-4W5 012000

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
2090	11.49	.07	46.37	468	3.14	43.23	.95	376	8
2120	.64	.22	1.20	478	.27	.93	.25	145	39
2150	1.95	.23	2.81	473	.66	2.15	.23	110	11
2210	.52	.26	.85	471	.22	.63	.13	121	25
2240	2.45	.22	2.55	472	.55	2.00	.18	81	7
2270	1.44	.28	1.65	470	.47	1.18	.17	81	11
2300	1.57	.25	1.83	474	.46	1.37	.20	87	12
2330	.66	.30	.89	464	.27	.62	.12	93	18
2360	.95	.35	.95	474	.33	.62	.17	65	17
2390	1.48	.27	1.43	478	.39	1.04	.25	70	16
2420	.49	.23	.98	466	.23	.75	.14	153	28
2450	.79	.24	1.36	473	.32	1.04	.12	131	15
2480	1.34	.30	1.43	463	.43	1.00	.17	74	12
2510	1.52	.32	2.02	469	.64	1.38	.19	90	12
2540	.81	.25	1.55	471	.38	1.17	.15	144	18
2570	1.68	.32	2.83	463	.90	1.93	.01	114	0
2610	1.57	.22	1.74	487	.39	1.35	.20	85	12
2630	2.17	.26	2.06	483	.53	1.53	.21	70	9
2660	.99	.18	1.41	498	.25	1.16	.26	117	26
2680	1.13	.16	1.44	498	.23	1.21	.20	107	17
2720	2.11	.24	2.11	488	.50	1.61	.17	76	8
2750	2.06	.33	2.30	475	.76	1.54	.26	74	12
2780	2.03	.23	1.86	485	.42	1.44	.21	70	10
2810	1.59	.47	1.12	462	.53	.59	.18	37	11
2840	2.73	.40	4.44	470	1.79	2.65	.41	97	15
2870	2.77	.35	5.67	433	1.99	3.68	.26	132	9
2900	2.39	.28	2.34	486	.65	1.69	.28	70	11
2930	2.44	.33	5.10	448	1.66	3.44	.26	140	10
2960	2.06	.26	1.94	487	.51	1.43	.26	69	12
2990	2.86	.40	4.92	439	1.97	2.95	.34	103	11
3020	1.88	.26	1.95	492	.51	1.44	.27	76	14
3050	2.03	.27	2.59	490	.70	1.89	.34	93	16
3090	2.51	.70	9.73	399	6.85	2.88	.44	114	17
3110	1.41	.58	4.70	395	2.73	1.97	.34	139	24
3140	1.92	.67	10.27	415	6.92	3.35	.47	174	24
3160	.35	.26	.58	470	.15	.43	.47	122	134
3200	.32	.10	.48	495	.05	.43	.18	134	56
3230	.66	.24	.63	472	.15	.48	.20	72	30
3260	1.25	.13	1.05	492	.14	.91	.25	72	20

Phillips-Husky Salter "A" 1 3-17-15-4W5 012000

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
3290	.48	.35	.84	425	.29	.55	.27	114	56
3320	1.02	.19	.78	490	.15	.63	.27	61	26
3350	.41	.24	.34	489	.08	.26	.18	63	43
3380	.64	.21	.56	505	.12	.44	.39	68	60
3410	.75	.17	.40	506	.07	.33	.25	44	33
3440	1.14	.28	1.16	438	.33	.83	.68	72	59
3470	.75	.29	1.33	415	.38	.95	1.01	126	134
3500	1.12	.13	1.13	489	.15	.98	.43	87	38
3530	.37	.21	.47	485	.10	.37	.36	100	97
3560	.51	.26	.81	426	.21	.60	.30	117	58
3590	.47	.23	.52	495	.12	.40	.13	85	27
3620	.83	.21	.63	488	.13	.50	.35	60	42
3650	.38	.17	.42	485	.07	.35	.07	92	18
3680	.26	.35	.34	471	.12	.22	.09	84	34
3710	.43	.35	.49	440	.17	.32	.19	74	44
3740	.45	.30	.47	481	.14	.33	.07	73	15
3770	1.15	.21	.98	480	.21	.77	.68	66	59
3800	1.04	.17	1.12	492	.19	.93	.29	89	27
3830	.56	.29	.69	470	.20	.49	.16	87	28
3860	.85	.27	.84	489	.23	.61	.24	71	28
3890	.32	.35	.43	431	.15	.28	.07	87	21
3920	.78	.18	1.19	480	.21	.98	.26	125	33
3950	.59	.26	.39	494	.10	.29	.37	49	62
3980	.66	.26	.65	470	.17	.48	.17	72	25
4010	.32	.19	.27	469	.05	.22	.08	68	25
4040	.44	.28	.64	460	.18	.46	.40	104	90
4070	.47	.27	.26	465	.07	.19	.24	40	51
4100	.68	.17	.52	479	.09	.43	.16	63	23
4130	.35	.33	.52	451	.17	.35	.14	100	39
4160	.83	.28	.93	465	.26	.67	.18	80	21
4190	.46	.27	.55	465	.15	.40	.19	86	41
4220	.70	.39	.92	464	.36	.56	.58	79	82
4250	.84	.40	1.18	462	.47	.71	.20	84	23
4280	1.32	.37	1.92	456	.71	1.21	.45	91	34
4310	.54	.32	1.08	462	.35	.73	.23	135	42
4340	.87	.36	1.38	462	.49	.89	.24	102	27
4370	.40	.35	.77	473	.27	.50	.14	125	35
4400	.41	.25	.87	477	.22	.65	.28	158	68
4430	.66	.27	.92	466	.25	.67	.19	101	28

Phillips-Husky Salter "A" 1 3-17-15-4W5 012000

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
4460	.81	.16	1.32	473	.21	1.11	.31	137	38
4490	.67	.14	.85	486	.12	.73	.26	108	38
4520	.37	.24	.51	483	.12	.39	.17	105	45
4550	.26	.27	.26	481	.07	.19	.18	73	69
4580	.48	.32	.57	467	.18	.39	.13	81	27
4610	.68	.20	1.16	473	.23	.93	.20	136	29
4640	.67	.16	1.33	470	.21	1.12	.26	167	38
4670	.47	.26	.91	475	.24	.67	.18	142	38
4700	1.66	.13	2.35	506	.30	2.05	.36	123	21
4730	.58	.18	1.83	460	.33	1.50	.17	258	29
4760	.38	.21	1.31	478	.27	1.04	.12	273	31
4790	.51	.23	1.15	475	.26	.89	.17	174	33
4820	.58	.15	1.56	477	.23	1.33	.26	229	44
4850	.61	.21	1.07	475	.23	.84	.19	137	31
4880	1.03	.29	1.72	465	.50	1.22	.33	118	32
4910	.57	.20	1.45	472	.29	1.16	.34	203	59
4970	.78	.24	1.02	464	.24	.78	.21	100	26
5000	.42	.29	.63	470	.18	.45	.17	107	40
5030	.57	.23	.82	475	.19	.63	.25	110	43
5060	.41	.29	.55	472	.16	.39	.10	95	24
5090	.27	.30	.46	476	.14	.32	.11	118	40
5120	.46	.16	1.22	479	.20	1.02	.22	221	47
5150	.53	.27	.92	469	.25	.67	.16	126	30
5180	.22	.38	.40	330	.15	.25	.51	113	231
5210	.21	.29	.31	475	.09	.22	.28	104	133
5240	.20	.23	.31	454	.07	.24	.42	120	210
5270	.05	.41	.17	485	.07	.10	.13	200	260
5300	.09	.17	.23	513	.04	.19	.16	211	177
5340	.07	.25	.20	500	.05	.15	.15	214	214
5360	.05	.15	.13	499	.02	.11	.09	220	180
5390	.07	.17	.18	492	.03	.15	.12	214	171
5520	.17	.19	.31	500	.06	.25	.20	147	117
5550	.01	.20	.10	522	.02	.08	.18	800	1800
5580	.28	.33	.36	471	.12	.24	.04	85	14
5610	.02	.40	.05	353	.02	.03	.01	150	50
5630	.09	.38	.16	476	.06	.10	.03	111	33
5640	.26	.35	.26	477	.09	.17	.04	65	15
5700	.05	.50	.04	415	.02	.02	.14	40	280
5730	.13	.35	.23	457	.08	.15	.01	115	7

Phillips-Husky Salter "A" 1 3-17-15-4W5 012000

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
5760	.24	.38	.21	484	.08	.13	.09	54	37
5790	.45	.25	.32	478	.08	.24	.35	53	77
5820	.13	.30	.20	453	.06	.14	.06	107	46
5850	.22	.20	.44	487	.09	.35	.13	159	59
5880	.06	.42	.24	428	.10	.14	.09	233	150
5940	1.35	.01	6.73	553	.10	6.63	.13	491	9
5970	.34	.30	.57	473	.17	.40	.20	117	58
6000	.09	.15	.20	476	.03	.17	.10	188	111
6030	.29	.36	.39	469	.14	.25	.04	86	13
6060	.63	.35	.82	471	.29	.53	.12	84	19
6090	.19	.31	.26	478	.08	.18	.18	94	94
6120	.27	.30	.37	476	.11	.26	.01	96	3
6150	.08	.33	.09	442	.03	.06	.01	75	12
6180	.21	.17	.24	489	.04	.20	.01	95	4
6210	.16	.27	.22	500	.06	.16	.06	100	37
6240	.29	.25	.28	486	.07	.21	.07	72	24
6270	.18	.26	.23	494	.06	.17	.12	94	66
6300	.41	.15	.27	500	.04	.23	.03	56	7
6330	.37	.25	.44	478	.11	.33	.12	89	32
6360	.32	.23	.22	496	.05	.17	.07	53	21
6390	.15	.30	.20	485	.06	.14	.01	93	6
6420	.14	.25	.20	498	.05	.15	.01	107	7
6440	.25	.26	.35	491	.09	.26	.01	104	4
6480	.20	.39	.44	475	.17	.27	.11	135	55
6510	.23	.25	.52	474	.13	.39	.06	169	26
6540	.32	.22	.40	507	.09	.31	.03	96	9
6570	.12	.26	.27	500	.07	.20	.04	166	33
6600	.25	.25	.56	493	.14	.42	.16	168	64
6630	.07	.07	.14	533	.01	.13	.06	185	85
6660	.14	.14	.28	581	.04	.24	.10	171	71
6690	.26	.16	.31	499	.05	.26	.09	100	34
6720	.11	.20	.10	532	.02	.08	.05	72	45
6750	.05	.00	.01	422	.00	.01	.04	20	80
6780	.08	.22	.09	547	.02	.07	.06	87	75
6810	.23	.21	.29	477	.06	.23	.08	100	34
6830	.10	.22	.09	497	.02	.07	.04	70	40
6870	.29	.27	.48	478	.13	.35	.08	120	27
6900	.42	.16	.75	491	.12	.63	.14	150	33
6930	.30	.29	.49	478	.14	.35	.26	116	86

Phillips-Husky Salter "A" 1 3-17-15-4W5 012000

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
6960	.18	.19	.26	474	.05	.21	.10	116	55
6990	.20	.14	.07	515	.01	.06	.15	30	75
7020	.32	.35	.37	364	.13	.24	.60	75	187
7050	.13	.20	.15	505	.03	.12	.11	92	84
7080	.12	.21	.14	522	.03	.11	.07	91	58
7110	.27	.14	.36	504	.05	.31	.11	114	40
7140	.18	.35	.20	482	.07	.13	.11	72	61
7190	.29	.21	.29	489	.06	.23	.12	79	41
7230	.23	.26	.38	497	.10	.28	.11	121	47
7260	.32	.22	.37	492	.08	.29	.10	90	31
7290	.27	.15	.34	496	.05	.29	.13	107	48
7320	.44	.13	1.04	507	.14	.90	.29	204	65
7350	.15	.29	.17	486	.05	.12	.02	80	13
7380	.16	.28	.25	518	.07	.18	.17	112	106
7410	.28	.11	.54	506	.06	.48	.20	171	71
7440	.24	.11	.44	493	.05	.39	.15	162	62
7470	.34	.14	.42	487	.06	.36	.03	105	8
7500	.10	.17	.23	483	.04	.19	.15	190	150
7530	.24	.26	.38	492	.10	.28	.14	116	58
7560	.57	.15	.85	504	.13	.72	.27	126	47
7590	.13	.08	.12	510	.01	.11	.13	84	100
7620	.23	.13	.38	532	.05	.33	.22	143	95
7650	.14	.13	.08	514	.01	.07	.17	50	121
7680	.33	.44	.16	463	.07	.09	.28	27	84
7710	.12	.30	.10	475	.03	.07	.21	58	175
7740	.52	.06	.51	507	.03	.48	.24	92	46
7760	.58	.24	.59	480	.14	.45	.16	77	27
7760	.13	.17	.18	532	.03	.15	.18	115	138
7790	.17	.33	.30	480	.10	.20	.19	117	111
7830	.19	.25	.12	483	.03	.09	.12	47	63
7860	.15	.46	.13	411	.06	.07	.14	46	93
7890	.29	.12	.52	518	.06	.46	.33	158	113
7920	.19	.20	.05	469	.01	.04	.37	21	194
7950	.23	.15	.27	501	.04	.23	.18	100	78
7980	.30	.29	.28	484	.08	.20	.29	66	96
8010	.90	.15	.71	493	.11	.60	.32	66	35
8040	.12	.33	.12	481	.04	.08	.33	66	275
8060	.60	.36	.66	479	.24	.42	.26	70	43
8100	.51	.22	.32	495	.07	.25	.16	49	31

Phillips-Husky Salter "A" 1 3-17-15-4W5 012000

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
8130	.21	.24	.25	491	.06	.19	.15	90	71
8160	.65	.23	.39	500	.09	.30	.21	46	32
8190	.43	.19	.27	498	.05	.22	.31	51	72
8220	.29	.37	.27	494	.10	.17	.15	58	51
8250	.96	.29	1.73	500	.51	1.22	1.63	127	169
8280	1.12	.22	1.25	487	.28	.97	.46	86	41
8310	3.31	.26	9.99	431	2.59	7.40	.96	223	29
8340	.68	.20	.64	333	.13	.51	1.41	75	207
8370	1.11	.16	.96	504	.15	.81	.20	72	18
8400	1.81	.09	1.43	505	.13	1.30	.17	71	9
8430	.69	.20	.59	500	.12	.47	.86	68	124
8460	.35	.18	.49	517	.09	.40	.65	114	185
8490	.71	.26	.61	505	.16	.45	.27	63	38
8550	.75	.16	1.16	503	.18	.98	1.12	130	149
8580	.76	.27	.59	491	.16	.43	.33	56	43
8610	.45	.11	.71	515	.08	.63	.25	140	55
8640	.48	.32	.71	492	.23	.48	.37	100	77
8670	.57	.36	1.05	479	.38	.67	.35	117	61
8700	2.99	.07	6.03	486	.41	5.62	.40	187	13
8730	.43	.26	.62	484	.16	.46	.25	106	58
8760	.47	.29	.31	513	.09	.22	.17	46	36
8790	.43	.22	.40	507	.09	.31	.16	72	37
8820	.81	.23	.48	507	.11	.37	.19	45	23
8850	.76	.34	.88	480	.30	.58	.41	76	53
8880	.29	.20	.10	467	.02	.08	.12	27	41
8910	.56	.15	.27	527	.04	.23	.10	41	17
8940	.36	.25	.53	485	.13	.40	.15	111	41
8970	.50	.24	.37	510	.09	.28	.16	55	32
9000	.30	.26	.23	530	.06	.17	.16	56	53
9030	.79	.27	.41	512	.11	.30	.55	37	69
9060	.32	.14	.28	522	.04	.24	.16	75	50
9090	.38	.16	.32	499	.05	.27	.20	71	52
9104	1.85	.03	7.34	429	.19	7.15	.78	386	42
9120	.29	.23	.30	505	.07	.23	.26	79	89
9150	.24	.17	.23	534	.04	.19	.19	79	79
9180	.44	.30	5.35	509	1.60	3.75	.14	852	31
9210	.46	.31	4.51	559	1.39	3.12	.15	678	32
9240	.30	.27	.49	503	.13	.36	.32	120	106
9270	1.06	.34	6.96	530	2.37	4.59	.28	433	26

Phillips-Husky Salter "A" 1 3-17-15-4W5 012000

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
9300	1.75	.22	10.78	520	2.37	8.41	.32	480	18
9330	.82	.20	.99	495	.20	.79	.17	96	20
9360	.41	.26	.61	504	.16	.45	.12	109	29
9390	.86	.16	1.37	507	.22	1.15	.22	133	25
9420	.31	.17	.47	509	.08	.39	.18	125	58
9450	.67	.24	.51	506	.12	.39	.16	58	23
9480	.70	.16	.73	461	.12	.61	.20	87	28
9510	.48	.22	.49	512	.11	.38	.09	79	18
9540	.34	.15	.39	515	.06	.33	.09	97	26
9570	.35	.12	.33	513	.04	.29	.07	82	19
9600	.13	.14	.14	519	.02	.12	.01	92	7
9630	.25	.18	.33	522	.06	.27	.08	108	32
9660	.47	.19	.83	495	.16	.67	.17	142	36
9690	.42	.15	.68	492	.10	.58	.10	138	23
9720	.29	.22	.27	525	.06	.21	.06	72	20
9750	.25	.24	.25	509	.06	.19	.09	76	36
9780	.47	.06	.49	521	.03	.46	.47	97	100
9810	.27	.23	.26	513	.06	.20	.07	74	25
9840	.31	.15	.26	529	.04	.22	.08	70	25
9860	.69	.21	.77	502	.16	.61	.26	88	37
9890	.40	.12	.25	514	.03	.22	.18	55	45
9920	.64	.17	.60	484	.10	.50	.27	78	42
9950	.44	.11	.38	521	.04	.34	.12	77	27
9980	.38	.17	.71	488	.12	.59	.11	155	28
10010	.38	.21	.66	488	.14	.52	.18	136	47
10040	.21	.23	.30	521	.07	.23	.07	109	33
10070	.31	.43	.49	495	.21	.28	.14	90	45
10100	.40	.16	.51	502	.08	.43	.13	107	32
10130	.35	.19	.37	519	.07	.30	.36	85	102
10160	.41	.30	.43	491	.13	.30	.22	73	53
10190	.22	.14	.07	405	.01	.06	.01	27	4
10220	.27	.19	.16	517	.03	.13	.09	48	33
10250	.76	.16	.51	490	.08	.43	.17	56	22
10280	.45	.16	.31	502	.05	.26	.01	57	2
10300	.32	.24	.33	494	.08	.25	.09	78	28
10340	.08	.67	.03	331	.02	.01	.06	12	75
10400	.14	.33	.12	426	.04	.08	.28	57	200
10430	.41	.17	.29	508	.05	.24	.12	58	29
10460	.10	.00	.02	429	.00	.02	.01	20	10

Phillips-Husky Salter "A" 1 3-17-15-4W5 012000

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***

10490	.68	.12	.42	518	.05	.37	.05	54	7
10520	.74	.22	.88	486	.19	.69	.15	93	20
10560	.86	.23	.47	510	.11	.36	.20	41	23
10580	.33	.32	.28	466	.09	.19	.20	57	60
10610	.34	.22	.49	512	.11	.38	.06	111	17
10660	.27	.50	.30	510	.15	.15	.16	55	59
10700	.29	.23	.35	511	.08	.27	.14	93	48
10730	.39	.20	.45	500	.09	.36	.55	92	141
10760	.31	.14	.35	511	.05	.30	.75	96	241
10790	.26	.19	.16	505	.03	.13	.14	50	53
10830	.42	.04	.24	517	.01	.23	.09	54	21
10880	.38	.10	.20	523	.02	.18	.16	47	42
10910	.29	.19	.27	513	.05	.22	.20	75	68
10940	.41	.22	.32	490	.07	.25	.31	60	75
10970	.27	.32	.22	354	.07	.15	.18	55	66
11000	.37	.34	.35	517	.12	.23	.16	62	43
11030	.18	.35	.17	491	.06	.11	.15	61	83
11060	.23	.81	.58	432	.47	.11	.48	47	208
11090	.47	.22	.50	516	.11	.39	.33	82	70
11120	.18	.13	.30	533	.04	.26	.19	144	105
11150	.22	.35	.17	408	.06	.11	.14	50	63
11180	.23	.41	.27	457	.11	.16	.18	69	78
11210	.18	.44	.34	433	.15	.19	.33	105	183
11240	.36	.25	.40	490	.10	.30	.25	83	69
11270	.21	.20	.10	429	.02	.08	.23	38	109
11300	.25	.28	.18	468	.05	.13	.32	52	128
11330	.33	.27	.30	503	.08	.22	.36	66	109
11360	.30	.03	.30	504	.01	.29	.31	96	103
11390	.26	.18	.17	528	.03	.14	.39	53	150
11420	.18	.11	.09	517	.01	.08	.31	44	172

Fernie Grp	-1700F
Kootenay Grp	-3029
Fernie Grp	-3307
Kootenay Grp	-3501
Fernie Grp	-3968
Blairmore Grp	-5150
Dalhousie Cgl	-7921
Kootneay Grp	-8015
Fernie Grp	-8320

Phillips-Husky Salter "A" 1 3-17-15-4W5 012000

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	*****	*****	*****	*****	*****	*****	***	***

Kootenay Grp	-8585
Fernie Grp	-8716
Rocky Mtn. Grp	-9191
Rundle Grp	-9228
Fernie Grp	-9290
Rocky Mtn Grp	-9398
Mount Head Fm	-9428
Livingstone Fm	-9868
Banff Fm	-11105

Shell Pine Creek	12-12-20-2W5	600 9300							
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
610F	.20	.00	.04	445	.00	.04	.17	20	85
640	.09	.29	.07	401	.02	.05	.24	55	266
670	.01	.18	.11	411	.02	.09	.19	900	1900
730	.41	.10	.10	412	.01	.09	.22	21	53
760	.24	.25	.08	371	.02	.06	.29	25	120
790	.21	.33	.06	356	.02	.04	.14	19	66
820	.28	.25	.04	343	.01	.03	.15	10	53
850	.57	.19	.16	436	.03	.13	.18	22	31
880	.45	.13	.16	443	.02	.14	.20	31	44
910	.76	.09	.44	437	.04	.40	.23	52	30
940	.16	.17	.06	441	.01	.05	.13	31	81
970	.08	.00	.01	0	.00	.01	.04	12	50
1060	.25	.13	.08	404	.01	.07	.11	27	44
1090	.46	.13	.08	386	.01	.07	.12	15	26
1120	.24	.20	.05	438	.01	.04	.18	16	75
1150	.30	.20	.15	443	.03	.12	.20	40	66
1190	.22	.17	.06	450	.01	.05	.08	22	36
1210	.36	.00	.03	404	.00	.03	.11	8	30
1240	.09	.40	.05	312	.02	.03	.19	33	211
1270	.30	.00	.06	395	.00	.06	.16	20	53
1300	.37	.00	.05	371	.00	.05	.08	13	21
1330	.15	.00	.02	328	.00	.02	.12	13	80
1360	.05	.00	.01	0	.00	.01	.01	20	20
1390	.71	.05	.21	443	.01	.20	.14	28	19
1420	.36	.22	.09	431	.02	.07	.11	19	30
1450	.19	.50	.02	346	.01	.01	.05	5	26
1480	.16	.17	.06	357	.01	.05	.17	31	106
1510	4.99	.10	14.88	444	1.44	13.44	.50	269	10
1540	2.62	.07	1.32	413	.09	1.23	.83	46	31
1570	2.28	.10	.58	443	.06	.52	.66	22	28
1600	.29	.11	.09	440	.01	.08	.11	27	37
1630	.29	.14	.07	436	.01	.06	.10	20	34
1660	.34	.10	.20	453	.02	.18	.20	52	58
1690	.33	.00	.05	446	.00	.05	.11	15	33
1720	.01	.08	.12	461	.01	.11	.10	1100	1000
1750	.14	.27	.11	414	.03	.08	.12	57	85
1780	.72	.09	.45	441	.04	.41	.28	56	38
1810	.07	.50	.04	428	.02	.02	.10	28	142
1840	.05	.00	.01	0	.00	.01	.09	20	180

Shell Pine Creek		12-12-20-2W5		600 9300					
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
1870	.25	.25	.12	444	.03	.09	.13	36	52
1900	.91	.10	.21	440	.02	.19	.20	20	21
1930	.28	.14	.07	447	.01	.06	.05	21	17
1960	.32	.13	.16	439	.02	.14	.11	43	34
1990	.26	.00	.05	419	.00	.05	.07	19	26
2020	.01	.00	.03	341	.00	.03	.05	300	500
2050	.28	.17	.06	411	.01	.05	.17	17	60
2080	.34	.38	.08	362	.03	.05	.08	14	23
2110	.30	.15	.13	445	.02	.11	.15	36	50
2140	.29	.22	.09	409	.02	.07	.15	24	51
2170	.02	.00	.01	0	.00	.01	.02	50	100
2200	.33	.11	.19	439	.02	.17	.11	51	33
2230	1.31	.06	1.03	439	.06	.97	.22	74	16
2260	.33	.10	.21	441	.02	.19	.12	57	36
2290	.04	.10	.49	439	.05	.44	.19	1100	475
2320	.56	.11	.37	443	.04	.33	.13	58	23
2350	.36	.13	.16	447	.02	.14	.11	38	30
2380	.92	.13	.62	439	.08	.54	.17	58	18
2410	.07	.00	.01	447	.00	.01	.07	14	100
2440	.32	.20	.25	444	.05	.20	.22	62	68
2470	.72	.11	.66	442	.07	.59	.24	81	33
2500	.91	.09	.93	442	.08	.85	.28	93	30
2530	.64	.13	.46	439	.06	.40	.20	62	31
2560	.55	.20	.54	443	.11	.43	.30	78	54
2590	.38	.08	.13	442	.01	.12	.14	31	36
2620	.40	.23	.39	439	.09	.30	.23	75	57
2650	.33	.16	.19	440	.03	.16	.15	48	45
2680	.28	.17	.18	442	.03	.15	.11	53	39
2710	.29	.25	.24	437	.06	.18	.10	62	34
2740	.35	.18	.17	442	.03	.14	.17	39	48
2770	.32	.23	.22	442	.05	.17	.18	53	56
2800	.25	.16	.19	444	.03	.16	.09	64	36
2830	.30	.18	.17	442	.03	.14	.12	46	40
2860	.10	.50	.14	424	.07	.07	.26	70	260
2890	.42	.57	.67	402	.38	.29	.25	69	59
2920	.43	.34	.35	436	.12	.23	.18	53	41
2950	.11	.36	.11	428	.04	.07	.08	63	72
2980	.35	.17	.24	443	.04	.20	.09	57	25
3010	.49	.23	.56	442	.13	.43	.26	87	53

Shell Pine Creek		12-12-20-2W5		600 9300					
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
3040	.35	.22	.23	441	.05	.18	.12	51	34
3070	1.69	.67	14.04	361	9.46	4.58	.46	271	27
3100	3.37	.10	3.68	442	.36	3.32	.68	98	20
3130	.66	.19	.57	441	.11	.46	.30	69	45
3160	.01	.25	.24	443	.06	.18	.30	1800	3000
3190	.49	.12	.41	440	.05	.36	.13	73	26
3220	.25	.13	.24	442	.03	.21	.17	84	68
3250	.72	.52	4.12	362	2.16	1.96	.87	272	120
3280	.51	.35	1.03	434	.36	.67	.30	131	58
3310	.66	.11	.63	441	.07	.56	.36	84	54
3340	1.04	.21	1.49	443	.31	1.18	.29	113	27
3370	.69	.16	.70	439	.11	.59	.49	85	71
3400	.50	.14	.50	440	.07	.43	.16	86	32
3430	.48	.12	.34	439	.04	.30	.18	62	37
3460	.35	.08	.12	443	.01	.11	.13	31	37
3490	.70	.18	.56	441	.10	.46	.39	65	55
3520	.53	.10	.40	439	.04	.36	.12	67	22
3550	.53	.11	.56	441	.06	.50	.17	94	32
3580	.90	.09	.65	442	.06	.59	.20	65	22
3610	.06	.10	.80	442	.08	.72	.22	1200	366
3640	.87	.12	.76	442	.09	.67	.35	77	40
3670	.65	.12	.51	445	.06	.45	.15	69	23
3700	.22	.17	.12	439	.02	.10	.32	45	145
3730	2.71	.07	4.11	443	.27	3.84	.73	141	26
3760	1.58	.09	1.52	445	.13	1.39	.59	87	37
3790	.68	.15	.46	441	.07	.39	.53	57	77
3820	.67	.11	.57	441	.06	.51	.17	76	25
3850	.39	.08	.25	439	.02	.23	.07	58	17
3880	2.28	.06	1.78	437	.11	1.67	.75	73	32
3910	1.05	.08	1.04	443	.08	.96	.26	91	24
3940	.68	.08	.60	443	.05	.55	.10	80	14
3970	1.19	.05	.95	439	.05	.90	.20	75	16
4000	1.50	.10	2.26	444	.22	2.04	1.16	136	77
4030	.90	.07	.72	442	.05	.67	.19	74	21
4060	1.39	.07	1.79	440	.13	1.66	.36	119	25
4090	.83	.10	.99	440	.10	.89	.29	107	34
4120	1.03	.11	1.03	442	.11	.92	.46	89	44
4150	.57	.08	.60	442	.05	.55	.19	96	33
4180	1.10	.09	1.20	443	.11	1.09	.28	99	25

Shell Pine Creek		12-12-20-2W5		600 9300					
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
4210	.62	.16	.80	442	.13	.67	.45	108	72
4240	5.40	.04	12.41	442	.48	11.93	1.06	220	19
4270	1.44	.05	1.86	447	.10	1.76	.35	122	24
4300	.45	.16	.57	442	.09	.48	.24	106	53
4330	.27	.14	.21	448	.03	.18	.21	66	77
4360	.86	.11	.76	441	.08	.68	.45	79	52
4390	1.95	.08	2.39	445	.20	2.19	.60	112	30
4420	1.49	.15	2.52	445	.38	2.14	.37	143	24
4450	.67	.08	.49	440	.04	.45	.18	67	26
4480	2.23	.06	2.09	443	.13	1.96	.34	87	15
4510	.64	.08	.59	446	.05	.54	.36	84	56
4550	.01	.17	.18	459	.03	.15	2.34	1500	70
4570	.48	.12	.43	442	.05	.38	.35	79	72
4600	.91	.09	1.59	443	.14	1.45	.79	159	86
4630	1.41	.08	1.57	447	.12	1.45	.63	102	44
4660	.62	.11	1.00	443	.11	.89	.70	143	112
4690	.96	.09	.75	444	.07	.68	.47	70	48
4720	.10	.32	1.23	441	.39	.84	.64	840	640
4750	.45	.10	.42	444	.04	.38	.22	84	48
4780	.45	.13	.61	441	.08	.53	.35	117	77
4810	.08	.20	.10	429	.02	.08	.11	100	137
4840	.38	.14	.59	442	.08	.51	.23	134	60
4870	2.82	.04	5.42	436	.21	5.21	.89	184	31
4890	.34	.10	.42	444	.04	.38	.27	111	79
4930	.28	.53	.30	449	.16	.14	.38	50	135
4960	.63	.16	1.52	443	.25	1.27	.63	201	100
4990	.23	.43	2.88	439	1.23	1.65	.97	717	421
5020	1.75	.06	3.44	444	.21	3.23	.89	184	50
5050	.74	.35	1.44	439	.50	.94	.64	127	86
5070	1.12	.26	4.28	406	1.10	3.18	3.39	283	302
5120	1.24	.42	5.02	438	2.13	2.89	.73	233	58
5150	.71	.08	.62	450	.05	.57	.40	80	56
5180	.41	.20	.64	443	.13	.51	.44	124	107
5210	.85	.42	2.04	441	.86	1.18	.54	138	63
5240	1.03	.08	1.30	443	.11	1.19	.42	115	40
5270	.48	.13	.38	445	.05	.33	.30	68	62
5300	.45	.12	.33	444	.04	.29	.15	64	33
5330	.59	.19	.59	443	.11	.48	.45	81	76
5360	.79	.38	1.38	441	.52	.86	.40	108	50

Shell Pine Creek		12-12-20-2W5		600 9300					
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
5390	1.59	.14	2.22	443	.31	1.91	.58	120	36
5420	.02	.18	.34	446	.06	.28	.27	1399	1350
5450	1.32	.14	1.68	445	.24	1.44	.44	109	33
5480	.84	.20	.87	446	.17	.70	.61	83	72
5510	.60	.22	.51	442	.11	.40	.40	66	66
5540	.82	.59	3.11	435	1.83	1.28	.50	156	60
5570	1.09	.21	1.68	447	.36	1.32	.49	121	44
5600	1.03	.17	.40	443	.07	.33	.35	32	33
5630	.67	.13	.70	442	.09	.61	.33	91	49
5660	.86	.17	.98	446	.17	.81	.38	94	44
5690	.78	.14	.93	446	.13	.80	.36	102	46
5720	.68	.34	1.12	441	.38	.74	.38	108	55
5750	.04	.39	.56	438	.22	.34	.26	850	650
5780	.50	.17	.48	441	.08	.40	.17	80	34
5810	1.79	.22	3.03	446	.67	2.36	.66	131	36
5840	.46	.11	.38	444	.04	.34	.18	73	39
5870	.90	.13	.93	438	.12	.81	.65	90	72
5900	.39	.25	.28	458	.07	.21	.32	53	82
5930	.65	.20	.87	445	.17	.70	.25	107	38
5960	.78	.14	.96	444	.13	.83	.40	106	51
5990	.60	.13	.62	444	.08	.54	.29	90	48
6020	.46	.17	.69	447	.12	.57	.35	123	76
6050	.76	.20	.99	444	.20	.79	.42	103	55
6080	.74	.18	1.13	443	.20	.93	.25	125	33
6110	.96	.18	2.57	443	.45	2.12	.51	220	53
6140	.64	.32	1.89	444	.60	1.29	.53	201	82
6170	.45	.25	.65	445	.16	.49	.24	108	53
6200	.71	.16	1.31	443	.21	1.10	.40	154	56
6230	1.16	.20	3.78	444	.77	3.01	.54	259	46
6260	.74	.11	1.03	446	.11	.92	.34	124	45
6290	.89	.16	2.35	443	.38	1.97	.36	221	40
6320	.79	.20	1.08	443	.22	.86	.29	108	36
6350	.76	.17	1.43	446	.24	1.19	.26	156	34
6380	.75	.14	1.40	448	.19	1.21	.21	161	28
6410	.62	.19	1.19	446	.23	.96	.28	154	45
6440	.70	.19	1.27	446	.24	1.03	.21	147	29
6470	.69	.14	1.11	449	.15	.96	.14	139	20
6500	.83	.21	1.53	448	.32	1.21	.19	145	22
6530	.73	.16	1.64	447	.26	1.38	.18	189	24

Shell Pine Creek		12-12-20-2W5		600 9300					
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
6560	.70	.21	1.02	445	.21	.81	.20	115	28
6590	.72	.18	1.31	445	.23	1.08	.17	150	23
6620	.91	.21	1.74	448	.36	1.38	.24	151	26
6650	.84	.15	.93	449	.14	.79	.17	94	20
6680	.68	.22	1.57	446	.34	1.23	.19	180	27
6710	.79	.18	1.75	448	.31	1.44	.21	182	26
6740	.47	.16	1.07	448	.17	.90	.13	191	27
6770	.83	.19	2.01	449	.38	1.63	.14	196	16
6800	.63	.18	1.78	448	.32	1.46	.16	231	25
6830	.76	.16	1.65	451	.27	1.38	.20	181	26
6860	.89	.12	1.92	451	.23	1.69	.18	189	20
6890	.41	.15	.62	447	.09	.53	.09	129	21
6920	.90	.14	1.24	446	.17	1.07	.15	118	16
6950	.55	.19	1.13	450	.22	.91	.09	165	16
6980	.68	.19	1.56	444	.29	1.27	.14	186	20
7010	1.04	.14	1.89	449	.27	1.62	.13	155	12
7040	.78	.17	1.57	450	.26	1.31	.14	167	17
7070	.56	.17	.72	445	.12	.60	.12	107	21
7100	.76	.14	1.05	447	.15	.90	.15	118	19
7130	1.35	.12	2.04	446	.24	1.80	.22	133	16
7160	.80	.17	1.68	448	.29	1.39	.13	173	16
7190	.55	.18	.94	449	.17	.77	.14	140	25
7220	.52	.21	1.11	450	.23	.88	.21	169	40
7250	.72	.18	2.55	455	.47	2.08	.14	288	19
7280	.78	.21	2.17	452	.45	1.72	.19	220	24
7310	.52	.19	1.50	454	.29	1.21	.08	232	15
7340	.83	.27	2.47	450	.66	1.81	.22	218	26
7370	.69	.26	1.78	452	.46	1.32	.13	191	18
7400	.46	.24	1.09	451	.26	.83	.16	180	34
7430	1.10	.20	3.98	452	.78	3.20	.22	290	20
7460	.78	.19	2.17	452	.42	1.75	.24	224	30
7490	.68	.23	2.17	453	.49	1.68	.22	247	32
7520	.60	.20	2.10	454	.43	1.67	.20	278	33
7550	.84	.19	1.46	444	.28	1.18	.19	140	22
7580	.59	.26	2.59	454	.67	1.92	.17	325	28
7610	.55	.28	1.87	451	.52	1.35	.13	245	23
7630	.68	.29	1.99	453	.57	1.42	.10	208	14
7660	.50	.23	2.18	449	.50	1.68	.17	336	34
7690	.66	.31	2.42	450	.75	1.67	.18	253	27

Shell Pine Creek		12-12-20-2W5		600 9300					
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
7720	.50	.13	1.51	453	.20	1.31	.09	262	18
7750	.75	.23	2.26	446	.53	1.73	.15	230	20
7780	.72	.34	1.71	452	.58	1.13	.12	156	16
7810	.45	.27	1.10	454	.30	.80	.18	177	40
7850	.41	.14	.42	471	.06	.36	.08	87	19
7870	.29	.23	.57	452	.13	.44	.06	151	20
7900	.29	.17	.65	454	.11	.54	.07	186	24
7930	.34	.18	.51	452	.09	.42	.07	123	20
7960	.30	.39	.67	434	.26	.41	.19	136	63
7990	.25	.28	.39	445	.11	.28	.08	111	32
8020	.36	.17	.63	463	.11	.52	.12	144	33
8050	.45	.20	1.01	456	.20	.81	.19	180	42
8080	.43	.17	1.05	447	.18	.87	.16	202	37
8110	.38	.24	1.00	452	.24	.76	.18	200	47
8140	.22	.33	.64	446	.21	.43	.17	195	77
8170	.40	.27	1.24	449	.33	.91	.16	227	40
8200	.14	.35	.17	458	.06	.11	.05	78	35
8230	.17	.38	.24	438	.09	.15	.09	88	52
8260	.43	.36	2.08	390	.74	1.34	.43	311	100
8290	.17	.33	.18	461	.06	.12	.08	70	47
8320	.09	.50	.08	371	.04	.04	.04	44	44
8350	.88	.30	2.10	449	.64	1.46	.43	165	48
8380	.35	.16	.32	455	.05	.27	.19	77	54
8410	.31	.16	.96	454	.15	.81	.13	261	41
8440	.29	.15	.33	465	.05	.28	.09	96	31
8470	.07	.16	.88	463	.14	.74	.15	1057	214
8500	1.39	.15	2.65	448	.40	2.25	.24	161	17
8530	.19	.22	.09	465	.02	.07	.11	36	57
8560	.98	.15	1.24	454	.19	1.05	.18	107	18
8590	.45	.34	1.28	441	.44	.84	.28	186	62
8620	.35	.37	.65	431	.24	.41	.14	117	39
8660	.39	.27	.67	457	.18	.49	.11	125	28
8690	.37	.25	.85	451	.21	.64	.19	172	51
8720	.34	.36	.73	454	.26	.47	.10	138	29
8750	.54	.32	.93	454	.30	.63	.22	116	40
8780	.73	.13	.88	440	.11	.77	.18	105	24
8810	.38	.19	.67	443	.13	.54	.16	142	42
8840	.30	.17	.36	445	.06	.30	.08	100	26
8870	.38	.23	.84	450	.19	.65	.09	171	23

Shell Pine Creek		12-12-20-2W5		600 9300					
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
8900	.49	.14	.77	448	.11	.66	.07	134	14
8930	.70	.18	1.48	445	.26	1.22	.13	174	18
8960	.02	.17	.30	447	.05	.25	.08	1250	400
8983	.22	.81	1.35	356	1.10	.25	.45	113	204
8989	.11	.88	1.36	372	1.20	.16	.29	145	263
8990	.36	.13	.47	450	.06	.41	.11	113	30
8997	.16	.87	1.30	359	1.13	.17	.25	106	156
9000	.61	.17	1.53	448	.26	1.27	.10	208	16
9005	.14	.83	.81	388	.67	.14	.19	100	135
9020	.08	.91	.43	357	.39	.04	.13	50	162
9030	.54	.19	1.00	445	.19	.81	.11	150	20
9040	.31	.15	.61	445	.09	.52	.10	167	32
9040	.02	.57	.07	316	.04	.03	.03	150	150
9050	.20	.44	.39	452	.17	.22	.37	110	185
9060	.01	1.00	.01	0	.01	.00	.01	0	100
9060	.01	.75	.04	450	.03	.01	.01	100	100
9070	.02	.80	.10	303	.08	.02	.02	100	100
9090	.06	.79	.52	389	.41	.11	.09	183	150
9100	.01	.33	.03	309	.01	.02	.01	200	100
9120	.04	.00	.04	360	.00	.04	.04	100	100
9180	.08	.68	.47	396	.32	.15	.32	187	400
9210	.01	.00	.01	0	.00	.01	.01	100	100
9238	.08	.78	.50	388	.39	.11	.14	137	174
9271	.02	.80	.05	336	.04	.01	.01	50	50
9300	.05	.64	.36	383	.23	.13	.05	260	100
Alberta Grp				-5650F					
Highwood Ss				-5940					
Cardium Fm				-6850					
Cardium Ss				-6910					
Jumping Pound Ss				-7430					
Fish Scales Base				-7750					
Blairmore Grp				-7830					
Home Ss				-8580					
Fernie Grp				-8810					
Rundle Grp				-8970					
Upper Porous				-9040					
Middle dense				-9100					
Lower Porous				-9220					
Banff Fm				-9350					

Shell Pine Creek	12-12-20-2W5	600	9300						
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	*****	*****	*****	*****	*****	*****	***	***

Exshaw Fm	-10339
Wabamun Grp	-10355
Stettler Fm	-10375
Calmar Fm	-11000

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013954 300 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
60F	.89	.03	7.36	446	.24	7.12	.53	800	59
90	.45	.38	.16	464	.06	.10	.10	22	22
120	1.09	.12	1.04	457	.12	.92	.15	84	13
150	.82	.14	.43	463	.06	.37	.24	45	29
180	.41	.44	.09	462	.04	.05	.09	12	21
210	.63	.40	.15	468	.06	.09	.08	14	12
240	.92	.24	.34	468	.08	.26	.10	28	10
270	.11	1.00	.06	0	.06	.00	.07	0	63
300	.34	.16	.49	463	.08	.41	.05	120	14
330	.47	.23	.30	457	.07	.23	.09	48	19
360	.73	.23	.48	449	.11	.37	.06	50	8
390	.59	.18	.55	458	.10	.45	.03	76	5
420	.45	.24	.41	457	.10	.31	.04	68	8
450	.54	.13	.61	460	.08	.53	.12	98	22
480	.61	.27	.66	459	.18	.48	.05	78	8
510	.45	.26	.43	456	.11	.32	.08	71	17
540	.62	.20	.65	456	.13	.52	.08	83	12
570	.67	.31	.72	454	.22	.50	.17	74	25
600	.57	.29	.58	458	.17	.41	.06	71	10
630	.51	.20	.79	459	.16	.63	.07	123	13
660	.39	.15	.72	456	.11	.61	.08	156	20
690	.56	.19	1.36	453	.26	1.10	.17	196	30
720	.70	.28	1.88	454	.52	1.36	.29	194	41
750	.50	.22	1.52	450	.33	1.19	.27	238	54
780	.71	.25	1.79	456	.44	1.35	.34	190	47
810	.81	.29	1.68	454	.48	1.20	.23	148	28
840	.70	.28	1.45	458	.41	1.04	.21	148	29
870	.70	.26	1.67	455	.44	1.23	.20	175	28
900	.76	.29	1.59	458	.46	1.13	.21	148	27
930	.77	.31	1.76	457	.54	1.22	.20	158	25
950	.78	.25	.73	462	.18	.55	.20	70	25
980	.73	.31	1.32	460	.41	.91	.33	124	45
1010	.77	.28	1.51	458	.43	1.08	.24	140	31
1040	.70	.25	1.70	458	.43	1.27	.28	181	39
1070	.70	.28	1.66	456	.46	1.20	.25	171	35
1100	.43	.21	.62	458	.13	.49	.12	113	27
1130	.64	.22	1.46	455	.32	1.14	.21	178	32
1160	.57	.27	.97	458	.26	.71	.21	124	36
1190	.69	.26	1.07	457	.28	.79	.21	114	30

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013954 300 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
1220	.60	.31	.72	459	.22	.50	.18	83	30
1250	.69	.24	1.20	461	.29	.91	.19	131	27
1280	.57	.28	.74	460	.21	.53	.18	92	31
1310	.21	.25	1.38	458	.34	1.04	.19	495	90
1340	.71	.32	1.23	458	.39	.84	.20	118	28
1370	.80	.31	1.55	460	.48	1.07	.39	133	48
1400	.87	.28	1.75	460	.49	1.26	.09	144	10
1430	.71	.28	1.77	458	.49	1.28	.25	180	35
1460	.76	.27	1.53	456	.42	1.11	.17	146	22
1490	.92	.26	2.01	454	.52	1.49	.21	161	22
1530	.73	.25	1.33	456	.33	1.00	.17	136	23
1560	.83	.26	1.36	458	.35	1.01	.21	121	25
1590	.57	.28	.96	458	.27	.69	.15	121	26
1620	.74	.28	1.30	459	.36	.94	.08	127	10
1650	.56	.25	.85	462	.21	.64	.06	114	10
1680	.69	.26	1.43	458	.37	1.06	.31	153	44
1710	.63	.23	1.07	462	.25	.82	.09	130	14
1740	.62	.23	.94	459	.22	.72	.09	116	14
1770	.70	.26	.84	460	.22	.62	.16	88	22
1800	.75	.34	1.22	460	.41	.81	.50	108	66
1830	.59	.25	.93	463	.23	.70	.17	118	28
1870	.06	.26	.85	466	.22	.63	.08	1050	133
1900	.57	.30	.86	462	.26	.60	.19	105	33
1930	.14	.32	.77	464	.25	.52	.19	371	135
1960	.60	.27	1.04	467	.28	.76	.12	126	20
1990	.56	.26	.96	464	.25	.71	.17	126	30
2020	.20	.30	1.32	465	.39	.93	.19	465	95
2050	.54	.21	1.32	465	.28	1.04	.21	192	38
2080	.70	.27	1.51	465	.41	1.10	.34	157	48
2110	.47	.25	1.10	468	.27	.83	.14	176	29
2140	.11	.29	.65	465	.19	.46	.33	418	300
2170	.69	.36	1.03	459	.37	.66	.47	95	68
2200	.75	.31	.67	466	.21	.46	.26	61	34
2230	.60	.32	.78	469	.25	.53	.22	88	36
2260	.62	.29	.90	466	.26	.64	.21	103	33
2290	.11	.30	.88	461	.26	.62	.15	563	136
2320	.47	.28	.47	468	.13	.34	.13	72	27
2350	.35	.30	.33	467	.10	.23	.02	65	5
2380	.12	.26	.42	472	.11	.31	.32	258	266

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013954 300 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
2410	.47	.22	.55	475	.12	.43	.06	91	12
2440	.47	.23	.31	482	.07	.24	.06	51	12
2470	.43	.24	.34	485	.08	.26	.05	60	11
2500	.46	.25	.36	473	.09	.27	.13	58	28
2530	.51	.17	.29	478	.05	.24	.06	47	11
2560	.59	.32	.69	474	.22	.47	.17	79	28
2590	.43	.22	.96	474	.21	.75	.18	174	41
2620	.51	.25	.91	474	.23	.68	.30	133	58
2650	.47	.31	.58	467	.18	.40	.08	85	17
2680	.45	.30	.91	463	.27	.64	.12	142	26
2710	.66	.30	1.18	467	.35	.83	.16	125	24
2740	.56	.29	1.03	469	.30	.73	.12	130	21
2770	.63	.28	1.22	467	.34	.88	.16	139	25
2800	.82	.35	1.64	468	.57	1.07	.20	130	24
2830	.71	.34	1.40	469	.47	.93	.28	130	39
2860	.19	.32	1.07	466	.34	.73	.15	384	78
2890	.86	.34	1.52	469	.52	1.00	.19	116	22
2920	.27	.32	1.64	466	.52	1.12	.29	414	107
2950	.67	.33	1.47	468	.48	.99	.39	147	58
2980	.13	.36	1.66	462	.59	1.07	.48	823	369
3010	.37	.24	.99	464	.24	.75	.16	202	43
3040	.12	.30	.83	465	.25	.58	.17	483	141
3070	.36	.30	.53	470	.16	.37	.06	102	16
3100	.32	.25	.61	468	.15	.46	.18	143	56
3130	.09	.25	1.13	470	.28	.85	.21	944	233
3160	.34	.22	.54	470	.12	.42	.09	123	26
3190	.15	.27	.79	468	.21	.58	.07	386	46
3220	.13	.40	.10	435	.04	.06	.01	46	7
3250	.37	.17	.30	476	.05	.25	.01	67	2
3280	.03	1.00	.01	0	.01	.00	.01	0	33
3310	.09	.26	.23	477	.06	.17	.01	188	11
3340	.05	.80	.05	300	.04	.01	.01	20	20
3370	.04	1.00	.07	0	.07	.00	.01	0	25
3400	.04	.50	.04	351	.02	.02	.01	50	25
3430	.24	.27	.15	483	.04	.11	.01	45	4
3460	.04	.50	.04	0	.02	.02	.01	50	25
3490	.58	.12	.42	481	.05	.37	.05	63	8
3520	.07	.50	.04	302	.02	.02	.01	28	14
3550	.01	.00	.01	0	.00	.01	.03	100	300

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013954 300 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
3580	.06	1.00	.01	0	.01	.00	.01	0	16
3610	.07	1.00	.01	0	.01	.00	.01	0	14
3640	.11	1.00	.01	0	.01	.00	.01	0	9
3670	.14	.50	.06	367	.03	.03	.01	21	7
3700	.21	.42	.12	421	.05	.07	.01	33	4
3730	.25	.33	.12	471	.04	.08	.01	32	4
3760	.26	.40	.20	468	.08	.12	.02	46	7
3790	.02	.42	.26	478	.11	.15	.09	750	450
3820	.25	.40	.20	485	.08	.12	.03	48	12
3850	.25	.30	.20	477	.06	.14	.03	55	12
3880	.19	.33	.09	454	.03	.06	.01	31	5
3910	.07	1.00	.01	0	.01	.00	.01	0	14
3940	.15	.57	.07	348	.04	.03	.01	20	6
3970	.18	.33	.09	407	.03	.06	.01	33	5
4000	.17	.20	.10	463	.02	.08	.01	47	5
4040	.19	1.00	.04	0	.04	.00	.02	0	10
4070	.04	.20	.10	485	.02	.08	.01	200	25
4100	.09	.25	.48	478	.12	.36	.02	400	22
4130	.47	.23	.86	476	.20	.66	.06	140	12
4170	.04	.22	.09	488	.02	.07	.01	174	25
4200	.13	.33	.12	478	.04	.08	.01	61	7
4230	.08	.50	.02	328	.01	.01	.01	12	12
4260	.07	.33	.03	441	.01	.02	.01	28	14
4290	.04	.25	.16	489	.04	.12	.02	300	50
4320	.04	1.00	.02	0	.02	.00	.01	0	25
4360	.01	.00	.01	0	.00	.01	.01	100	100
4390	.09	.00	.01	0	.00	.01	.01	11	11
4420	.01	.00	.01	0	.00	.01	.01	100	100
4450	.01	1.00	.01	0	.01	.00	.01	0	100
4480	.04	.38	.08	385	.03	.05	.01	125	25
4520	.16	.33	.03	389	.01	.02	.01	12	6
4550	.04	.60	.05	408	.03	.02	.01	50	25
4580	.13	.32	.22	506	.07	.15	.02	115	15
4610	.15	.10	.20	489	.02	.18	.01	120	6
4640	.02	1.00	.02	0	.02	.00	.01	0	50
4670	.08	.13	.16	509	.02	.14	.01	174	12
4700	.01	.00	.01	0	.00	.01	.01	100	100
4730	.28	.15	.20	520	.03	.17	.13	60	46
4760	4.63	.40	15.48	346	6.20	9.28	9.24	200	199

Esso et al Quirk 5-22-21-5W5

013954 300 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
4790	.28	.17	.12	505	.02	.10	.01	35	3
4830	.45	.08	.36	484	.03	.33	.06	73	13
4860	.49	.09	.34	490	.03	.31	.09	63	18
4890	.11	.00	.01	0	.00	.01	.01	9	9
4920	2.41	.42	6.34	338	2.64	3.70	5.46	153	226
4950	.08	.00	.01	362	.00	.01	.01	12	12
4980	.20	.40	.10	456	.04	.06	.01	30	5
5010	.27	.19	.16	500	.03	.13	.05	48	18
5040	.43	.31	.65	342	.20	.45	1.69	104	393
5070	.32	.13	.24	494	.03	.21	.03	65	9
5100	.10	.40	.05	343	.02	.03	.01	30	10
5130	.06	1.00	.02	0	.02	.00	.02	0	33
5160	.07	1.00	.02	0	.02	.00	.01	0	14
5190	.18	.56	.09	376	.05	.04	.08	22	44
5220	11.25	.49	37.88	334	18.55	19.33	16.14	171	143
5250	8.79	.45	26.57	335	11.87	14.70	13.45	167	153
5280	.09	.00	.01	448	.00	.01	.01	11	11
5310	.17	.33	.06	437	.02	.04	.01	23	5
5340	.16	.60	.05	425	.03	.02	.01	12	6
5370	.15	.29	.07	472	.02	.05	.01	33	6
5400	.59	.22	.55	483	.12	.43	.02	72	3
5430	.53	.18	.44	482	.08	.36	.04	67	7
5460	.56	.17	.53	488	.09	.44	.03	78	5
5490	.29	.38	.26	489	.10	.16	.08	55	27
5520	.49	.28	.50	485	.14	.36	.13	73	26
5550	.42	.31	.32	495	.10	.22	.08	52	19
5580	.31	.25	.20	488	.05	.15	.02	48	6
5610	.22	.27	.15	509	.04	.11	.10	50	45
5640	.19	.42	.12	479	.05	.07	.04	36	21
5670	.57	.17	.40	498	.07	.33	.12	57	21
5700	.38	.25	.20	499	.05	.15	.19	39	50
5730	.28	.31	.16	499	.05	.11	.01	39	3
5760	.40	.14	.28	495	.04	.24	.07	60	17
5790	.13	1.00	.05	0	.05	.00	.01	0	7
5820	.10	.87	.08	487	.07	.01	.09	10	90
5850	1.45	.06	3.21	478	.20	3.01	.63	207	43
5880	2.17	.05	1.78	511	.09	1.69	.01	77	0
5910	2.72	.05	3.38	485	.18	3.20	.32	117	11
5940	2.73	.06	3.60	491	.22	3.38	.29	123	10

Esso et al Quirk 5-22-21-5W5

013954 300 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
5970	3.60	.04	12.32	486	.46	11.86	.42	329	11
6000	1.46	.08	2.29	495	.19	2.10	.34	143	23
6030	1.94	.05	3.78	490	.19	3.59	.22	185	11
6060	.97	.09	1.38	498	.13	1.25	.14	128	14
6090	1.12	.06	1.78	495	.11	1.67	.05	149	4
6120	.39	.16	.25	486	.04	.21	.01	53	2
6150	.41	.20	.45	493	.09	.36	.02	87	4
6180	.33	.26	.50	495	.13	.37	.05	112	15
6210	.08	.18	.17	520	.03	.14	.01	174	12
6240	.17	.26	.27	505	.07	.20	.01	117	5
6270	.15	.20	.15	503	.03	.12	.01	80	6
6300	.45	.26	.50	488	.13	.37	.10	82	22
6330	.33	.23	.43	497	.10	.33	.21	100	63
6360	.41	.12	.42	493	.05	.37	.05	90	12
6390	.51	.13	.54	500	.07	.47	.02	92	3
6420	.37	.24	.38	503	.09	.29	.03	78	8
6450	.84	.13	1.13	504	.15	.98	.08	116	9
6480	.79	.16	1.18	493	.19	.99	.07	125	8
6510	1.51	.05	5.06	479	.23	4.83	.22	319	14
6540	.97	.06	1.56	491	.10	1.46	.06	150	6
6570	.47	.15	.53	498	.08	.45	.01	95	2
6600	.68	.12	.77	500	.09	.68	.02	100	2
6630	.13	.23	1.28	505	.30	.98	.01	753	7
6660	.59	.22	.78	496	.17	.61	.09	103	15
6690	.37	.42	.36	496	.15	.21	.13	56	35
6720	1.12	.16	1.86	486	.30	1.56	1.29	139	115
6750	.28	.28	.25	495	.07	.18	.01	64	3
6780	.40	.36	.58	489	.21	.37	.14	92	35
6810	.30	.40	.42	494	.17	.25	.04	83	13
6840	.26	.43	.30	476	.13	.17	.06	65	23
6870	.21	.32	.22	486	.07	.15	.04	71	19
6900	.97	.21	.87	478	.18	.69	.16	71	16
6940	.39	.32	.41	494	.13	.28	.09	71	23
6960	1.17	.13	1.42	475	.18	1.24	.14	105	11
6990	1.43	.14	1.32	484	.18	1.14	.19	79	13
7020	1.60	.10	1.65	484	.16	1.49	.05	93	3
7050	1.55	.13	1.88	482	.24	1.64	.04	105	2
7080	.01	.00	.04	528	.00	.04	.01	400	100
7110	.92	.17	.71	490	.12	.59	.04	64	4

Esso et al Quirk 5-22-21-5W5

013954 300 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
7140	.32	.31	.26	500	.08	.18	.01	56	3
7170	.27	.30	.27	493	.08	.19	.01	70	3
7200	.65	.16	.73	491	.12	.61	.13	93	20
7230	.81	.18	.97	478	.17	.80	.11	98	13
7260	1.22	.24	1.19	484	.28	.91	.17	74	13
7290	1.24	.20	1.34	488	.27	1.07	.14	86	11
7310	1.61	.12	1.74	483	.21	1.53	.19	95	11
7340	1.59	.18	1.91	488	.35	1.56	.23	98	14
7370	1.39	.21	1.46	486	.30	1.16	.25	83	17
7400	1.51	.38	1.24	470	.47	.77	.17	50	11
7430	.25	.41	.39	496	.16	.23	.12	92	48
7460	.22	.21	.28	498	.06	.22	.03	100	13
7490	.24	.37	.35	498	.13	.22	.03	91	12
7510	.29	.27	.30	501	.08	.22	.02	75	6
7540	.18	.19	.27	489	.05	.22	.01	122	5
7570	.33	.22	.46	484	.10	.36	.01	109	3
7600	.15	.18	.22	493	.04	.18	.01	120	6
7630	.44	.17	.66	484	.11	.55	.04	124	9
7660	.31	.20	.41	488	.08	.33	.05	106	16
7690	.31	.23	.39	492	.09	.30	.02	96	6
7720	.48	.14	.70	484	.10	.60	.07	125	14
7750	.23	.17	.35	499	.06	.29	.02	126	8
7780	.46	.21	.62	481	.13	.49	.08	106	17
7810	.27	.12	.33	490	.04	.29	.04	107	14
7840	.41	.22	.41	495	.09	.32	.06	78	14
7870	.40	.24	.41	492	.10	.31	.06	77	15
7900	.37	.17	.36	493	.06	.30	.03	81	8
7930	.08	.33	.06	443	.02	.04	.01	50	12
7960	.18	.35	.23	496	.08	.15	.01	83	5
7990	.30	.30	.30	488	.09	.21	.04	70	13
8020	.19	.18	.22	514	.04	.18	.01	94	5
8050	.11	.29	.07	475	.02	.05	.01	45	9
8080	.20	.37	.35	426	.13	.22	.04	110	20
8110	.12	.60	.10	404	.06	.04	.01	33	8
8140	.60	.27	.30	528	.08	.22	.01	36	1
8170	.40	.50	.34	531	.17	.17	.09	42	22
8200	.42	.29	.31	533	.09	.22	.01	52	2
8230	.43	.34	.41	526	.14	.27	.15	62	34
8260	.19	.27	.15	498	.04	.11	.01	57	5

Esso et al Quirk 5-22-21-5W5

013954 300 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
8290	.12	.25	.12	466	.03	.09	.01	75	8
8320	.19	.56	.09	405	.05	.04	.01	21	5
8350	.28	.42	.12	476	.05	.07	.01	25	3
8380	.33	.29	.14	542	.04	.10	.01	30	3
8410	.35	.35	.20	498	.07	.13	.10	37	28
8440	1.18	.14	1.75	482	.25	1.50	.27	127	22
8470	.79	.26	1.12	481	.29	.83	.30	105	37
8500	.49	.27	.51	489	.14	.37	.13	75	26
8530	.43	.22	.45	492	.10	.35	.12	81	27
8560	.92	.17	.96	486	.16	.80	.25	86	27
8590	1.39	.13	1.48	484	.19	1.29	.25	92	17
8620	.86	.20	.89	490	.18	.71	.26	82	30
8650	.57	.18	.55	485	.10	.45	.21	78	36
8670	.47	.15	.61	482	.09	.52	.23	110	48
8710	.46	.26	.43	482	.11	.32	.23	69	50
8740	4.67	.45	21.46	333	9.70	11.76	11.33	251	242
8770	.31	.21	.80	474	.17	.63	.05	203	16
8800	.24	.25	.36	476	.09	.27	.01	112	4
8830	.24	.42	.12	490	.05	.07	.02	29	8
8860	.22	.38	.26	472	.10	.16	.04	72	18
8890	.41	.29	.41	494	.12	.29	.07	70	17
8920	.22	.26	.19	492	.05	.14	.02	63	9
8950	.20	.22	.18	488	.04	.14	.01	70	5
8980	.04	.00	.01	0	.00	.01	.01	25	25
9010	.30	.25	.48	479	.12	.36	.05	120	16
9040	.08	.13	.08	479	.01	.07	.01	87	12
9070	.03	.00	.01	0	.00	.01	.01	33	33
9100	.31	.14	.36	488	.05	.31	.01	100	3
9130	.07	1.00	.01	0	.01	.00	.01	0	14
9160	.09	.75	.04	328	.03	.01	.03	11	33
9190	.10	1.00	.02	0	.02	.00	.02	0	20
9220	.29	.20	.20	485	.04	.16	.16	55	55
9250	.25	.14	.14	360	.02	.12	.93	48	372
9280	.10	.50	.04	433	.02	.02	.25	20	250
9310	.13	.00	.20	492	.00	.20	.11	153	84
9340	.01	.00	.01	0	.00	.01	.01	100	100
9370	.17	.25	.28	476	.07	.21	.01	123	5
9400	.28	.36	.22	471	.08	.14	.01	50	3
9430	.16	.60	.05	389	.03	.02	.01	12	6

Esso et al Quirk 5-22-21-5W5

013954 300 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
9460	.03	1.00	.02	0	.02	.00	.01	0	33
9490	.06	1.00	.01	0	.01	.00	.01	0	16
9520	.09	1.00	.04	0	.04	.00	.06	0	66
9550	.21	.60	.10	301	.06	.04	.16	19	76
9580	.10	1.00	.03	0	.03	.00	.04	0	40
9610	.22	.50	.06	422	.03	.03	.03	13	13
9640	.04	1.00	.02	0	.02	.00	.13	0	325
9670	.07	1.00	.02	0	.02	.00	.01	0	14
9700	.06	1.00	.01	0	.01	.00	.05	0	83
9730	.13	.60	.05	324	.03	.02	.50	15	384
9760	.05	.80	.05	302	.04	.01	.14	20	280
9790	.01	.00	.01	0	.00	.01	.01	100	100
9810	.06	.00	.01	374	.00	.01	.15	16	250
9840	.10	1.00	.01	0	.01	.00	.22	0	220
9870	.10	.00	.01	336	.00	.01	.18	10	180
9900	.04	1.00	.01	0	.01	.00	.24	0	600
9930	.04	.00	.01	0	.00	.01	.30	25	750
9960	.01	1.00	.01	0	.01	.00	.13	0	1300
9990	.40	.42	1.06	432	.44	.62	1.11	155	277
10020	.06	.40	.10	402	.04	.06	.22	100	366
10050	.02	.25	.04	470	.01	.03	.08	150	400
10080	.02	.00	.02	410	.00	.02	.01	100	50
10110	.04	.00	.01	0	.00	.01	.01	25	25
10140	.01	.00	.01	0	.00	.01	.01	100	100
10170	.64	.30	.20	404	.06	.14	.88	21	137
10200	.10	.50	.04	0	.02	.02	.35	20	350
10230	.11	1.00	.04	0	.04	.00	.08	0	72
10260	.16	1.00	.05	0	.05	.00	.13	0	81
10290	.05	1.00	.01	0	.01	.00	.02	0	40
10320	.12	1.00	.02	0	.02	.00	.10	0	83
10350	.16	1.00	.01	0	.01	.00	.25	0	156
10380	.14	1.00	.01	0	.01	.00	.01	0	7
10410	.08	.00	.01	0	.00	.01	.03	12	37
10440	.07	1.00	.01	0	.01	.00	.05	0	71
10470	.06	1.00	.02	0	.02	.00	.09	0	150
10500	.15	.25	.08	482	.02	.06	.10	40	66
10530	.03	1.00	.01	0	.01	.00	.02	0	66
10560	.40	.13	2.11	426	.28	1.83	1.03	457	257
10590	.04	.00	.01	0	.00	.01	.10	25	250

Esso et al Quirk 5-22-21-5W5

013954 300 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
10620	.02	1.00	.01	0	.01	.00	.01	0	50
10650	.02	.00	.01	0	.00	.01	.01	50	50
10680	.13	.50	.12	379	.06	.06	.09	46	69
10710	.10	.40	.05	375	.02	.03	.07	30	70
10740	.11	.75	.04	405	.03	.01	.35	9	318
10770	.31	.37	.19	342	.07	.12	1.02	38	329
10800	.21	.46	.13	398	.06	.07	.10	33	47
10830	.20	.50	.12	439	.06	.06	.13	30	65
10860	.12	.60	.05	446	.03	.02	.09	16	75
10890	.23	.69	.16	410	.11	.05	.07	21	30
10920	.08	1.00	.03	0	.03	.00	.01	0	12
10950	.20	.47	.17	471	.08	.09	.03	45	15
10980	.17	.67	.06	399	.04	.02	.11	11	64
11010	.08	1.00	.02	0	.02	.00	.02	0	25
11040	.01	1.00	.01	0	.01	.00	.01	0	100
11070	.05	1.00	.02	0	.02	.00	.05	0	100
11100	.03	.67	.03	0	.02	.01	.01	33	33
11130	.02	.00	.01	0	.00	.01	.01	50	50
11160	.04	1.00	.01	0	.01	.00	.01	0	25
11190	.05	.00	.01	0	.00	.01	.08	20	160
11220	.02	.00	.01	0	.00	.01	.01	50	50
11250	.08	1.00	.02	0	.02	.00	.05	0	62
11280	.12	.58	.12	366	.07	.05	.18	41	150
11310	.15	1.00	.03	0	.03	.00	.03	0	20
11340	.21	.87	.08	0	.07	.01	.23	4	109
11370	.13	.67	.06	394	.04	.02	.12	15	92
11400	.10	1.00	.02	0	.02	.00	.12	0	120
11430	.11	1.00	.03	0	.03	.00	.13	0	118
11460	.13	1.00	.02	0	.02	.00	.08	0	61
11490	.04	1.00	.01	0	.01	.00	.01	0	25
11520	.05	.50	.02	302	.01	.01	.03	20	60
11550	.04	.50	.02	304	.01	.01	.01	25	25
11580	.06	.00	.01	302	.00	.01	.05	16	83
11610	.02	1.00	.03	0	.03	.00	.08	0	400
11640	.07	1.00	.04	0	.04	.00	.11	0	157
11670	.05	1.00	.01	0	.01	.00	.01	0	20
11700	.03	1.00	.02	0	.02	.00	.03	0	100
11730	.06	.75	.08	311	.06	.02	.12	33	200
11760	.12	.60	.10	354	.06	.04	.04	33	33

Esso et al Quirk 5-22-21-5W5

013954 300 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
11790	.13	.42	.12	405	.05	.07	.02	53	15
11820	.11	.60	.05	338	.03	.02	.10	18	90
11850	.11	.67	.09	376	.06	.03	.12	27	109
11880	.18	.40	.20	482	.08	.12	.14	66	77
11910	.12	.31	.13	476	.04	.09	.01	75	8
11940	.22	.60	.20	474	.12	.08	.07	36	31
11970	.27	.67	.24	471	.16	.08	.12	29	44
12000	.19	.75	.12	427	.09	.03	.18	15	94
12030	.21	.63	.24	463	.15	.09	.27	42	128
12060	.28	.38	.40	466	.15	.25	.13	89	46
12090	.28	.59	.27	470	.16	.11	.13	39	46
12120	.06	.67	.06	353	.04	.02	.02	33	33
12150	.06	.87	.08	332	.07	.01	.03	16	50
12180	.18	.75	.24	427	.18	.06	.17	33	94
12210	.14	.48	.21	479	.10	.11	.47	78	335
12240	.12	1.00	.04	0	.04	.00	.03	0	25
12250	.83	.30	.80	482	.24	.56	.22	67	26
12270	.54	.14	.77	486	.11	.66	.09	122	16
12300	.43	.50	.18	542	.09	.09	.06	20	13
12330	.07	.33	.03	367	.01	.02	.10	28	142
12360	.25	.50	.06	355	.03	.03	.14	12	55
12390	.17	.67	.03	0	.02	.01	.07	5	41
12420	.12	1.00	.01	0	.01	.00	.01	0	8
12450	.14	1.00	.01	0	.01	.00	.04	0	28
12480	.17	1.00	.01	0	.01	.00	.01	0	5
12510	.08	.00	.01	0	.00	.01	.01	12	12
12540	.18	1.00	.02	0	.02	.00	.10	0	55
12570	4.00	.14	23.18	356	3.18	20.00	.85	500	21
12600	.08	.17	.06	422	.01	.05	.03	62	37
12630	.15	.00	.09	548	.00	.09	.15	60	100
12660	.04	.00	.01	0	.00	.01	.07	25	174
12690	.03	.00	.01	0	.00	.01	.01	33	33
12720	.36	.23	.31	378	.07	.24	1.26	66	350
12750	.02	.00	.01	0	.00	.01	.01	50	50
12780	.01	.00	.01	0	.00	.01	.01	100	100
12810	.10	.17	.36	353	.06	.30	1.46	300	1460
12840	.03	.00	.01	0	.00	.01	.01	33	33
12870	.10	1.00	.02	0	.02	.00	.30	0	300
12900	.02	1.00	.01	0	.01	.00	.01	0	50

Esso et al Quirk 5-22-21-5W5

013954 300 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***

12930	.07	.71	.07	0	.05	.02	.02	28	28
12960	.13	1.00	.03	0	.03	.00	.01	0	7
12990	.09	.80	.05	0	.04	.01	.23	11	255
13020	.07	1.00	.01	0	.01	.00	.01	0	14
13050	.08	.00	.01	0	.00	.01	.01	12	12
13080	.26	.00	.01	0	.00	.01	.01	3	3
13110	.06	.00	.01	0	.00	.01	.01	16	16
13140	.06	.00	.01	0	.00	.01	.11	16	183
13170	.03	.00	.01	0	.00	.01	.08	33	266
13200	.08	.00	.01	0	.00	.01	.07	12	87
13230	9.12	.50	29.98	330	14.91	15.07	13.73	165	150
13260	1.39	.39	4.38	341	1.72	2.66	2.77	191	199
13290	.39	.36	.86	339	.31	.55	1.04	141	266
13320	6.12	.46	19.33	337	8.89	10.44	7.15	170	116
13350	3.20	.31	7.70	348	2.36	5.34	3.52	166	110
13380	.84	.31	2.68	351	.84	1.84	1.76	219	209
13410	2.05	.36	6.84	345	2.47	4.37	3.45	213	168
13440	1.46	.39	3.91	336	1.54	2.37	2.72	162	186
13470	3.27	.37	11.19	345	4.15	7.04	5.44	215	166
13500	2.23	.18	3.88	343	.71	3.17	2.96	142	132
13530	.07	.87	.08	348	.07	.01	.12	14	171
13560	5.38	.29	9.11	343	2.62	6.49	6.07	120	112
13590	2.68	.36	8.11	344	2.96	5.15	5.19	192	193
13620	.04	.67	.03	394	.02	.01	.06	25	150
13650	.18	.13	.08	353	.01	.07	.87	38	483
13680	.01	.00	.01	0	.00	.01	.01	100	100
13710	.83	.07	.46	474	.03	.43	1.11	51	133
13740	4.06	.33	7.57	336	2.47	5.10	5.02	125	123
13770	.58	.22	1.09	346	.24	.85	1.51	146	260
13800	.25	.00	.01	0	.00	.01	.01	4	4
13830	.19	1.00	.02	0	.02	.00	.04	0	21
13860	.04	.00	.01	0	.00	.01	.01	25	25
13890	.08	1.00	.01	0	.01	.00	.01	0	12
13920	.17	.00	.01	302	.00	.01	.17	5	100
13954	.08	1.00	.02	0	.02	.00	.06	0	75

Cardium Fm.

-2106F

Cardium SS

-2340

Blairmore Grp.

-3252

Dalhousie Cgl

-6463

Esso et al Quirk 5-22-21-5W5

013954 300 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	*****	*****	*****	*****	*****	*****	***	***

Fault	-6580
Dalhousie Cgl	-6677
Kootenay Grp.	-6790
Fault	-7750
Fernie Grp.	-7779
Mount Head Fm.	-7976
Turner Valley Fm.	-8142
Fault	-8395
Blairmore Grp.	-8396
Fernie Grp	-8510
Turner Valley Fm.	-8787
Shunda Fm.	-9377
Pekisko Fm.	-9714
Banff Fm.	-10050
Fault	-10364
Banff Fm.	-10365
Wabamun Grp.	-10768
Winterburn Grp.	-11750
Ireton Fm.	-12068
Leduc Fm.	-12266

Shell et al Gap Lake 6-4-24-7W5

40 4200

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
91M	.10	.67	.03	0	.02	.01	.01	10	10
410	.22	.00	.01	0	.00	.01	.04	4	18
420	.26	.14	.29	503	.04	.25	.07	96	26
430	.11	1.00	.02	0	.02	.00	.09	0	81
440	.06	1.00	.06	0	.06	.00	.09	0	150
450	.14	1.00	.02	0	.02	.00	.03	0	21
460	.14	1.00	.02	0	.02	.00	.03	0	21
470	.02	.00	.01	0	.00	.01	.01	50	50
480	.04	1.00	.02	0	.02	.00	.03	0	75
490	.53	.45	1.63	341	.74	.89	1.27	167	239
500	.34	1.00	.04	0	.04	.00	.14	0	41
510	.12	.90	.10	0	.09	.01	.08	8	66
520	.05	1.00	.05	0	.05	.00	.04	0	80
530	.05	1.00	.02	0	.02	.00	.04	0	80
540	.01	.00	.01	0	.00	.01	.03	100	300
550	.06	.00	.01	0	.00	.01	.02	16	33
560	.09	.00	.01	0	.00	.01	.03	11	33
570	.30	.40	.05	454	.02	.03	.03	10	10
580	.10	1.00	.03	0	.03	.00	.02	0	20
590	.11	1.00	.01	0	.01	.00	.02	0	18
600	.12	.00	.01	0	.00	.01	.01	8	8
610	.51	.43	.07	575	.03	.04	.06	7	11
620	.15	.00	.02	457	.00	.02	.01	13	6
630	.09	.67	.03	405	.02	.01	.04	11	44
640	.36	.20	.89	413	.18	.71	.18	197	50
650	.18	.22	.09	528	.02	.07	.05	38	27
660	.11	.00	.01	0	.00	.01	.04	9	36
670	.01	1.00	.04	0	.04	.00	.03	0	300
680	.04	.56	.09	0	.05	.04	.03	100	75
690	.03	.40	.05	338	.02	.03	.01	100	33
700	.01	.00	.01	421	.00	.01	.04	100	400
710	.14	1.00	.02	0	.02	.00	.01	0	7
720	.02	.00	.01	0	.00	.01	.02	50	100
730	.04	1.00	.01	0	.01	.00	.04	0	100
740	.24	1.00	.02	0	.02	.00	.02	0	8
750	.09	.73	.11	418	.08	.03	.09	33	100
760	.02	.00	.01	0	.00	.01	.01	50	50
770	.02	.00	.01	0	.00	.01	.03	50	150
780	.04	1.00	.01	0	.01	.00	.01	0	25

Shell et al Gap Lake 6-4-24-7W5

DEPTH	TOC	PI	S1+S2	40 TMAX	4200 S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
790	.07	.60	.05	323	.03	.02	.07	28	100
800	.03	1.00	.02	0	.02	.00	.02	0	66
810	.05	1.00	.03	0	.03	.00	.03	0	60
820	.05	.86	.07	330	.06	.01	.12	20	240
830	.04	1.00	.02	0	.02	.00	.02	0	50
840	.05	1.00	.01	0	.01	.00	.04	0	80
850	.04	.50	.02	372	.01	.01	.03	25	75
860	.03	.67	.03	322	.02	.01	.01	33	33
870	.06	1.00	.01	0	.01	.00	.04	0	66
880	.08	1.00	.01	0	.01	.00	.02	0	25
890	.01	.00	.01	0	.00	.01	.01	100	100
900	.06	1.00	.01	0	.01	.00	.15	0	250
920	.09	.86	.07	0	.06	.01	.01	11	11
930	.06	1.00	.03	0	.03	.00	.01	0	16
940	.12	1.00	.10	0	.10	.00	.04	0	33
950	.11	.79	.14	300	.11	.03	.04	27	36
960	.10	.73	.15	0	.11	.04	.04	40	40
970	.09	.68	.22	0	.15	.07	.07	77	77
980	70.67	.71	.14	0	.10	.04	.03	0	0
990	.10	.80	.10	430	.08	.02	.13	20	130
1000	.12	.67	.18	334	.12	.06	.08	50	66
1010	.16	.70	.20	300	.14	.06	.04	37	25
1010	.05	.75	.08	300	.06	.02	.04	40	80
1020	2.41	.06	1.21	412	.07	1.14	1.04	47	43
1030	.07	.65	.20	382	.13	.07	.13	100	185
1040	.01	1.00	.01	0	.01	.00	.01	0	100
1040	.16	.87	.15	0	.13	.02	.08	12	50
1050	.16	.68	.25	316	.17	.08	.11	50	68
1060	.14	.71	.24	306	.17	.07	.10	50	71
1070	.22	.65	.26	335	.17	.09	.04	40	18
1080	.19	.65	.26	0	.17	.09	.12	47	63
1090	.19	.68	.19	337	.13	.06	.18	31	94
1110	.38	.70	.44	306	.31	.13	.11	34	28
1120	.40	.69	.48	365	.33	.15	.19	37	47
1130	.94	.61	.44	570	.27	.17	.10	18	10
1140	.11	1.00	.02	0	.02	.00	.05	0	45
1150	.12	.80	.05	332	.04	.01	.03	8	25
1160	.04	1.00	.01	0	.01	.00	.07	0	174
1170	.07	1.00	.04	0	.04	.00	.04	0	57

Shell et al Gap Lake 6-4-24-7W5

40 4200

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
1180	.07	1.00	.04	0	.04	.00	.23	0	328
1190	.22	.53	1.13	360	.60	.53	.62	240	281
1200	.01	1.00	.01	0	.01	.00	.05	0	500
1210	.16	.57	.14	355	.08	.06	.22	37	137
1220	.05	.57	.07	426	.04	.03	.10	60	200
1230	.08	.63	.08	408	.05	.03	.09	37	112
1240	.07	1.00	.03	0	.03	.00	.12	0	171
1250	.01	.00	.01	0	.00	.01	.02	100	200
1260	.08	.67	.06	347	.04	.02	.21	25	262
1270	.01	1.00	.01	0	.01	.00	.08	0	800
1280	.01	1.00	.04	0	.04	.00	.11	0	1100
1290	.02	1.00	.04	0	.04	.00	.04	0	200
1300	.01	1.00	.01	0	.01	.00	.03	0	300
1310	.01	.00	.01	0	.00	.01	.04	100	400
1320	.01	1.00	.07	0	.07	.00	.08	0	800
1330	.01	1.00	.01	0	.01	.00	.07	0	699
1340	.03	1.00	.01	0	.01	.00	.08	0	266
1350	.04	1.00	.01	0	.01	.00	.02	0	50
1360	.01	1.00	.02	0	.02	.00	.01	0	100
1370	.06	.69	.13	362	.09	.04	.11	66	183
1380	.01	1.00	.01	0	.01	.00	.01	0	100
1390	.01	.00	.01	0	.00	.01	.03	100	300
1400	.01	1.00	.02	0	.02	.00	.01	0	100
1410	.02	.17	.06	492	.01	.05	.06	250	300
1420	.03	.00	.01	0	.00	.01	.01	33	33
1430	.02	1.00	.02	0	.02	.00	.01	0	50
1440	.04	.50	.12	419	.06	.06	.01	150	25
1450	.06	.55	.11	437	.06	.05	.12	83	200
1460	.01	1.00	.02	0	.02	.00	.01	0	100
1470	.03	.75	.08	0	.06	.02	.14	66	466
1480	.09	.75	.12	0	.09	.03	.02	33	22
1490	.06	.92	.13	0	.12	.01	.01	16	16
1500	.12	.41	.22	427	.09	.13	.35	108	291
1510	.02	.67	.03	412	.02	.01	.03	50	150
1520	.10	.54	.24	516	.13	.11	.28	110	280
1530	.09	.75	.08	369	.06	.02	.26	22	288
1540	.08	.54	.13	357	.07	.06	.24	75	300
1550	.15	.57	.07	366	.04	.03	.01	20	6
1560	.12	.50	.12	363	.06	.06	.07	50	58

Shell et al Gap Lake 6-4-24-7W5

40 4200

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
1570	.15	.75	.20	364	.15	.05	.01	33	6
1580	.58	.36	1.90	351	.69	1.21	1.12	208	193
1590	.18	.67	.06	396	.04	.02	.28	11	155
1600	.60	.55	.47	356	.26	.21	.64	35	106
1610	.33	.57	.30	356	.17	.13	.49	39	148
1620	.20	.80	.20	379	.16	.04	.01	20	5
1630	.15	.69	.13	399	.09	.04	.01	26	6
1640	.24	.89	.18	413	.16	.02	.01	8	4
1650	.18	.94	.17	0	.16	.01	.01	5	5
1670	.21	.61	.36	375	.22	.14	.01	66	4
1680	.05	.87	.08	0	.07	.01	.01	20	20
1690	.12	.87	.15	322	.13	.02	.01	16	8
1700	.17	.67	.15	375	.10	.05	.01	29	5
1710	.13	.85	.13	323	.11	.02	.01	15	7
1720	.05	1.00	.02	0	.02	.00	.01	0	20
1730	.21	.57	.46	422	.26	.20	.29	95	138
1740	.22	.68	.19	385	.13	.06	.13	27	59
1750	.42	.41	1.09	343	.45	.64	1.17	152	278
1760	.13	1.00	.05	0	.05	.00	.29	0	223
1770	.12	.79	.19	416	.15	.04	.01	33	8
1780	.16	.71	.21	335	.15	.06	.16	37	100
1790	.35	.38	.74	351	.28	.46	1.05	131	300
1800	.09	.50	.10	347	.05	.05	.50	55	555
1810	.10	.20	.10	356	.02	.08	.48	80	480
1820	.39	.44	1.15	357	.51	.64	.78	164	200
1830	.12	.75	.08	420	.06	.02	.01	16	8
1840	.15	.69	.32	421	.22	.10	.07	66	46
1850	.20	.71	.07	425	.05	.02	.01	10	5
1860	.22	1.00	.03	0	.03	.00	.01	0	4
1870	.16	1.00	.03	0	.03	.00	.01	0	6
1880	.07	1.00	.04	0	.04	.00	.01	0	14
1890	.07	1.00	.01	0	.01	.00	.01	0	14
1900	.06	1.00	.06	0	.06	.00	.01	0	16
1910	.09	1.00	.05	0	.05	.00	.01	0	11
1920	.03	1.00	.10	0	.10	.00	.01	0	33
1930	.10	1.00	.05	0	.05	.00	.01	0	10
1940	.06	.83	.06	0	.05	.01	.01	16	16
1950	.02	1.00	.01	0	.01	.00	.01	0	50
1960	.02	1.00	.02	0	.02	.00	.01	0	50

Shell et al Gap Lake 6-4-24-7W5

40 4200

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
1970	.05	.86	.07	0	.06	.01	.01	20	20
1980	.02	1.00	.04	0	.04	.00	.01	0	50
1990	.01	1.00	.02	0	.02	.00	.01	0	100
2000	.04	.90	.10	0	.09	.01	.01	25	25
2010	.05	.87	.08	0	.07	.01	.01	20	20
2020	.03	.75	.08	0	.06	.02	.01	66	33
2030	.04	.89	.09	0	.08	.01	.01	25	25
2040	.05	.86	.14	414	.12	.02	.01	40	20
2050	.14	.50	.32	355	.16	.16	.56	114	400
2060	.04	.70	.20	365	.14	.06	.01	150	25
2070	.09	.70	.53	369	.37	.16	.01	177	11
2080	.04	.83	.18	324	.15	.03	.01	75	25
2090	.08	.72	.29	386	.21	.08	.01	100	12
2100	.05	.71	.14	371	.10	.04	.01	80	20
2110	.01	.79	.19	0	.15	.04	.01	400	100
2120	.06	.74	.31	393	.23	.08	.14	133	233
2130	.05	.86	.07	335	.06	.01	.01	20	20
2150	.02	1.00	.04	0	.04	.00	.01	0	50
2160	.01	1.00	.06	0	.06	.00	.01	0	100
2170	.20	.27	.11	496	.03	.08	.01	40	5
2180	.03	1.00	.04	0	.04	.00	.01	0	33
2190	.39	.68	2.77	391	1.87	.90	.23	230	58
2200	.06	.75	.08	361	.06	.02	.01	33	16
2210	.03	1.00	.03	0	.03	.00	.01	0	33
2220	.02	1.00	.01	0	.01	.00	.01	0	50
2230	.03	.67	.03	417	.02	.01	.11	33	366
2240	.05	1.00	.02	0	.02	.00	.04	0	80
2250	.05	.25	.08	345	.02	.06	.03	120	60
2260	.04	.67	.03	0	.02	.01	.03	25	75
2270	.05	1.00	.02	0	.02	.00	.04	0	80
2280	.07	1.00	.04	0	.04	.00	.03	0	42
2290	.07	1.00	.02	0	.02	.00	.03	0	42
2300	.05	.74	.46	372	.34	.12	.20	240	400
2310	.01	1.00	.01	0	.01	.00	.01	0	100
2320	.03	1.00	.01	0	.01	.00	.01	0	33
2330	.03	1.00	.02	0	.02	.00	.03	0	100
2340	.03	1.00	.02	0	.02	.00	.01	0	33
2350	.03	1.00	.03	0	.03	.00	.02	0	66
2360	.05	.70	.23	409	.16	.07	.11	140	220

Shell et al Gap Lake 6-4-24-7W5

40 4200

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
2370	.06	1.00	.05	0	.05	.00	.23	0	383
2380	.78	.38	2.02	341	.77	1.25	1.79	160	229
2390	.05	1.00	.03	0	.03	.00	.10	0	200
2400	.03	1.00	.01	0	.01	.00	.03	0	100
2410	.05	1.00	.02	0	.02	.00	.03	0	60
2420	.06	.20	.10	398	.02	.08	.04	133	66
2430	.01	.00	.01	0	.00	.01	.01	100	100
2440	.13	.46	.50	410	.23	.27	.21	207	161
2450	.02	.00	.01	0	.00	.01	.01	50	50
2460	1.11	.42	2.81	340	1.17	1.64	2.10	147	189
2470	.47	.55	.20	543	.11	.09	.10	19	21
2480	1.97	.60	13.97	415	8.43	5.54	1.39	281	70
2490	.19	.50	.08	522	.04	.04	.11	21	57
2500	.30	.57	.21	482	.12	.09	.16	30	53
2510	.14	.67	.09	455	.06	.03	.05	21	35
2520	.07	.80	.05	344	.04	.01	.04	14	57
2530	.07	.80	.10	458	.08	.02	.06	28	85
2540	.21	.75	.08	455	.06	.02	.11	9	52
2550	.10	.83	.06	328	.05	.01	.06	10	60
2560	.05	.50	.06	409	.03	.03	.06	60	120
2570	.03	.80	.05	369	.04	.01	.03	33	100
2580	.09	.50	.22	412	.11	.11	.16	122	177
2590	.16	1.00	.05	0	.05	.00	.06	0	37
2600	.02	1.00	.02	0	.02	.00	.04	0	200
2610	.02	1.00	.06	0	.06	.00	.04	0	200
2620	.04	1.00	.02	0	.02	.00	.03	0	75
2620	.02	1.00	.05	0	.05	.00	.04	0	200
2630	.07	.73	.26	337	.19	.07	.17	100	242
2640	.20	.65	.83	348	.54	.29	.68	145	340
2650	1.49	.46	4.38	333	2.03	2.35	2.96	157	198
2660	.12	.84	.32	367	.27	.05	.19	41	158
2670	.11	.89	.09	0	.08	.01	.08	9	72
2680	.22	.76	.66	387	.50	.16	.21	72	95
2690	.60	.62	3.47	340	2.15	1.32	1.13	220	188
2700	.01	.00	.01	0	.00	.01	.07	100	699
2710	.04	1.00	.03	0	.03	.00	.05	0	125
2750	.04	.78	.09	379	.07	.02	.15	50	375
2760	.04	1.00	.03	0	.03	.00	.10	0	250
2770	.08	1.00	.01	0	.01	.00	.08	0	100

Shell et al Gap Lake 6-4-24-7W5

40 4200

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
2780	.17	1.00	.03	0	.03	.00	.11	0	64
2790	.24	1.00	.05	0	.05	.00	.18	0	75
2800	.10	1.00	.02	0	.02	.00	.14	0	140
2810	.08	.56	.09	356	.05	.04	.16	50	200
2820	.13	1.00	.02	0	.02	.00	.11	0	84
2830	.04	.83	.06	0	.05	.01	.15	25	375
2840	.18	.82	.11	0	.09	.02	.18	11	100
2850	.17	.86	.07	0	.06	.01	.09	5	52
2860	.07	1.00	.02	0	.02	.00	.11	0	157
2870	.08	1.00	.03	0	.03	.00	.19	0	237
2880	.06	1.00	.06	0	.06	.00	.17	0	283
2890	.04	1.00	.03	0	.03	.00	.11	0	275
2900	.07	1.00	.05	0	.05	.00	.12	0	171
2910	.05	1.00	.06	0	.06	.00	.21	0	420
2920	.01	1.00	.02	0	.02	.00	.15	0	1500
2930	.17	1.00	.03	0	.03	.00	.09	0	52
2940	.08	1.00	.04	0	.04	.00	.17	0	212
2950	.02	1.00	.03	0	.03	.00	.12	0	600
2960	.05	1.00	.02	0	.02	.00	.13	0	260
2970	.05	1.00	.05	0	.05	.00	.19	0	380
2980	.14	1.00	.04	0	.04	.00	.17	0	121
2990	.15	1.00	.08	0	.08	.00	.15	0	100
3000	.12	1.00	.07	0	.07	.00	.13	0	108
3010	.15	.87	.08	335	.07	.01	.11	6	73
3020	.19	.92	.12	302	.11	.01	.13	5	68
3030	.15	.90	.10	336	.09	.01	.10	6	66
3040	.13	1.00	.08	0	.08	.00	.10	0	76
3050	.16	1.00	.10	0	.10	.00	.11	0	68
3060	.17	.85	.13	446	.11	.02	.11	11	64
3070	.17	.81	.16	302	.13	.03	.15	17	88
3080	.15	.83	.12	372	.10	.02	.11	13	73
3090	.16	1.00	.07	0	.07	.00	.09	0	56
3100	.14	1.00	.06	0	.06	.00	.08	0	57
3110	.21	.75	.16	465	.12	.04	.17	19	80
3120	.22	.91	.11	327	.10	.01	.13	4	59
3130	.22	.85	.13	324	.11	.02	.13	9	59
3140	.17	.77	.13	346	.10	.03	.10	17	58
3150	.23	.60	.15	459	.09	.06	.16	26	69
3160	.19	.90	.10	355	.09	.01	.10	5	52

Shell et al Gap Lake 6-4-24-7W5

40 4200

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
3170	.24	.70	.20	301	.14	.06	.14	25	58
3180	.28	.45	.40	403	.18	.22	.35	78	125
3190	.93	.93	.14	429	.13	.01	.09	1	9
3200	.01	.00	.01	0	.00	.01	.01	100	100
3210	.84	.58	.55	462	.32	.23	.21	27	25
3220	.24	.77	.22	388	.17	.05	.12	20	50
3230	.05	.80	.10	340	.08	.02	.10	40	200
3240	.28	.43	.14	408	.06	.08	.29	28	103
3250	.02	1.00	.01	0	.01	.00	.07	0	349
3260	.06	.87	.08	0	.07	.01	.10	16	166
3270	.12	.70	.67	393	.47	.20	.29	166	241
3280	.02	1.00	.01	0	.01	.00	.05	0	250
3290	.11	1.00	.05	0	.05	.00	.07	0	63
3300	1.20	.74	.43	516	.32	.11	.16	9	13
3310	.59	.75	.32	452	.24	.08	.19	13	32
3320	.26	.79	.24	302	.19	.05	.19	19	73
3330	.24	.63	.19	430	.12	.07	.14	29	58
3340	.12	1.00	.05	0	.05	.00	.10	0	83
3350	.24	.87	.16	338	.14	.02	.17	8	70
3360	.38	.67	.52	402	.35	.17	.28	44	73
3370	.33	.69	.29	347	.20	.09	.16	27	48
3380	.23	.70	.20	419	.14	.06	.21	26	91
3390	.26	.80	.15	302	.12	.03	.20	11	76
3400	.16	1.00	.07	0	.07	.00	.12	0	75
3410	.24	1.00	.09	0	.09	.00	.17	0	70
3420	.22	.83	.12	365	.10	.02	.17	9	77
3430	.22	.64	.14	407	.09	.05	.19	22	86
3440	.31	.81	.16	383	.13	.03	.12	9	38
3450	.50	.92	.13	348	.12	.01	.11	2	22
3460	1.77	.54	.57	566	.31	.26	.18	14	10
3470	.10	.75	.12	351	.09	.03	.18	30	180
3480	.06	.80	.05	301	.04	.01	.28	16	466
3490	.07	.75	.04	0	.03	.01	.13	14	185
3500	.08	1.00	.03	0	.03	.00	.10	0	125
3510	.11	.86	.07	0	.06	.01	.22	9	200
3520	.05	1.00	.02	0	.02	.00	.16	0	320
3530	.17	1.00	.02	0	.02	.00	.05	0	29
3540	.16	1.00	.03	0	.03	.00	.05	0	31
3550	.13	1.00	.03	0	.03	.00	.04	0	30

Shell et al Gap Lake 6-4-24-7W5

40 4200

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
3560	.07	1.00	.01	0	.01	.00	.02	0	28
3570	.04	.00	.01	0	.00	.01	.03	25	75
3580	.08	1.00	.01	0	.01	.00	.10	0	125
3590	.06	.50	.02	302	.01	.01	.07	16	116
3600	.05	1.00	.03	0	.03	.00	.13	0	260
3610	.05	1.00	.03	0	.03	.00	.12	0	240
3620	.03	1.00	.02	0	.02	.00	.10	0	333
3630	.08	1.00	.02	0	.02	.00	.09	0	112
3640	.13	.75	.04	372	.03	.01	.08	7	61
3650	.07	1.00	.01	0	.01	.00	.03	0	42
3660	.07	1.00	.03	0	.03	.00	.06	0	85
3670	.11	1.00	.01	0	.01	.00	.05	0	45
3680	.09	1.00	.02	0	.02	.00	.05	0	55
3690	.13	1.00	.03	0	.03	.00	.08	0	61
3710	.11	1.00	.08	0	.08	.00	.23	0	209
3720	.06	.83	.06	381	.05	.01	.13	16	216
3730	.14	.61	.18	395	.11	.07	.26	50	185
3740	.04	.80	.05	335	.04	.01	.11	25	275
3750	.08	.90	.10	0	.09	.01	.19	12	237
3760	.28	.80	.05	331	.04	.01	.11	3	39
3770	.15	.27	.11	421	.03	.08	.14	53	93
3780	.11	.75	.04	350	.03	.01	.07	9	63
3790	.04	.67	.03	302	.02	.01	.03	25	75
3800	.04	1.00	.03	0	.03	.00	.10	0	250
3810	.08	.33	.06	401	.02	.04	.40	50	500
3820	.17	.50	.22	362	.11	.11	.35	64	205
3830	.15	1.00	.04	0	.04	.00	.09	0	60
3840	.14	.63	.16	396	.10	.06	.21	42	150
3850	.15	1.00	.04	0	.04	.00	.12	0	80
3860	.17	1.00	.03	0	.03	.00	.06	0	35
3870	.14	1.00	.04	0	.04	.00	.06	0	42
3880	.25	.79	.14	377	.11	.03	.16	12	64
3890	.18	.82	.11	339	.09	.02	.14	11	77
3900	.20	.79	.14	302	.11	.03	.15	15	75
3910	.29	.81	.27	434	.22	.05	.29	17	100
3920	.75	.57	3.27	345	1.86	1.41	1.27	188	169
3930	.25	.76	.17	391	.13	.04	.25	16	100
3940	.26	.79	.19	324	.15	.04	.22	15	84
3950	.24	.83	.18	334	.15	.03	.28	12	116

Shell et al Gap Lake 6-4-24-7W5

40 4200

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***

3960	.17	.78	.23	388	.18	.05	.21	29	123
3970	.16	1.00	.06	0	.06	.00	.18	0	112
3980	.07	1.00	.04	0	.04	.00	.14	0	200
3990	.13	.79	.14	316	.11	.03	.23	23	176
4000	.10	1.00	.05	0	.05	.00	.14	0	140
4010	.11	1.00	.03	0	.03	.00	.10	0	90
4020	.17	1.00	.04	0	.04	.00	.21	0	123
4030	.11	.83	.06	0	.05	.01	.16	9	145
4040	.10	1.00	.04	0	.04	.00	.16	0	160
4050	.08	1.00	.05	0	.05	.00	.20	0	250
4060	.09	1.00	.04	0	.04	.00	.08	0	88
4070	.10	1.00	.07	0	.07	.00	.17	0	170
4080	.10	1.00	.05	0	.05	.00	.12	0	120
4090	.10	.89	.09	0	.08	.01	.16	10	160
4100	.04	1.00	.03	0	.03	.00	.13	0	325
4110	.04	1.00	.05	0	.05	.00	.14	0	349
9107	4.24	.10	13.25	439	1.28	11.97	.61	282	14

Fernie Grp	-951M
Palliser Fm	-1138
Calmar Fm	-1427
Nisku Fm	-1437
Woodbend Grp	-1469
Leduc Fm	-1483
Cooking Lake Fm	-1683
Beaverhill Lake Fm	-1788
Cambrian System	-1841
Fernie Grp	-2452
Mount Hood Fm	-2485
Turner Valley Fm	-2590
Shunda Fm	-2701
Pekisko Fm	-2731
Banff Fm	-2967
Palliser Fm	-3209
Banff Fm	-3302
Palliser Fm	-3454
Calmar Fm	-3696
Nisku Fm	-3708
Duvernay Fm	-3860
Cooking Lake Fm	-3923

CDR Ghost 10-13-26-8W5

013450

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
30F	.10	.00	.01	0	.00	.01	.29	10	290
60	.02	.00	.01	0	.00	.01	.18	50	900
90	.07	1.00	.01	0	.01	.00	.04	0	57
120	.45	1.00	.02	0	.02	.00	.57	0	126
150	.36	.69	.45	403	.31	.14	.13	38	36
180	.31	.67	.24	341	.16	.08	.24	25	77
210	.46	.30	.20	439	.06	.14	.22	30	47
240	.38	.47	.15	421	.07	.08	.12	21	31
270	.49	.47	.49	441	.23	.26	.50	53	102
300	.81	.44	.36	442	.16	.20	.14	24	17
330	1.03	.35	.88	439	.31	.57	.30	55	29
360	.76	.27	.70	442	.19	.51	.12	67	15
390	.68	.27	.55	445	.15	.40	.15	58	22
420	.83	.29	.73	442	.21	.52	.25	62	30
450	.74	.26	.58	442	.15	.43	.01	58	1
480	.69	.29	.48	439	.14	.34	.13	49	18
510	.64	.20	.20	442	.04	.16	.16	25	25
540	.54	.23	.30	446	.07	.23	.01	42	1
570	.57	.21	.34	445	.07	.27	.07	47	12
600	.51	.28	.47	449	.13	.34	.14	66	27
630	.63	.14	.70	449	.10	.60	.23	95	36
660	.60	.18	.74	449	.13	.61	.05	101	8
690	.55	.26	.81	446	.21	.60	.01	109	1
720	.78	.16	1.48	448	.24	1.24	.10	158	12
750	.74	.21	1.45	448	.30	1.15	.07	155	9
780	.67	.17	1.39	447	.23	1.16	.06	173	8
810	.74	.16	1.49	450	.24	1.25	.09	168	12
840	.79	.23	2.10	447	.48	1.62	.10	205	12
870	.69	.27	1.28	450	.35	.93	.05	134	7
900	.78	.24	1.69	448	.41	1.28	.10	164	12
930	.76	.26	1.72	448	.45	1.27	.10	167	13
960	.75	.26	1.82	447	.47	1.35	.05	180	6
990	.74	.21	1.55	447	.33	1.22	.08	164	10
1020	.76	.20	1.84	447	.36	1.48	.19	194	25
1050	.57	.23	1.52	446	.35	1.17	.17	205	29
1080	.83	.21	1.47	447	.31	1.16	.13	139	15
1110	.62	.23	1.66	448	.38	1.28	.03	206	4
1140	.80	.24	1.85	447	.45	1.40	.07	175	8
1170	.78	.20	2.02	445	.40	1.62	.01	207	1

CDR Ghost 10-13-26-8W5

013450

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
1200	.70	.21	1.73	447	.37	1.36	.01	194	1
1230	.77	.22	1.50	450	.33	1.17	.01	151	1
1260	.69	.25	1.73	449	.43	1.30	.02	188	2
1290	.61	.21	1.64	447	.35	1.29	.01	211	1
1320	.82	.27	1.74	451	.47	1.27	.01	154	1
1350	.78	.19	1.41	449	.27	1.14	.01	146	1
1380	.76	.22	1.20	445	.26	.94	.01	123	1
1410	.80	.17	1.22	447	.21	1.01	.08	126	10
1440	.56	.24	.55	449	.13	.42	.06	75	10
1470	.57	.24	.76	448	.18	.58	.15	101	26
1500	.64	.39	.44	441	.17	.27	.10	42	15
1530	.63	.32	.44	447	.14	.30	.10	47	15
1560	.74	.17	.81	447	.14	.67	.10	90	13
1600	.67	.20	1.23	449	.24	.99	.16	147	23
1630	.75	.11	1.14	446	.13	1.01	.06	134	8
1660	.61	.15	.55	446	.08	.47	.08	77	13
1690	.60	.24	.72	444	.17	.55	.07	91	11
1720	.60	.25	.48	444	.12	.36	.09	60	15
1750	.70	.21	.72	442	.15	.57	.12	81	17
1780	.69	.20	.76	449	.15	.61	.06	88	8
1810	.68	.25	.81	445	.20	.61	.04	89	5
1840	.66	.20	.88	450	.18	.70	.05	106	7
1870	.64	.26	.72	450	.19	.53	.09	82	14
1900	.57	.16	.89	452	.14	.75	.27	131	47
1930	.63	.17	.77	450	.13	.64	.05	101	7
1960	.63	.21	1.13	450	.24	.89	.05	141	7
1990	.80	.22	1.62	445	.35	1.27	.15	158	18
2020	.74	.20	1.23	452	.25	.98	.01	132	1
2050	.74	.23	1.29	455	.30	.99	.01	133	1
2080	.77	.23	1.86	451	.42	1.44	.09	187	11
2110	.67	.20	.94	452	.19	.75	.10	111	14
2140	.51	.24	.63	453	.15	.48	.19	94	37
2170	.26	.35	.37	457	.13	.24	.07	92	26
2200	.71	.19	.74	453	.14	.60	.12	84	16
2230	.65	.21	.99	452	.21	.78	.17	120	26
2260	.63	.23	.88	450	.20	.68	.24	107	38
2290	.52	.18	.45	453	.08	.37	.14	71	26
2320	.48	.15	.55	455	.08	.47	.07	97	14
2350	.49	.23	.39	458	.09	.30	.05	61	10

CDR Ghost 10-13-26-8W5

013450

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
2380	.56	.31	.35	456	.11	.24	.15	42	26
2410	.27	.25	.16	446	.04	.12	.01	44	3
2440	.24	.33	.18	447	.06	.12	.01	50	4
2470	.44	.26	.19	456	.05	.14	.33	31	75
2500	.54	.31	.62	453	.19	.43	.12	79	22
2530	.60	.22	.68	445	.15	.53	.19	88	31
2560	.65	.21	.96	452	.20	.76	.01	116	1
2590	.47	.12	.73	455	.09	.64	.01	136	2
2620	.49	.28	.53	446	.15	.38	.01	77	2
2650	.43	.24	.50	453	.12	.38	.01	88	2
2680	.34	.29	.49	415	.14	.35	.06	102	17
2710	.47	.23	.53	451	.12	.41	.02	87	4
2740	.50	.19	.57	456	.11	.46	.08	92	16
2770	.55	.23	.52	456	.12	.40	.15	72	27
2800	.29	.25	.36	448	.09	.27	.01	93	3
2830	.40	.18	.34	450	.06	.28	.01	70	2
2860	.31	.28	.18	454	.05	.13	.01	41	3
2890	.40	.34	.59	457	.20	.39	.01	97	2
2920	.55	.18	.83	454	.15	.68	.04	123	7
2950	.67	.18	.99	452	.18	.81	.01	120	1
2980	.62	.12	.65	451	.08	.57	.03	91	4
3010	.53	.22	.85	456	.19	.66	.06	124	11
3040	.21	.39	.23	423	.09	.14	.01	66	4
3070	.42	.27	.52	453	.14	.38	.05	90	11
3100	.59	.22	.50	456	.11	.39	.07	66	11
3130	.75	.23	.74	455	.17	.57	.19	76	25
3160	.48	.22	.46	454	.10	.36	.06	75	12
3190	.38	.08	.74	461	.06	.68	.16	178	42
3220	.53	.20	.46	454	.09	.37	.09	69	16
3250	.51	.24	.76	453	.18	.58	.01	113	1
3280	.41	.21	.67	456	.14	.53	.01	129	2
3310	.52	.15	.66	460	.10	.56	.02	107	3
3340	.58	.28	.67	455	.19	.48	.03	82	5
3370	.34	.24	.34	458	.08	.26	.01	76	2
3400	.29	.26	.34	461	.09	.25	.12	86	41
3430	.44	.21	.48	459	.10	.38	.02	86	4
3460	.51	.21	.39	458	.08	.31	.04	60	7
3490	.51	.25	.63	457	.16	.47	.02	92	3
3520	.59	.19	.88	460	.17	.71	.06	120	10

CDR Ghost 10-13-26-8W5

013450

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
3550	.59	.20	1.16	459	.23	.93	.05	157	8
3580	.62	.18	1.12	458	.20	.92	.13	148	20
3610	.68	.16	1.68	453	.27	1.41	.19	207	27
3640	.54	.20	.95	461	.19	.76	.01	140	1
3670	.66	.17	1.63	457	.27	1.36	.01	206	1
3700	.56	.22	1.39	459	.30	1.09	.02	194	3
3730	.62	.16	.98	458	.16	.82	.01	132	1
3760	.64	.18	1.22	455	.22	1.00	.01	156	1
3790	.24	.36	.25	460	.09	.16	.02	66	8
3820	.39	.22	.32	472	.07	.25	.01	64	2
3850	.55	.17	.64	461	.11	.53	.10	96	18
3880	.51	.22	.80	458	.18	.62	.04	121	7
3910	.49	.26	.62	457	.16	.46	.02	93	4
3940	.47	.18	.50	460	.09	.41	.09	87	19
3970	.43	.20	.35	465	.07	.28	.07	65	16
4000	.44	.22	.51	456	.11	.40	.12	90	27
4030	.47	.25	.24	461	.06	.18	.10	38	21
4060	.31	.31	.29	470	.09	.20	.22	64	70
4090	.18	.29	.28	460	.08	.20	.15	111	83
4120	.21	.24	.25	467	.06	.19	.01	90	4
4150	.40	.14	.29	467	.04	.25	.22	62	55
4180	.36	.21	.38	458	.08	.30	.01	83	2
4210	.31	.17	.29	466	.05	.24	.01	77	3
4240	.57	.20	.90	458	.18	.72	.01	126	1
4270	.49	.17	.86	456	.15	.71	.04	144	8
4300	.42	.16	.55	457	.09	.46	.01	109	2
4330	.43	.17	.76	458	.13	.63	.02	146	4
4360	.47	.14	.97	457	.14	.83	.01	176	2
4390	.46	.14	.64	458	.09	.55	.01	119	2
4420	.52	.22	.96	459	.21	.75	.01	144	1
4450	.59	.22	1.18	454	.26	.92	.01	155	1
4480	.58	.23	1.21	455	.28	.93	.01	160	1
4510	.51	.23	.97	459	.22	.75	.03	147	5
4540	.59	.23	1.00	457	.23	.77	.13	130	22
4570	.58	.19	.86	456	.16	.70	.01	120	1
4600	.52	.21	1.15	457	.24	.91	.01	175	1
4630	.58	.13	.55	453	.07	.48	.01	82	1
4660	.01	.00	.01	0	.00	.01	.01	100	100
4690	.53	.21	.91	456	.19	.72	.01	135	1

CDR Ghost 10-13-26-8W5

013450

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
4720	.56	.21	.73	455	.15	.58	.01	103	1
4750	.46	.23	.70	462	.16	.54	.01	117	2
4780	.43	.18	.72	458	.13	.59	.01	137	2
4810	.43	.19	.59	460	.11	.48	.02	111	4
4840	.48	.17	.69	460	.12	.57	.01	118	2
4870	.50	.21	.87	458	.18	.69	.05	138	10
4900	.42	.17	.58	461	.10	.48	.05	114	11
4930	.46	.16	.62	463	.10	.52	.17	113	36
4960	.45	.22	.55	459	.12	.43	.05	95	11
4990	.49	.24	.59	459	.14	.45	.08	91	16
5020	.48	.21	.63	459	.13	.50	.01	104	2
5050	.42	.20	.55	460	.11	.44	.01	104	2
5080	.51	.16	.56	459	.09	.47	.01	92	1
5110	.49	.19	.58	457	.11	.47	.01	95	2
5140	.43	.25	.67	460	.17	.50	.01	116	2
5170	.47	.21	.52	460	.11	.41	.01	87	2
5200	.52	.25	.64	461	.16	.48	.01	92	1
5230	.60	.26	.86	462	.22	.64	.01	106	1
5260	.43	.19	.88	459	.17	.71	.01	165	2
5290	.55	.19	.78	465	.15	.63	.01	114	1
5320	.63	.22	.76	462	.17	.59	.03	93	4
5350	.43	.24	.49	467	.12	.37	.12	86	27
5380	.21	.16	.44	464	.07	.37	.01	176	4
5410	.32	.16	.37	463	.06	.31	.01	96	3
5440	.60	.15	.67	456	.10	.57	.01	95	1
5470	.47	.17	.63	461	.11	.52	.01	110	2
5500	.29	.32	.47	429	.15	.32	.10	110	34
5530	.51	.23	.53	462	.12	.41	.01	80	1
5560	.40	.20	.54	468	.11	.43	.02	107	5
5590	.52	.15	.59	453	.09	.50	.27	96	51
5620	.42	.20	.46	465	.09	.37	.01	88	2
5650	.45	.19	.69	461	.13	.56	.02	124	4
5680	.42	.23	.43	470	.10	.33	.02	78	4
5710	.27	.39	.31	463	.12	.19	.15	70	55
5740	.38	.33	.27	471	.09	.18	.20	47	52
5770	.48	.29	.42	468	.12	.30	.02	62	4
5800	.34	.23	.44	468	.10	.34	.01	100	2
5830	.45	.24	.46	463	.11	.35	.01	77	2
5860	.40	.34	.38	458	.13	.25	.01	62	2

CDR Ghost 10-13-26-8W5

013450

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
5890	.29	.38	.29	461	.11	.18	.01	62	3
5920	.40	.28	.32	471	.09	.23	.01	57	2
5950	.39	.22	.49	463	.11	.38	.01	97	2
5980	.41	.18	.62	463	.11	.51	.01	124	2
6010	.31	.23	.53	476	.12	.41	.01	132	3
6040	.46	.19	.72	462	.14	.58	.06	126	13
6070	.42	.15	.59	473	.09	.50	.01	119	2
6100	.34	.18	.60	471	.11	.49	.01	144	2
6130	.59	.24	.76	464	.18	.58	.01	98	1
6160	.46	.29	.79	467	.23	.56	.01	121	2
6190	.46	.24	.62	471	.15	.47	.01	102	2
6220	.53	.34	.70	465	.24	.46	.01	86	1
6250	.47	.27	.74	466	.20	.54	.26	114	55
6280	.47	.35	.52	470	.18	.34	.05	72	10
6310	.56	.27	.80	465	.22	.58	.16	103	28
6340	.52	.33	.86	466	.28	.58	.01	111	1
6370	.58	.31	1.03	467	.32	.71	.01	122	1
6400	.51	.31	.95	464	.29	.66	.01	129	1
6430	.77	.29	1.23	463	.36	.87	.10	112	12
6460	.55	.22	.65	465	.14	.51	.01	92	1
6490	.52	.32	.69	463	.22	.47	.01	90	1
6520	.54	.31	.87	463	.27	.60	.01	111	1
6550	.64	.29	1.12	464	.32	.80	.01	125	1
6580	.63	.30	1.13	465	.34	.79	.01	125	1
6610	.56	.26	.96	467	.25	.71	.04	126	7
6640	.50	.33	1.03	462	.34	.69	.03	138	6
6670	.55	.25	1.05	462	.26	.79	.03	143	5
6700	.61	.27	.86	469	.23	.63	.07	103	11
6730	.51	.23	.62	467	.14	.48	.15	94	29
6760	.44	.28	.68	466	.19	.49	.12	111	27
6790	.44	.36	.64	466	.23	.41	.01	93	2
6820	.40	.42	.26	467	.11	.15	.01	37	2
6850	.49	.32	.69	461	.22	.47	.02	95	4
6880	.47	.36	.55	466	.20	.35	.01	74	2
6910	.39	.36	.50	464	.18	.32	.01	82	2
6940	.47	.36	.70	468	.25	.45	.01	95	2
6970	.35	.32	.57	468	.18	.39	.01	111	2
7000	.41	.31	.55	468	.17	.38	.01	92	2
7030	.45	.30	.66	467	.20	.46	.30	102	66

CDR Ghost 10-13-26-8W5
013450

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
7060	.43	.25	.60	468	.15	.45	.14	104	32
7090	.06	.33	.03	454	.01	.02	.10	33	166
7120	.08	1.00	.03	0	.03	.00	.01	0	12
7150	.07	.50	.04	0	.02	.02	.01	28	14
7180	.03	1.00	.01	0	.01	.00	.01	0	33
7210	.02	.00	.01	0	.00	.01	.01	50	50
7240	.07	.50	.04	346	.02	.02	.01	28	14
7270	.04	1.00	.02	0	.02	.00	.01	0	25
7300	.15	.50	.06	0	.03	.03	.01	20	6
7330	.11	.50	.04	409	.02	.02	.01	18	9
7360	.23	.29	.24	461	.07	.17	.12	73	52
7390	.07	.25	.04	0	.01	.03	.01	42	14
7420	.16	.50	.04	340	.02	.02	.01	12	6
7450	.08	.50	.06	318	.03	.03	.01	37	12
7480	.10	.33	.09	457	.03	.06	.02	60	20
7510	.87	.12	1.38	464	.17	1.21	.01	139	1
7540	.53	.08	.39	482	.03	.36	.07	67	13
7570	.35	.12	.17	490	.02	.15	.17	42	48
7600	2.52	.05	10.03	470	.51	9.52	.31	377	12
7630	2.74	.20	1.88	483	.37	1.51	.42	55	15
7660	.84	.03	1.63	476	.05	1.58	.04	188	4
7690	.14	.38	.16	454	.06	.10	.01	71	7
7720	.19	.42	.19	437	.08	.11	.01	57	5
7750	.09	1.00	.07	0	.07	.00	.01	0	11
7780	.44	.10	.92	473	.09	.83	.01	188	2
7810	.12	.31	.16	474	.05	.11	.01	91	8
7840	.09	.50	.12	375	.06	.06	.01	66	11
7870	.07	.50	.10	332	.05	.05	.01	71	14
7900	.16	.57	.14	401	.08	.06	.01	37	6
7930	.11	.50	.14	433	.07	.07	.01	63	9
7960	.19	.50	.18	484	.09	.09	.01	47	5
7990	.14	.33	.09	433	.03	.06	.01	42	7
8020	.23	.33	.12	497	.04	.08	.01	34	4
8050	.32	.26	.34	480	.09	.25	.12	78	37
8080	.16	.28	.32	460	.09	.23	.01	143	6
8110	.11	.43	.07	398	.03	.04	.01	36	9
8140	.07	1.00	.03	0	.03	.00	.01	0	14
8170	.20	.28	.18	483	.05	.13	.01	65	5
8200	.30	.25	.28	494	.07	.21	.01	70	3

CDR Ghost 10-13-26-8W5

013450

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
8230	.42	.08	.72	461	.06	.66	.01	157	2
8260	.29	.35	.23	491	.08	.15	.01	51	3
8290	.32	.30	.37	484	.11	.26	.01	81	3
8320	.43	.28	.32	487	.09	.23	.14	53	32
8350	1.41	.17	1.52	419	.26	1.26	1.31	89	92
8380	.61	.26	.66	485	.17	.49	.04	80	6
8410	.56	.20	.60	484	.12	.48	.05	85	8
8440	.55	.18	.49	490	.09	.40	.11	72	20
8470	.33	.33	.21	494	.07	.14	.18	42	54
8500	.54	.33	.76	475	.25	.51	.29	94	53
8530	.34	.25	.36	485	.09	.27	.05	79	14
8560	.25	.52	.29	476	.15	.14	.11	55	44
8590	.75	.19	.93	452	.18	.75	.20	100	26
8620	.27	.20	.35	474	.07	.28	.03	103	11
8650	.13	.33	.03	396	.01	.02	.24	15	184
8680	.30	.21	.33	476	.07	.26	.10	86	33
8710	.19	.36	.14	456	.05	.09	.28	47	147
8740	.13	.28	.18	495	.05	.13	.22	100	169
8770	1.59	.04	4.87	480	.21	4.66	.34	293	21
8800	3.46	.02	19.41	475	.39	19.02	.49	549	14
8830	1.07	.08	2.49	481	.21	2.28	.24	213	22
8860	.74	.19	.89	492	.17	.72	.32	97	43
8890	1.87	.03	4.62	484	.14	4.48	.39	239	20
8920	14.84	.00	70.86	490	.00	70.86	1.92	477	12
8920	4.68	.02	18.22	482	.30	17.92	.53	382	11
8950	1.97	.03	4.34	490	.13	4.21	.30	213	15
8980	1.04	.15	1.03	501	.15	.88	.32	84	30
9010	1.80	.07	3.06	496	.21	2.85	.39	158	21
9040	5.22	.00	11.58	502	.00	11.58	2.17	221	41
9040	5.91	.01	36.82	480	.35	36.47	.67	617	11
9070	.63	.08	.74	509	.06	.68	.16	107	25
9100	2.23	.03	6.13	493	.20	5.93	.23	265	10
9130	1.58	.04	3.70	498	.14	3.56	.11	225	6
9160	.99	.11	2.09	487	.23	1.86	.41	187	41
9190	.65	.13	.89	498	.12	.77	.07	118	10
9220	.53	.20	.71	494	.14	.57	.11	107	20
9250	.56	.20	.84	477	.17	.67	.28	119	50
9280	.60	.13	.78	487	.10	.68	.06	113	10
9310	.64	.16	.64	484	.10	.54	.02	84	3

CDR Ghost 10-13-26-8W5
013450

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
9340	.84	.17	.72	494	.12	.60	.14	71	16
9370	.73	.14	.66	501	.09	.57	.04	78	5
9400	.63	.17	.66	499	.11	.55	.03	87	4
9430	.64	.13	.67	496	.09	.58	.01	90	1
9460	.48	.07	.54	509	.04	.50	.01	104	2
9490	.67	.18	.67	500	.12	.55	.05	82	7
9520	.96	.20	.66	516	.13	.53	.14	55	14
9550	.60	.19	.57	497	.11	.46	.02	76	3
9580	.90	.27	.51	469	.14	.37	.02	41	2
9610	.63	.18	.65	491	.12	.53	.02	84	3
9640	.68	.30	.84	529	.25	.59	.08	86	11
9670	.06	.25	.04	445	.01	.03	.23	50	383
9700	.10	1.00	.02	0	.02	.00	.03	0	30
9730	.05	.67	.09	0	.06	.03	.01	60	20
9760	.03	1.00	.01	0	.01	.00	.01	0	33
9790	.05	.00	.02	325	.00	.02	.48	40	960
9820	.04	.00	.01	0	.00	.01	.01	25	25
9850	.06	.00	.01	0	.00	.01	.14	16	233
9880	.18	.30	.74	413	.22	.52	.11	288	61
9910	.05	.00	.01	0	.00	.01	.01	20	20
9940	.01	.00	.01	0	.00	.01	.01	100	100
9970	.01	.00	.01	0	.00	.01	.01	100	100
10000	.04	.00	.02	307	.00	.02	.01	50	25
10030	.14	.00	.05	389	.00	.05	.70	35	500
10060	.04	.00	.01	0	.00	.01	.01	25	25
10090	.03	.50	.02	406	.01	.01	.03	33	100
10120	.02	.00	.01	0	.00	.01	.08	50	400
10150	.01	.00	.01	0	.00	.01	.01	100	100
10180	.04	.67	.03	317	.02	.01	.01	25	25
10210	.17	.14	.14	514	.02	.12	.03	70	17
10240	.02	.00	.01	0	.00	.01	.01	50	50
10270	.03	1.00	.02	0	.02	.00	.01	0	33
10300	.01	.00	.01	0	.00	.01	.01	100	100
10350	.05	1.00	.01	0	.01	.00	.16	0	320
10390	.08	1.00	.07	0	.07	.00	.01	0	12
10420	.06	1.00	.01	0	.01	.00	.01	0	16
10450	.02	.00	.01	0	.00	.01	.11	50	550
10480	.04	.00	.01	0	.00	.01	.05	25	125
10510	.19	1.00	.05	0	.05	.00	.20	0	105

CDR Ghost 10-13-26-8W5
013450

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
10540	.16	1.00	.02	0	.02	.00	.01	0	6
10570	.14	.50	.04	0	.02	.02	.07	14	50
10600	.12	1.00	.03	0	.03	.00	.25	0	208
10630	.13	1.00	.05	0	.05	.00	.09	0	69
10660	.10	.50	.08	0	.04	.04	.09	40	90
10690	.15	1.00	.03	0	.03	.00	.17	0	113
10720	.04	.50	.06	443	.03	.03	.17	75	425
10750	.03	1.00	.03	0	.03	.00	.13	0	433
10780	.07	.00	.01	0	.00	.01	.01	14	14
10810	.12	.75	.04	0	.03	.01	.01	8	8
10840	.10	1.00	.05	0	.05	.00	.06	0	60
10870	.14	.71	.07	0	.05	.02	.01	14	7
10900	.18	.56	.18	310	.10	.08	.03	44	16
10930	.12	.67	.06	0	.04	.02	.02	16	16
10960	.10	.60	.05	399	.03	.02	.10	20	100
10990	.17	1.00	.06	0	.06	.00	.24	0	141
11020	.11	.75	.04	0	.03	.01	.01	9	9
11050	.12	1.00	.05	0	.05	.00	.01	0	8
11080	.09	1.00	.02	0	.02	.00	.01	0	11
11110	.14	1.00	.06	0	.06	.00	.01	0	7
11140	.14	.80	.10	0	.08	.02	.01	14	7
11170	.12	.80	.05	0	.04	.01	.01	8	8
11200	.12	1.00	.03	0	.03	.00	.01	0	8
11230	.11	.80	.05	0	.04	.01	.03	9	27
11260	.11	.60	.10	0	.06	.04	.01	36	9
11290	.14	1.00	.05	0	.05	.00	.01	0	7
11320	.14	.64	.14	0	.09	.05	.01	35	7
11350	.24	.73	.15	0	.11	.04	.03	16	12
11380	.29	.70	.23	326	.16	.07	.15	24	51
11410	.35	.74	.19	428	.14	.05	.27	14	77
11440	.22	.50	.28	0	.14	.14	.07	63	31
11470	.66	.49	.47	452	.23	.24	.03	36	4
11500	.38	.37	.19	550	.07	.12	.01	31	2
11530	.10	1.00	.02	0	.02	.00	.01	0	10
11560	.07	1.00	.03	0	.03	.00	.01	0	14
11590	.07	1.00	.01	0	.01	.00	.01	0	14
11620	.07	1.00	.02	0	.02	.00	.01	0	14
11650	.06	.50	.02	0	.01	.01	.03	16	50
11680	.06	.00	.02	0	.00	.02	.01	33	16

CDR Ghost 10-13-26-8W5
013450

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
11710	.04	.00	.01	0	.00	.01	.01	25	25
11740	.06	.33	.03	0	.01	.02	.01	33	16
11770	.05	.00	.01	0	.00	.01	.01	20	20
11800	.15	.65	.26	384	.17	.09	.25	60	166
11830	.10	.50	.02	407	.01	.01	.55	10	550
11860	.05	.00	.01	0	.00	.01	.01	20	20
11890	.06	1.00	.01	0	.01	.00	.03	0	50
11920	.06	.67	.09	0	.06	.03	.02	50	33
11950	.09	.57	.07	327	.04	.03	.01	33	11
11980	.16	.53	.53	408	.28	.25	.06	156	37
12010	.07	.50	.08	0	.04	.04	.01	57	14
12040	.04	.00	.01	0	.00	.01	.01	25	25
12070	.05	.00	.01	0	.00	.01	.04	20	80
12100	.06	1.00	.08	0	.08	.00	.09	0	150
12130	.08	.56	.09	0	.05	.04	.19	50	237
12160	.12	.84	.31	314	.26	.05	.31	41	258
12190	.14	.59	.32	375	.19	.13	.38	92	271
12220	.02	1.00	.01	0	.01	.00	.01	0	50
12250	.05	.00	.01	0	.00	.01	.01	20	20
12280	.07	1.00	.03	0	.03	.00	.01	0	14
12310	.03	.69	.13	0	.09	.04	.01	133	33
12340	.05	1.00	.01	0	.01	.00	.01	0	20
12370	.03	1.00	.01	0	.01	.00	.04	0	133
12400	.05	1.00	.01	0	.01	.00	.05	0	100
12430	.07	.00	.01	0	.00	.01	.03	14	42
12460	.04	.00	.01	0	.00	.01	.01	25	25
12490	.09	1.00	.11	0	.11	.00	.15	0	166
12520	.07	.00	.03	418	.00	.03	.07	42	100
12550	.03	.00	.01	0	.00	.01	.08	33	266
12580	.05	1.00	.01	0	.01	.00	.10	0	200
12610	.02	.00	.01	0	.00	.01	.02	50	100
12640	.02	.00	.01	0	.00	.01	.05	50	250
12670	.01	.00	.01	0	.00	.01	.15	100	1500
12700	.01	.33	.03	325	.01	.02	.01	200	100
12730	.01	.50	.02	0	.01	.01	.01	100	100
12760	.01	.00	.01	0	.00	.01	.02	100	200
12790	.01	.00	.01	0	.00	.01	.01	100	100
12820	.02	.00	.01	0	.00	.01	.03	50	150
12850	.01	.00	.01	0	.00	.01	.06	100	600

CDR Ghost 10-13-26-8W5

013450

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***

12880	.08	.25	.16	442	.04	.12	.20	150	250
12910	.05	.00	.01	0	.00	.01	.08	20	160
12940	.13	1.00	.01	0	.01	.00	.06	0	46
12970	.21	1.00	.02	0	.02	.00	.09	0	42
13000	.17	.50	.04	417	.02	.02	.10	11	58
13030	.20	.80	.10	415	.08	.02	.18	10	90
13060	.31	.30	.44	413	.13	.31	.36	100	116
13090	.14	1.00	.02	0	.02	.00	.07	0	50
13120	.14	.00	.01	0	.00	.01	.01	7	7
13150	.17	1.00	.01	0	.01	.00	.19	0	111
13180	1.13	.41	3.28	332	1.34	1.94	3.67	171	324
13210	.13	.77	.13	344	.10	.03	.57	23	438
13240	2.28	.37	7.07	334	2.60	4.47	5.36	196	235
13270	.08	.00	.01	0	.00	.01	.18	12	225
13300	.12	1.00	.01	0	.01	.00	.01	0	8
13330	.10	.00	.01	0	.00	.01	.45	10	450
13360	.11	.00	.01	0	.00	.01	.01	9	9
13390	.07	.00	.01	0	.00	.01	.06	14	85
13420	.24	.14	.07	392	.01	.06	.58	25	241
13450	.25	.61	.98	384	.60	.38	.71	152	284

Fish Scales Base	-920F
Peace River Fm.	-1248
Spirt River Fm.	-1408
Blue Sky Fm.	-2494
Gething Fm.	-2548
Fernie Grp.	-2748
Nordegg Mbr.	-2804
Triassic System	-2912
Belloy Fm.	-3188
Golata Fm.	-3270
Debolt Fm.	-3310
Shunda Fm.	-4152
Pekisko Fm.	-4685
Banff Fm.	-5176
Exshaw Fm.	-5627
Wabamun Grp.	-5636
Winterburn Grp.	-6464
Ireton Fm.	-6673
Leduc Fm.	-6742

CDR Ghost 10-13-26-8W5

013450

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***

Granite Wash

-7592

Precambrian System

-7660