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**ROCK-EVAL/TOC DATA FOR THREE
SOUTHEAST BRITISH COLUMBIA WELLS**

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Although every effort has been made to ensure accuracy, this Open File Report has not been edited for conformity with Geological Survey of Canada standards.

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

Well name and location	Depth Range	
Shell Kishinena b-56-C/82-G-1	50	5760 m
Calstan Fording Mountain d-61-L/82-G-15	0	16500 ft
Shell Forsyth d-25-A/82-J-6	400	4060 m

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

Shell Kishinena b-56-C/82-G-1

Most of the Tmax values measured for this well are undefined. That is, they fall below 400°C. This indicates that the level of thermal maturity of this well is beyond the oil generation window with the result that essentially no reactive kerogen (S2) is residual in the samples. Because there is little or no pyrolysis yield, the top of the S2 peak is not defined and thus Tmax is also undefined. Alternatively, the S2 peak may be too small to yield a defined peak because of the absence of organic matter for reasons other than high thermal maturity. A few Tmax values appear to give reliable maturity indications. At about 1800 m and about 3500 m in two of the thrust repeats of the Mount Head Formation, the Tmax is about 440°C, equivalent to a vitrinite reflectance level of about 0.8% Ro. At about 4200 to 4500 m in a thin slice of the Kootenay and Fernie groups, the Tmax is about 480°C and appears to be rapidly increasing with depth. At a depth of about 5600 m, a few samples of the Banff Formation show a high concentration of organic carbon (TOC) with somewhat elevated Hydrogen Index values and either undefined or moderately mature Tmax values. These data suggest that this unit is at a much

lower level of thermal maturity than the overlying units. If these fragments of Tmax data are reliable, it must be inferred that these units represent remnant maturity that was established prior to having been buried to their current position during thrusting, that is, that the level of thermal maturity has not yet been reset.

Most of the elevated Hydrogen Index values which are scattered through the well are interpreted to be the result of anomalously low TOC determinations ($HI = 100 * S2/TOC$). The HI values in the Kootenay and Fernie groups and in the Banff Formation are consistent both internally and with their associated TOC contents and thus must be considered as reliable.

Calstan Fording Mountain d-61-L/82-G-15

None of the Tmax values determined for samples in this well can be considered as reliable. The pyrolysis yields (S2) are too low to yield a well defined peak and thus Tmax is undefined. Organic carbon contents are very low with the exception of the lower portion of the Banff Formation which contains up to about 1.5% TOC. It is inferred from these data that the entire section represented in this well is overmature with respect to oil generation and that there appears to be little residual gas generation potential. All of the elevated HI values are the result of TOC contents that are close to zero ($HI = 100 * S2 / \%TOC$).

Shell Forsyth d-25-A/82-J-6

All of the measured Tmax values in this well are undefined. This is interpreted to be the result of a high level of thermal maturity and no residual pyrolyzable organic matter (S2 generally less than 0.10 mg hydrocarbon/ g rock). Similarly, none of the HI values are reliable. The Banff and Exshaw formations in one thrust slice and Banff Formation in a deeper sheet show somewhat elevated TOC contents of up to 2.4% and 1.2%, respectively.

Shell Kishinena b-56-C/82-G-1					0 5760m				
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
40	.02	1.00	.12	0	.12	.00	.34	01700	
60	.44	.15	1.43	354	.22	1.21	2.97	275	675
70	.07	.52	.23	345	.12	.11	.63	157	900
80	.02	1.00	.03	0	.03	.00	.15	0	750
90	.01	1.00	.03	0	.03	.00	.15	01500	
100	.02	1.00	.04	0	.04	.00	.17	0	850
110	.01	1.00	.02	0	.02	.00	.18	01800	
120	.03	.80	.05	0	.04	.01	.17	33	566
130	.03	1.00	.04	0	.04	.00	.13	0	433
140	.08	.68	.19	0	.13	.06	.24	75	300
150	.06	.86	.07	373	.06	.01	1.34	162	233
160	.02	.80	.05	0	.04	.01	1.50	507	500
170	.04	.78	.09	0	.07	.02	1.81	504	525
180	.02	1.00	.03	0	.03	.00	2.23	00000	
190	.01	1.00	.04	0	.04	.00	.01	0	100
200	.02	1.00	.02	0	.02	.00	.02	0	100
210	.02	1.00	.03	0	.03	.00	.01	0	50
220	.01	1.00	.01	0	.01	.00	.01	0	100
230	.01	1.00	.03	0	.03	.00	.01	0	100
240	.01	1.00	.03	0	.03	.00	.01	0	100
250	.01	1.00	.02	0	.02	.00	.01	0	100
260	.02	1.00	.03	0	.03	.00	.01	0	50
270	.10	.65	.23	0	.15	.08	.02	80	20
280	.11	.52	.27	404	.14	.13	.27	118	245
290	.05	.71	.07	353	.05	.02	.11	40	220
300	.14	.61	.36	359	.22	.14	.21	100	150
310	.08	.69	.16	325	.11	.05	.15	62	187
320	.11	.53	.34	381	.18	.16	.09	145	81
330	.10	.74	.31	335	.23	.08	.06	80	60
340	.09	.68	.31	0	.21	.10	.06	111	66
350	.15	.61	.67	379	.41	.26	.21	173	140
360	.05	.62	.21	342	.13	.08	.04	160	80
370	.06	.63	.24	0	.15	.09	.06	150	100
380	.10	.58	.48	387	.28	.20	.04	200	40
390	.11	.57	.53	387	.30	.23	.08	209	72
400	.16	.49	.69	411	.34	.35	.23	218	143
410	.07	.71	.24	343	.17	.07	.01	100	14
420	.01	.65	.20	322	.13	.07	.01	700	100
430	.14	.50	.46	420	.23	.23	.09	164	64
440	.09	.59	.32	406	.19	.13	.02	144	22
450	.07	.58	.31	396	.18	.13	.13	185	185
460	.03	.60	.10	340	.06	.04	.07	133	233
470	.08	.50	.28	401	.14	.14	.11	175	137
480	.12	.46	.37	419	.17	.20	.15	166	125
490	.11	.56	.39	399	.22	.17	.16	154	145
500	.08	.60	.25	367	.15	.10	.07	125	87
510	.08	.56	.25	343	.14	.11	.01	137	12
520	.14	.49	.43	407	.21	.22	.11	157	78
530	.01	1.00	.05	0	.05	.00	.05	0	500

Shell Kishinena b-56-C/82-G-1					0 5760m				
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
540	.01	1.00	.01	0	.01	.00	.03	0	300
550	.02	.67	.09	0	.06	.03	.08	150	400
560	.13	.48	.48	427	.23	.25	.10	192	76
570	.16	.31	.42	353	.13	.29	.65	181	406
580	.03	.58	.12	368	.07	.05	.01	166	33
590	.02	.60	.10	319	.06	.04	.01	200	50
600	.03	.00	.01	0	.00	.01	.35	331	166
610	.04	.62	.13	0	.08	.05	.14	125	350
620	.05	.43	.14	318	.06	.08	.09	160	180
630	.16	.78	.09	0	.07	.02	.17	12	106
640	.06	.75	.04	0	.03	.01	.16	16	266
650	.14	.71	.07	0	.05	.02	.13	14	92
660	.15	.80	.10	352	.08	.02	.22	13	146
670	.13	1.00	.04	0	.04	.00	.11	0	84
720	.16	.38	.16	395	.06	.10	.80	62	500
730	.14	.33	.06	407	.02	.04	.40	28	285
740	.04	.00	.01	0	.00	.01	.04	25	100
750	.07	1.00	.01	0	.01	.00	.04	0	57
760	.09	.40	.05	318	.02	.03	.08	33	88
770	.12	.22	.09	449	.02	.07	.03	58	25
780	.10	.60	.10	459	.06	.04	.01	40	10
790	.19	.00	.01	0	.00	.01	1.35	5	710
800	.08	.50	.02	374	.01	.01	.06	12	75
810	.05	.67	.06	314	.04	.02	.01	40	20
820	.05	.50	.06	0	.03	.03	.01	60	20
830	.05	.60	.05	335	.03	.02	.01	40	20
840	.06	.50	.04	332	.02	.02	.01	33	16
850	.06	.50	.04	427	.02	.02	.01	33	16
860	.05	.67	.03	0	.02	.01	.01	20	20
870	.04	.33	.03	322	.01	.02	.01	50	25
880	.04	1.00	.01	0	.01	.00	.01	0	25
890	.05	.50	.04	324	.02	.02	.01	40	20
900	.06	.75	.04	0	.03	.01	.01	16	16
910	.05	.40	.05	0	.02	.03	.01	60	20
920	.05	.57	.07	0	.04	.03	.01	60	20
930	.05	.50	.08	315	.04	.04	.17	80	340
940	.04	1.00	.03	0	.03	.00	.01	0	25
950	.04	1.00	.02	0	.02	.00	.01	0	25
960	.05	.60	.05	314	.03	.02	.01	40	20
970	.04	1.00	.01	0	.01	.00	.01	0	25
980	.01	1.00	.02	0	.02	.00	.01	0	100
990	.02	1.00	.01	0	.01	.00	.01	0	50
1000	.01	.00	.01	0	.00	.01	.01	100	100
1010	.02	1.00	.03	0	.03	.00	.01	0	50
1020	.02	1.00	.03	0	.03	.00	.01	0	50
1030	.03	.67	.03	0	.02	.01	.01	33	33
1040	.07	.67	.03	335	.02	.01	.01	14	14
1050	.21	.38	.32	457	.12	.20	.10	95	47
1060	.05	.53	.19	324	.10	.09	.07	180	140

Shell Kishinena b-56-C/82-G-1					0 5760m				
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
1070	.03	.67	.03	0	.02	.01	.01	33	33
1080	.03	1.00	.02	0	.02	.00	.01	0	33
1090	.01	1.00	.02	0	.02	.00	.01	0	100
1100	.05	.56	.16	375	.09	.07	.15	140	300
1110	.01	1.00	.01	0	.01	.00	.01	0	100
1120	.04	.00	.01	0	.00	.01	.02	25	50
1130	.03	.75	.04	0	.03	.01	.01	33	33
1140	.03	.60	.05	320	.03	.02	.01	66	33
1150	.03	.36	.14	430	.05	.09	.01	300	33
1160	.06	.69	.16	0	.11	.05	.08	83	133
1170	.01	1.00	.02	0	.02	.00	.07	0	700
1180	.01	1.00	.02	0	.02	.00	.01	0	100
1190	.01	1.00	.02	0	.02	.00	.10	0	1000
1200	.06	.63	.08	374	.05	.03	.16	50	266
1210	.07	.50	.12	318	.06	.06	.03	85	42
1220	.02	.75	.04	0	.03	.01	.01	50	50
1230	.03	.67	.12	0	.08	.04	.01	133	33
1240	.06	.61	.18	319	.11	.07	.01	116	16
1250	.05	.78	.09	0	.07	.02	.01	40	20
1260	.02	1.00	.04	0	.04	.00	.01	0	50
1270	.04	.67	.03	417	.02	.01	.10	25	250
1280	.03	.50	.02	338	.01	.01	.01	33	33
1290	.06	1.00	.02	0	.02	.00	.02	0	33
1300	.02	1.00	.02	0	.02	.00	.01	0	50
1310	.01	.00	.01	0	.00	.01	.01	100	100
1320	.01	1.00	.02	0	.02	.00	.01	0	100
1330	.01	1.00	.02	0	.02	.00	.01	0	100
1340	.01	1.00	.03	0	.03	.00	.05	0	500
1350	.02	.25	.08	425	.02	.06	.07	300	350
1360	.03	1.00	.02	0	.02	.00	.01	0	33
1370	.06	.33	.09	421	.03	.06	.01	100	16
1380	.05	1.00	.02	0	.02	.00	.01	0	20
1390	.08	.60	.05	322	.03	.02	.01	25	12
1400	.06	.44	.09	356	.04	.05	.01	83	16
1410	.05	1.00	.01	0	.01	.00	.01	0	20
1420	.02	1.00	.01	0	.01	.00	.01	0	50
1430	.07	.80	.05	408	.04	.01	.02	14	28
1440	.04	1.00	.03	0	.03	.00	.01	0	25
1450	.01	1.00	.01	0	.01	.00	.01	0	100
1460	.02	1.00	.03	0	.03	.00	.01	0	50
1470	.03	.67	.03	0	.02	.01	.01	33	33
1480	.03	.33	.03	0	.01	.02	.01	66	33
1490	.02	1.00	.01	0	.01	.00	.01	0	50
1500	.06	.29	.17	407	.05	.12	.10	200	166
1510	.07	.41	.17	382	.07	.10	.04	142	57
1520	.03	.43	.07	352	.03	.04	.01	133	33
1530	.11	.56	.09	0	.05	.04	.01	36	9
1540	.16	.50	.18	435	.09	.09	.01	56	6
1550	.02	.48	.27	478	.13	.14	.04	700	200

Shell Kishinena b-56-C/82-G-1					0 5760m				
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
1560	.03	1.00	.02	0	.02	.00	.01	0	33
1570	.15	.44	.16	445	.07	.09	.01	59	6
1580	.17	.38	.29	470	.11	.18	.01	105	5
1590	.05	.71	.07	427	.05	.02	.01	40	20
1600	.06	.71	.07	340	.05	.02	.01	33	16
1610	.04	.50	.02	419	.01	.01	.01	25	25
1620	.04	.75	.04	369	.03	.01	.01	25	25
1630	.04	.75	.08	0	.06	.02	.01	50	25
1640	.07	.71	.07	312	.05	.02	.01	28	14
1650	.03	.67	.06	0	.04	.02	.01	66	33
1660	.09	.63	.08	420	.05	.03	.21	33	233
1670	.05	1.00	.05	0	.05	.00	.10	0	200
1680	.06	.67	.03	330	.02	.01	.06	16	100
1690	.25	.00	.01	0	.00	.01	.28	4	112
1700	.20	.25	.08	440	.02	.06	.18	30	90
1710	.46	.13	.16	436	.02	.14	.35	30	76
1720	.07	1.00	.02	0	.02	.00	.13	0	185
1730	.03	1.00	.02	0	.02	.00	.15	0	500
1740	.03	1.00	.03	0	.03	.00	.08	0	266
1750	4.56	.03	2.39	437	.07	2.32	2.58	50	56
1760	.06	.00	.01	0	.00	.01	.04	16	66
1770	.03	.05	.43	440	.02	.41	.61	1366	2033
1780	.34	.00	.08	440	.00	.08	.22	23	64
1790	.28	.11	.09	440	.01	.08	.21	28	75
1800	.19	.33	.09	432	.03	.06	.26	31	136
1810	.05	1.00	.02	0	.02	.00	.16	0	320
1820	.65	.03	.32	443	.01	.31	.55	47	84
1830	.34	.08	.12	442	.01	.11	.26	32	76
1840	.25	.33	.12	440	.04	.08	.23	32	92
1850	.03	.07	.42	443	.03	.39	.38	1300	1266
1860	.86	.07	.43	446	.03	.40	.54	46	62
1870	.25	.00	.05	449	.00	.05	.26	20	104
1880	.05	.00	.01	0	.00	.01	.06	20	120
1890	.11	.33	.03	358	.01	.02	.10	18	90
1900	.23	.18	.11	439	.02	.09	.24	39	104
1910	.07	.75	.04	439	.03	.01	.13	14	185
1920	.11	.60	.05	327	.03	.02	.10	18	90
1930	.04	1.00	.01	0	.01	.00	.04	0	100
1940	.02	.00	.01	0	.00	.01	.12	50	600
1950	.03	.00	.01	0	.00	.01	.10	33	333
1960	.04	1.00	.01	0	.01	.00	.09	0	225
1970	.02	.00	.01	0	.00	.01	.03	50	150
1980	.06	.00	.01	0	.00	.01	.02	16	33
1990	.03	1.00	.01	0	.01	.00	.05	0	166
2000	.03	1.00	.02	0	.02	.00	.09	0	300
2010	.04	.00	.01	0	.00	.01	.08	25	200
2020	.03	.00	.01	0	.00	.01	.06	33	200
2030	.03	.00	.01	0	.00	.01	.07	33	233
2040	.05	1.00	.01	0	.01	.00	.11	0	220

Shell Kishinena b-56-C/82-G-1					0 5760m				
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
2050	.02	.00	.01	0	.00	.01	.07	50	350
2060	.16	.00	.01	0	.00	.01	.01	6	6
2070	.06	.00	.01	0	.00	.01	.11	16	183
2080	.03	.00	.01	0	.00	.01	.10	33	333
2090	.01	.00	.01	0	.00	.01	.16	100	1600
2100	.01	.00	.01	0	.00	.01	.09	100	900
2110	.02	1.00	.01	0	.01	.00	.18	0	900
2120	.01	.00	.01	0	.00	.01	.17	100	1700
2130	.02	.00	.01	0	.00	.01	.07	50	350
2140	.23	1.00	.05	0	.05	.00	.17	0	73
2150	.06	.00	.01	0	.00	.01	.12	16	200
2160	.03	1.00	.01	0	.01	.00	.09	0	300
2170	.03	1.00	.03	0	.03	.00	.16	0	533
2180	.07	.75	.04	0	.03	.01	.19	14	271
2190	.01	.00	.01	0	.00	.01	.11	100	1100
2200	.03	1.00	.02	0	.02	.00	.12	0	400
2210	.04	1.00	.01	0	.01	.00	.11	0	275
2240	.05	1.00	.02	0	.02	.00	.12	0	240
2250	.04	.00	.01	0	.00	.01	.11	25	275
2260	.04	.00	.01	0	.00	.01	.06	25	150
2270	.09	1.00	.02	0	.02	.00	.12	0	133
2280	.07	1.00	.05	0	.05	.00	.17	0	242
2290	.03	1.00	.01	0	.01	.00	.06	0	200
2300	.12	.20	.05	374	.01	.04	.16	33	133
2310	.03	.00	.01	0	.00	.01	.04	33	133
2320	.03	.00	.01	0	.00	.01	.07	33	233
2330	.03	1.00	.01	0	.01	.00	.17	0	566
2340	.03	1.00	.01	0	.01	.00	.12	0	400
2350	.04	1.00	.02	0	.02	.00	.28	0	700
2360	.05	.00	.01	0	.00	.01	.10	20	200
2370	.08	1.00	.01	0	.01	.00	.08	0	100
2380	.09	1.00	.02	0	.02	.00	.06	0	66
2390	.18	.67	.06	348	.04	.02	.19	11	105
2400	.13	1.00	.01	0	.01	.00	.12	0	92
2410	.11	1.00	.02	0	.02	.00	.13	0	118
2420	.16	1.00	.03	0	.03	.00	.07	0	43
2430	.21	.75	.08	444	.06	.02	.07	9	33
2440	.24	.83	.06	418	.05	.01	.08	4	33
2450	.22	1.00	.05	0	.05	.00	.10	0	45
2460	.16	1.00	.01	0	.01	.00	.10	0	62
2470	.74	.03	.37	440	.01	.36	.55	48	74
2480	.06	.00	.01	0	.00	.01	.07	16	116
2480	.01	.00	.01	0	.00	.01	.04	100	400
2490	.03	1.00	.02	0	.02	.00	.14	0	466
2500	.03	.00	.01	0	.00	.01	.09	33	300
2510	.07	1.00	.01	0	.01	.00	.09	0	128
2520	.18	1.00	.02	0	.02	.00	.11	0	61
2530	.06	1.00	.01	0	.01	.00	.11	0	183
2540	.04	1.00	.01	0	.01	.00	.20	0	500

Shell Kishinena b-56-C/82-G-1					0 5760m				
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
2550	.04	1.00	.03	0	.03	.00	.20	0	500
2560	.03	1.00	.01	0	.01	.00	.22	0	733
2570	.01	.00	.01	0	.00	.01	.10	100	1000
2580	.10	.00	.01	0	.00	.01	.08	10	80
2590	.03	.00	.01	0	.00	.01	.06	33	200
2600	.04	1.00	.01	0	.01	.00	.10	0	250
2610	.02	.00	.01	0	.00	.01	.08	50	400
2620	.01	1.00	.01	0	.01	.00	.06	0	600
2630	.03	1.00	.01	0	.01	.00	.11	0	366
2640	.02	1.00	.01	0	.01	.00	.03	0	150
2650	.03	1.00	.01	0	.01	.00	.07	0	233
2660	.03	.00	.01	0	.00	.01	.05	33	166
2670	.03	1.00	.01	0	.01	.00	.04	0	133
2680	.03	1.00	.01	0	.01	.00	.21	0	700
2690	.03	1.00	.02	0	.02	.00	.20	0	666
2700	.03	1.00	.01	0	.01	.00	.10	0	333
2710	.03	.00	.01	0	.00	.01	.02	33	66
2720	.05	1.00	.02	0	.02	.00	.08	0	160
2730	.06	1.00	.03	0	.03	.00	.12	0	200
2740	.06	.50	.02	0	.01	.01	.04	16	66
2750	.05	1.00	.01	0	.01	.00	.10	0	200
2760	.01	1.00	.01	0	.01	.00	.01	0	100
2770	.02	1.00	.01	0	.01	.00	.02	0	100
2780	.03	1.00	.01	0	.01	.00	.01	0	33
2790	.01	.00	.01	0	.00	.01	.01	100	100
2800	.06	1.00	.01	0	.01	.00	.08	0	133
2810	.03	1.00	.01	0	.01	.00	.03	0	100
2820	.02	.00	.01	0	.00	.01	.07	50	350
2830	.03	1.00	.01	0	.01	.00	.07	0	233
2840	.05	1.00	.01	0	.01	.00	.08	0	160
2850	.77	.04	.55	438	.02	.53	.64	68	83
2860	.04	.00	.01	0	.00	.01	.05	25	125
2870	.02	.00	.01	0	.00	.01	.05	50	250
2880	.04	1.00	.01	0	.01	.00	.01	0	25
2890	.03	.00	.01	0	.00	.01	.02	33	66
2900	.11	.60	.05	325	.03	.02	.14	18	127
2910	.07	1.00	.02	0	.02	.00	.11	0	157
2920	.05	1.00	.01	0	.01	.00	.04	0	80
2930	.04	.00	.01	0	.00	.01	.08	25	200
2940	.02	.00	.01	0	.00	.01	.08	50	400
2950	.03	.00	.01	0	.00	.01	.05	33	166
2960	.05	.00	.01	0	.00	.01	.15	20	300
2970	.22	.17	.06	415	.01	.05	.23	22	104
2980	.08	1.00	.01	0	.01	.00	.13	0	162
2990	.09	.00	.01	0	.00	.01	.14	11	155
3000	.44	.12	.17	439	.02	.15	.32	34	72
3010	.60	.05	.19	444	.01	.18	.57	29	95
3020	.34	.08	.13	443	.01	.12	.41	35	120
3030	.03	.00	.01	0	.00	.01	.15	33	500

Shell Kishinena b-56-C/82-G-1					0 5760m				
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
3040	.03	1.00	.01	0	.01	.00	.16	0	533
3050	.03	1.00	.01	0	.01	.00	.18	0	600
3060	.75	.06	.32	439	.02	.30	.55	40	73
3070	.07	1.00	.01	0	.01	.00	.18	0	257
3080	.22	.29	.07	432	.02	.05	.23	22	104
3090	.21	.40	.05	401	.02	.03	.32	14	152
3100	.14	.25	.04	358	.01	.03	.22	21	157
3110	.03	1.00	.01	0	.01	.00	.13	0	433
3120	.03	1.00	.01	0	.01	.00	.17	0	566
3130	.04	1.00	.01	0	.01	.00	.17	0	425
3140	.03	1.00	.01	0	.01	.00	.11	0	366
3150	.03	.00	.01	0	.00	.01	.13	33	433
3160	.02	.00	.01	0	.00	.01	.10	50	500
3170	.04	.00	.01	0	.00	.01	.12	25	300
3180	.19	.14	.07	446	.01	.06	.19	31	100
3190	.05	.00	.01	0	.00	.01	.12	20	240
3200	.10	.67	.03	329	.02	.01	.21	10	210
3210	.02	1.00	.01	0	.01	.00	.09	0	450
3220	.37	.11	.18	439	.02	.16	.31	43	83
3230	.02	1.00	.01	0	.01	.00	.09	0	450
3240	.17	.00	.01	0	.00	.01	.01	5	5
3250	.14	.29	.07	451	.02	.05	.12	35	85
3260	.08	.57	.07	345	.04	.03	.24	37	300
3270	.06	1.00	.02	0	.02	.00	.16	0	266
3280	.13	.45	.11	375	.05	.06	.21	46	161
3290	.05	.60	.05	325	.03	.02	.19	40	380
3300	.04	1.00	.03	0	.03	.00	.16	0	400
3310	.05	.80	.05	0	.04	.01	.20	20	400
3320	.05	1.00	.08	0	.08	.00	.26	0	520
3330	.02	1.00	.03	0	.03	.00	.17	0	850
3340	.34	.13	.15	446	.02	.13	.25	38	73
3350	.05	1.00	.02	0	.02	.00	.15	0	300
3360	.09	.60	.10	351	.06	.04	.20	44	222
3370	.05	.83	.06	0	.05	.01	.18	20	360
3380	.02	1.00	.01	0	.01	.00	.06	0	300
3390	.03	1.00	.02	0	.02	.00	.09	0	300
3400	.04	1.00	.02	0	.02	.00	.10	0	250
3410	.09	.67	.06	0	.04	.02	.09	22	99
3420	.07	.67	.06	422	.04	.02	.07	28	100
3430	.05	.75	.04	0	.03	.01	.06	20	120
3440	1.15	.07	.58	440	.04	.54	.62	46	53
3450	.17	1.00	.01	0	.01	.00	.22	0	129
3460	.50	.17	.18	439	.03	.15	.32	30	64
3470	.15	.33	.03	444	.01	.02	.37	13	246
3480	15.84	.38	67.83	346	26.05	41.78	30.66	263	193
3490	.67	.16	1.06	352	.17	.89	3.23	132	482
3500	.29	.27	.11	444	.03	.08	.63	27	217
3510	.22	.00	.02	446	.00	.02	.44	9	200
3520	.50	.15	.13	445	.02	.11	.48	22	96

Shell Kishinena b-56-C/82-G-1					0 5760m				
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
3530	.11	1.00	.01	0	.01	.00	.18	0	163
3540	.07	.00	.01	0	.00	.01	.09	14	128
3550	.08	1.00	.01	0	.01	.00	.10	0	125
3560	.07	1.00	.01	0	.01	.00	.12	0	171
3570	.05	1.00	.01	0	.01	.00	.16	0	320
3580	.15	1.00	.02	0	.02	.00	.14	0	93
3590	.12	.00	.01	0	.00	.01	.07	8	58
3600	.13	1.00	.01	0	.01	.00	.08	0	61
3610	.13	1.00	.02	0	.02	.00	.11	0	84
3620	.11	.33	.03	0	.01	.02	.09	18	81
3630	.08	.00	.01	0	.00	.01	.08	12	100
3640	.09	1.00	.01	0	.01	.00	.06	0	66
3650	.13	1.00	.01	0	.01	.00	.32	0	246
3660	.05	.67	.03	322	.02	.01	.02	20	40
3670	.13	.60	.05	0	.03	.02	.04	15	30
3680	.12	.60	.05	337	.03	.02	.09	16	75
3690	.11	.50	.08	344	.04	.04	.09	36	81
3700	.20	.50	.20	461	.10	.10	.19	50	95
3710	.10	.56	.09	348	.05	.04	.15	40	150
3720	.13	.45	.11	0	.05	.06	.25	46	192
3730	.06	1.00	.02	0	.02	.00	.13	0	216
3740	.08	.75	.04	0	.03	.01	.10	12	125
3750	.43	.14	.21	441	.03	.18	.38	41	88
3760	.04	1.00	.02	0	.02	.00	.13	0	325
3770	.08	.50	.02	323	.01	.01	.10	12	125
3780	.06	1.00	.04	0	.04	.00	.14	0	233
3790	.08	1.00	.02	0	.02	.00	.07	0	87
3800	.04	1.00	.01	0	.01	.00	.05	0	125
3810	.06	.67	.03	0	.02	.01	.09	16	150
3820	.13	1.00	.01	0	.01	.00	.14	0	107
3840	.47	.12	.42	441	.05	.37	.45	78	95
3850	.10	.38	.08	401	.03	.05	.12	50	120
3860	.06	.75	.04	0	.03	.01	.11	16	183
3880	.03	1.00	.01	0	.01	.00	.18	0	600
3890	.02	1.00	.02	0	.02	.00	.33	0	1650
3900	.04	1.00	.02	0	.02	.00	.20	0	500
3910	.04	1.00	.03	0	.03	.00	.34	0	850
3920	.14	.50	.10	486	.05	.05	.24	35	171
3930	.08	.50	.06	395	.03	.03	.51	37	637
3940	.09	.33	.03	0	.01	.02	.55	22	611
3950	.03	.00	.01	0	.00	.01	.22	33	733
3960	.08	.67	.06	352	.04	.02	.12	25	150
3970	.06	1.00	.04	0	.04	.00	.16	0	266
3980	.05	1.00	.03	0	.03	.00	.07	0	140
3990	.03	1.00	.03	0	.03	.00	.07	0	233
4000	.03	1.00	.03	0	.03	.00	.12	0	400
4010	.05	.91	.11	0	.10	.01	.13	20	260
4020	.04	1.00	.05	0	.05	.00	.14	0	350
4030	.03	1.00	.03	0	.03	.00	.12	0	400

Shell Kishinena b-56-C/82-G-1					0 5760m				
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
4040	.05	1.00	.02	0	.02	.00	.08	0	160
4050	.06	1.00	.03	0	.03	.00	.19	0	316
4060	.02	1.00	.02	0	.02	.00	.10	0	500
4070	.02	1.00	.02	0	.02	.00	.13	0	650
4080	.02	1.00	.01	0	.01	.00	.07	0	350
4090	.13	.50	.06	374	.03	.03	.17	23	130
4100	.01	.00	.01	0	.00	.01	.02	100	200
4110	.02	1.00	.01	0	.01	.00	.05	0	250
4120	.17	.50	.08	392	.04	.04	.23	23	135
4130	.02	.00	.01	0	.00	.01	.14	50	700
4140	.03	1.00	.01	0	.01	.00	.05	0	166
4150	.06	1.00	.03	0	.03	.00	.15	0	250
4160	.07	.33	.03	343	.01	.02	.23	28	328
4170	.24	.33	.03	348	.01	.02	.21	8	87
4180	.09	1.00	.02	0	.02	.00	.06	0	66
4190	.18	.55	.11	351	.06	.05	.10	27	55
4200	.11	.83	.06	0	.05	.01	.09	9	81
4210	.06	1.00	.02	0	.02	.00	.07	0	116
4220	.06	.75	.04	419	.03	.01	.14	16	233
4230	.18	.67	.18	439	.12	.06	.45	33	249
4240	.15	.58	.12	373	.07	.05	.15	33	100
4250	.46	.62	.39	481	.24	.15	.17	32	36
4260	.40	.18	.28	489	.05	.23	.26	57	65
4270	.53	.35	.40	486	.14	.26	.15	49	28
4280	.54	.45	.78	483	.35	.43	.29	79	53
4290	.43	.18	.28	493	.05	.23	.44	53	102
4300	.59	.10	1.03	487	.10	.93	.11	157	18
4320	.56	.12	.97	493	.12	.85	.17	151	30
4330	.68	.20	.70	496	.14	.56	.42	82	61
4340	.45	.15	.48	495	.07	.41	.14	91	31
4350	.55	.20	.60	493	.12	.48	.24	87	43
4360	.47	.23	.40	494	.09	.31	.26	65	55
4370	.39	.18	.39	497	.07	.32	.26	82	66
4380	.45	.23	.39	496	.09	.30	.19	66	42
4390	.71	.18	.57	495	.10	.47	.21	66	29
4400	.54	.26	.46	497	.12	.34	.25	62	46
4410	.56	.16	.51	499	.08	.43	.16	76	28
4420	.47	.21	.47	496	.10	.37	.15	78	31
4430	.54	.22	.45	503	.10	.35	.23	64	42
4440	.69	.21	.56	501	.12	.44	.17	63	24
4450	.54	.33	.46	499	.15	.31	.22	57	40
4460	.47	.19	.26	499	.05	.21	.26	44	55
4470	.29	.42	.33	495	.14	.19	.10	65	34
4480	.33	.25	.20	494	.05	.15	.09	45	27
4490	.21	.33	.18	512	.06	.12	.07	57	33
4500	.25	.26	.23	500	.06	.17	.20	68	80
4510	.10	.29	.07	407	.02	.05	.06	50	60
4520	.05	1.00	.03	0	.03	.00	.07	0	140
4530	.08	.80	.05	369	.04	.01	.08	12	100

Shell Kishinena b-56-C/82-G-1					0 5760m				
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
4540	.08	.36	.11	395	.04	.07	.07	87	87
4550	.12	.42	.12	415	.05	.07	.14	58	116
4560	.06	.40	.05	365	.02	.03	.04	50	66
4570	.03	1.00	.03	0	.03	.00	.01	0	33
4580	.04	1.00	.04	0	.04	.00	.02	0	50
4590	.06	1.00	.01	0	.01	.00	.08	0	133
4600	.10	.93	.15	359	.14	.01	.75	10	750
4610	.09	.75	.04	314	.03	.01	.18	11	199
4620	.09	.83	.06	0	.05	.01	.13	11	144
4630	.08	.80	.10	0	.08	.02	.07	25	87
4640	.04	1.00	.01	0	.01	.00	.02	0	50
4650	.09	1.00	.01	0	.01	.00	.06	0	66
4660	.09	1.00	.01	0	.01	.00	.02	0	22
4670	.07	.67	.06	0	.04	.02	.01	28	14
4680	.08	.00	.01	0	.00	.01	.28	12	350
4690	.08	1.00	.01	0	.01	.00	.10	0	125
4700	.07	.00	.02	365	.00	.02	.05	28	71
4710	.10	.00	.01	0	.00	.01	.02	10	20
4720	.04	.00	.01	0	.00	.01	.10	25	250
4730	.04	.00	.01	0	.00	.01	.09	25	225
4740	.28	.00	.09	443	.00	.09	.28	32	100
4750	.03	.00	.01	0	.00	.01	.06	33	200
4760	.05	1.00	.02	0	.02	.00	.10	0	200
4770	.02	1.00	.01	0	.01	.00	.07	0	350
4780	.04	1.00	.03	0	.03	.00	.09	0	225
4790	.04	.50	.04	0	.02	.02	.07	50	175
4800	.04	1.00	.01	0	.01	.00	.09	0	225
4810	.06	.33	.03	380	.01	.02	.12	33	200
4820	.05	1.00	.04	0	.04	.00	.10	0	200
4830	.05	1.00	.01	0	.01	.00	.10	0	200
4840	.03	1.00	.03	0	.03	.00	.06	0	200
4850	.08	.50	.06	396	.03	.03	.04	37	50
4860	.22	.28	.18	498	.05	.13	.25	59	113
4870	.02	.67	.03	357	.02	.01	.11	50	550
4880	.01	.33	.03	0	.01	.02	.05	200	500
4890	.01	1.00	.01	0	.01	.00	.09	0	900
4900	.01	1.00	.01	0	.01	.00	.09	0	900
4910	.01	1.00	.01	0	.01	.00	.08	0	800
4920	.01	.00	.01	0	.00	.01	.08	100	800
4930	.01	.00	.01	0	.00	.01	.07	100	700
4940	.03	1.00	.02	0	.02	.00	.12	0	400
4950	.03	1.00	.02	0	.02	.00	.07	0	233
4960	.03	1.00	.01	0	.01	.00	.11	0	366
4970	.10	.33	.03	324	.01	.02	.16	20	160
4980	.07	1.00	.01	0	.01	.00	.10	0	142
4990	.01	1.00	.01	0	.01	.00	.07	0	700
5000	.01	1.00	.01	0	.01	.00	.07	0	700
5010	.03	.00	.01	0	.00	.01	.04	33	133
5020	.02	.00	.01	0	.00	.01	.04	50	200

Shell Kishinena b-56-C/82-G-1					0 5760m				
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
5030	.05	.00	.01	0	.00	.01	.17	20	340
5040	.04	.00	.01	0	.00	.01	.06	25	150
5050	.02	1.00	.03	0	.03	.00	.07	0	350
5060	.04	1.00	.03	0	.03	.00	.03	0	75
5070	.03	1.00	.05	0	.05	.00	.07	0	233
5080	.16	.00	.01	0	.00	.01	.37	6	231
5090	.08	1.00	.02	0	.02	.00	.10	0	125
5100	.04	1.00	.02	0	.02	.00	.03	0	75
5110	.12	.17	.06	436	.01	.05	.12	41	100
5120	.01	.00	.01	0	.00	.01	.17	100	1700
5130	.01	.00	.01	0	.00	.01	.11	100	1100
5140	.03	.00	.01	0	.00	.01	.13	33	433
5150	.03	1.00	.01	0	.01	.00	.14	0	466
5160	.02	.00	.01	0	.00	.01	.03	50	150
5170	.02	.00	.01	0	.00	.01	.09	50	450
5180	.02	.50	.02	307	.01	.01	.12	50	600
5190	.01	1.00	.01	0	.01	.00	.14	0	1400
5200	.01	.00	.01	0	.00	.01	.08	100	800
5210	.01	1.00	.01	0	.01	.00	.12	0	1200
5220	.01	1.00	.01	0	.01	.00	.08	0	800
5230	.03	1.00	.01	0	.01	.00	.11	0	366
5240	.03	.00	.01	0	.00	.01	.04	33	133
5250	.06	.60	.05	0	.03	.02	.12	33	200
5260	.01	.50	.02	0	.01	.01	.12	100	1200
5270	.02	1.00	.01	0	.01	.00	.24	0	1200
5280	.03	.00	.01	0	.00	.01	.12	33	400
5290	.03	.00	.01	0	.00	.01	.09	33	300
5300	.01	1.00	.01	0	.01	.00	.11	0	1100
5310	.06	.00	.01	0	.00	.01	.01	16	16
5320	.68	.00	.25	447	.00	.25	.65	36	95
5330	.09	.20	.05	447	.01	.04	.17	44	188
5340	.28	.14	.14	444	.02	.12	.25	42	89
5350	.07	.43	.07	412	.03	.04	.15	57	214
5360	.08	.33	.06	374	.02	.04	.15	50	187
5370	.03	1.00	.02	0	.02	.00	.13	0	433
5380	.02	1.00	.01	0	.01	.00	.07	0	350
5390	.24	.22	.09	443	.02	.07	.20	29	83
5400	.08	.50	.06	345	.03	.03	.13	37	162
5410	.17	.45	.11	348	.05	.06	.35	35	205
5420	.15	.42	.12	418	.05	.07	.22	46	146
5430	.09	.71	.07	336	.05	.02	.29	22	322
5440	.04	1.00	.02	0	.02	.00	.15	0	375
5450	.07	.50	.04	0	.02	.02	.34	28	485
5460	.12	.25	.08	441	.02	.06	.13	50	108
5470	.07	.60	.05	337	.03	.02	.21	28	300
5480	.15	.67	.03	322	.02	.01	.19	6	126
5490	.04	1.00	.01	0	.01	.00	.15	0	375
5500	.04	1.00	.01	0	.01	.00	.06	0	150
5510	.17	.33	.09	439	.03	.06	.18	35	105

Shell Kishinena b-56-C/82-G-1					0 5760m				
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
5520	.14	.75	.04	344	.03	.01	.19	7	135
5530	.83	.10	.39	437	.04	.35	1.01	42	121
5540	7.83	.35	24.60	343	8.65	15.95	13.73	203	175
5550	3.63	.34	12.89	348	4.44	8.45	7.66	232	211
5560	.70	.24	1.57	354	.37	1.20	2.87	171	410
5570	.57	.19	.95	351	.18	.77	3.70	135	649
5580	.27	.13	.08	449	.01	.07	.62	25	229
5590	.16	.43	.07	364	.03	.04	.58	25	362
5600	.08	.67	.03	0	.02	.01	.23	12	287
5610	.09	1.00	.05	0	.05	.00	.18	0	199
5620	.28	.43	.14	442	.06	.08	.32	28	114
5630	.07	1.00	.06	0	.06	.00	.17	0	242
5640	.15	1.00	.02	0	.02	.00	.11	0	73
5650	.14	.83	.06	317	.05	.01	.25	7	178
5660	.10	1.00	.05	0	.05	.00	.12	0	120
5670	.41	.62	.26	390	.16	.10	.30	24	73
5680	.46	.44	.18	430	.08	.10	.28	21	60
5690	.13	.79	.19	389	.15	.04	.33	30	253
5700	.08	.73	.11	423	.08	.03	.27	37	337
5710	.13	.75	.08	344	.06	.02	.21	15	161
5720	.05	1.00	.02	0	.02	.00	.18	0	360
5730	.04	1.00	.02	0	.02	.00	.15	0	375
5740	.20	.50	.12	441	.06	.06	.28	30	140
5750	.04	1.00	.03	0	.03	.00	.18	0	450
5760	.04	.83	.06	311	.05	.01	.13	25	325
Etherington Fm			1615M						
Mount Head Fm			1676						
Livingstone Fm			1955						
Livingstone Fm			2250						
Livingstone Fm			2493						
Livingstone Fm			2550						
Banff Fm			2681						
Mount Head Fm			2715						
Mount Head Fm			2854						
Livingstone Fm			2988						
Ishbel Fm			3268						
Etherington Fm			3290						
Mount Head Fm			3328						
Mount Head Fm			3414						
Livingstone Fm			3582						
Mount Head Fm			3651						
Mount Head Fm			3669						
Etherington Fm			3874						
Mount Head Fm			3949						
Etherington Fm			3964						
Mount Head Fm			4036						
Ishbel Fm			4210						
Kootenay Fm			4244						
Ferne Fm			4354						

Shell Kishinena b-56-C/82-G-1						0 5760m			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
Etherington Fm			4483						
Mount Head Fm			4516						
Livingstone Fm			4696						
Mount Head Fm			5018						
Livingstone Fm			5107						
Livingstone Fm			5428						
Banff Fm			5501						
Livingstone Fm			5677						

Calstan Fording Mountain d-61-L/82-G-15 0 16550 ft									
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
30F	.01	.00	.02	337	.00	.02	.02	200	200
60	.01	.00	.01	421	.00	.01	.01	100	100
90	.01	.33	.03	357	.01	.02	.01	200	100
120	.01	.20	.05	518	.01	.04	.02	400	200
150	.01	.50	.04	356	.02	.02	.12	200	1200
180	.01	.11	.09	424	.01	.08	.01	800	100
210	.01	.25	.08	495	.02	.06	.01	600	100
240	.01	.00	.08	577	.00	.08	.01	800	100
270	.01	.13	.08	558	.01	.07	.01	700	100
300	.01	.00	.04	422	.00	.04	.01	400	100
330	.01	.31	.13	426	.04	.09	.04	900	400
360	.01	.06	.18	435	.01	.17	.05	1700	500
390	.01	.00	.07	448	.00	.07	.05	700	500
420	.01	.00	.03	403	.00	.03	.01	300	100
450	.01	.30	.10	418	.03	.07	.04	700	400
480	.01	.15	.20	428	.03	.17	.06	1700	600
510	.01	.00	.06	378	.00	.06	.01	600	100
540	.01	.32	.19	427	.06	.13	.08	1300	800
570	.01	.31	.13	426	.04	.09	.01	900	100
600	.02	.41	.27	425	.11	.16	.06	800	300
630	.01	.27	.11	402	.03	.08	.03	800	300
660	.01	.14	.07	420	.01	.06	.01	600	100
690	.01	.33	.03	317	.01	.02	.01	200	100
720	.01	.33	.06	352	.02	.04	.01	400	100
750	.02	.78	.27	0	.21	.06	.01	300	50
780	.01	.60	.05	0	.03	.02	.01	200	100
810	.01	.46	.13	341	.06	.07	.01	700	100
840	.01	.33	.06	0	.02	.04	.01	400	100
870	.01	.67	.03	420	.02	.01	.02	100	200
900	.03	.67	.06	0	.04	.02	.01	66	33
930	.01	.50	.02	0	.01	.01	.01	100	100
960	.01	.50	.02	0	.01	.01	.01	100	100
990	.01	.33	.03	0	.01	.02	.01	200	100
1020	.01	.14	.07	429	.01	.06	.01	600	100
1050	.01	.25	.04	390	.01	.03	.01	300	100
1080	.04	.50	.08	321	.04	.04	.02	100	50
1110	.18	.74	2.19	320	1.62	.57	.07	316	38
1140	.15	.66	1.13	393	.75	.38	.17	253	113
1170	.69	.59	8.12	331	4.77	3.35	.21	485	30
1200	.01	.71	.21	396	.15	.06	.17	600	1700
1230	.01	.63	.19	391	.12	.07	.27	700	2700
1260	.03	.76	.17	341	.13	.04	.03	133	100
1290	.01	.78	.09	420	.07	.02	.10	200	1000
1320	.01	.77	.22	339	.17	.05	.09	500	900
1350	.28	.53	.81	375	.43	.38	.18	135	64
1380	.13	.73	.74	384	.54	.20	.16	153	123
1410	1.57	.57	17.06	339	9.75	7.31	.28	465	17
1440	.23	.73	2.51	321	1.82	.69	.16	300	69
1470	2.82	.59	32.63	335	19.22	13.41	.34	475	12

Calstan Fording Mountain d-61-L/82-G-15						0 16550 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
1500	1.53	.61	17.31	327	10.53	6.78	.54	443	35
1530	.06	.84	.80	357	.67	.13	.18	216	300
1560	1.55	.65	17.29	329	11.20	6.09	.24	392	15
1590	.02	.80	.30	397	.24	.06	.12	300	600
2100	.04	.71	.35	403	.25	.10	.20	250	500
2130	.01	.39	.18	445	.07	.11	.04	1100	400
2160	.07	.78	.27	415	.21	.06	.22	85	314
2190	.03	.67	.21	343	.14	.07	.17	233	566
2220	.01	.67	.18	364	.12	.06	.20	600	2000
2250	.01	.65	.17	387	.11	.06	.17	600	1700
2280	.04	.67	.15	346	.10	.05	.19	125	475
2310	.02	.70	.23	386	.16	.07	.18	350	900
2340	.06	.63	.08	0	.05	.03	.56	50	933
2370	.16	.66	.67	326	.44	.23	.97	143	606
2400	.14	.81	1.11	362	.90	.21	.46	150	328
2430	.04	.53	.15	375	.08	.07	.15	175	375
2460	.02	.58	.26	346	.15	.11	.27	550	1350
2490	.10	.59	.29	325	.17	.12	.42	120	420
2520	.31	.85	1.95	422	1.66	.29	.21	93	67
2550	.29	.64	.70	428	.45	.25	.31	86	106
2580	.08	.67	.61	423	.41	.20	.28	250	350
2610	.02	.73	.15	387	.11	.04	.67	200	3350
2640	.09	.74	.84	374	.62	.22	.50	244	555
2670	.04	.65	.31	392	.20	.11	.26	275	650
2700	.09	.65	.20	341	.13	.07	1.02	77	1133
2730	.39	.76	2.57	394	1.96	.61	1.34	156	343
2760	.04	.54	.13	391	.07	.06	.66	150	1650
2790	.01	.67	.09	360	.06	.03	.89	300	8900
2820	.01	.71	.14	328	.10	.04	.63	400	6300
2850	.01	.50	.06	365	.03	.03	.13	300	1300
2880	.73	.67	6.02	336	4.03	1.99	.59	272	80
2910	.29	.47	2.18	413	1.02	1.16	.52	400	179
2940	.01	.07	.15	507	.01	.14	.01	1400	100
2970	.01	.13	.08	441	.01	.07	.01	700	100
3000	.02	.73	.26	432	.19	.07	.08	350	400
3030	.01	.50	.08	407	.04	.04	.02	400	200
3060	.01	.00	.02	350	.00	.02	.01	200	100
3090	.01	.40	.10	364	.04	.06	.01	600	100
3120	.01	.43	.07	344	.03	.04	.01	400	100
3150	.01	.50	.04	0	.02	.02	.01	200	100
3180	.01	1.00	.03	0	.03	.00	.01	0	100
3210	.01	.50	.04	0	.02	.02	.01	200	100
3240	.01	.00	.01	396	.00	.01	.01	100	100
3270	.01	.00	.02	0	.00	.02	.01	200	100
3300	.01	.33	.03	391	.01	.02	.01	200	100
3330	.01	.00	.02	376	.00	.02	.08	200	800
3360	.01	.50	.02	315	.01	.01	.01	100	100
3390	.01	.00	.03	357	.00	.03	.01	300	100
3420	.01	.40	.05	421	.02	.03	.10	300	1000

Calstan Fording Mountain d-61-L/82-G-15						0 16550 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
3450	.01	.75	.08	336	.06	.02	.19	200	1900
3480	.01	.67	.03	314	.02	.01	.23	100	2300
3510	.01	.86	.07	0	.06	.01	.03	100	300
3540	.01	.50	.06	304	.03	.03	.09	300	900
3570	.01	.67	.03	0	.02	.01	.13	100	1300
3600	.01	.45	.11	336	.05	.06	.08	600	800
3630	.01	.83	.06	327	.05	.01	.13	100	1300
3660	.01	.67	.09	0	.06	.03	.14	300	1400
3690	.01	.67	.03	0	.02	.01	.01	100	100
3720	.01	.67	.03	345	.02	.01	.02	100	200
3750	.01	.75	.04	0	.03	.01	.01	100	100
3780	.01	.00	.01	0	.00	.01	.01	100	100
3810	.01	.00	.01	0	.00	.01	.02	100	200
3840	.01	.00	.01	389	.00	.01	.02	100	200
3870	.01	.00	.01	0	.00	.01	.04	100	400
3900	.01	.00	.01	0	.00	.01	.02	100	200
3930	.01	.25	.04	319	.01	.03	.09	300	900
3960	.01	.40	.05	328	.02	.03	.03	300	300
3990	.01	.00	.01	0	.00	.01	.03	100	300
4020	.01	.50	.04	0	.02	.02	.06	200	600
4050	.01	.50	.04	0	.02	.02	.01	200	100
4080	.01	.67	.03	0	.02	.01	.01	100	100
4110	.01	.00	.01	0	.00	.01	.01	100	100
4140	.01	.00	.01	0	.00	.01	.02	100	200
4170	.01	1.00	.01	0	.01	.00	.01	0	100
4200	.01	1.00	.01	0	.01	.00	.01	0	100
4230	.01	.00	.01	0	.00	.01	.01	100	100
4260	.01	1.00	.01	0	.01	.00	.03	0	300
4290	.01	.00	.01	0	.00	.01	.01	100	100
4320	.01	1.00	.02	0	.02	.00	.01	0	100
4350	.01	1.00	.02	0	.02	.00	.01	0	100
4380	.01	.00	.01	0	.00	.01	.01	100	100
4410	.01	.63	.08	323	.05	.03	.02	300	200
4440	.01	.88	.16	0	.14	.02	.02	200	200
4470	.01	.86	.07	331	.06	.01	.01	100	100
4500	.01	.67	.03	0	.02	.01	.02	100	200
4530	.01	.40	.05	306	.02	.03	.04	300	400
4560	.01	.67	.06	0	.04	.02	.05	200	500
4590	.01	.90	.10	0	.09	.01	.18	100	1800
4620	.01	.00	.01	328	.00	.01	.01	100	100
4650	.01	.00	.01	0	.00	.01	.05	100	500
4680	.01	.00	.01	408	.00	.01	.02	100	200
4710	.01	.00	.01	0	.00	.01	.01	100	100
4740	.01	.67	.03	0	.02	.01	.01	100	100
4770	.01	.00	.01	0	.00	.01	.01	100	100
4800	.01	.80	.05	0	.04	.01	.02	100	200
4830	.01	.50	.04	340	.02	.02	.01	200	100
4860	.01	1.00	.02	0	.02	.00	.03	0	300
4890	.01	.38	.08	423	.03	.05	.01	500	100

Calstan Fording Mountain d-61-L/82-G-15						0 16550 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
4920	.01	.00	.01	0	.00	.01	.01	100	100
4950	.01	.50	.06	0	.03	.03	.02	300	200
4980	.01	.75	.04	0	.03	.01	.02	100	200
5010	.01	1.00	.01	0	.01	.00	.03	0	300
5040	.01	1.00	.01	0	.01	.00	.01	0	100
5070	.01	.56	.09	364	.05	.04	.09	400	900
5100	.01	1.00	.01	0	.01	.00	.05	0	500
5130	.01	.60	.05	372	.03	.02	.06	200	600
5160	.01	1.00	.02	0	.02	.00	.02	0	200
5190	.04	.69	.16	344	.11	.05	.09	125	225
5220	.06	.57	.07	0	.04	.03	.05	50	83
5250	.12	.75	.04	0	.03	.01	.05	8	41
5280	.09	.67	.06	0	.04	.02	.13	22	144
5310	.23	.80	.05	0	.04	.01	.06	4	26
5340	.16	.73	.15	0	.11	.04	.08	25	50
5370	.23	.67	.03	0	.02	.01	.03	4	13
5400	.14	.33	.03	414	.01	.02	.14	14	100
5430	.11	.00	.06	349	.00	.06	.09	54	81
5460	.28	.61	.18	309	.11	.07	.14	25	50
5490	.27	.60	.25	311	.15	.10	.11	37	40
5520	.08	.50	.08	0	.04	.04	.06	50	75
5550	.26	.62	.21	0	.13	.08	.06	30	23
5580	.30	.60	.20	0	.12	.08	.04	26	13
5610	.70	.51	.35	403	.18	.17	.07	24	10
5640	.58	.62	.34	310	.21	.13	.10	22	17
5670	.70	.62	.50	352	.31	.19	.15	27	21
5700	.56	.57	.28	342	.16	.12	.09	21	16
5730	.40	.48	.40	379	.19	.21	.30	52	75
5760	.42	.63	.19	337	.12	.07	.16	16	38
5790	.23	.60	.10	0	.06	.04	.29	17	126
5820	.29	.55	.11	442	.06	.05	.12	17	41
5850	.45	.64	.11	349	.07	.04	.11	8	24
5880	1.37	.61	.33	349	.20	.13	.12	9	8
5910	.41	.50	.16	371	.08	.08	.10	19	24
5940	.15	.50	.16	402	.08	.08	.11	53	73
5970	.06	.50	.10	314	.05	.05	.06	83	100
6000	.14	.67	.21	318	.14	.07	.17	50	121
6030	.27	.62	.21	0	.13	.08	.12	29	44
6060	.38	.50	.32	374	.16	.16	.08	42	21
6090	.77	.51	.41	347	.21	.20	.21	25	27
6120	1.05	.50	.30	341	.15	.15	.11	14	10
6150	1.50	.56	.54	348	.30	.24	.14	16	9
6180	.32	.48	.23	347	.11	.12	.04	37	12
6210	.44	.33	.27	375	.09	.18	.17	40	38
6240	.40	.33	.15	399	.05	.10	.12	25	30
6270	.20	.50	.06	326	.03	.03	.06	15	30
6300	.34	.47	.15	339	.07	.08	.14	23	41
6330	.28	.45	.11	334	.05	.06	.05	21	17
6360	.20	.33	.12	343	.04	.08	.03	40	15

Calstan Fording Mountain d-61-L/82-G-15						0 16550 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
6390	.16	.35	.17	439	.06	.11	.05	68	31
6420	.13	.48	.23	378	.11	.12	.12	92	92
6450	.02	.50	.06	378	.03	.03	.01	150	50
6480	.06	.57	.07	444	.04	.03	.15	50	250
6510	.08	.50	.06	414	.03	.03	.10	37	125
6540	.02	.58	.12	321	.07	.05	.05	250	250
6570	.01	.50	.04	317	.02	.02	.04	200	400
6600	.01	.50	.04	0	.02	.02	.01	200	100
6630	.01	.25	.04	324	.01	.03	.03	300	300
6660	.01	.71	.07	0	.05	.02	.11	200	1100
6690	.01	.50	.06	323	.03	.03	.01	300	100
6730	.07	.45	.11	318	.05	.06	.06	85	85
6750	.03	.75	.08	0	.06	.02	.09	66	300
6780	.03	.50	.10	328	.05	.05	.06	166	200
6810	.07	.64	.11	310	.07	.04	.13	57	185
6840	.01	.67	.06	0	.04	.02	.04	200	400
6870	.06	.67	.09	0	.06	.03	.05	50	83
6900	.04	.46	.13	0	.06	.07	.06	175	150
6930	.01	.71	.07	443	.05	.02	.10	200	1000
6960	.01	.63	.08	375	.05	.03	.12	300	1200
6990	.01	.75	.04	324	.03	.01	.04	100	400
7020	.01	.57	.14	392	.08	.06	.11	600	1100
7050	.01	.63	.08	335	.05	.03	.07	300	700
7080	.10	.52	.23	342	.12	.11	.05	110	50
7110	.03	.62	.13	323	.08	.05	.10	166	333
7140	.06	.60	.20	337	.12	.08	.04	133	66
7170	.04	.38	.13	349	.05	.08	.08	200	200
7200	.01	.50	.10	440	.05	.05	.06	500	600
7230	.16	.52	.33	367	.17	.16	.12	100	75
7260	.04	.67	.09	309	.06	.03	.02	75	50
7290	.01	.50	.04	0	.02	.02	.01	200	100
7320	.01	.67	.03	0	.02	.01	.01	100	100
7350	.01	.00	.01	0	.00	.01	.01	100	100
7380	.01	.67	.03	382	.02	.01	.02	100	200
7410	.01	.33	.03	0	.01	.02	.02	200	200
7440	.01	.33	.03	0	.01	.02	.04	200	400
7470	.01	.57	.07	314	.04	.03	.03	300	300
7500	.01	.00	.02	338	.00	.02	.01	200	100
7530	.01	.00	.01	0	.00	.01	.01	100	100
7560	.01	.00	.01	0	.00	.01	.01	100	100
7590	.01	.00	.04	564	.00	.04	.01	400	100
7620	.01	.00	.07	568	.00	.07	.01	700	100
7650	.01	.25	.04	475	.01	.03	.01	300	100
7680	.01	.25	.04	402	.01	.03	.01	300	100
7710	.01	.00	.01	386	.00	.01	.01	100	100
7740	.01	.00	.01	0	.00	.01	.01	100	100
7770	.01	.25	.04	316	.01	.03	.01	300	100
7800	.01	.00	.02	366	.00	.02	.01	200	100
7830	.01	.00	.01	0	.00	.01	.03	100	300

Calstan Fording Mountain d-61-L/82-G-15						0 16550 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
7860	.01	.33	.03	383	.01	.02	.03	200	300
7890	.01	.75	.04	0	.03	.01	.01	100	100
7920	.01	.00	.01	0	.00	.01	.01	100	100
7950	.01	.00	.01	0	.00	.01	.01	100	100
7980	.01	1.00	.01	0	.01	.00	.01	0	100
8010	.01	1.00	.01	0	.01	.00	.01	0	100
8040	.01	1.00	.02	0	.02	.00	.01	0	100
8070	.01	1.00	.01	0	.01	.00	.01	0	100
8100	.01	.00	.01	0	.00	.01	.01	100	100
8130	.01	.00	.01	0	.00	.01	.01	100	100
8160	.01	1.00	.01	0	.01	.00	.01	0	100
8190	.02	.80	.05	0	.04	.01	.01	50	50
8220	.01	.00	.01	0	.00	.01	.01	100	100
8250	.01	.00	.01	0	.00	.01	.01	100	100
8280	.01	.00	.01	0	.00	.01	.01	100	100
8310	.01	.00	.01	0	.00	.01	.01	100	100
8340	.01	.00	.01	0	.00	.01	.01	100	100
8370	.01	.00	.01	0	.00	.01	.01	100	100
8400	.02	.67	.09	326	.06	.03	.01	150	50
8430	.01	.67	.03	0	.02	.01	.01	100	100
8460	.01	.75	.04	364	.03	.01	.01	100	100
8490	.01	1.00	.01	0	.01	.00	.01	0	100
8520	.01	1.00	.03	0	.03	.00	.01	0	100
8550	.01	1.00	.03	0	.03	.00	.01	0	100
8580	.01	.00	.01	0	.00	.01	.01	100	100
8610	.01	1.00	.01	0	.01	.00	.01	0	100
8640	.01	.00	.01	0	.00	.01	.01	100	100
8670	.01	.70	.10	402	.07	.03	.13	300	1300
8700	.01	1.00	.01	0	.01	.00	.01	0	100
8730	.01	.67	.03	0	.02	.01	.04	100	400
8760	.01	1.00	.02	0	.02	.00	.03	0	300
8790	.05	1.00	.02	0	.02	.00	.03	0	60
8820	.02	1.00	.03	0	.03	.00	.07	0	350
8850	.01	.50	.02	350	.01	.01	.02	100	200
8880	.04	1.00	.04	0	.04	.00	.07	0	175
8910	.50	1.00	.05	0	.05	.00	.05	0	10
8940	.03	1.00	.02	0	.02	.00	.04	0	133
8970	.15	1.00	.02	0	.02	.00	.04	0	26
9000	.01	1.00	.01	0	.01	.00	.05	0	500
9030	.03	1.00	.03	0	.03	.00	.05	0	166
9060	.19	1.00	.03	0	.03	.00	.05	0	26
9090	.09	1.00	.04	0	.04	.00	.04	0	44
9110	.01	1.00	.01	0	.01	.00	.05	0	500
9150	.11	1.00	.02	0	.02	.00	.07	0	63
9170	.01	.00	.01	0	.00	.01	.01	100	100
9200	.01	1.00	.02	0	.02	.00	.03	0	300
9230	.01	.00	.01	0	.00	.01	.01	100	100
9260	.01	1.00	.04	0	.04	.00	.01	0	100
9290	.06	1.00	.01	0	.01	.00	.01	0	16

Calstan Fording Mountain d-61-L/82-G-15						0 16550 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
9320	.02	.00	.01	0	.00	.01	.01	50	50
9350	.05	.50	.04	0	.02	.02	.04	40	80
9380	.01	.00	.01	0	.00	.01	.01	100	100
9410	.01	1.00	.03	0	.03	.00	.02	0	200
9440	.03	1.00	.01	0	.01	.00	.02	0	66
9470	.02	1.00	.02	0	.02	.00	.06	0	300
9500	.02	1.00	.01	0	.01	.00	.03	0	150
9530	.01	1.00	.01	0	.01	.00	.01	0	100
9560	.01	1.00	.01	0	.01	.00	.02	0	200
9590	.05	1.00	.02	0	.02	.00	.02	0	40
9620	.01	1.00	.01	0	.01	.00	.01	0	100
9650	.01	1.00	.02	0	.02	.00	.01	0	100
9680	.01	1.00	.02	0	.02	.00	.01	0	100
9710	.01	1.00	.01	0	.01	.00	.01	0	100
9740	.01	1.00	.01	0	.01	.00	.01	0	100
9770	.01	.67	.03	0	.02	.01	.01	100	100
9800	.01	1.00	.06	0	.06	.00	.01	0	100
9830	.05	1.00	.02	0	.02	.00	.01	0	20
9860	.01	1.00	.07	0	.07	.00	.01	0	100
9890	.01	1.00	.02	0	.02	.00	.01	0	100
9920	.06	1.00	.02	0	.02	.00	.07	0	116
9950	.04	1.00	.01	0	.01	.00	.02	0	50
9980	.14	1.00	.03	0	.03	.00	.08	0	57
10010	.01	.75	.04	0	.03	.01	.04	100	400
10040	.01	1.00	.03	0	.03	.00	.04	0	400
10070	.02	1.00	.02	0	.02	.00	.05	0	250
10100	.01	1.00	.01	0	.01	.00	.04	0	400
10130	.01	1.00	.01	0	.01	.00	.01	0	100
10160	.01	1.00	.02	0	.02	.00	.02	0	200
10190	.01	1.00	.02	0	.02	.00	.01	0	100
10220	.01	.75	.04	0	.03	.01	.05	100	500
10250	.01	.63	.16	356	.10	.06	.15	600	1500
10310	.01	.00	.01	0	.00	.01	.01	100	100
10340	.01	1.00	.02	0	.02	.00	.05	0	500
10370	.01	1.00	.01	0	.01	.00	.01	0	100
10400	.01	1.00	.02	0	.02	.00	.01	0	100
10460	.01	1.00	.03	0	.03	.00	.07	0	700
10490	.01	.67	.15	384	.10	.05	.14	500	1400
10520	.01	.75	.04	0	.03	.01	.11	100	1100
10550	.02	.65	.17	336	.11	.06	.16	300	800
10580	.01	1.00	.02	0	.02	.00	.04	0	400
10610	.01	1.00	.02	0	.02	.00	.05	0	500
10640	.01	.00	.01	0	.00	.01	.01	100	100
10670	.01	.75	.04	0	.03	.01	.08	100	800
10700	.01	1.00	.01	0	.01	.00	.03	0	300
10730	.01	1.00	.07	0	.07	.00	.13	0	1300
10760	.01	.00	.01	0	.00	.01	.01	100	100
10790	.01	.00	.01	0	.00	.01	.01	100	100
10820	.01	1.00	.02	0	.02	.00	.02	0	200

Calstan Fording Mountain d-61-L/82-G-15						0 16550 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
10850	.01	1.00	.04	0	.04	.00	.03	0	300
10880	.01	1.00	.04	0	.04	.00	.08	0	800
10910	.01	1.00	.01	0	.01	.00	.02	0	200
10940	.01	1.00	.04	0	.04	.00	.07	0	700
10970	.01	1.00	.01	0	.01	.00	.01	0	100
11000	.01	1.00	.01	0	.01	.00	.01	0	100
11030	.01	1.00	.01	0	.01	.00	.02	0	200
11060	.01	.60	.05	0	.03	.02	.08	200	800
11090	.01	.00	.01	0	.00	.01	.02	100	200
11120	.01	.71	.07	300	.05	.02	.13	200	1300
11150	.01	.57	.07	0	.04	.03	.07	300	700
11180	.01	.80	.05	0	.04	.01	.06	100	600
11210	.01	.67	.06	0	.04	.02	.07	200	700
11240	.01	.75	.04	443	.03	.01	.12	100	1200
11270	.01	1.00	.02	0	.02	.00	.11	0	1100
11300	.01	.60	.05	0	.03	.02	.11	200	1100
11330	.01	.25	.04	336	.01	.03	.06	300	600
11360	.01	.50	.04	0	.02	.02	.06	200	600
11390	.01	.67	.03	313	.02	.01	.03	100	300
11420	.01	.75	.04	0	.03	.01	.01	100	100
11450	.01	.50	.06	325	.03	.03	.03	300	300
11480	.11	.50	.08	416	.04	.04	.05	36	45
11510	.01	.69	.13	0	.09	.04	.06	400	600
11540	.03	.74	.23	313	.17	.06	.04	200	133
11570	.01	1.00	.01	0	.01	.00	.01	0	100
11600	.14	.75	.20	0	.15	.05	.07	35	50
11630	.24	.79	.19	0	.15	.04	.04	16	16
11660	.01	.56	.09	444	.05	.04	.14	400	1400
11690	.05	.67	.06	363	.04	.02	.06	40	120
11720	.01	1.00	.01	0	.01	.00	.04	0	400
11750	.03	.75	.08	0	.06	.02	.09	66	300
11780	.24	.75	.08	439	.06	.02	.06	8	25
11810	.37	.69	.16	417	.11	.05	.06	13	16
11840	.11	.62	.13	0	.08	.05	.06	45	54
11870	.01	.67	.09	0	.06	.03	.05	300	500
11900	.08	.83	.12	0	.10	.02	.02	25	25
11930	.17	.62	.21	417	.13	.08	.14	47	82
11960	.07	.53	.17	319	.09	.08	.13	114	185
11990	.02	.78	.09	0	.07	.02	.10	100	500
12020	.06	.70	.10	369	.07	.03	.09	50	150
12050	.01	.64	.11	324	.07	.04	.06	400	600
12080	.01	.80	.05	0	.04	.01	.05	100	500
12110	.01	.60	.05	342	.03	.02	.06	200	600
12140	.01	.67	.12	323	.08	.04	.13	400	1300
12170	.05	.29	.24	352	.07	.17	.59	340	1179
12200	.01	.79	.14	404	.11	.03	.13	300	1300
12230	.01	.67	.03	381	.02	.01	.04	100	400
12260	.01	.50	.06	326	.03	.03	.03	300	300
12290	.01	1.00	.01	0	.01	.00	.01	0	100

Calstan Fording Mountain d-61-L/82-G-15						0 16550 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
12320	.01	.50	.10	350	.05	.05	.06	500	600
12350	.01	1.00	.07	0	.07	.00	.08	0	800
12380	.01	.67	.03	367	.02	.01	.04	100	400
12410	.01	1.00	.01	0	.01	.00	.04	0	400
12440	.01	.50	.02	0	.01	.01	.02	100	200
12470	.01	.80	.05	0	.04	.01	.07	100	700
12500	.01	1.00	.01	0	.01	.00	.01	0	100
12530	.01	.67	.03	341	.02	.01	.03	100	300
12560	.01	.57	.07	0	.04	.03	.04	300	400
12590	.01	.63	.08	0	.05	.03	.07	300	700
12620	.01	.57	.07	313	.04	.03	.04	300	400
12650	.01	.50	.06	0	.03	.03	.03	300	300
12680	.01	.60	.05	321	.03	.02	.01	200	100
12710	.01	.71	.07	0	.05	.02	.08	200	800
12740	.01	1.00	.04	0	.04	.00	.04	0	400
12770	.01	1.00	.02	0	.02	.00	.06	0	600
12800	.01	.75	.04	388	.03	.01	.07	100	700
12830	.01	.71	.07	0	.05	.02	.07	200	700
12860	.01	1.00	.03	0	.03	.00	.08	0	800
12890	.01	1.00	.02	0	.02	.00	.03	0	300
12920	.01	1.00	.01	0	.01	.00	.03	0	300
12950	.01	.70	.10	0	.07	.03	.11	300	1100
12980	.01	1.00	.01	0	.01	.00	.10	0	1000
13010	.01	1.00	.02	0	.02	.00	.05	0	500
13040	.01	.67	.03	0	.02	.01	.10	100	1000
13070	.19	.89	.09	317	.08	.01	.13	5	68
13100	.01	.50	.02	0	.01	.01	.06	100	600
13130	.01	.67	.03	0	.02	.01	.06	100	600
13160	.01	.67	.03	0	.02	.01	.08	100	800
13190	.12	.50	.06	0	.03	.03	.12	25	100
13220	.01	.60	.05	443	.03	.02	.15	200	1500
13250	.09	1.00	.01	0	.01	.00	.10	0	111
13280	.06	1.00	.04	0	.04	.00	.09	0	150
13310	.16	1.00	.08	0	.08	.00	.14	0	87
13340	.59	.91	.11	0	.10	.01	.15	1	25
13370	.10	.80	.20	320	.16	.04	.18	40	180
13400	.33	.54	.13	536	.07	.06	.12	18	36
13430	.04	.63	.08	326	.05	.03	.05	75	125
13460	.36	.67	.15	348	.10	.05	.09	13	24
13490	.29	.74	1.45	319	1.07	.38	.19	131	65
13520	.11	.67	.15	387	.10	.05	.21	45	190
13550	.04	.70	.10	318	.07	.03	.13	75	325
13580	.30	.63	.16	336	.10	.06	.14	20	46
13610	.01	.75	.04	0	.03	.01	.09	100	900
13640	.02	.71	.07	444	.05	.02	.10	100	500
13670	.01	.75	.04	348	.03	.01	.07	100	700
13700	.05	.33	.06	401	.02	.04	.01	80	20
13730	.09	.50	.04	319	.02	.02	.01	22	11
13760	.01	.75	.04	337	.03	.01	.03	100	300

Calstan Fording Mountain d-61-L/82-G-15 0 16550 ft									
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
13790	.81	.57	.21	405	.12	.09	.14	11	17
13820	.01	.75	.04	0	.03	.01	.02	100	200
13850	.01	.75	.04	0	.03	.01	.02	100	200
13880	.01	.00	.01	0	.00	.01	.01	100	100
13910	.01	.50	.02	0	.01	.01	.01	100	100
13940	.01	1.00	.01	0	.01	.00	.03	0	300
13970	.01	1.00	.01	0	.01	.00	.01	0	100
14000	.01	1.00	.01	0	.01	.00	.01	0	100
14030	.01	.75	.04	443	.03	.01	.08	100	800
14060	.01	1.00	.01	0	.01	.00	.01	0	100
14090	.01	1.00	.03	0	.03	.00	.01	0	100
14120	.01	.75	.04	0	.03	.01	.06	100	600
14150	.01	1.00	.02	0	.02	.00	.01	0	100
14180	.01	.67	.03	0	.02	.01	.01	100	100
14210	.01	1.00	.01	0	.01	.00	.01	0	100
14240	.01	.50	.04	0	.02	.02	.01	200	100
14270	.01	.67	.03	0	.02	.01	.01	100	100
14300	.01	.67	.03	323	.02	.01	.01	100	100
14330	.01	.67	.03	0	.02	.01	.01	100	100
14360	.01	.60	.05	0	.03	.02	.02	200	200
14390	.01	.75	.04	0	.03	.01	.06	100	600
14420	.01	.80	.05	0	.04	.01	.01	100	100
14450	.01	.60	.05	0	.03	.02	.02	200	200
14480	.01	1.00	.01	0	.01	.00	.05	0	500
14510	.01	1.00	.01	0	.01	.00	.01	0	100
14540	.01	.50	.02	0	.01	.01	.01	100	100
14570	.01	.67	.03	0	.02	.01	.01	100	100
14600	.01	.67	.03	0	.02	.01	.03	100	300
14630	.01	.50	.02	0	.01	.01	.01	100	100
14660	.01	.33	.03	0	.01	.02	.01	200	100
14690	.01	.50	.04	0	.02	.02	.01	200	100
14720	.01	.00	.01	0	.00	.01	.01	100	100
14750	.01	.50	.04	0	.02	.02	.02	200	200
14780	.01	.50	.06	0	.03	.03	.01	300	100
14810	.01	.50	.02	0	.01	.01	.01	100	100
14840	.01	.67	.03	0	.02	.01	.03	100	300
14870	.01	.50	.02	0	.01	.01	.01	100	100
14900	.01	1.00	.02	0	.02	.00	.08	0	800
14930	.01	.75	.04	404	.03	.01	.03	100	300
14960	.01	.50	.02	0	.01	.01	.03	100	300
14990	.01	.50	.02	0	.01	.01	.02	100	200
15020	.01	.50	.04	0	.02	.02	.03	200	300
15050	.01	.67	.06	0	.04	.02	.02	200	200
15080	.01	.80	.10	0	.08	.02	.02	200	200
15110	.01	.50	.02	0	.01	.01	.01	100	100
15140	.01	.50	.06	0	.03	.03	.03	300	300
15170	.01	.50	.08	0	.04	.04	.04	400	400
15200	.01	1.00	.01	0	.01	.00	.01	0	100
15230	.02	.47	.30	418	.14	.16	.07	800	350

Calstan Fording Mountain d-61-L/82-G-15						0 16550 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
15260	.01	.00	.01	0	.00	.01	.04	100	400
15290	.01	.00	.01	415	.00	.01	.03	100	300
15320	.01	1.00	.01	0	.01	.00	.01	0	100
15350	.01	.50	.02	324	.01	.01	.02	100	200
15380	.01	.38	.08	332	.03	.05	.08	500	800
15410	.01	.00	.01	0	.00	.01	.01	100	100
15440	.01	.50	.04	0	.02	.02	.04	200	400
15470	.01	1.00	.01	0	.01	.00	.05	0	500
15500	.01	.50	.02	0	.01	.01	.02	100	200
15530	.01	.65	.20	394	.13	.07	.10	700	1000
15560	.01	.33	.03	0	.01	.02	.01	200	100
15590	.01	.67	.03	324	.02	.01	.01	100	100
15620	.01	.50	.04	0	.02	.02	.01	200	100
15650	.01	.67	.03	444	.02	.01	.05	100	500
15680	.01	.71	.07	354	.05	.02	.07	200	700
15710	.01	.80	.05	0	.04	.01	.07	100	700
15740	.01	.45	.11	0	.05	.06	.12	600	1200
15770	.01	1.00	.09	0	.09	.00	.08	0	800
15800	.01	.75	.04	0	.03	.01	.04	100	400
15830	.01	.80	.05	0	.04	.01	.03	100	300
15860	.01	.67	.03	0	.02	.01	.05	100	500
15890	.01	.63	.08	0	.05	.03	.04	300	400
15920	.01	.50	.08	362	.04	.04	.07	400	700
15950	.01	.60	.05	309	.03	.02	.16	200	1600
15980	.01	1.00	.01	0	.01	.00	.01	0	100
16010	.01	1.00	.03	0	.03	.00	.07	0	700
16040	.03	.38	.08	326	.03	.05	.09	166	300
16070	.01	.60	.05	314	.03	.02	.17	200	1700
16130	.01	.00	.01	0	.00	.01	.06	100	600
16160	.01	.67	.03	401	.02	.01	.07	100	700
16190	.01	.33	.03	0	.01	.02	.03	200	300
16220	.01	.50	.04	0	.02	.02	.03	200	300
16250	.01	.75	.04	0	.03	.01	.06	100	600
16280	.01	.71	.07	0	.05	.02	.04	200	400
16310	.01	.83	.06	0	.05	.01	.02	100	200
16340	.01	1.00	.01	0	.01	.00	.01	0	100
16370	.01	.50	.04	350	.02	.02	.04	200	400
16400	.01	.57	.07	315	.04	.03	.09	300	900
16430	.01	.50	.06	322	.03	.03	.14	300	1400
16460	.01	1.00	.02	0	.02	.00	.01	0	100
16490	.01	.50	.04	322	.02	.02	.01	200	100
16520	.01	.50	.04	0	.02	.02	.05	200	500
16550	.01	.58	.24	402	.14	.10	.19	1000	1900
Mount Head			1370F						
Livingstone			2937						
Banff			4809						
Palliser			6180						
Alexis			7449						
Southesk			7476						

Calstan Fording Mountain d-61-L/82-G-15						0 16550 ft			
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
Cairn				7970					
Fault/Ether				10250					
Mount Head				10511					
Fault/Ether				10778					
Mount Head				11214					
Livingstone				12127					
Ether				12532					
Mount Head				12934					
Livingstone				13848					
Fault/Mount Head				14083					
Livingstone				14346					
Fault/Mount Head				14675					
Livingstone				14875					
Fault/Mount Head				15102					
Livingstone				15206					
Fault/Mount Head				15336					
Livingstone				15417					

Shell Forsyth D-25-A/82-J-6

DEPTH	TOC	PI	S1+S2	TMAX	S1	400 S2	4110m S3	HI	OI
400M	.01	.33	.06	421	.02	.04	.01	400	100
410	.02	.40	.05	440	.02	.03	.05	150	250
420	.02	.44	.09	369	.04	.05	.03	250	150
430	.06	.48	.21	340	.10	.11	.31	183	516
440	.08	.21	.24	534	.05	.19	.21	237	262
450	.02	.50	.06	496	.03	.03	.06	150	300
460	.01	.50	.08	322	.04	.04	.02	400	200
470	.01	.50	.08	321	.04	.04	.08	400	800
480	.03	.45	.11	309	.05	.06	.01	200	33
490	.02	.50	.08	0	.04	.04	.02	200	100
500	.05	.47	.19	391	.09	.10	.03	200	60
510	.01	1.00	.01	0	.01	.00	.01	0	100
520	.06	.56	.09	309	.05	.04	.01	66	16
530	.03	.50	.10	440	.05	.05	.07	166	233
540	.02	.50	.10	0	.05	.05	.03	250	150
550	.10	.55	.11	320	.06	.05	.02	50	20
560	.15	.52	.25	336	.13	.12	.04	80	26
570	.35	.50	.40	361	.20	.20	.03	57	8
580	.09	.50	.14	431	.07	.07	.04	77	44
590	.14	.59	.17	0	.10	.07	.09	50	64
600	.15	.60	.20	360	.12	.08	.02	53	13
610	.52	.55	.29	356	.16	.13	.05	25	9
625	.12	.50	.16	377	.08	.08	.01	66	8
630	.22	.58	.53	358	.31	.22	.03	100	13
640	.28	.58	.43	357	.25	.18	.04	64	14
650	.08	.46	.26	363	.12	.14	.05	175	62
665	.22	.59	.17	376	.10	.07	.02	31	9
670	.40	.22	.79	354	.17	.62	.73	155	182
680	.34	.40	.30	360	.12	.18	.46	52	135
690	.36	.57	.23	356	.13	.10	.11	27	30
700	.22	.58	.19	319	.11	.08	.05	36	22
710	.01	.50	.04	441	.02	.02	.07	200	700
720	.35	.67	.09	337	.06	.03	.04	8	11
730	.01	.80	.05	312	.04	.01	.08	100	800
745	.05	.62	.13	324	.08	.05	.04	100	80
750	.03	.60	.10	311	.06	.04	.04	133	133
760	.01	.67	.03	0	.02	.01	.01	100	100
770	.09	.67	.09	318	.06	.03	.04	33	44
780	.01	.50	.04	0	.02	.02	.03	200	300
790	.02	.50	.10	345	.05	.05	.06	250	300
800	.09	.43	.14	397	.06	.08	.01	88	11
810	.01	.56	.09	315	.05	.04	.02	400	200
820	.11	.67	.12	315	.08	.04	.02	36	18
830	.09	.41	.17	381	.07	.10	.08	111	88
840	.01	.55	.11	0	.06	.05	.03	500	300
850	.06	.50	.12	444	.06	.06	.04	100	66
860	.01	.45	.11	335	.05	.06	.01	600	100
870	.01	.50	.12	320	.06	.06	.01	600	100
880	.02	.48	.21	347	.10	.11	.05	550	250

Shell Forsyth D-25-A/82-J-6

DEPTH					400 4110m			HI	OI
	TOC	PI	S1+S2	TMAX	S1	S2	S3		
890	.11	.40	.15	355	.06	.09	.04	81	36
900	.01	.50	.04	322	.02	.02	.01	200	100
910	.01	.33	.12	373	.04	.08	.16	800	1600
920	.01	.36	.11	319	.04	.07	.01	700	100
930	.06	.27	.15	455	.04	.11	.28	183	466
940	.01	.67	.06	328	.04	.02	.19	200	1900
955	.28	.50	.20	360	.10	.10	.18	35	64
965	.10	.44	.18	408	.08	.10	.16	100	160
970	.16	.47	.15	378	.07	.08	.13	50	81
980	.05	.57	.07	440	.04	.03	.10	60	200
990	.08	.40	.10	449	.04	.06	.11	75	137
1000	.01	.54	.13	314	.07	.06	.13	600	1300
1010	.03	.58	.12	309	.07	.05	.13	166	433
1020	.08	.55	.11	0	.06	.05	.14	62	175
1030	.06	.57	.14	313	.08	.06	.10	100	166
1040	.03	.45	.11	360	.05	.06	.07	200	233
1050	.11	.42	.24	398	.10	.14	.07	127	63
1060	.20	.62	.13	410	.08	.05	.16	25	80
1070	.35	.64	.14	336	.09	.05	.10	14	28
1080	.13	.57	.14	330	.08	.06	.10	46	76
1090	.14	.75	.08	0	.06	.02	.06	14	42
1100	.04	.24	.21	446	.05	.16	.10	400	250
1110	.02	.17	.29	457	.05	.24	.14	1200	700
1120	.12	.45	.85	348	.38	.47	.25	391	208
1130	.08	.19	.37	432	.07	.30	.20	375	250
1140	.14	.35	.17	495	.06	.11	.10	78	71
1150	.11	.70	.10	447	.07	.03	.11	27	100
1160	.05	.56	.09	367	.05	.04	.08	80	160
1170	.01	.00	.01	0	.00	.01	.01	100	100
1180	.05	.56	.09	0	.05	.04	.10	80	200
1190	.13	.57	.14	328	.08	.06	.10	46	76
1200	.10	.54	.13	309	.07	.06	.15	60	150
1210	.12	.56	.18	330	.10	.08	.04	66	33
1220	.01	1.00	.03	0	.03	.00	.02	0	200
1235	.04	.75	.08	0	.06	.02	.04	50	100
1240	.04	.55	.11	0	.06	.05	.06	125	150
1250	.04	.58	.12	306	.07	.05	.03	125	75
1260	.17	.58	.12	0	.07	.05	.06	29	35
1270	.18	.62	.13	0	.08	.05	.09	27	49
1280	.01	.40	.05	336	.02	.03	.05	300	500
1290	.01	.75	.04	445	.03	.01	.12	100	1200
1300	.01	.60	.05	386	.03	.02	.09	200	900
1310	.01	.43	.07	328	.03	.04	.10	400	1000
1320	.01	.60	.05	0	.03	.02	.05	200	500
1330	.01	.40	.05	361	.02	.03	.04	300	400
1340	.01	.43	.07	379	.03	.04	.07	400	700
1350	.01	.40	.05	344	.02	.03	.03	300	300
1360	.01	.25	.04	441	.01	.03	.06	300	600
1370	.02	.57	.07	324	.04	.03	.03	150	150

Shell Forsyth D-25-A/82-J-6

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
1380	.13	.57	.14	334	.08	.06	.08	46	61
1390	.19	.63	.16	316	.10	.06	.08	31	42
1400	.09	.62	.13	338	.08	.05	.09	55	99
1410	.02	.67	.06	329	.04	.02	.05	100	250
1420	.05	.60	.10	0	.06	.04	.04	80	80
1430	.03	.56	.09	445	.05	.04	.08	133	266
1440	.02	.56	.09	343	.05	.04	.10	200	500
1450	.05	.60	.10	0	.06	.04	.10	80	200
1460	.01	.00	.01	355	.00	.01	.03	100	300
1470	.11	.11	.62	352	.07	.55	.93	500	845
1480	.01	.33	.03	355	.01	.02	.10	200	1000
1490	.01	.00	.01	0	.00	.01	.08	100	800
1505	.01	.67	.03	0	.02	.01	.05	100	500
1510	.01	.00	.01	0	.00	.01	.01	100	100
1520	.01	.00	.02	309	.00	.02	.01	200	100
1530	.01	.47	.17	327	.08	.09	.09	900	900
1540	.01	.00	.01	356	.00	.01	.02	100	200
1550	.01	.00	.01	0	.00	.01	.01	100	100
1560	.01	.50	.02	0	.01	.01	.02	100	200
1570	.01	.00	.01	0	.00	.01	.06	100	600
1580	.01	.50	.02	405	.01	.01	.05	100	500
1590	.01	.67	.03	312	.02	.01	.04	100	400
1600	.01	.00	.02	0	.00	.02	.05	200	500
1610	.01	.40	.05	320	.02	.03	.09	300	900
1620	.01	.33	.03	0	.01	.02	.06	200	600
1630	.01	.33	.03	328	.01	.02	.02	200	200
1640	.01	.33	.03	0	.01	.02	.05	200	500
1650	.01	.33	.03	0	.01	.02	.04	200	400
1660	.01	.33	.03	328	.01	.02	.01	200	100
1670	.09	.11	.56	355	.06	.50	.76	555	844
1680	.02	.06	.31	442	.02	.29	.34	1450	1700
1690	.01	.00	.01	0	.00	.01	.09	100	900
1700	.01	.00	.01	382	.00	.01	.07	100	700
1710	.01	.33	.03	356	.01	.02	.05	200	500
1720	.01	1.00	.01	0	.01	.00	.03	0	300
1730	.01	.44	.09	0	.04	.05	.03	500	300
1740	.01	.60	.05	325	.03	.02	.04	200	400
1750	.01	.50	.04	322	.02	.02	.04	200	400
1760	.01	.43	.07	316	.03	.04	.05	400	500
1770	.01	.50	.04	344	.02	.02	.01	200	100
1780	.01	.33	.06	353	.02	.04	.04	400	400
1790	.01	.00	.03	350	.00	.03	.01	300	100
1800	.01	.00	.02	339	.00	.02	.01	200	100
1810	.01	.50	.08	444	.04	.04	.09	400	900
1820	.01	.53	.15	317	.08	.07	.05	700	500
1830	.01	.50	.08	0	.04	.04	.05	400	500
1840	.01	.50	.06	331	.03	.03	.08	300	800
1850	.01	.50	.08	0	.04	.04	.07	400	700
1860	.01	.55	.11	320	.06	.05	.05	500	500

Shell Forsyth D-25-A/82-J-6					400 4110m				
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
1870	.01	.44	.09	0	.04	.05	.02	500	200
1880	.01	1.00	.01	0	.01	.00	.01	0	100
1890	.01	.50	.04	0	.02	.02	.01	200	100
1900	.01	.50	.02	0	.01	.01	.04	100	400
1910	.01	.50	.04	0	.02	.02	.03	200	300
1920	.01	.50	.06	0	.03	.03	.05	300	500
1930	.01	.67	.06	0	.04	.02	.03	200	300
1940	.04	.60	.15	323	.09	.06	.02	150	50
1950	.05	.61	.28	366	.17	.11	.36	220	720
1960	.02	.70	.10	0	.07	.03	.08	150	400
1970	.01	.71	.07	0	.05	.02	.07	200	700
1980	.01	.56	.09	0	.05	.04	.12	400	1200
1990	.01	.50	.02	338	.01	.01	.06	100	600
2000	.01	.67	.06	0	.04	.02	.11	200	1100
2010	.01	.50	.04	0	.02	.02	.07	200	700
2020	.01	.43	.07	326	.03	.04	.08	400	800
2030	.01	.57	.07	0	.04	.03	.06	300	600
2050	.01	.63	.08	0	.05	.03	.06	300	600
2060	.01	.50	.08	0	.04	.04	.05	400	500
2070	.01	.67	.03	0	.02	.01	.02	100	200
2080	.01	.50	.02	310	.01	.01	.07	100	700
2090	.01	1.00	.01	0	.01	.00	.03	0	300
2100	.01	.00	.01	0	.00	.01	.10	100	1000
2110	.01	.50	.04	408	.02	.02	.08	200	800
2120	.03	.31	.36	372	.11	.25	.40	833	1333
2135	.01	.60	.05	0	.03	.02	.04	200	400
2140	.01	.75	.04	0	.03	.01	.07	100	700
2150	.01	.67	.03	325	.02	.01	.02	100	200
2160	.02	1.00	.02	0	.02	.00	.03	0	150
2170	.03	.75	.04	0	.03	.01	.05	33	166
2180	.02	.59	.17	341	.10	.07	.15	350	750
2190	.02	.63	.08	0	.05	.03	.07	150	350
2200	.02	.75	.04	0	.03	.01	.04	50	200
2210	.01	.60	.05	0	.03	.02	.04	200	400
2220	.01	.00	.01	0	.00	.01	.06	100	600
2230	.01	.00	.01	0	.00	.01	.05	100	500
2240	.01	.00	.01	0	.00	.01	.02	100	200
2250	.01	.00	.01	0	.00	.01	.03	100	300
2260	.01	.00	.01	0	.00	.01	.03	100	300
2270	.01	.00	.01	0	.00	.01	.02	100	200
2285	.01	.00	.01	0	.00	.01	.01	100	100
2290	.01	.00	.01	0	.00	.01	.03	100	300
2300	.01	.00	.01	0	.00	.01	.01	100	100
2310	.01	.00	.01	0	.00	.01	.01	100	100
2320	.01	.00	.01	0	.00	.01	.01	100	100
2330	.01	.00	.01	0	.00	.01	.01	100	100
2340	66.38	.00	.01	0	.00	.01	.04	0	0
2350	.01	.00	.01	0	.00	.01	.02	100	200
2360	.01	1.00	.01	0	.01	.00	.08	0	800

Shell Forsyth D-25-A/82-J-6

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
2370	.01	.00	.01	0	.00	.01	.01	100	100
2380	.01	.50	.02	0	.01	.01	.01	100	100
2390	.01	.57	.07	309	.04	.03	.04	300	400
2400	.01	.67	.06	0	.04	.02	.04	200	400
2410	.01	.43	.07	370	.03	.04	.04	400	400
2420	.04	1.00	.03	0	.03	.00	.08	0	200
2430	.01	.57	.07	363	.04	.03	.07	300	700
2440	.01	.75	.04	0	.03	.01	.12	100	1200
2450	.03	.75	.04	0	.03	.01	.14	33	466
2460	.01	.60	.05	0	.03	.02	.09	200	900
2470	.01	.67	.03	0	.02	.01	.04	100	400
2485	.01	.60	.05	0	.03	.02	.04	200	400
2490	.01	1.00	.02	0	.02	.00	.05	0	500
2500	.02	.71	.07	442	.05	.02	.11	100	550
2510	.05	.53	.17	347	.09	.08	.06	160	120
2520	.08	.62	.13	342	.08	.05	.07	62	87
2530	.01	.50	.04	317	.02	.02	.06	200	600
2540	.01	.33	.03	328	.01	.02	.07	200	700
2550	.01	.57	.07	317	.04	.03	.08	300	800
2560	.01	.56	.09	326	.05	.04	.03	400	300
2570	.01	.56	.09	322	.05	.04	.04	400	400
2580	.01	.67	.06	316	.04	.02	.07	200	700
2590	.01	.60	.05	0	.03	.02	.07	200	700
2600	.01	1.00	.02	0	.02	.00	.07	0	700
2610	.01	.33	.03	0	.01	.02	.04	200	400
2620	.01	.00	.01	0	.00	.01	.07	100	700
2630	.01	.50	.02	314	.01	.01	.06	100	600
2640	.01	.50	.04	443	.02	.02	.18	200	1800
2650	.01	1.00	.02	0	.02	.00	.10	0	1000
2660	.03	.80	.05	0	.04	.01	.04	33	133
2670	.06	.64	.11	0	.07	.04	.07	66	116
2680	.05	.47	.19	373	.09	.10	.12	200	240
2690	.04	.56	.09	0	.05	.04	.06	100	150
2700	.05	.54	.13	314	.07	.06	.06	120	120
2710	.03	.56	.09	0	.05	.04	.06	133	200
2720	.03	.50	.10	333	.05	.05	.10	166	333
2730	.11	.59	.17	324	.10	.07	.06	63	54
2740	.18	.53	.51	374	.27	.24	.18	133	99
2750	.13	.59	.22	374	.13	.09	.10	69	76
2760	.13	.64	.14	0	.09	.05	.02	38	15
2770	.07	.67	.15	343	.10	.05	.06	71	85
2780	.14	.59	.17	428	.10	.07	.13	50	92
2790	.21	.59	.27	351	.16	.11	.17	52	80
2800	.13	.53	.19	329	.10	.09	.18	69	138
2810	.15	.56	.16	332	.09	.07	.06	46	40
2820	.19	.55	.22	365	.12	.10	.06	52	31
2830	.09	.43	.14	430	.06	.08	.09	88	99
2840	.20	.45	.67	369	.30	.37	.31	185	155
2850	.29	.50	.30	414	.15	.15	.10	51	34

Shell Forsyth D-25-A/82-J-6

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
2865	.21	.46	.26	389	.12	.14	.11	66	52
2870	.24	.59	.17	391	.10	.07	.05	29	20
2880	.64	.57	.28	345	.16	.12	.14	18	21
2890	.52	.52	.42	366	.22	.20	.09	38	17
2900	.38	.46	.24	432	.11	.13	.06	34	15
2910	.21	.57	.14	354	.08	.06	.01	28	4
2920	.28	.55	.11	439	.06	.05	.12	17	42
2930	.97	.17	2.33	353	.39	1.94	1.77	200	182
2940	.41	.45	.22	392	.10	.12	.11	29	26
2950	.24	.50	.12	339	.06	.06	.08	25	33
2960	.26	.67	.09	315	.06	.03	.05	11	19
2970	.27	.71	.07	0	.05	.02	.04	7	14
2980	.52	.52	.27	382	.14	.13	.05	25	9
2990	.61	.46	.39	376	.18	.21	.10	34	16
3000	.40	.45	.22	386	.10	.12	.11	30	27
3010	.25	.63	.48	375	.30	.18	.50	72	200
3020	.28	.56	.18	343	.10	.08	.07	28	25
3030	.73	.46	.39	384	.18	.21	.12	28	16
3040	.41	.47	.32	417	.15	.17	.05	41	12
3050	.28	.52	.23	353	.12	.11	.10	39	35
3060	.30	.54	.26	384	.14	.12	.15	40	50
3070	.91	.48	.31	363	.15	.16	.11	17	12
3080	1.01	.43	.42	365	.18	.24	.10	23	9
3090	.65	.50	.36	455	.18	.18	.09	27	13
3090	.91	.49	.45	366	.22	.23	.13	25	14
3100	.75	.59	.32	379	.19	.13	.11	17	14
3110	.64	.51	.37	418	.19	.18	.14	28	21
3120	.32	.59	.29	354	.17	.12	.12	37	37
3130	.87	.55	.33	385	.18	.15	.08	17	9
3140	1.43	.51	.43	425	.22	.21	.12	14	8
3150	1.63	.60	.48	358	.29	.19	.14	11	8
3150	1.11	.60	.48	439	.29	.19	.01	17	0
3160	1.65	.49	.51	399	.25	.26	.08	15	4
3170	1.93	.51	.57	366	.29	.28	.13	14	6
3180	1.63	.62	.42	364	.26	.16	.14	9	8
3190	2.39	.50	.82	373	.41	.41	.13	17	5
3200	1.48	.43	.68	417	.29	.39	.15	26	10
3210	.13	.70	.10	435	.07	.03	.08	23	61
3220	.01	.57	.07	380	.04	.03	.11	300	1100
3230	.01	.70	.10	0	.07	.03	.06	300	600
3240	.04	.57	.14	0	.08	.06	.08	150	200
3250	.05	.63	.16	335	.10	.06	1.25	120	2500
3260	.01	1.00	.02	0	.02	.00	.08	0	800
3270	.01	.78	.09	309	.07	.02	.18	200	1800
3280	.01	.33	.06	445	.02	.04	.10	400	1000
3290	.01	.67	.03	410	.02	.01	.08	100	800
3300	.01	.60	.10	322	.06	.04	.19	400	1900
3310	.02	.60	.10	368	.06	.04	.07	200	350
3320	.02	.58	.12	369	.07	.05	.22	250	1100

Shell Forsyth D-25-A/82-J-6					400 4110m				
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
3330	.01	.43	.07	360	.03	.04	.07	400	700
3340	.01	.60	.05	357	.03	.02	.06	200	600
3350	.01	1.00	.01	0	.01	.00	.06	0	600
3360	.01	.50	.04	357	.02	.02	.02	200	200
3370	.01	.33	.06	377	.02	.04	.06	400	600
3380	.07	.50	.04	339	.02	.02	.03	28	42
3390	.01	.50	.04	326	.02	.02	.09	200	900
3400	.01	.67	.03	0	.02	.01	.01	100	100
3415	.01	1.00	.01	0	.01	.00	.03	0	300
3420	.01	1.00	.02	0	.02	.00	.12	0	1200
3430	.01	.50	.02	389	.01	.01	.03	100	300
3440	.01	.43	.07	379	.03	.04	.06	400	600
3450	.01	.50	.06	354	.03	.03	.10	300	1000
3460	.01	.67	.03	327	.02	.01	.07	100	700
3470	.01	.33	.03	335	.01	.02	.05	200	500
3480	.01	1.00	.02	0	.02	.00	.06	0	600
3490	.01	.50	.04	398	.02	.02	.01	200	100
3500	.01	.33	.03	347	.01	.02	.01	200	100
3510	.01	.33	.03	356	.01	.02	.03	200	300
3520	.01	.50	.02	0	.01	.01	.01	100	100
3530	.01	.50	.04	318	.02	.02	.03	200	300
3540	.13	.44	.09	339	.04	.05	.01	38	7
3550	.24	.57	.21	388	.12	.09	.54	37	225
3560	.38	.55	.20	410	.11	.09	.11	23	28
3570	.20	.67	.09	333	.06	.03	.03	15	15
3580	.49	.55	.22	334	.12	.10	.07	20	14
3590	.10	.44	.09	387	.04	.05	.02	50	20
3600	.03	.45	.11	370	.05	.06	.07	200	233
3610	.01	.50	.06	322	.03	.03	.05	300	500
3620	.01	.50	.04	362	.02	.02	.04	200	400
3630	.01	.50	.04	0	.02	.02	.09	200	900
3640	.01	.33	.03	336	.01	.02	.03	200	300
3650	.01	.33	.03	349	.01	.02	.04	200	400
3660	.01	.40	.05	351	.02	.03	.06	300	600
3670	.01	.50	.08	355	.04	.04	.05	400	500
3680	.01	.50	.02	330	.01	.01	.01	100	100
3690	.01	.40	.05	347	.02	.03	.07	300	700
3700	.01	.50	.02	442	.01	.01	.11	100	1100
3710	.01	.67	.03	355	.02	.01	.10	100	1000
3720	.01	.50	.06	334	.03	.03	.16	300	1600
3730	.01	1.00	.02	0	.02	.00	.12	0	1200
3740	.01	.00	.01	0	.00	.01	.06	100	600
3750	.03	.19	.16	356	.03	.13	.55	433	1833
3760	.01	.29	.07	393	.02	.05	.05	500	500
3770	.01	1.00	.02	0	.02	.00	.04	0	400
3780	.02	.50	.04	332	.02	.02	.10	100	500
3790	.01	.33	.03	323	.01	.02	.16	200	1600
3800	.01	1.00	.02	0	.02	.00	.05	0	500
3810	.01	.00	.01	0	.00	.01	.05	100	500

Shell Forsyth D-25-A/82-J-6					400 4110m				
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
3820	.02	.75	.04	0	.03	.01	.39	50	1950
3830	.02	.67	.03	443	.02	.01	.19	50	950
3840	.01	.56	.09	405	.05	.04	.21	400	2100
3850	.29	.26	.66	411	.17	.49	1.13	168	389
3860	.04	.50	.04	420	.02	.02	.04	50	100
3870	.01	.00	.02	389	.00	.02	.04	200	400
3880	.05	.20	.05	404	.01	.04	.07	80	140
3890	.11	.43	.07	366	.03	.04	.12	36	109
3900	.04	.40	.05	319	.02	.03	.07	75	175
3910	.24	.42	.12	398	.05	.07	.07	29	29
3920	.49	.66	.64	394	.42	.22	.44	44	89
3930	.19	.40	.05	361	.02	.03	.09	15	47
3940	.22	.50	.08	354	.04	.04	.04	18	18
3950	.56	.56	.09	325	.05	.04	.03	7	5
3960	.48	.60	.05	0	.03	.02	.04	4	8
3970	.59	.60	.25	410	.15	.10	.22	16	37
3980	.67	.58	.26	385	.15	.11	.21	16	31
3990	.34	.48	.25	493	.12	.13	.16	38	47
4000	1.21	.64	.25	362	.16	.09	.28	7	23
4010	.75	.48	.21	375	.10	.11	.18	14	24
4020	.96	.50	.28	366	.14	.14	.20	14	20
4030	.26	.60	.15	381	.09	.06	.28	23	107
4040	.35	.46	.13	367	.06	.07	.09	20	25
4050	.28	.63	.08	338	.05	.03	.10	10	35
4060	.42	.30	.30	531	.09	.21	.09	50	21
4070	.13	.29	.35	522	.10	.25	.20	192	153
4070	.54	.24	.41	509	.10	.31	.12	57	22
4080	.38	.21	.28	517	.06	.22	.06	57	15
4090	.56	.21	.42	509	.09	.33	.09	58	16
4100	.68	.17	.53	506	.09	.44	.06	64	8
4110	.80	.22	.55	525	.12	.43	.14	53	17
Etherington			365M						
Mt. Head			575						
Livingstone			1455						
Banff			2032						
Exshaw			3167						
Palliser			3200						
Alexo			3816						
Banff			3968						