



**GEOLOGICAL SURVEY OF CANADA  
COMMISSION GÉOLOGIQUE DU CANADA**

**Open File 2899**

**ROCK-EVAL/TOC DATA FOR THREE  
WELLS IN THE KANDIK BASIN,  
WESTERN YUKON TERRITORY**

**L.R. Snowdon and P.R. Price**

**JULY 1994**

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.

## **Rock-Eval/TOC data for three wells in the Kandik Basin, western Yukon Territory**

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Rock-Eval/TOC pyrolysis analyses have been carried out for the following three wells (figure 1) in the Kandik Basin, Yukon Territory:

Inexco Husky Amoco Blackfly M-55 (65°54'55"N 140°25'55"W),  
Inexco Mallard YT O-18 (65°47'58.00"N 140°17'41"W), and  
Inexco Husky Porcupine G-31 (66°20'22"N 140°06'13"W).

These wells were drilled between 1970 and 1972 and "excess bag cuttings" stored at the Institute of Sedimentary and Petroleum Geology since that time were the samples used for this study. Similar work carried out in Eagle Plains Basin (Snowdon, 1988) on old cuttings yielded very good results and so the rather negative results obtained for these wells are presumed to actually be representative of the sections drilled.

The raw data are presented in Table 1 (also on diskette) and Figures 2 to 4. All depths are reported in feet because these are the units in which the wells were drilled and in which the well data are reported. The results indicate that the entire section represented in all three of these wells is at a high level of thermal maturity. This interpretation is consistent with data for the Louisiana Land & Exploration No. 1 Doyon well (figure 1) (Johnsson et al, 1993) which indicates that the thermal maturity increases from a vitrinite reflectance level of about 4% VRo at the surface to about 5% VRo at about 3500m. These results are also consistent with high vitrinite reflectance values (generally >2% VRo) reported by Underwood et al. (1992, figure 8) for the Kandik River belt on the north side of the Glenn Creek Fault on the Alaska side of the border (figure 1). Read et al. (1991) have compiled a number of additional maturity parameters for the Yukon Territory and the only measured reflectance values reported for NTS map areas 116C and 116G in the vicinity of Kandik Basin are all less than 0.6 %VRo.

With the exception of selected intervals within the Ford Lake shale in the Mallard YT O-18 well (thrust repeated) and the shallowest portion of the Porcupine G-31 well (Devonian), very few samples have total organic carbon (TOC) contents in excess of 1%. The low TOC values reflect the high maturity as well as the original organic content of these rocks.

It must be concluded that there is no residual oil generation potential and limited to no gas generation potential for the Paleozoic sections represented in these wells. Indications from the Alaska data are that there may be some residual petroleum potential for Mesozoic and Tertiary sections over part of the Canadian portion of the Kandik Basin.

## Figures

- Figure 1: Map of Kandik Basin area in Yukon Territory and Alaska showing location of three wells in this study and 3 wells drilled in Alaska. Yukon Flats, Eagle Plains, and Kandik Basin outlines are drawn at the limits of Mesozoic cover.
- Figure 2: Rock-Eval/TOC measured and derived parameters plotted as a) a function of depth, and b) as Oxygen Index and Tmax versus Hydrogen Index cross plots: Inexco Husky Amoco Blackfly M-55 (65°54'55"N 140°25'55"W).
- Figure 3: As for figure 2: Inexco Mallard YT O-18 (65°47'58.00"N 140°17'41"W).
- Figure 4: As for figure 2: Inexco Husky Porcupine G-31 (66°20'22"N 140°06'13"W).

## Tables

- Table 1: Rock-Eval/TOC data for three Yukon Territory wells near Kandik Basin.

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#### **Other GSC Rock-Eval Data Available in GSC Open File Reports**

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Fowler, M.G. and L.R. Snowdon (1989) Rock-Eval/TOC data from wells located in the southern Grand Banks and the Jeanne d'Arc basin, offshore Newfoundland; Geological Survey of Canada Open File Report 2025, 37p.

Fowler, M.G., L.R. Snowdon, K.R. Stewart and K.D. McAlpine (1990) Rock-Eval/TOC data from 9 wells located offshore Newfoundland; Geological Survey of Canada Open File Report 2271, 74p.

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Inexco	Husky	Amoco	Blackfly	M-55		0	6030	300	.50	
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI	
*****	*****	****	*****	****	*****	*****	*****	*****	*****	*****
60F	.54	.61	.74	366	.45	.29	.84	53	155	
90	.77	.56	1.65	377	.92	.73	1.19	94	154	
120	.82	.59	2.30	379	1.35	.95	1.38	115	168	
140	.77	.54	1.89	378	1.03	.86	1.23	111	159	
180	.79	.58	1.86	371	1.08	.78	1.32	98	167	
240	.32	.69	.48	332	.33	.15	.20	46	62	
270	.79	.51	1.27	345	.65	.62	1.31	78	165	
300	.87	.49	2.28	372	1.12	1.16	1.42	133	163	
330	.55	.61	1.02	371	.62	.40	.52	72	94	
360	.60	.56	1.31	337	.74	.57	1.05	95	175	
390	.54	.71	.76	369	.54	.22	.19	40	35	
420	.44	.75	.51	0	.38	.13	.18	29	40	
470	.54	.69	.78	382	.54	.24	.23	44	42	
510	.49	.66	.64	369	.42	.22	.69	44	140	
540	.61	.68	.82	374	.56	.26	.49	42	80	
570	.53	.64	1.14	362	.73	.41	.40	77	75	
600	.52	.70	.80	368	.56	.24	.39	46	75	
630	.60	.63	1.45	384	.92	.53	.59	88	98	
700	.90	.62	3.48	372	2.16	1.32	1.12	146	124	
770	.56	.67	.83	374	.56	.27	.52	48	92	
810	.59	.63	1.16	374	.73	.43	.33	72	55	
840	.69	.56	1.71	394	.95	.76	.57	110	82	
870	.49	.69	.75	363	.52	.23	.21	46	42	
900	.56	.67	.81	372	.54	.27	.59	48	105	
930	.54	.75	.55	362	.41	.14	.25	25	46	
940	.53	.72	.64	366	.46	.18	.41	33	77	
990	.51	.71	.80	364	.57	.23	.33	45	64	
1020	.69	.69	2.03	367	1.41	.62	.27	89	39	
1050	.47	.70	.63	365	.44	.19	.22	40	46	
1080	.43	.77	.65	361	.50	.15	.19	34	44	
1110	.51	.72	1.42	373	1.02	.40	.23	78	45	
1140	.56	.68	1.39	375	.95	.44	.35	78	62	
1170	.50	.69	1.01	367	.70	.31	.51	62	102	
1200	.59	.70	1.79	373	1.25	.54	.49	91	83	
1230	.40	.75	.51	368	.38	.13	.55	32	137	
1260	.56	.52	1.19	344	.62	.57	1.31	101	233	
1290	.50	.63	.70	370	.44	.26	.74	52	148	
1320	.51	.69	1.19	381	.82	.37	.87	72	170	
1350	.40	.69	1.34	382	.92	.42	.52	105	130	
1380	.37	.70	.47	352	.33	.14	.48	37	129	
1410	.31	.65	.54	368	.35	.19	.50	61	161	
1440	.44	.66	.87	367	.57	.30	.30	68	68	
1460	.51	.69	.99	365	.68	.31	.16	60	31	
1500	.51	.63	1.52	373	.95	.57	.30	111	58	
1540	.17	.73	.67	366	.49	.18	.12	105	70	
1570	.15	.66	.61	401	.40	.21	.15	140	100	
1590	.10	.79	.43	314	.34	.09	.12	90	120	

Inexco	Husky	Amoco	Blackfly	M-55		0	6030	300	.50	
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI	
*****	*****	****	*****	****	*****	*****	*****	*****	*****	*****
1620	.16	.78	.67	377	.52	.15	.21	93	131	
1680	.20	.73	.40	363	.29	.11	.09	55	45	
1710	.32	.62	.93	372	.58	.35	.18	109	56	
1740	.34	.52	.77	401	.40	.37	.23	108	67	
1770	.17	.82	.62	323	.51	.11	.27	64	158	
1800	.18	.80	.82	371	.66	.16	.25	88	138	
1830	.23	.70	.82	373	.57	.25	.15	108	65	
1830	.12	.71	.52	377	.37	.15	.10	125	83	
1860	.38	.68	1.87	379	1.27	.60	.23	157	60	
1890	.16	.79	.85	379	.67	.18	.38	112	237	
1920	.18	.70	.84	367	.59	.25	.32	138	177	
1950	.12	.78	.73	393	.57	.16	.22	133	183	
1980	.05	.91	.22	327	.20	.02	.11	40	220	
2010	.31	.67	.61	371	.41	.20	.16	64	51	
2040	.13	.81	.26	373	.21	.05	.26	38	200	
2070	.28	.69	.64	368	.44	.20	.19	71	67	
2100	.09	.74	.35	0	.26	.09	.13	100	144	
2130	.03	.79	.14	403	.11	.03	.22	100	733	
2160	.28	.67	.33	374	.22	.11	.20	39	71	
2190	.21	.71	.28	364	.20	.08	.26	38	123	
2220	.14	.91	.11	336	.10	.01	.20	7	142	
2250	.29	.61	.57	378	.35	.22	.57	75	196	
2280	.26	.70	.30	343	.21	.09	.32	34	123	
2310	.28	.75	.32	370	.24	.08	.16	28	57	
2340	.28	.67	.40	373	.27	.13	.14	46	50	
2370	.21	.74	.27	323	.20	.07	.13	33	61	
2430	.25	.74	.27	325	.20	.07	.21	27	84	
2460	.11	.87	.16	0	.14	.02	.29	18	263	
2490	.22	.63	.27	0	.17	.10	.45	45	204	
2520	.37	.77	.26	393	.20	.06	.38	16	102	
2550	.27	.70	.43	369	.30	.13	.33	48	122	
2580	.13	1.00	.10	0	.10	.00	.25	0	192	
2610	.18	.89	.19	0	.17	.02	.29	11	161	
2640	.24	.65	.40	325	.26	.14	.28	58	116	
2650	.18	.71	.72	377	.51	.21	.14	116	77	
2670	.03	1.00	.10	0	.10	.00	.28	0	933	
2700	.15	.88	.24	0	.21	.03	.35	20	233	
2730	.07	.86	.21	0	.18	.03	.09	42	128	
2760	.04	1.00	.07	0	.07	.00	.11	0	275	
2790	.08	1.00	.18	0	.18	.00	.26	0	325	
2820	.65	.83	4.19	425	3.46	.73	.37	112	56	
2850	.11	.93	.30	0	.28	.02	.21	18	190	
2880	.20	.75	.44	345	.33	.11	.28	55	140	
2910	.20	.73	.44	326	.32	.12	.22	60	110	
2940	.23	.81	.21	0	.17	.04	.21	17	91	
2970	.14	.71	.48	0	.34	.14	.11	100	78	
3000	.21	.73	.30	325	.22	.08	.26	38	123	

Inexco	Husky	Amoco	Blackfly	M-55		0	6030	300	.50	
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI	
*****	*****	****	*****	****	*****	*****	*****	*****	*****	*****
3030	.17	.65	.37	330	.24	.13	.15	76	88	
3060	.05	.92	.12	0	.11	.01	.12	20	240	
3090	.10	.79	.29	408	.23	.06	.13	60	130	
3120	.18	.72	.47	324	.34	.13	.10	72	55	
3150	.23	.78	.41	0	.32	.09	.15	39	65	
3180	.15	.87	.32	0	.28	.04	.10	26	66	
3210	.22	.73	.37	368	.27	.10	.18	45	81	
3240	.27	.78	.73	365	.57	.16	.27	59	100	
3280	.26	.80	.40	0	.32	.08	.15	30	57	
3300	.30	.68	.50	327	.34	.16	.13	53	43	
3330	.25	.78	.32	0	.25	.07	.14	27	55	
3360	.20	.83	.75	304	.62	.13	.18	65	90	
3390	.21	.79	.53	380	.42	.11	.13	52	61	
3420	.20	.72	.50	380	.36	.14	.20	70	100	
3450	.34	.74	.80	370	.59	.21	.21	61	61	
3480	.25	.78	.49	336	.38	.11	.16	44	64	
3510	.28	.73	.88	370	.64	.24	.12	85	42	
3550	.31	.72	.81	374	.58	.23	.19	74	61	
3570	.23	.69	.62	376	.43	.19	.10	82	43	
3600	.20	.76	.54	309	.41	.13	.07	65	35	
3630	.20	.71	.59	350	.42	.17	.08	85	40	
3660	.33	.69	.96	380	.66	.30	.16	90	48	
3690	.21	.75	.51	374	.38	.13	.14	61	66	
3720	.28	.67	.84	386	.56	.28	.16	100	57	
3750	.10	.74	.34	330	.25	.09	.07	90	70	
3780	.20	.66	.47	386	.31	.16	.12	80	60	
3810	.23	.68	.66	392	.45	.21	.34	91	147	
3840	.26	.70	.64	377	.45	.19	.25	73	96	
3870	.06	.79	.39	396	.31	.08	.05	133	83	
3900	.45	.84	3.50	431	2.93	.57	.32	126	71	
3930	.02	1.00	.16	0	.16	.00	.03	0	150	
3960	.06	.92	.51	0	.47	.04	.08	66	133	
3990	.04	.88	.34	0	.30	.04	.07	100	174	
4030	.04	.95	.21	0	.20	.01	.05	25	125	
4050	.03	.96	.26	0	.25	.01	.13	33	433	
4080	.04	1.00	.28	0	.28	.00	.07	0	174	
4110	.07	.96	.28	0	.27	.01	.23	14	328	
4140	.03	.96	.27	354	.26	.01	.16	33	533	
4170	.05	1.00	.13	0	.13	.00	.13	0	260	
4200	.03	1.00	.13	0	.13	.00	.10	0	333	
4230	.09	.88	.26	0	.23	.03	.12	33	133	
4260	.02	1.00	.15	0	.15	.00	.13	0	650	
4290	70.09	.94	.17	0	.16	.01	.23	0	0	
4320	.05	1.00	.11	0	.11	.00	.13	0	260	
4350	.08	.57	.28	421	.16	.12	.33	150	412	
4380	.03	1.00	.09	0	.09	.00	.06	0	200	
4410	.04	.95	.19	0	.18	.01	.08	25	200	



Inexco	Husky	Amoco	Blackfly	M-55		0	6030	300	.50	
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI	
*****	*****	****	*****	****	*****	*****	*****	*****	*****	*****
4440	.08	.84	.38	0	.32	.06	.15	75	187	
4470	.06	.95	.20	0	.19	.01	.08	16	133	
4510	.07	.95	.20	0	.19	.01	.10	14	142	
4530	.11	.95	.21	0	.20	.01	.10	9	90	
4560	.03	1.00	.14	0	.14	.00	.16	0	533	
4590	.08	.89	.37	0	.33	.04	.10	50	125	
4620	.02	1.00	.09	0	.09	.00	.06	0	300	
4650	.12	.80	.20	0	.16	.04	.08	33	66	
4680	.10	.87	.23	379	.20	.03	.09	30	90	
4710	.10	.90	.20	420	.18	.02	.05	20	50	
4740	.10	.84	.32	0	.27	.05	.08	50	80	
4770	.09	.82	.17	0	.14	.03	.15	33	166	
4800	.16	.88	.17	0	.15	.02	.11	12	68	
4830	.20	.94	.17	0	.16	.01	.16	5	80	
4860	.16	.78	.27	0	.21	.06	.11	37	68	
4890	.17	.88	.24	401	.21	.03	.08	17	47	
4910	.25	.51	.85	387	.43	.42	.17	168	68	
4950	.10	.81	.36	313	.29	.07	.14	70	140	
4980	.08	1.00	.15	0	.15	.00	.06	0	75	
5010	.12	.81	.21	0	.17	.04	.11	33	91	
5040	.15	.72	.36	0	.26	.10	.06	66	40	
5070	.21	.77	.31	0	.24	.07	.09	33	42	
5100	.18	.66	.35	318	.23	.12	.10	66	55	
5130	.14	.56	.18	408	.10	.08	.11	57	78	
5160	.17	.78	.72	395	.56	.16	.20	94	117	
5190	.09	.92	.12	0	.11	.01	.07	11	77	
5200	.15	.65	.26	342	.17	.09	.21	60	140	
5310	.18	.75	.20	0	.15	.05	.24	27	133	
5340	.17	.67	.18	323	.12	.06	.15	35	88	
5370	.18	.73	.22	380	.16	.06	.26	33	144	
5400	.31	.88	1.97	374	1.74	.23	.08	74	25	
5430	.22	.67	.43	386	.29	.14	.11	63	50	
5460	.15	.75	.12	0	.09	.03	.14	20	93	
5490	.20	.90	.10	0	.09	.01	.25	5	125	
5520	.17	1.00	.07	0	.07	.00	.22	0	129	
5550	.20	.75	.08	0	.06	.02	.24	10	120	
5580	.18	.78	.18	0	.14	.04	.11	22	61	
5610	.13	1.00	.07	0	.07	.00	.12	0	92	
5640	.15	1.00	.08	0	.08	.00	.14	0	93	
5670	.15	1.00	.11	0	.11	.00	.10	0	66	
5700	.30	.74	.42	0	.31	.11	.06	36	20	
5730	.19	.92	.12	0	.11	.01	.22	5	115	
5760	.13	.82	.11	0	.09	.02	.13	15	100	
5790	.25	.92	.12	0	.11	.01	.29	4	116	
5820	.25	.72	.18	305	.13	.05	.19	20	76	
5850	.27	.78	.36	0	.28	.08	.14	29	51	
5880	.23	.82	.22	0	.18	.04	.11	17	47	

Inexco	Husky	Amoco	Blackfly	M-55		0	6030	300	.50	
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI	
*****	*****	****	*****	****	*****	*****	*****	*****	*****	*****
5910	.26	.83	.24	0	.20	.04	.08	15	30	
5940	.28	.90	.21	0	.19	.02	.14	7	50	
5970	.33	.85	.20	382	.17	.03	.12	9	36	
6000	.71	.81	3.54	373	2.88	.66	.14	92	19	
6030	.53	.79	.62	390	.49	.13	.05	24	9	

Jungle Creek Fm -1528F  
 Ettrain Fm -3887  
 Blackie Fm -4644  
 Ford Lake Sh -6790

Inexco Mallard YT O-18 010440 300 .50									
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
50F	1.15	.33	3.74	382	1.22	2.52	1.19	219	103
80	.59	.89	.27	406	.24	.03	.14	5	23
110	1.40	1.00	.13	0	.13	.00	.24	0	17
140	.65	.78	.18	0	.14	.04	.10	6	15
170	.45	1.00	.10	0	.10	.00	.55	0	122
200	.35	1.00	.10	0	.10	.00	.08	0	22
230	.38	.81	.16	0	.13	.03	.07	7	18
260	.45	.74	.27	312	.20	.07	.12	15	26
290	.34	1.00	.14	0	.14	.00	.08	0	23
320	.33	.75	.24	363	.18	.06	.12	18	36
350	.45	.52	.31	361	.16	.15	.54	33	120
380	.39	.68	.25	422	.17	.08	.21	20	53
410	.27	.63	.16	312	.10	.06	.12	22	44
440	.56	.91	.22	0	.20	.02	.14	3	25
470	.33	1.00	.07	0	.07	.00	.06	0	18
500	.29	1.00	.08	0	.08	.00	.04	0	13
530	.23	.50	.12	372	.06	.06	.06	26	26
560	.32	.56	.09	368	.05	.04	.10	12	31
590	.63	.10	.71	377	.07	.64	.83	101	131
620	.34	.41	.22	385	.09	.13	.12	38	35
650	.20	.50	.10	312	.05	.05	.05	25	25
680	.28	.41	.29	367	.12	.17	.14	60	50
710	.20	.44	.18	375	.08	.10	.05	50	25
740	.19	.57	.14	373	.08	.06	.03	31	15
770	.13	.47	.17	373	.08	.09	.02	69	15
800	.14	.39	.18	390	.07	.11	.06	78	42
830	.40	.12	.81	377	.10	.71	.83	177	207
860	.10	.39	.18	372	.07	.11	.05	110	50
890	.13	.31	.16	374	.05	.11	.08	84	61
920	.10	.41	.22	371	.09	.13	.12	130	120
950	.06	.38	.08	332	.03	.05	.04	83	66
980	.07	.43	.07	324	.03	.04	.16	57	228
1010	.06	.38	.08	350	.03	.05	.02	83	33
1040	.08	.33	.09	360	.03	.06	.03	75	37
1070	.12	.52	.29	339	.15	.14	.13	116	108
1100	.06	.40	.05	380	.02	.03	.02	50	33
1130	.12	.38	.13	374	.05	.08	.03	66	25
1160	.07	.67	.06	317	.04	.02	.03	28	42
1190	.03	.38	.08	321	.03	.05	.01	166	33
1250	.06	1.00	.05	0	.05	.00	.02	0	33
1280	.06	.67	.09	0	.06	.03	.06	50	100
1310	.11	.52	.23	0	.12	.11	.19	100	172
1340	.10	.85	.13	312	.11	.02	.06	20	60
1370	.14	.82	.17	312	.14	.03	.04	21	28
1400	.14	.81	.21	424	.17	.04	.05	28	35
1430	.35	.96	.23	0	.22	.01	.06	2	17
1460	.19	.71	.28	304	.20	.08	.06	42	31
1490	.05	.75	.16	300	.12	.04	.07	80	140

Inexco Mallard YT O-18 010440 300 .50									
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
1520	.07	1.00	.07	0	.07	.00	.02	0	28
1550	.16	1.00	.12	0	.12	.00	.05	0	31
1580	.19	.86	.14	303	.12	.02	.05	10	26
1610	.14	.73	.22	370	.16	.06	.05	42	35
1640	.47	.81	.26	312	.21	.05	.08	10	17
1670	.22	.62	.21	348	.13	.08	.08	36	36
1700	.32	.77	.47	0	.36	.11	.09	34	28
1730	.33	.71	.41	321	.29	.12	.10	36	30
1760	.39	.78	.18	393	.14	.04	.08	10	20
1790	.45	.63	.27	307	.17	.10	.11	22	24
1820	.36	.82	.17	311	.14	.03	.07	8	19
1850	.50	.63	.67	385	.42	.25	.13	50	26
1880	.33	.86	.14	324	.12	.02	.06	6	18
1910	.41	.67	.43	416	.29	.14	.14	34	34
1940	.20	.63	.38	385	.24	.14	.07	70	35
1970	.38	.73	.48	354	.35	.13	.12	34	31
2000	.40	.92	.12	0	.11	.01	.05	2	12
2030	.25	.58	.43	409	.25	.18	.15	72	60
2060	.33	.72	.36	379	.26	.10	.10	30	30
2090	.23	.54	.37	408	.20	.17	.12	73	52
2120	.19	.81	.21	327	.17	.04	.10	21	52
2150	.25	.68	.25	326	.17	.08	.06	32	24
2180	.26	.63	.40	394	.25	.15	.09	57	34
2210	.44	.80	.25	309	.20	.05	.06	11	13
2240	.91	1.00	.01	0	.01	.00	.06	0	6
2270	.30	.00	.01	0	.00	.01	.03	3	10
2300	.29	.67	.40	338	.27	.13	.10	44	34
2330	.35	.73	.40	0	.29	.11	.11	31	31
2360	.30	.69	.26	305	.18	.08	.11	26	36
2390	.40	.71	.35	304	.25	.10	.10	25	25
2420	.33	.81	.31	0	.25	.06	.09	18	27
2450	.33	.55	.56	395	.31	.25	.14	75	42
2480	.31	.73	.26	302	.19	.07	.09	22	29
2510	.13	.74	.19	389	.14	.05	.09	38	69
2540	.33	.65	.34	330	.22	.12	.11	36	33
2570	.25	.72	.25	349	.18	.07	.12	27	48
2630	.09	.78	.09	423	.07	.02	.12	22	133
2660	.28	.76	.33	301	.25	.08	.14	28	50
2690	.73	.83	.30	0	.25	.05	.12	6	16
2730	.65	.65	.20	305	.13	.07	.15	10	23
2750	.27	.64	.25	353	.16	.09	.11	33	40
2780	.49	.74	.27	0	.20	.07	.12	14	24
2810	.23	.89	.09	0	.08	.01	.07	4	30
2840	.19	.79	.19	0	.15	.04	.08	21	42
2870	.26	.69	.42	312	.29	.13	.12	50	46
2900	.15	.71	.21	0	.15	.06	.07	40	46
2930	.11	.90	.10	0	.09	.01	.04	9	36
2960	.18	.85	.20	312	.17	.03	.07	16	38

Inexco Mallard YT O-18 010440 300 .50									
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
2990	.11	.92	.12	0	.11	.01	.04	9	36
3020	.11	.85	.13	0	.11	.02	.09	18	81
3050	.09	.83	.12	0	.10	.02	.07	22	77
3080	.42	.69	.51	426	.35	.16	.13	38	30
3110	.31	.64	.59	399	.38	.21	.18	67	58
3140	1.07	.70	.27	349	.19	.08	.17	7	15
3170	.14	.68	.19	343	.13	.06	.10	42	71
3200	.63	.71	.17	304	.12	.05	.11	7	17
3230	.14	.67	.24	339	.16	.08	.09	57	64
3260	.53	.71	.28	0	.20	.08	.16	15	30
3290	1.30	.85	.13	0	.11	.02	.13	1	10
3320	.25	.73	.22	301	.16	.06	.11	24	44
3350	.22	.71	.31	381	.22	.09	.13	40	59
3380	.15	.75	.08	0	.06	.02	.08	13	53
3440	1.41	.68	.38	319	.26	.12	.14	8	9
3470	3.48	1.00	.02	0	.02	.00	.23	0	6
3500	4.31	1.00	.02	0	.02	.00	.38	0	8
3530	4.22	.00	.01	0	.00	.01	.37	0	8
3560	3.44	.75	.08	377	.06	.02	.30	0	8
3590	3.82	.71	.07	306	.05	.02	.40	0	10
3620	4.02	.00	.01	0	.00	.01	.28	0	6
3650	.94	.82	.22	0	.18	.04	.14	4	14
3650	3.08	.00	.01	0	.00	.01	.27	0	8
3710	.54	.61	.23	312	.14	.09	.10	16	18
3740	.85	1.00	.08	0	.08	.00	.08	0	9
3770	.80	.72	.32	329	.23	.09	.15	11	18
3800	.95	.92	.12	0	.11	.01	.12	1	12
3830	.79	.77	.13	0	.10	.03	.14	3	17
3860	.51	.93	.14	0	.13	.01	.09	1	17
3890	.37	.85	.20	0	.17	.03	.10	8	27
3920	.36	.75	.28	0	.21	.07	.09	19	25
3950	1.03	.92	.13	0	.12	.01	.13	0	12
3980	.36	.85	.13	371	.11	.02	.10	5	27
4010	.71	1.00	.10	0	.10	.00	.09	0	12
4040	.51	.68	.19	302	.13	.06	.09	11	17
4070	.61	.86	.14	0	.12	.02	.07	3	11
4100	.41	.82	.17	0	.14	.03	.09	7	21
4130	.31	.93	.14	0	.13	.01	.07	3	22
4160	.47	.93	.14	301	.13	.01	.07	2	14
4190	.59	.91	.11	304	.10	.01	.07	1	11
4220	.26	1.00	.13	0	.13	.00	.06	0	23
4250	.30	1.00	.10	0	.10	.00	.05	0	16
4280	.57	.91	.11	0	.10	.01	.08	1	14
4310	.61	.82	.17	0	.14	.03	.08	4	13
4340	.55	.81	.21	312	.17	.04	.09	7	16
4370	.61	.63	.62	386	.39	.23	.14	37	22
4400	.56	.84	.19	362	.16	.03	.09	5	16
4430	.64	.60	.43	381	.26	.17	.11	26	17

Inexco Mallard YT O-18 010440 300 .50									
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
4460	.60	.88	.17	343	.15	.02	.11	3	18
4490	.50	.94	.17	0	.16	.01	.09	2	18
4520	1.30	1.00	.10	0	.10	.00	.12	0	9
4550	.57	.82	.11	0	.09	.02	.08	3	14
4580	.47	1.00	.07	0	.07	.00	.05	0	10
4610	.84	.65	.20	331	.13	.07	.13	8	15
4640	.69	1.00	.11	0	.11	.00	.07	0	10
4670	1.02	1.00	.09	0	.09	.00	.11	0	10
4700	1.07	.78	.36	0	.28	.08	.15	7	14
4730	.84	.68	.38	331	.26	.12	.18	14	21
4760	.65	1.00	.08	0	.08	.00	.10	0	15
4790	.98	.93	.15	394	.14	.01	.14	1	14
4820	.58	.83	.12	0	.10	.02	.15	3	25
4850	.39	.92	.13	0	.12	.01	.08	2	20
4880	.75	.86	.14	0	.12	.02	.12	2	16
4910	.53	1.00	.06	0	.06	.00	.09	0	16
4940	.65	1.00	.09	0	.09	.00	.09	0	13
4970	.37	.63	.43	383	.27	.16	.09	43	24
5000	.40	.71	.17	351	.12	.05	.08	12	20
5030	.29	.85	.13	0	.11	.02	.07	6	24
5060	.25	.74	.19	308	.14	.05	.09	20	36
5090	.43	.83	.24	0	.20	.04	.21	9	48
5120	.23	.78	.23	0	.18	.05	.08	21	34
5150	.28	.79	.24	0	.19	.05	.11	17	39
5180	.31	.86	.36	391	.31	.05	.21	16	67
5210	.35	.80	.30	0	.24	.06	.11	17	31
5240	.36	.77	.35	0	.27	.08	.10	22	27
5270	.37	.71	.48	0	.34	.14	.12	37	32
5300	.29	.90	.20	0	.18	.02	.08	6	27
5330	.21	.82	.22	301	.18	.04	.08	19	38
5360	.39	.79	.29	0	.23	.06	.12	15	30
5390	.29	.69	.51	343	.35	.16	.12	55	41
5420	.22	.88	.17	0	.15	.02	.07	9	31
5450	.33	.58	.26	340	.15	.11	.08	33	24
5480	.35	.69	.26	333	.18	.08	.07	22	19
5510	.35	.70	.23	361	.16	.07	.11	19	31
5540	.21	.75	.28	301	.21	.07	.09	33	42
5570	.38	.92	.25	302	.23	.02	.07	5	18
5600	.43	.49	.82	437	.40	.42	.11	97	25
5630	.55	.50	.76	396	.38	.38	.21	69	38
5660	.38	.63	.27	368	.17	.10	.10	26	26
5690	.40	.56	.62	354	.35	.27	.12	67	30
5720	.54	.41	1.16	398	.48	.68	.56	125	103
5750	.62	.36	1.17	414	.42	.75	.21	120	33
5780	.41	.79	.38	0	.30	.08	.09	19	21
5810	.39	.76	.49	310	.37	.12	.09	30	23
5840	.58	.66	.32	302	.21	.11	.10	18	17
5870	.55	.54	.37	459	.20	.17	.11	30	20

Inexco Mallard YT O-18 010440 300 .50									
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
5900	.37	.75	.32	0	.24	.08	.07	21	18
5930	.34	.63	.35	399	.22	.13	.08	38	23
5960	.48	.86	.29	0	.25	.04	.08	8	16
5990	.45	.67	.49	334	.33	.16	.11	35	24
6020	1.12	.56	1.05	392	.59	.46	.17	41	15
6050	1.42	1.00	.12	0	.12	.00	.13	0	9
6090	2.32	1.00	.03	0	.03	.00	.20	0	8
6110	2.31	.80	.15	0	.12	.03	.17	1	7
6140	.72	.52	.93	395	.48	.45	.14	62	19
6170	1.92	.74	.31	355	.23	.08	.18	4	9
6200	.89	.66	.35	335	.23	.12	.10	13	11
6230	1.28	.67	.36	354	.24	.12	.18	9	14
6260	1.57	.64	.28	353	.18	.10	.15	6	9
6290	1.14	.72	.18	0	.13	.05	.10	4	8
6320	.79	.60	.20	397	.12	.08	.13	10	16
6350	.42	.81	.27	364	.22	.05	.10	11	23
6380	.38	.77	.30	310	.23	.07	.07	18	18
6410	.37	.64	.36	0	.23	.13	.11	35	29
6440	.35	.62	.26	342	.16	.10	.12	28	34
6470	.34	.62	.29	338	.18	.11	.10	32	29
6500	.45	.55	.40	405	.22	.18	.16	40	35
6530	.59	.49	1.42	395	.70	.72	.14	122	23
6560	1.03	.76	.33	371	.25	.08	.13	7	12
6590	.59	.47	.94	421	.44	.50	.20	84	33
6620	.58	.57	.65	388	.37	.28	.12	48	20
6650	.27	.49	.61	394	.30	.31	.08	114	29
6680	.22	.83	.40	363	.33	.07	.05	31	22
6710	.71	.38	2.59	395	.99	1.60	.46	225	64
6740	.55	.52	.46	377	.24	.22	.24	40	43
6770	.55	.42	.26	375	.11	.15	.09	27	16
6800	.76	.53	.34	371	.18	.16	.08	21	10
6830	.25	.57	.14	337	.08	.06	.07	24	27
6860	.36	.25	.60	386	.15	.45	.10	125	27
6890	1.59	.49	.37	376	.18	.19	.15	11	9
6920	1.03	.48	.27	375	.13	.14	.12	13	11
6950	1.08	.66	7.00	375	4.61	2.39	.37	221	34
6980	.28	.32	.34	379	.11	.23	.11	82	39
7010	.54	.40	.58	381	.23	.35	.09	64	16
7040	.70	.34	1.11	383	.38	.73	.33	104	47
7100	.53	.58	.38	358	.22	.16	.15	30	28
7130	.96	.60	.15	404	.09	.06	.20	6	20
7160	.30	.74	.34	304	.25	.09	.14	30	46
7190	.40	.60	.43	323	.26	.17	.15	42	37
7220	.42	.64	.59	349	.38	.21	.20	50	47
7250	.25	.55	.49	424	.27	.22	.20	88	80
7280	.27	.64	.36	312	.23	.13	.12	48	44
7310	.40	.62	.45	347	.28	.17	.23	42	57
7340	.38	.73	.30	309	.22	.08	.16	21	42

Inexco Mallard YT O-18 010440 300 .50									
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
7370	.38	.60	.55	390	.33	.22	.19	57	50
7410	.38	.53	.55	389	.29	.26	.21	68	55
7470	.26	.57	.47	387	.27	.20	.19	76	73
7500	.17	.63	.32	351	.20	.12	.15	70	88
7530	.15	.43	.37	447	.16	.21	.15	140	100
7550	.16	.58	.26	383	.15	.11	.15	68	93
7590	.50	.68	.19	302	.13	.06	.14	12	27
7620	.22	.65	.31	382	.20	.11	.13	50	59
7660	.34	.63	.32	302	.20	.12	.11	35	32
7690	.30	.67	.66	391	.44	.22	.21	73	70
7710	.31	.26	.94	451	.24	.70	.17	225	54
7740	.28	.59	.37	388	.22	.15	.30	53	107
7770	.44	.71	.31	0	.22	.09	.17	20	38
7800	.20	.61	.28	362	.17	.11	.16	55	80
7830	.40	.67	.39	359	.26	.13	.20	32	50
7870	.68	.70	.20	312	.14	.06	.14	8	20
7890	.31	.71	.17	311	.12	.05	.18	16	58
7920	.28	.59	.27	332	.16	.11	.19	39	67
7980	.35	.10	1.47	451	.15	1.32	.16	377	45
8010	.17	.69	.32	446	.22	.10	.22	58	129
8040	.32	.70	.54	359	.38	.16	.38	50	118
8070	.28	.72	.29	368	.21	.08	.11	28	39
8100	.92	.80	.15	306	.12	.03	.10	3	10
8130	.50	.89	.18	306	.16	.02	.08	4	16
8160	2.22	.67	.12	312	.08	.04	.16	1	7
8190	2.95	.65	.17	356	.11	.06	.25	2	8
8220	4.81	.04	9.30	436	.38	8.92	.38	185	7
8250	3.83	.60	.10	442	.06	.04	.30	1	7
8280	3.76	.54	.13	422	.07	.06	.41	1	10
8310	4.16	1.00	.03	0	.03	.00	.25	0	6
8340	2.98	.50	.12	306	.06	.06	.23	2	7
8370	1.72	1.00	.05	0	.05	.00	.13	0	7
8400	1.37	.86	.07	0	.06	.01	.13	0	9
8430	2.26	.75	.04	0	.03	.01	.12	0	5
8460	2.01	1.00	.03	0	.03	.00	.17	0	8
8490	1.92	1.00	.01	0	.01	.00	.14	0	7
8520	2.66	.57	.07	341	.04	.03	.13	1	4
8550	2.24	.60	.05	334	.03	.02	.16	0	7
8580	3.07	1.00	.04	0	.04	.00	.21	0	6
8610	3.18	1.00	.03	0	.03	.00	.17	0	5
8640	3.39	.75	.04	0	.03	.01	.25	0	7
8670	2.85	.00	.01	0	.00	.01	.15	0	5
8700	2.98	.00	.01	0	.00	.01	.15	0	5
8730	1.89	.00	.01	0	.00	.01	.11	0	5
8760	2.06	.54	.13	354	.07	.06	.16	2	7
8790	2.74	1.00	.02	0	.02	.00	.18	0	6
8820	2.79	.75	.04	307	.03	.01	.17	0	6
8850	3.01	.50	.02	0	.01	.01	.18	0	5



Inexco Mallard YT O-18 010440 300 .50									
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
8880	2.57	.05	.21	426	.01	.20	.15	7	5
8910	1.31	.67	.06	432	.04	.02	.08	1	6
8940	1.05	1.00	.04	0	.04	.00	.10	0	9
8970	1.31	.75	.04	0	.03	.01	.11	0	8
9000	.78	.78	.09	0	.07	.02	.09	2	11
9030	.57	.80	.05	422	.04	.01	.16	1	28
9060	1.02	.76	.17	0	.13	.04	.18	3	17
9090	.35	.57	.07	302	.04	.03	.17	8	48
9120	.36	.54	.13	306	.07	.06	.16	16	44
9150	.48	.62	.21	323	.13	.08	.21	16	43
9180	.21	.57	.14	302	.08	.06	.20	28	95
9180	2.45	.01	1.20	414	.01	1.19	1.08	48	44
9210	.42	.58	.12	0	.07	.05	.15	11	35
9240	.77	.71	.24	0	.17	.07	.16	9	20
9270	.79	.73	.15	302	.11	.04	.22	5	27
9300	.70	.69	.16	382	.11	.05	.16	7	22
9330	.44	.78	.09	310	.07	.02	.14	4	31
9360	.62	.67	.03	312	.02	.01	.09	1	14
9390	.85	1.00	.04	0	.04	.00	.12	0	14
9420	.59	.75	.04	309	.03	.01	.09	1	15
9450	.25	.79	.42	320	.33	.09	.15	36	60
9480	9.25	.50	32.70	346	16.51	16.19	13.95	175	150
9510	.31	.46	.28	345	.13	.15	.91	48	293
9540	.29	.62	.29	353	.18	.11	.18	37	62
9570	.82	.73	.62	0	.45	.17	1.13	20	137
9600	.70	.69	.29	336	.20	.09	.24	12	34
9660	.80	.48	.87	423	.42	.45	.27	56	33
9690	14.54	.35	51.02	344	17.77	33.25	29.73	228	204
9720	.65	.58	.48	420	.28	.20	.33	30	50
9750	2.74	.67	.40	331	.27	.13	.38	4	13
9780	.71	.59	1.03	421	.61	.42	1.18	59	166
9810	.45	.55	.60	388	.33	.27	.34	60	75
9840	.32	.64	.53	361	.34	.19	.26	59	81
9870	.29	.22	.81	436	.18	.63	.18	217	62
9900	.28	.58	.19	412	.11	.08	.15	28	53
9930	5.54	.34	28.88	438	9.73	19.15	7.89	345	142
9960	.37	.74	.31	387	.23	.08	.29	21	78
9990	.20	.73	.11	337	.08	.03	.21	15	105
10020	.21	.67	.15	311	.10	.05	.18	23	85
10050	.74	.42	.84	433	.35	.49	.87	66	117
10080	.23	.50	.18	361	.09	.09	.17	39	73
10110	.28	.55	.22	341	.12	.10	.16	35	57
10140	.13	.67	.12	0	.08	.04	.18	30	138
10170	.66	.79	.19	0	.15	.04	.14	6	21
10200	.54	.33	.45	439	.15	.30	.17	55	31
10230	.65	.68	.22	384	.15	.07	.18	10	27
10260	.29	.67	.12	312	.08	.04	.19	13	65
10290	.61	.36	1.15	437	.41	.74	.23	121	37

Inexco Mallard YT O-18 010440 300 .50									
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
10320	.47	.63	.48	390	.30	.18	.37	38	78
10350	.45	.55	.42	423	.23	.19	.26	42	57
10380	.46	.66	.29	335	.19	.10	.18	21	39
10410	.32	.46	.35	429	.16	.19	.16	59	50
10440	.43	.60	.20	363	.12	.08	.14	18	32
Jungle Creek Fm			-15F						
Ettrain Fm			-866						
Blackie Fm			-1351						
Ford Lake Sh			-3401						
Ford Lake Sh			-8085						

Inexco Husky Porcupine G-31					0 8700 300 .50				
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
30F	1.02	.61	1.09	376	.67	.42	1.27	41	124
60	1.50	.71	.48	368	.34	.14	.32	9	21
90	1.53	.93	.27	309	.25	.02	.36	1	23
120	.75	.71	.41	0	.29	.12	1.20	16	160
150	.68	.88	.24	0	.21	.03	.34	4	50
180	.73	.43	.88	416	.38	.50	.09	68	12
210	.59	.58	.76	375	.44	.32	.45	54	76
240	.65	.76	.54	361	.41	.13	.16	20	24
270	.63	.69	.68	366	.47	.21	.21	33	33
300	.41	.77	.57	0	.44	.13	.10	31	24
330	.68	.67	.61	323	.41	.20	.11	29	16
360	.91	.75	.51	0	.38	.13	.10	14	10
390	.83	.77	.52	0	.40	.12	.11	14	13
420	.73	.73	.49	0	.36	.13	.56	17	76
450	.91	.66	.77	367	.51	.26	.41	28	45
480	1.31	.68	.72	362	.49	.23	.17	17	12
510	.67	.68	.60	347	.41	.19	.11	28	16
540	.68	.63	.95	355	.60	.35	.16	51	23
570	.82	.69	.90	0	.62	.28	.14	34	17
600	1.04	.71	.89	315	.63	.26	.14	25	13
630	1.34	.65	.79	366	.51	.28	.13	20	9
660	.86	.67	.48	368	.32	.16	.14	18	16
690	.88	.65	.78	357	.51	.27	.16	30	18
720	1.06	.70	.77	355	.54	.23	.13	21	12
750	.93	.71	.80	355	.57	.23	.11	24	11
780	.88	.71	1.01	315	.72	.29	.13	32	14
810	1.02	.64	.78	315	.50	.28	.26	27	25
840	.81	.66	.90	0	.59	.31	.11	38	13
870	1.52	.64	1.02	367	.65	.37	.16	24	10
900	.94	.69	1.21	363	.84	.37	.13	39	13
930	.54	.73	.67	383	.49	.18	.12	33	22
960	.68	.64	3.62	391	2.33	1.29	.52	189	76
990	.28	.63	.86	0	.54	.32	.14	114	50
1030	.66	.65	1.20	367	.78	.42	.20	63	30
1050	.69	.66	1.02	364	.67	.35	.13	50	18
1080	.83	.67	1.32	364	.88	.44	.16	53	19
1120	.62	.64	1.60	365	1.03	.57	.18	91	29
1140	1.64	.66	.85	369	.56	.29	.18	17	10
1170	1.54	.73	.73	329	.53	.20	.11	12	7
1200	.62	.76	3.68	354	2.80	.88	.20	141	32
1230	.42	.60	2.25	370	1.35	.90	.24	214	57
1260	.59	.72	4.87	358	3.49	1.38	.31	233	52
1290	.43	.70	3.47	367	2.42	1.05	.27	244	62
1320	.35	.62	2.17	359	1.35	.82	.31	234	88
1380	.24	.65	1.28	381	.83	.45	.18	187	75
1410	.53	.69	1.18	372	.81	.37	.18	69	33
1440	1.77	.60	.75	379	.45	.30	.31	16	17
1470	.71	.49	1.22	371	.60	.62	.24	87	33

Inexco Husky Porcupine G-31				0 8700 300 .50					
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
1500	.38	.66	1.03	317	.68	.35	.16	92	42
1500	.72	.59	.70	364	.41	.29	.24	40	33
1530	.36	.56	2.58	375	1.45	1.13	.34	313	94
1590	.49	.58	2.21	382	1.28	.93	.29	189	59
1590	1.11	.60	1.56	376	.94	.62	.33	55	29
1620	.85	.69	1.67	373	1.15	.52	.31	61	36
1680	.49	.61	1.83	381	1.12	.71	.34	144	69
1710	.50	.61	1.97	385	1.20	.77	.37	154	74
1740	.80	.64	4.45	401	2.83	1.62	.47	202	58
1770	.63	.61	2.90	394	1.78	1.12	.60	177	95
1800	.56	.61	2.49	397	1.52	.97	.45	173	80
1830	.55	.60	2.64	398	1.59	1.05	.38	190	69
1860	.54	.64	1.78	383	1.14	.64	.27	118	50
1890	.53	.63	1.87	366	1.17	.70	.31	132	58
1920	.43	.67	1.92	385	1.28	.64	.43	148	100
1950	.50	.66	1.89	382	1.24	.65	.30	130	60
2000	.81	.76	4.17	368	3.18	.99	.36	122	44
2040	.63	.63	2.58	381	1.63	.95	.41	150	65
2070	.55	.59	2.33	389	1.38	.95	.38	172	69
2100	.43	.58	1.13	391	.65	.48	.27	111	62
2130	.54	.55	1.58	385	.87	.71	.27	131	50
2160	.57	.58	2.31	381	1.35	.96	.32	168	56
2190	.38	.61	1.48	380	.91	.57	.22	150	57
2220	.45	.59	1.43	382	.84	.59	.26	131	57
2250	.71	.55	.49	349	.27	.22	.25	30	35
2280	.46	.65	.40	328	.26	.14	.15	30	32
2310	.64	.63	1.10	373	.69	.41	.17	64	26
2340	.66	.64	1.79	378	1.14	.65	.30	98	45
2370	.70	.61	2.61	392	1.58	1.03	.42	147	59
2400	.55	.59	1.74	398	1.02	.72	.41	130	74
2430	.41	.68	.74	379	.50	.24	.23	58	56
2460	.75	.72	2.18	382	1.57	.61	.29	81	38
2490	.78	.60	1.39	376	.83	.56	.26	71	33
2520	.27	.49	.45	388	.22	.23	.17	85	62
2550	.40	.57	1.41	382	.80	.61	.26	152	65
2580	.55	.61	1.91	376	1.16	.75	.40	136	72
2610	.54	.67	1.31	323	.88	.43	.19	79	35
2640	.40	.72	1.03	0	.74	.29	.12	72	30
2670	.42	.60	1.54	315	.93	.61	.20	145	47
2700	.46	.55	1.48	387	.81	.67	.23	145	50
2820	.33	.59	1.21	364	.71	.50	.34	151	103
2850	.48	.60	1.22	375	.73	.49	.25	102	52
2880	.68	.59	1.49	387	.88	.61	.30	89	44
2910	.59	.60	1.86	374	1.11	.75	.58	127	98
2940	.50	.61	1.32	379	.81	.51	.21	102	42
2970	.43	.47	.80	384	.38	.42	.15	97	34
3000	.28	.58	.91	0	.53	.38	.20	135	71
3030	.33	.52	1.22	381	.64	.58	.21	175	63

Inexco Husky Porcupine G-31					0 8700 300 .50				
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
3060	.18	.60	.67	346	.40	.27	.17	150	94
3090	.59	.64	.44	0	.28	.16	.10	27	16
3120	.34	.66	.41	0	.27	.14	.14	41	41
3150	.27	.57	.54	377	.31	.23	.14	85	51
3180	.23	.54	.90	0	.49	.41	.14	178	60
3210	.16	.61	.67	356	.41	.26	.12	162	75
3240	3.26	.68	.25	0	.17	.08	.32	2	9
3270	2.29	.58	.26	320	.15	.11	.28	4	12
3300	.58	.55	.51	305	.28	.23	.16	39	27
3330	.34	.53	.72	365	.38	.34	.18	100	52
3360	.60	.50	.52	375	.26	.26	.24	43	40
3390	.23	.57	.74	360	.42	.32	.26	139	113
3420	.37	.58	1.06	339	.61	.45	.21	121	56
3450	.25	.43	.37	342	.16	.21	.14	84	55
3480	.29	.54	.95	387	.51	.44	.18	151	62
3510	.55	.64	.87	312	.56	.31	.17	56	30
3540	.29	.45	.65	351	.29	.36	.21	124	72
3570	.15	.52	.56	322	.29	.27	.11	180	73
3600	.37	.65	1.34	300	.87	.47	.21	127	56
3630	.24	.75	1.68	311	1.26	.42	.18	175	75
3660	.21	.61	.33	335	.20	.13	.08	61	38
3690	.12	.60	.30	306	.18	.12	.05	100	41
3720	.14	.60	.42	303	.25	.17	.08	121	57
3750	.12	1.00	.04	0	.04	.00	.07	0	58
3780	.58	1.00	.05	0	.05	.00	.06	0	10
3810	.35	.75	.24	303	.18	.06	.11	17	31
3840	.41	.56	.45	335	.25	.20	.10	48	24
3870	.58	.50	.42	346	.21	.21	.12	36	20
3900	.37	.92	.13	0	.12	.01	.08	2	21
3930	.30	.46	.50	0	.23	.27	.07	90	23
3960	.01	1.00	.01	0	.01	.00	.04	0	400
3990	.09	.00	.01	0	.00	.01	.03	11	33
4020	.13	1.00	.07	0	.07	.00	.05	0	38
4050	.20	.71	.07	0	.05	.02	.06	10	30
4080	.12	.89	.09	0	.08	.01	.05	8	41
4110	.22	.79	.39	0	.31	.08	.08	36	36
4140	.10	1.00	.16	0	.16	.00	.08	0	80
4170	.12	1.00	.16	0	.16	.00	.06	0	50
4200	.74	.95	7.63	0	7.22	.41	.21	55	28
4230	.16	.84	.19	0	.16	.03	.10	18	62
4260	.07	.83	.06	0	.05	.01	.07	14	100
4290	.08	.27	.15	446	.04	.11	.06	137	75
4320	.16	.81	.26	420	.21	.05	.10	31	62
4350	.09	.79	.14	0	.11	.03	.12	33	133
4380	.09	.80	.15	0	.12	.03	.08	33	88
4410	.08	.79	.19	0	.15	.04	.08	50	100
4440	.08	.67	.12	0	.08	.04	.08	50	100
4470	.10	.67	.21	0	.14	.07	.07	70	70

Inexco Husky Porcupine G-31					0 8700 300 .50				
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
4500	.08	1.00	.07	0	.07	.00	.05	0	62
4530	.14	.69	.16	0	.11	.05	.04	35	28
4560	.13	.68	.19	0	.13	.06	.08	46	61
4590	.07	1.00	.05	0	.05	.00	.05	0	71
4620	.09	1.00	.06	0	.06	.00	.03	0	33
4650	.10	.82	.17	0	.14	.03	.05	30	50
4680	.11	.72	.18	385	.13	.05	.08	45	72
4710	.10	.80	.10	0	.08	.02	.04	20	40
4740	.09	1.00	.05	0	.05	.00	.04	0	44
4770	.07	1.00	.03	0	.03	.00	.04	0	57
4800	.11	1.00	.06	0	.06	.00	.06	0	54
4830	.15	.81	.26	0	.21	.05	.10	33	66
4860	.10	1.00	.10	0	.10	.00	.08	0	80
4870	.04	1.00	.04	0	.04	.00	.05	0	125
4920	.11	.91	.23	0	.21	.02	.16	18	145
4950	.12	1.00	.19	0	.19	.00	.09	0	75
4980	.07	1.00	.18	0	.18	.00	.06	0	85
5010	.07	1.00	.14	0	.14	.00	.06	0	85
5040	.12	1.00	.05	0	.05	.00	.04	0	33
5070	.04	1.00	.04	0	.04	.00	.07	0	174
5100	.05	1.00	.22	0	.22	.00	.07	0	140
5130	.08	1.00	.21	0	.21	.00	.08	0	100
5160	.11	.88	.25	357	.22	.03	.38	27	345
5190	.19	1.00	.11	0	.11	.00	.09	0	47
5220	.13	1.00	.16	0	.16	.00	.05	0	38
5250	.21	.87	.45	0	.39	.06	.19	28	90
5280	.05	1.00	.02	0	.02	.00	.04	0	80
5310	.06	1.00	.06	0	.06	.00	.03	0	50
5340	.07	1.00	.10	0	.10	.00	.06	0	85
5370	.10	1.00	.04	0	.04	.00	.02	0	20
5400	.13	1.00	.08	0	.08	.00	.03	0	23
5430	.14	1.00	.25	0	.25	.00	.23	0	164
5460	.18	.65	.52	380	.34	.18	.55	100	305
5490	.12	1.00	.14	0	.14	.00	.11	0	91
5520	.04	1.00	.07	0	.07	.00	.05	0	125
5550	.15	1.00	.11	0	.11	.00	.08	0	53
5580	.05	1.00	.05	0	.05	.00	.04	0	80
5610	.14	.00	.01	0	.00	.01	.12	7	85
5640	.09	.87	.08	0	.07	.01	.05	11	55
5670	.01	1.00	.01	0	.01	.00	.06	0	600
5700	.01	1.00	.02	0	.02	.00	.02	0	200
5730	.01	1.00	.08	0	.08	.00	.02	0	200
5760	.09	1.00	.07	0	.07	.00	.04	0	44
5790	.01	1.00	.05	0	.05	.00	.05	0	500
5820	.01	1.00	.02	0	.02	.00	.08	0	800
5850	.07	.69	.55	0	.38	.17	.17	242	242
5880	.01	.00	.01	0	.00	.01	.08	100	800
5910	.06	1.00	.05	0	.05	.00	.08	0	133

Inexco Husky Porcupine G-31

0 8700 300 .50

DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
5940	.06	1.00	.05	0	.05	.00	.05	0	83
5970	.12	.83	.06	0	.05	.01	.11	8	91
6000	.03	1.00	.05	0	.05	.00	.06	0	200
6030	.01	1.00	.04	0	.04	.00	.03	0	300
6060	.05	.92	.25	0	.23	.02	.37	40	740
6090	.07	.44	.16	367	.07	.09	.67	128	957
6120	.16	.67	.15	332	.10	.05	.15	31	93
6150	.22	.73	.70	372	.51	.19	.64	86	290
6180	.82	.66	3.01	332	2.00	1.01	2.43	123	296
6210	.02	.89	.09	335	.08	.01	.34	501	700
6240	.13	.81	.54	304	.44	.10	.75	76	576
6270	.52	.72	1.36	399	.98	.38	.98	73	188
6300	.04	.50	.10	375	.05	.05	.27	125	675
6330	.04	.87	.08	0	.07	.01	.33	25	825
6360	.03	1.00	.08	0	.08	.00	.14	0	466
6390	.01	1.00	.08	0	.08	.00	.13	0	1300
6420	.02	.85	.13	0	.11	.02	.26	100	1300
6450	.08	.95	.20	0	.19	.01	.16	12	200
6480	.13	.73	.98	341	.72	.26	.60	200	461
6510	.03	.59	.17	406	.10	.07	.48	233	1600
6540	.01	.87	.08	0	.07	.01	.11	100	1100
6570	.03	1.00	.08	0	.08	.00	.10	0	333
6600	.01	1.00	.01	0	.01	.00	.06	0	600
6630	.02	1.00	.15	0	.15	.00	.10	0	500
6660	.45	.38	2.13	340	.82	1.31	1.59	291	353
6690	.11	.31	.39	346	.12	.27	1.01	245	918
6720	.08	.83	.46	392	.38	.08	.60	100	750
6750	.04	.67	.03	0	.02	.01	.58	251	450
6780	.06	.81	.43	337	.35	.08	.44	133	733
6810	.13	.66	.80	358	.53	.27	.58	207	446
6840	.02	1.00	.07	0	.07	.00	.44	0	2200
6870	.01	1.00	.05	0	.05	.00	.11	0	1100
6900	.01	1.00	.03	0	.03	.00	.05	0	500
6930	.01	1.00	.02	0	.02	.00	.09	0	900
6960	.01	1.00	.02	0	.02	.00	.03	0	300
6990	.01	1.00	.01	0	.01	.00	.02	0	200
7020	.02	1.00	.11	0	.11	.00	.36	0	1800
7050	.01	1.00	.01	0	.01	.00	.08	0	800
7080	.01	1.00	.03	0	.03	.00	.04	0	400
7110	.01	.89	.09	0	.08	.01	.10	100	1000
7140	.01	.94	.16	0	.15	.01	.09	100	900
7170	.05	.95	.57	0	.54	.03	.15	60	300
7200	.01	1.00	.10	0	.10	.00	.10	0	1000
7230	.01	1.00	.02	0	.02	.00	.03	0	300
7260	.02	1.00	.05	0	.05	.00	.05	0	250
7290	.09	.94	.18	368	.17	.01	.51	11	566
7320	.03	1.00	.03	0	.03	.00	.07	0	233
7350	.05	1.00	.06	0	.06	.00	.15	0	300

Inexco Husky Porcupine G-31					0 8700 300 .50				
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI
*****	*****	****	*****	****	*****	*****	*****	***	***
7380	.02	1.00	.03	0	.03	.00	.05	0	250
7410	.25	.74	1.73	413	1.28	.45	.27	180	108
7440	.01	1.00	.01	0	.01	.00	.05	0	500
7470	.04	1.00	.14	0	.14	.00	.09	0	225
7500	3.08	.40	4.55	451	1.82	2.73	.31	88	10
7530	.01	1.00	.05	0	.05	.00	.06	0	600
7560	.03	1.00	.05	0	.05	.00	.05	0	166
7590	.01	1.00	.01	0	.01	.00	.03	0	300
7620	.01	1.00	.04	0	.04	.00	.07	0	699
7650	.01	1.00	.03	0	.03	.00	.12	0	1200
7710	.01	1.00	.01	0	.01	.00	.05	0	500
7740	.01	.00	.01	0	.00	.01	.03	100	300
7770	.01	1.00	.01	0	.01	.00	.02	0	200
7800	.04	1.00	.02	0	.02	.00	.10	0	250
7830	.01	1.00	.02	0	.02	.00	.05	0	500
7860	.01	1.00	.02	0	.02	.00	.04	0	400
7890	.01	1.00	.03	0	.03	.00	.07	0	699
7920	.01	1.00	.02	0	.02	.00	.04	0	400
7950	.04	.95	.43	0	.41	.02	.15	50	375
7980	.01	1.00	.02	0	.02	.00	.03	0	300
8010	.02	1.00	.02	0	.02	.00	.04	0	200
8040	.03	1.00	.11	0	.11	.00	.07	0	233
8070	.04	1.00	.02	0	.02	.00	.03	0	75
8100	2.41	.05	1.13	412	.06	1.07	1.07	44	44
8130	.06	.75	.04	365	.03	.01	.04	16	66
8160	.15	.80	.05	0	.04	.01	.05	6	33
8190	.10	.77	.30	326	.23	.07	.15	70	150
8220	.06	.92	.12	0	.11	.01	.41	16	683
8250	.03	.67	.09	0	.06	.03	.05	100	166
8280	.01	.75	.04	0	.03	.01	.04	100	400
8310	.01	.50	.04	0	.02	.02	.02	200	200
8340	.01	.80	.05	0	.04	.01	.04	100	400
8370	.01	.40	.05	0	.02	.03	.04	300	400
8400	.01	.00	.01	0	.00	.01	.01	100	100
8430	.01	1.00	.03	0	.03	.00	.01	0	100
8460	.01	1.00	.04	0	.04	.00	.03	0	300
8490	.01	1.00	.01	0	.01	.00	.01	0	100
8520	.01	.00	.01	0	.00	.01	.01	100	100
8550	2.41	.03	1.20	415	.04	1.16	1.00	48	41
8580	.01	1.00	.04	0	.04	.00	.08	0	800
8610	.01	1.00	.01	0	.01	.00	.03	0	300
8640	.01	1.00	.05	0	.05	.00	.02	0	200
8670	.09	.68	.41	347	.28	.13	.69	144	766
8700	2.52	.03	1.25	416	.04	1.21	1.01	48	40

Devonian -15F  
Ogilvie/Road R. -3198  
Arnica Fm -4093



Inexco Husky Porcupine G-31					0	8700	300	.50		
DEPTH	TOC	PI	S1+S2	TMAX	S1	S2	S3	HI	OI	
*****	*****	****	*****	****	*****	*****	*****	***	***	

Ronning Grp		-5461
Franklin Mt. Fm		-5727
Proterozoic		-8284

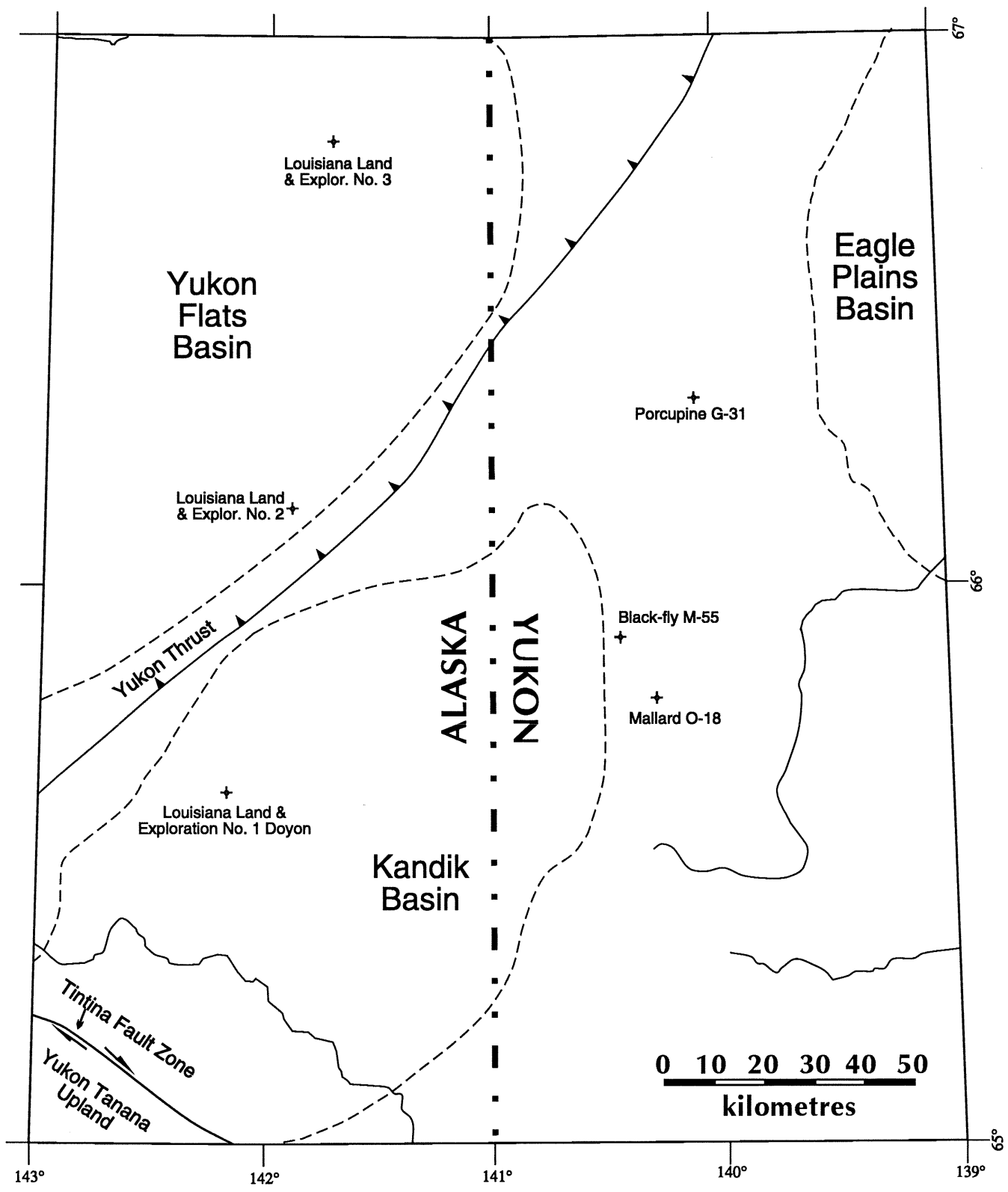


Figure 1

# Inexco Husky Amoco Blackfly M-55

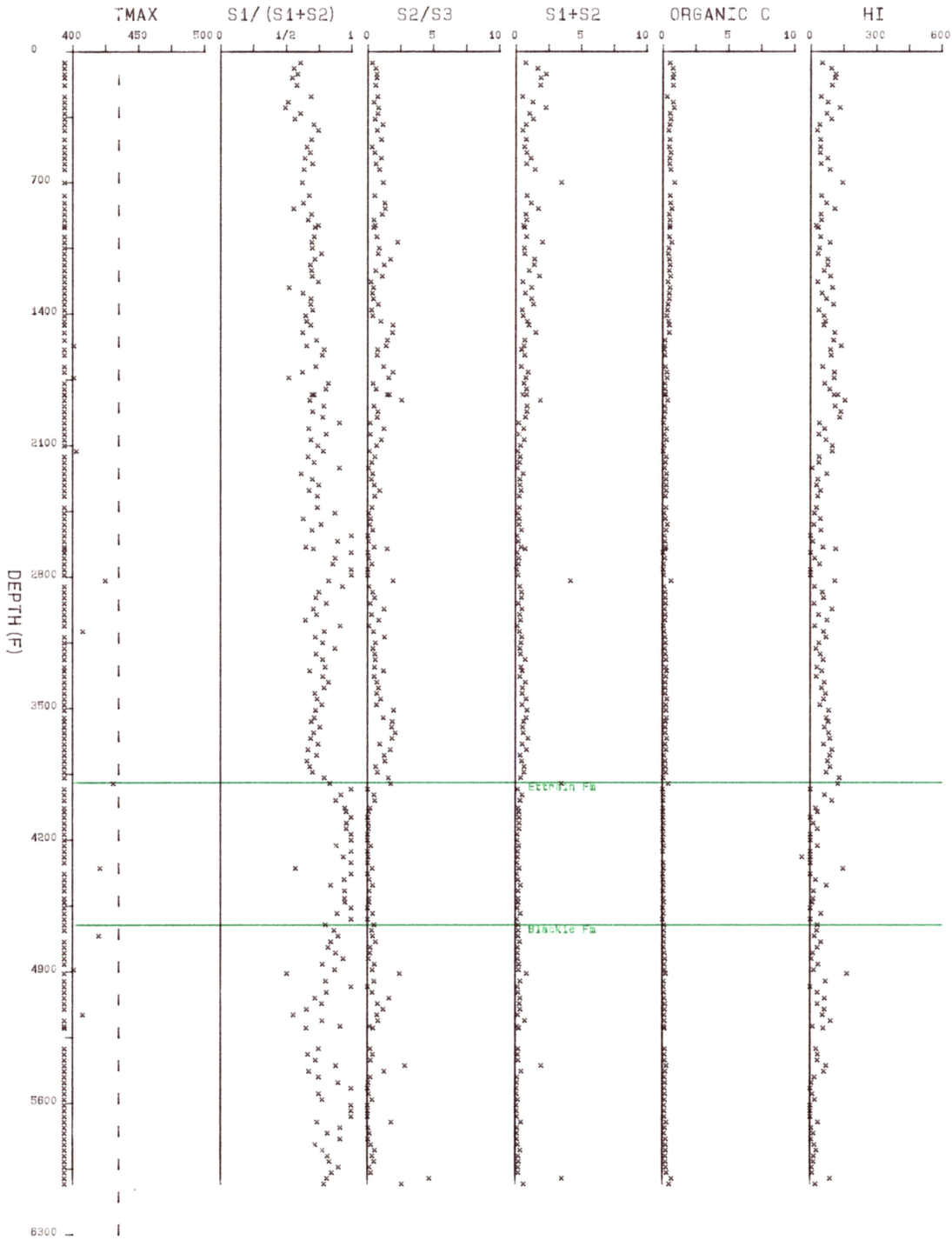


Figure 2a

Inexco Husky Amoco Blackfly M-55

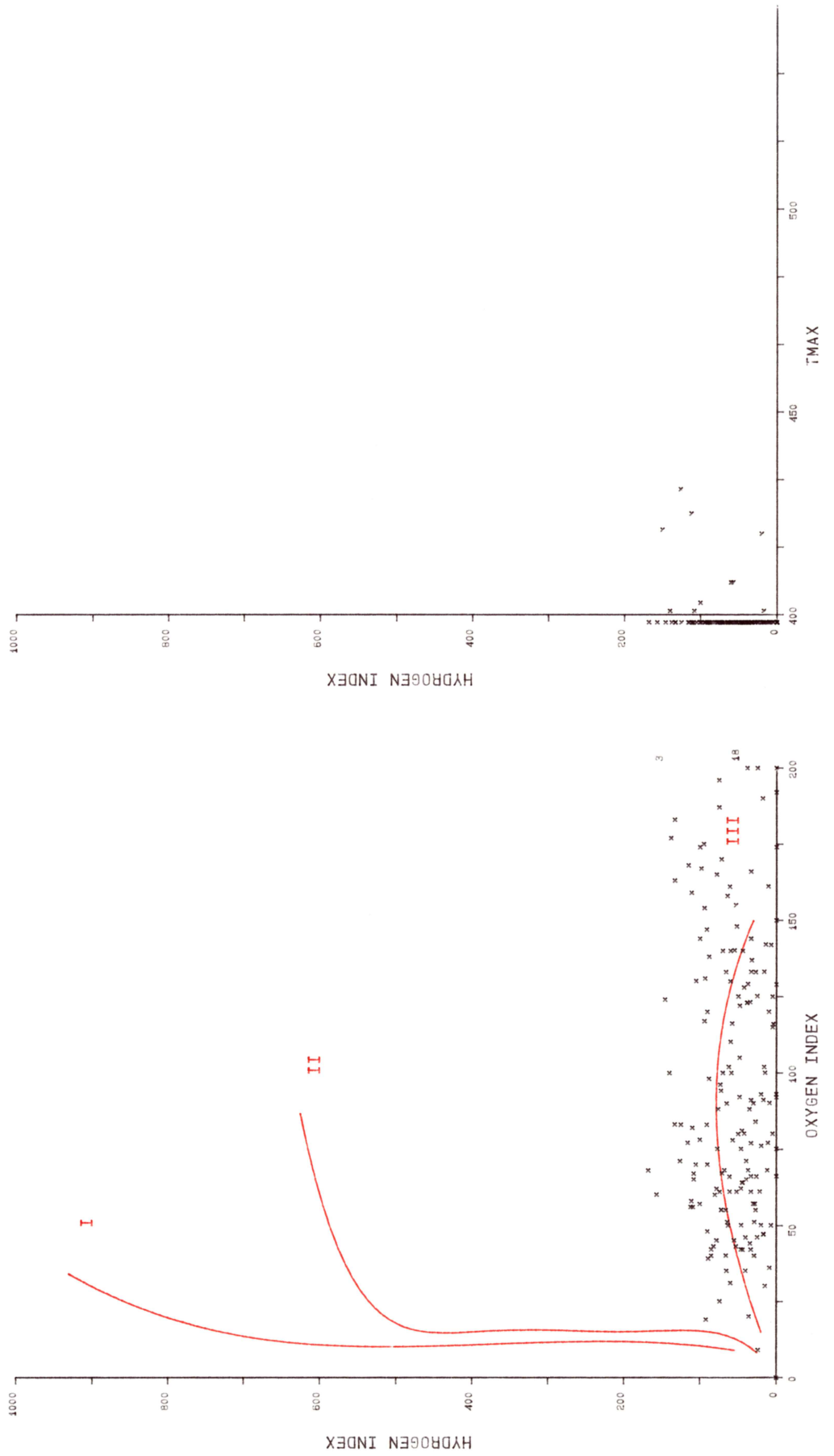


Figure 2b

# Inexco Mallard YT 0-18

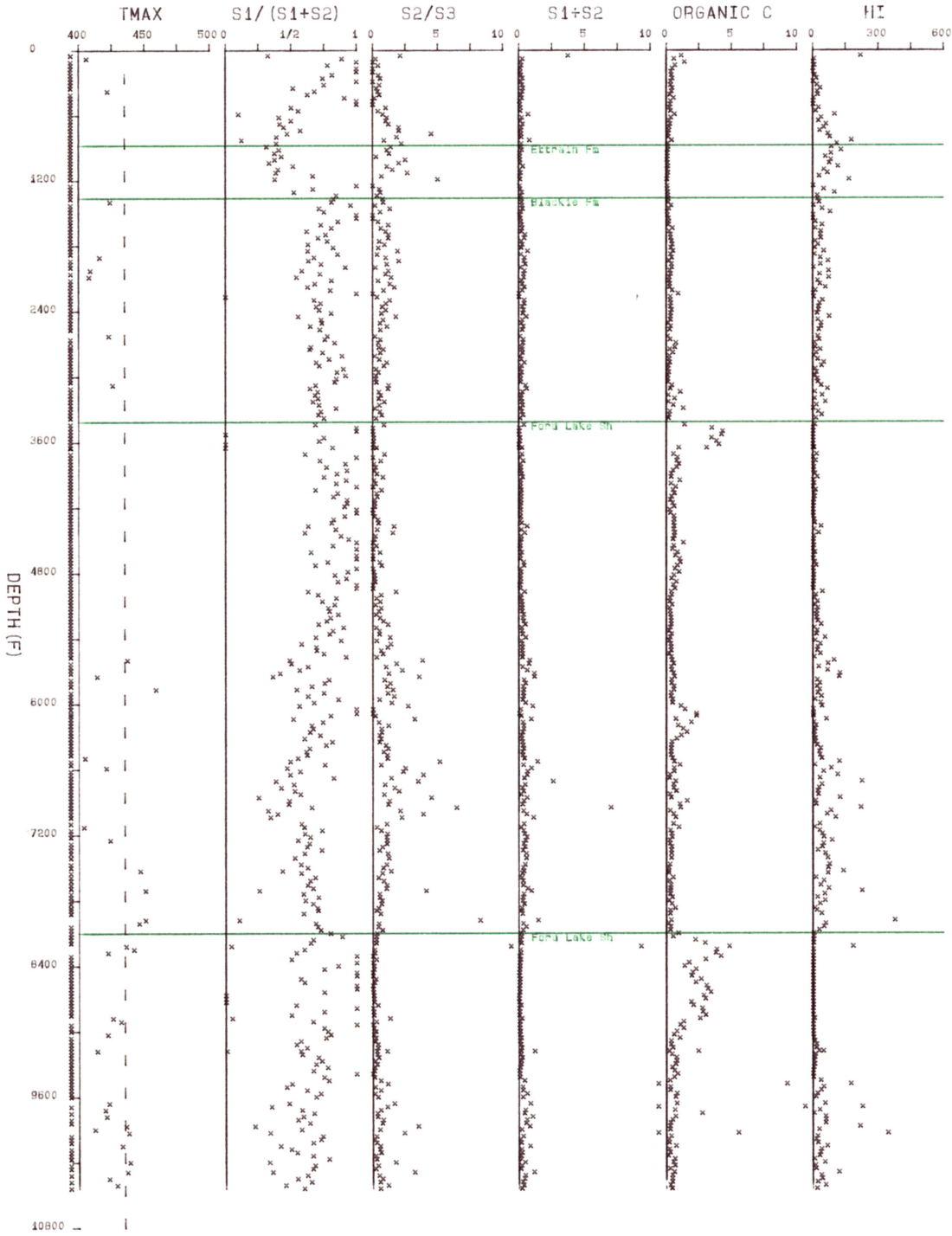


Figure 3a

Inexco Mallard YT 0-18

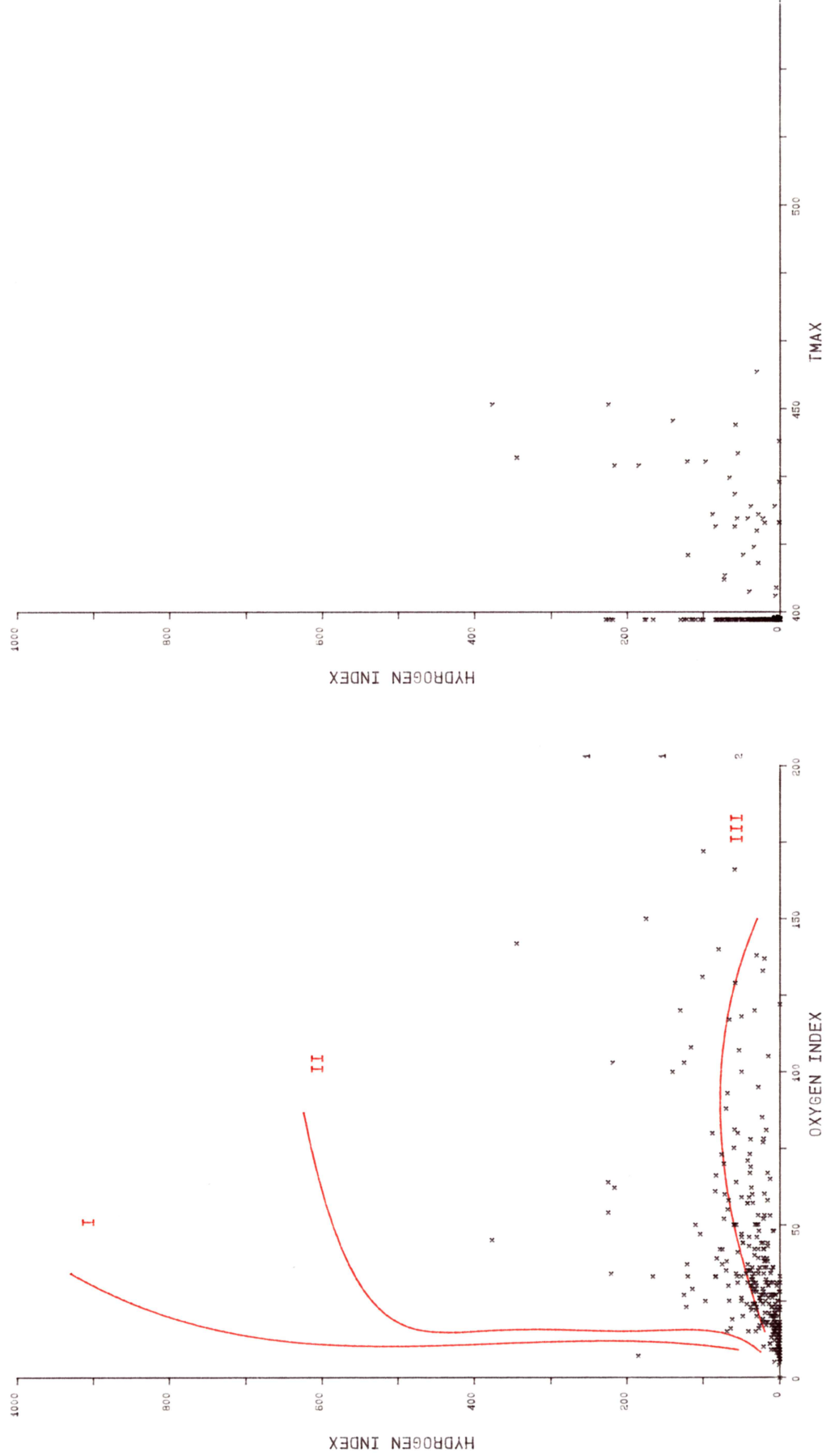


Figure 3b

# Inexco Husky Porcupine G-31

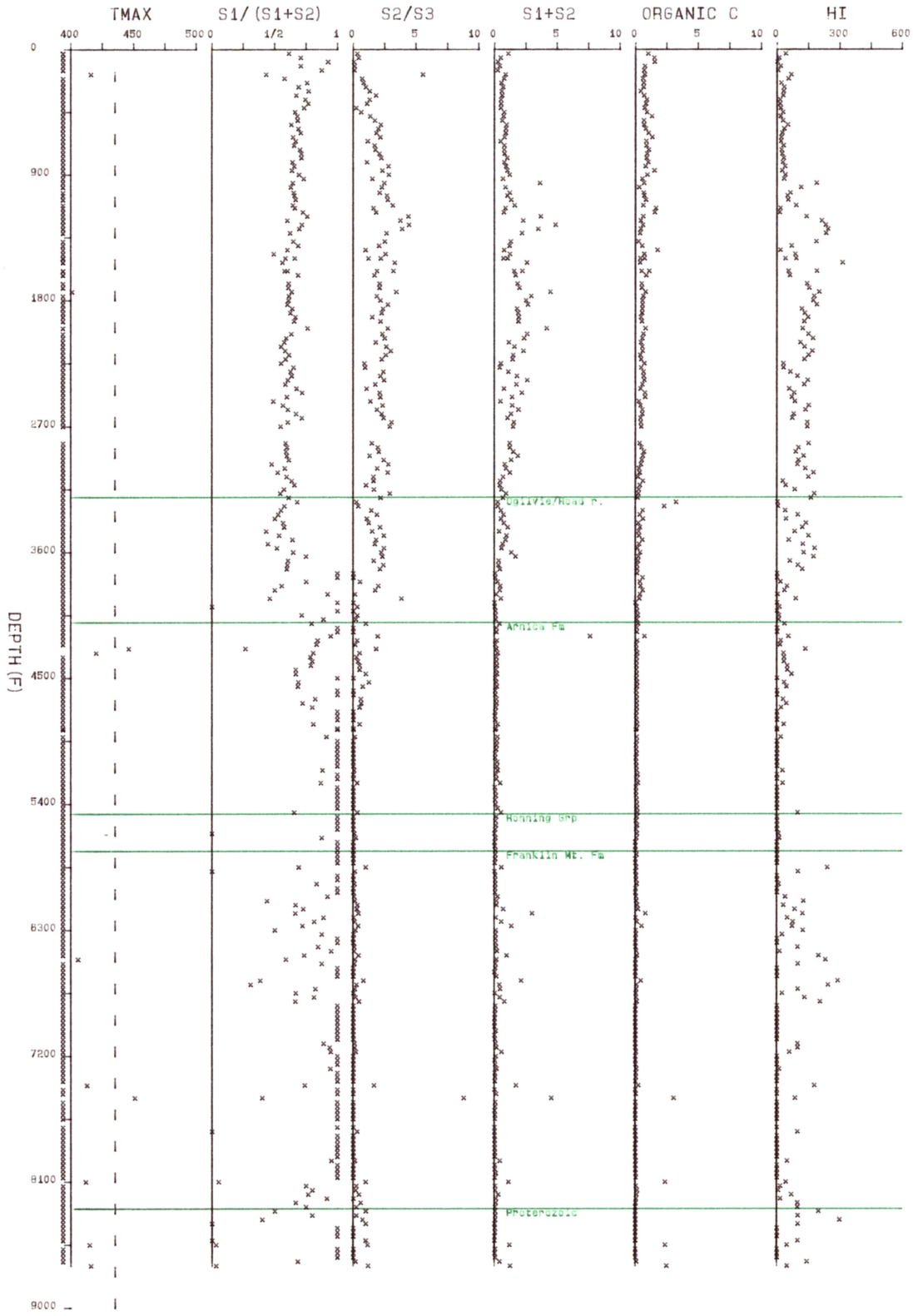


Figure 4a

Inexco Husky Porcupine G-31

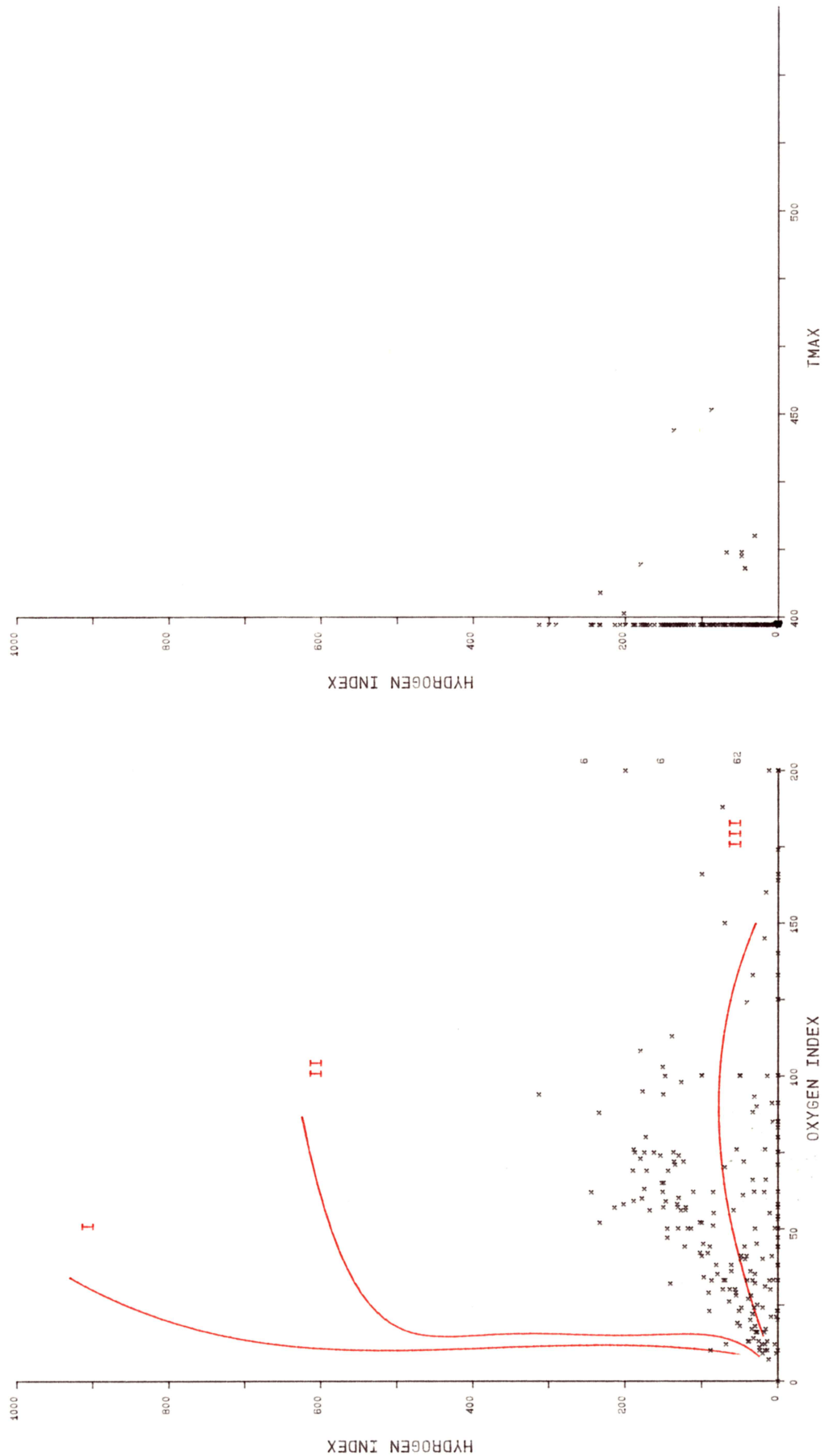


Figure 4b