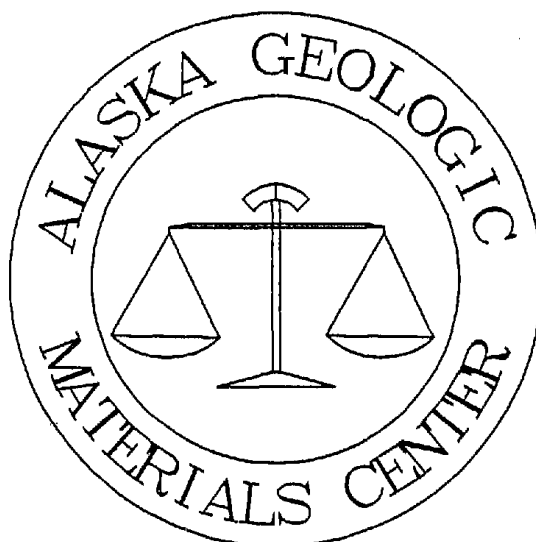


HRZ total organic carbon and rock-eval data from cuttings of the following Colville Basin and Arctic Foothills exploratory wells:

ARCO Alaska Inc. Pipeline State No. 1 (10,030' - 10,150'),  
Atlantic Richfield Co. Itkillik River Unit No. 1 (7,570' - 7,820'),  
Atlantic Richfield Co. Nora Fed No. 1 (12,180' - 12,360'),  
Atlantic Richfield Co. Toolik Fed No. 1 (9,120' - 9,250'),  
BP Exploration (Alaska) Inc. [Forest] Kemik Unit No. 1 (2,800' - 3,410'),  
Forest Oil Corporation Lupine Unit No. 1 (10,980' - 11,130'),  
Home Oil Company Bush Fed No. 1 (10,850' - 11,060'),  
McCulloch Oil Company Fin Creek Unit No. 1 (9,980' - 10,220'),



Mobil Oil Corporation Echooka Unit No. 1 (12,450' - 12,640'),  
Texaco Inc. West Kavik Unit No. 1 (12,030' - 12,300'),  
Texaco Inc. Wolfbutton 25-6-9 (9,210' - 9,360'), and  
Texaco Inc. Wolfbutton 32-7-8 (8,400' - 8,640').

APPENDIX I HRZ Rock Eval Data for Colville Basin Wells

WELL NAME	DEPTH*	TMAX	S1	S2	TOC	Hydrogen	Oxygen
						Index	Index
						HI	OI
Toolik Fed. 1	9120.0 - 9, 160'	427	2.37	23.82	9.94	2	34
Toolik Fed. 1	9160.0 - 9, 200'	430	1.58	17.62	6.43	274	34
Toolik Fed. 1	9200.0 - 9, 250'	429	1.34	13.81	6.12	226	38
Mobil Echooka	12510.0 - 12, 530'	426	0.65	1.42	2.74	52	29
Mobil Echooka	12450.0 - 12, 480'	425	0.53	1.74	1.91	91	23
Mobil Echooka	12580.0 - 12, 600'	432	0.91	1.19	2.16	55	28
Mobil Echooka	12620.0 - 12, 640'	424	0.71	1.99	2.16	92	27
Nora Federal 1	12180.0 - 12, 240'	456	0.47	0.47	1.72	27	26
Nora Federal 1	12240.0 - 12, 300'	450	1.23	1.66	5.67	29	34
Nora Federal 1	12300.0 - 12, 360'	477	1.09	1.15	3.90	29	28
BP Wolfbutton <sup>32-7-8</sup> 32-6-9	8400.0 - 84, 30'	434	0.64	3.56	1.58	226	34
BP Wolfbutton <sup>32-7-8</sup> 32-6-9	8460.0 - 84, 90'	437	1.16	8.83	2.88	307	25
BP Wolfbutton <sup>32-7-8</sup> 32-6-9	8550.0 - 85, 80'	438	1.19	10.46	3.38	309	23
BP Wolfbutton <sup>32-7-8</sup> 32-6-9	8610.0 - 86, 40'	440	1.00	7.09	2.63	270	25
Texaco W. <sup>Kavik</sup> Kornik #1	12030.0 - 12, 150'	434	0.38	1.76	1.68	106	32
Texaco W. <sup>Kavik</sup> Kornik #1	12180.0 - 12, 300'	433	0.79	2.71	2.59	105	50
BP Wolfbutton 25-6-9	9210.0 - 9, 240'	441	1.88	8.72	3.43	254	38
BP Wolfbutton 25-6-9	9240.0 - 9, 270'	440	2.61	8.48	3.54	240	40
BP Wolfbutton 25-6-9	9150.0 - 9, 180'	439	1.67	4.96	2.03	244	49
BP Wolfbutton 25-6-9	9150.0 - 9, 180'	442	1.86	8.08	3.29	246	43
BP Wolfbutton 25-6-9	9180.0 - 9, 210'	438	1.67	6.53	3.05	215	40
BP Wolfbutton 25-6-9	9270.0 - 9, 300'	446	1.57	5.55	2.17	256	47
BP Wolfbutton 25-6-9	9300.0 - 9, 330'	443	2.22	7.26	2.61	278	43
BP Wolfbutton 25-6-9	9330.0 - 9, 360'	446	1.95	4.67	2.48	188	38
McCulloh Fin Creek	9980.0 - 10, 060'	453	0.66	0.47	1.56	30	40
McCulloh Fin Creek	10060.0 - 10, 140'	467	1.11	1.34	2.95	45	32
McCulloh Fin Creek	10140.0 - 10, 220'	476	1.55	1.75	3.93	45	31
Lupine	10980.0 - 11, 030'	488	1.30	0.28	1.99	14	40
Lupine	11030.0 - 11, 070'	426	1.23	0.26	2.85	9	39
Lupine	11070.0 - 11, 110'	487	1.30	0.31	1.93	16	39
Lupine	11110.0 - 11, 130'	427	0.73	0.21	1.49	14	57
ARCO Itkillik River	7570.0 - 76, 00'	431	0.58	1.32	0.97	136	83
ARCO Itkillik River	7630.0 - 76, 60'	432	0.67	1.98	1.31	151	57

APPENDIX I HRZ Rock Eval Data for Colville Basin Wells

WELL NAME	DEPTH*	TMAX	S1	S2	TOC	HI	OI
ARCO Itkillik River	7690.0 - 7720'	436	1.07	4.18	2.05	204	42
ARCO Itkillik River	7740.0 - 7770'	438	1.05	4.26	1.90	224	40
ARCO Itkillik River	7790.0 - 7820'	437	0.69	1.56	1.59	98	49
Kemik Unit 1	2800.0 - 2830'	439	2.23	3.80	3.97	96	13
Kemik Unit 1	2870.0 - 2900'	447	2.72	6.87	4.37	157	17
Kemik Unit 1	2940.0 - 2980'	445	2.08	4.30	3.86	111	14
Kemik Unit 1	3020.0 - 3050'	449	1.71	4.41	2.98	148	18
Kemik Unit 1	3100.0 - 3130'	446	1.71	3.93	3.19	123	18
Kemik Unit 1	3180.0 - 3210'	449	1.51	3.66	3.11	118	14
Kemik Unit 1	3250.0 - 3280'	449	1.57	4.42	3.75	118	11
Kemik Unit 1	3320.0 - 3350'	449	1.63	4.68	3.83	122	12
Kemik Unit 1	3380.0 - 3410'	446	1.75	4.15	3.83	109	13
Bush Federal #1	10850.0 - 10,880'	434	0.58	1.10	1.08	102	9
Bush Federal #1	10,880.0 - 10,910'	436	0.99	3.10	1.58	196	54
Bush Federal #1	10,910.0 - 10,940'	437	0.48	0.79	1.03	76	42
Bush Federal #1	10,940.0 - 10,970'	438	0.54	0.67	1.45	46	15
Bush Federal #1	10,970.0 - 11,000'	442	0.61	1.00	2.17	46	10
Bush Federal #1	11000.0 - 11,030'	444	0.50	0.73	1.75	42	10
Bush Federal #1	11,030.0 - 11,060'	441	0.50	0.85	1.70	50	7
Bush Federal #1	11,060.0 - 11,090'	442	0.65	0.94	2.29	41	9
ARCO Pipeline St. #1	10030.0 - 10,060'	439	0.43	1.05	1.47	71	44
ARCO Pipeline St. #1	10,060.0 - 10,090'	439	0.34	0.99	1.02	97	37
ARCO Pipeline St. #1	10,090.0 - 10,120'	443	0.70	1.58	2.09	76	18
ARCO Pipeline St. #1	10120.0 - 10,150'	445	1.17	3.39	4.13	82	12
ARCO Pipeline St. #1	10,150.0 - 10,180'	449	0.74	1.95	2.53	77	19