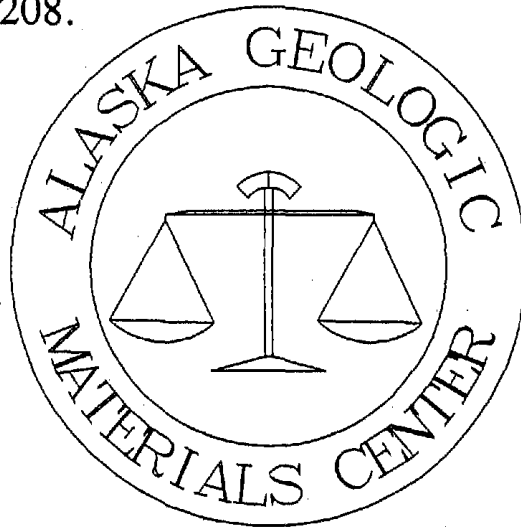


Rock-eval data with hydrocarbon index of samples from the following North Slope wells:

Atlantic Richfield Company Itkillik River Unit No. 1 cuttings (7,570' - 7,820'),  
Atlantic Richfield Company Nora Federal No. 1 cuttings (12,180' - 12,360'),  
Atlantic Richfield Company Toolik Federal No. 1 cuttings (9,120' - 9,250'),  
BP Exploration (Alaska) Inc. Kemik Unit No. 1 cuttings (2,800' - 3,410'),  
Forest Oil Corp. Lupine Unit No. 1 cuttings (10,980' - 11,030'),  
McCulloch Oil Company Fin Creek Unit No. 1 cuttings (9,980' - 10,220'),  
Mobil Oil Corp. Echooka Unit No. 1 cuttings (12,510' - 12,640'),  
Texaco Inc. West Kavik Unit No. 1 (12,030' - 12,300'),  
Texaco Inc. Wolfbutton 25-6-9 cuttings (9,150' - 9,360'), and  
Texaco Inc. Wolfbutton 32-7-8 cuttings (8,400' - 8,640').

See GMC Data Report No. 208.



Received early 1994; finalized Sept. 1994      Total of 1 page in report

**Alaska Geologic Materials Center Data Report No. 234**

reeder94

*Hydrocarbon Index  
(Feed)  
cuttings  
footage range (hr)*

WELL	T DEPTH	TOC	S1	S2	S3	TMAX	H	O	HC
	ft/m	%C	mgHC/gR	mgHC/gR	mgHC/gR		mgHC/gO	mgCO2/gO	mgHC/g
TOOLIK FEDERAL #1	9120	9.94	2.37	23.82	3.34	427	239.6	33.6	23.8
TOOLIK FEDERAL #1	9160	6.43	1.58	17.62	2.18	430	274	33.9	24.6
TOOLIK FEDERAL #1	9200	6.12	1.34	13.81	2.31	429	225.6	37.8	21.9
ECHOOKA	12510	2.74	0.65	1.42	0.8	426	51.8	29.2	23.7
ECHOOKA	12450	1.91	0.53	1.74	0.44	425	91.1	23	27.7
ECHOOKA	12580	2.16	0.91	1.19	0.61	432	55.1	28.2	42.1
ECHOOKA	12620	2.16	0.71	1.99	0.58	424	92.1	26.9	32.9
NORA FEDERAL #1	12180	1.72	0.47	0.47	0.45	456	27.3	26.2	27.3
NORA FEDERAL #1	12240	5.67	1.23	1.66	1.9	450	29.3	33.5	21.7
NORA FEDERAL #1	12300	3.9	1.09	1.15	1.1	477	29.5	28.2	27.9
WOLFBUTTON #32-7-8	8400	1.58	0.64	3.56	0.54	434	225.3	34.2	40.5
WOLFBUTTON #32-7-8	8460	2.88	1.16	8.83	0.71	437	306.6	24.6	40.3
WOLFBUTTON #32-7-8	8550	3.38	1.19	10.46	0.78	438	309.5	23.1	35.2
WOLFBUTTON #32-7-8	8610	2.63	1	7.09	0.66	440	269.6	25.1	38
W.KAVIK #1	12030	1.68	0.38	1.78	0.54	434	105.9	32.1	22.6
W.KAVIK #1 <sup>25</sup>	12180	2.59	0.79	2.71	1.29	433	104.6	49.8	30.5
WOLFBUTTON #26-6-9	9210	3.43	1.88	8.72	1.3	441	254.2	37.9	54.8
WOLFBUTTON #26-6-9	9240	3.54	2.61	8.48	1.4	440	239.6	39.5	73.7
WOLFBUTTON #25-6-9	9150	2.03	1.67	4.96	1	439	244.3	49.3	82.3
WOLFBUTTON #25-6-9	9150	3.29	1.86	8.08	1.41	442	245.6	42.9	56.5
WOLFBUTTON #25-6-9	9180	3.05	1.67	6.53	1.23	438	214.1	40.3	54.8
WOLFBUTTON #25-6-9	9270	2.17	1.57	5.55	1.02	446	255.8	47	72.3
WOLFBUTTON #25-6-9	9300	2.61	2.22	7.26	1.11	443	278.2	42.5	85.1
WOLFBUTTON #25-6-9	9330	2.48	1.95	4.67	0.95	446	188.3	38.3	78.6
MCCULLOCH FIN CREEK	9980	1.56	0.66	0.47	0.62	453	30.1	39.7	42.3
MCCULLOCH FIN CREEK	10060	2.95	1.11	1.34	0.96	467	45.4	32.5	37.6
MCCULLOCH FIN CREEK	10140	3.93	1.55	1.75	1.2	476	44.5	30.5	39.4
LUPINE	10980	1.99	1.3	0.28	0.79	488	14.1	39.7	65.3
LUPINE	11030	2.85	1.23	0.26	1.1	426	9.1	38.6	43.2
LUPINE	11070	1.93	1.3	0.31	0.76	487	16.1	39.4	67.4
LUPINE	11110	1.49	0.73	0.21	0.85	427	14.1	57	49
ITKILLIK RIVER	7570	0.97	0.58	1.32	0.81	431	136.1	83.5	59.8
ITKILLIK RIVER	7630	1.31	0.67	1.98	0.74	432	151.1	56.5	51.1
ITKILLIK RIVER	7690	2.05	1.07	4.18	0.86	436	203.9	42	52.2
ITKILLIK RIVER	7740	1.9	1.05	4.26	0.76	438	224.2	40	55.3
ITKILLIK RIVER	7790	1.59	0.69	1.56	0.78	437	98.1	49.1	43.4
KEMK	2800	3.97	2.23	3.8	0.53	439	95.7	13.4	56.2
KEMK	2870	4.37	2.72	6.87	0.73	447	157.2	16.7	62.2
KEMK	2940	3.86	2.08	4.3	0.55	445	111.4	14.3	53.9
KEMK	3020	2.98	1.71	4.41	0.54	449	148	18.1	57.4
KEMK	3100	3.19	1.71	3.93	0.58	446	123.2	18.2	53.6
KEMK	3180	3.11	1.51	3.66	0.42	449	117.7	13.5	48.6
KEMK	3250	3.75	1.57	4.42	0.42	449	117.9	11.2	41.9
KEMK	3320	3.83	1.63	4.68	0.45	449	122.2	11.8	42.6
KEMK	3380	3.83	1.75	4.15	0.49	446	108.4	12.8	45.7

*9120'-9160'  
9160'-9200'  
9200'-9250'  
12510'-12530'  
12450'-12480'  
12580'-12600'  
12620'-12640'  
12180'-12240'  
12240'-12300'  
12300'-12360'  
8400'-8430'  
8460'-8490'  
8550'-8580'  
8610'-8640'  
12030'-12150'  
12180'-12300'  
9210'-9240'  
9240'-9270'  
9150'-9180'  
9150'-9180'  
9180'-9210'  
9270'-9300'  
9300'-9330'  
9330'-9360'  
9980'-10060'  
10060'-10140'  
10140'-10220'  
10980'-11030'  
10030'-11070'  
11070'-11110'  
11110'-11130'  
7570'-7600'  
7630'-7660'  
7690'-7720'  
7740'-7770'  
7790'-7820'  
2800'-2830'  
2870'-2900'  
2940'-2980'  
3020'-3030'  
3100'-3130'  
3180'-3210'  
3250'-3280'  
3320'-3350'  
3380'-3410'*