

Total organic carbon and rock-eval pyrolysis data of cuttings from the
Texaco Inc. Tulugak No. 1 well

Received 16 March 1989

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Geologic Materials Center Data Report No. 117

Texaco Tulugak #1

DEPTH (FT.)	T.O.C. (PCT)	DEPTH (FT.)	T.O.C. (PCT)	DEPTH (FT.)	T.O.C. (PCT)	DEPTH (FT.)	T.O.C. (PCT)
150	.79	5080	1.11	9390	.81	13710	1.54
150	.79	5250	1.02	9570	.90	13890	1.51
330	.96	5250	1.02	9570	.90	13890	1.51
330	.96	5430	1.19	9750	1.13	14070	1.46
600	.83	5430	1.19	9750	1.13	14070	1.46
600	.83	5610	1.25	9750	1.13	14250	1.08
780	1.32	5610	1.25	9930	.94	14250	1.08
780	1.32	5790	1.04	9930	.94	14430	1.25
960	1.63	5790	1.04	10110	.94	14430	1.25
960	1.63	5970	.96	10110	.94	14610	1.04
1140	1.18	5970	.96	10290	.93	14610	1.04
1140	1.18	6150	1.26	10290	.93	14790	1.02
1310	1.59	6150	1.26	10470	1.55	14790	1.02
1310	1.59	6330	1.25	10470	1.55	14970	1.03
1490	3.00	6330	1.25	10650	1.13	14970	1.03
1490	3.00	6510	.95	10650	1.13	15240	.97
1670	.52	6510	.95	10830	1.25	15240	.97
1850	.53	6690	1.20	10830	1.25	15420	1.07
2030	.62	6690	1.20	11010	1.23	15420	1.07
2030	.62	6870	1.26	11010	1.23	15690	1.05
2210	.25	6870	1.26	11190	1.48	15690	1.05
2390	1.05	6870	1.26	11190	1.48	15990	.86
2390	1.05	7050	1.11	11370	1.28	15990	.86
2570	.35	7050	1.11	11370	1.28	16170	1.62
2750	.51	7230	1.18	11550	1.57	16170	1.62
2930	.53	7230	1.18	11550	1.57	16350	2.72
3100	.58	7410	1.23	11730	1.38	16350	2.72
3100	.58	7410	1.23	11730	1.38	16472	1.49
3280	.59	7590	1.46	11910	1.36	16472	1.49
3460	.87	7590	1.46	11910	1.36		
3460	.87	7770	1.10	12090	1.53		
3640	.74	7770	1.10	12090	1.53		
3640	.74	7950	.92	12270	1.45		
3820	.72	7950	.92	12270	1.45		
3820	.72	8130	1.05	12450	1.53		
4000	.92	8130	1.05	12450	1.53		
4000	.92	8310	.76	12630	1.55		
4180	.90	8310	.76	12630	1.55		
4180	.90	8490	1.09	12810	1.54		
4360	.90	8490	1.09	12810	1.54		
4360	.90	8670	.85	12990	1.25		
4540	.85	8670	.85	12990	1.25		
4540	.85	8850	.86	13170	1.40		
4720	1.08	8850	.86	13170	1.40		
4720	1.08	9030	.86	13350	1.47		
4900	1.21	9030	.86	13350	1.47		
4900	1.21	9210	.75	13530	1.65		
4900	1.21	9210	.75	13530	1.65		
5080	1.11	9390	.81	13710	1.54		

TABLE 10 - ROCK EVAL PYROLYSIS

TEXACO NO.1 TULUGAK

DEPTH (FT.)	GRP SORC	ANAL DATE YYMMDD	ANAL METH	S1 (MG/GRM)	S2 (MG/GRM)	S3 (MG/GRM)	HYDROGEN INDEX	OXYGEN INDEX	TRANSF. RATIO	TEMP. (CENT.)	TOC (PCT) R-E
150	GEOC	890213	REV3	.09	.42	1.48	53	187	.18	447	.79
330	GEOC	890213	REV3	.14	.49	.92	51	95	.23	424	.96
600	GEOC	890213	REV3	.09	.36	.37	43	44	.20	421	.83
780	GEOC	890213	REV3	.10	.78	3.93	59	297	.11	427	1.32
960	GEOC	890213	REV3	.16	1.75	2.65	107	162	.08	423	1.63
1140	GEOC	890213	REV3	.09	.73	3.24	61	274	.11	428	1.18
1310	GEOC	890213	REV3	.12	1.18	1.60	74	100	.09	428	1.59
1490	GEOC	890213	REV3	.32	4.07	1.70	135	56	.07	426	3.00
2030	GEOC	890213	REV3	.09	.38	3.86	61	622	.20	428	.62
2390	GEOC	890213	REV3	.13	.67	1.43	63	136	.16	431	1.05
3100	GEOC	890213	REV3	.10	.27	1.42	46	244	.28	432	.58
3460	GEOC	890213	REV3	.26	.69	1.19	79	136	.28	426	.87
3640	GEOC	890213	REV3	.23	.57	1.01	77	136	.29	420	.74
3820	GEOC	890213	REV3	.16	.29	.78	40	108	.36	429	.72
4000	GEOC	890213	REV3	.29	.52	1.16	56	126	.36	427	.92
4180	GEOC	890213	REV3	.33	.62	.82	68	91	.35	424	.90
4360	GEOC	890213	REV3	.36	.56	.80	62	88	.39	425	.90
4540	GEOC	890213	REV3	.35	.54	.85	63	100	.40	422	.85
4720	GEOC	890213	REV3	.45	.82	.84	75	77	.36	426	1.08
4900	GEOC	890213	REV3	.40	.65	.63	53	52	.38	427	1.21
5080	GEOC	890213	REV3	.40	.51	.86	45	77	.44	431	1.11
5250	GEOC	890213	REV3	.38	.47	.58	46	56	.45	430	1.02
5430	GEOC	890213	REV3	.52	.80	.57	67	47	.39	431	1.19
5610	GEOC	890213	REV3	.52	.87	.34	69	27	.38	437	1.25
5790	GEOC	890213	REV3	.32	.63	.73	60	70	.34	423	1.04
5970	GEOC	890213	REV3	.33	.46	.56	47	58	.42	426	.96
6150	GEOC	890213	REV3	.57	1.02	.42	80	33	.36	432	1.26
6330	GEOC	890213	REV3	.53	.93	.65	74	52	.36	431	1.25
6510	GEOC	890213	REV3	.23	.35	.42	36	44	.40	427	.95
6690	GEOC	890213	REV3	.39	.83	.27	69	22	.32	431	1.20
6870	GEOC	890213	REV3	.46	.89	.25	70	19	.34	436	1.26
7050	GEOC	890213	REV3	.31	.50	.32	45	28	.39	429	1.11
7230	GEOC	890213	REV3	.27	.63	.38	53	32	.30	434	1.18
7410	GEOC	890213	REV3	.19	.44	.70	35	56	.31	429	1.23
7770	GEOC	890213	REV3	.34	.57	.24	51	21	.38	442	1.10
7950	GEOC	890213	REV3	.28	.45	.39	48	42	.39	438	.92
8130	GEOC	890213	REV3	.34	.44	.43	41	40	.44	440	1.05
8310	GEOC	890213	REV3	.21	.22	.47	28	61	.50	429	.76
8490	GEOC	890213	REV3	.38	.41	.29	37	26	.49	441	1.09
8670	GEOC	890213	REV3	.21	.26	.42	30	49	.46	426	.85
8850	GEOC	890213	REV3	.45	.29	.27	33	31	.61	404	.86
9030	GEOC	890213	REV3	.63	.48	.35	55	40	.57	368	.86
9210	GEOC	890213	REV3	.46	.37	.32	49	42	.56	391	.75
9390	GEOC	890213	REV3	.49	.31	.42	38	51	.61	353	.81
9570	GEOC	890213	REV3	.50	.47	.39	52	43	.52	357	.90
9750	GEOC	890213	REV3	.32	.45	.24	39	21	.42	438	1.13
9930	GEOC	890213	REV3	.25	.32	.18	34	19	.45	446	.94
10110	GEOC	890213	REV3	.27	.34	.14	36	14	.45	445	.94

TABLE 10 - ROCK EVAL PYROLYSIS

TEXACO NO.1 TULUGAK

DEPTH (FT.)	GRP SORC	ANAL DATE YYMMDD	ANAL METH	S1 (MG/GRM)	S2 (MG/GRM)	S3 (MG/GRM)	HYDROGEN INDEX	OXYGEN INDEX	TRANSF. RATIO	TEMP. (CENT.)	TOC (PCT) R-E
10290	GEOC	890213	REV3	.25	.26	.21	27	22	.50	412	.93
10470	GEOC	890213	REV3	.68	.74	.25	47	16	.48	473	1.55
10650	GEOC	890213	REV3	.14	.20	.50	17	44	.41	409	1.13
10830	GEOC	890213	REV3	.40	.35	.26	28	20	.54	449	1.25
11010	GEOC	890213	REV3	.20	.16	.29	13	23	.56	362	1.23
11190	GEOC	890213	REV3	.35	.15	.28	10	18	.70	461	1.48
11370	GEOC	890213	REV3	.37	.24	.25	18	19	.62	405	1.28
11550	GEOC	890213	REV3	.33	.09	.32	5	20	.79	360	1.57
11730	GEOC	890213	REV3	.39	.18	.32	13	23	.70	367	1.38
11910	GEOC	890213	REV3	.40	.23	.28	16	20	.65	350	1.36
12090	GEOC	890213	REV3	.42	.11	.38	7	24	.81	366	1.53
12270	GEOC	890213	REV3	.63	.26	.61	17	42	.72	300	1.45
12450	GEOC	890213	REV3	.37	.18	.39	11	25	.69	319	1.53
12630	GEOC	890213	REV3	.31	.13	.25	8	16	.70	348	1.55
12810	GEOC	890213	REV3	.32	.13	.33	8	21	.73	278	1.54
12990	GEOC	890213	REV3	.27	.14	.28	11	22	.67	312	1.25
13170	GEOC	890213	REV3	.31	.10	.26	7	18	.77	281	1.40
13350	GEOC	890213	REV3	.35	.12	.18	8	12	.76	280	1.47
13530	GEOC	890213	REV3	.29	.09	.35	5	21	.76	272	1.65
13710	GEOC	890213	REV3	.25	.41	.95	26	61	.38	357	1.54
13890	GEOC	890213	REV3	.26	.19	.40	12	26	.59	309	1.51
14070	GEOC	890213	REV3	.45	.21	.28	14	19	.68	297	1.46
14250	GEOC	890213	REV3	.30	.12	.41	11	37	.71	332	1.08
14430	GEOC	890213	REV3	.34	.16	.36	12	28	.68	300	1.25
14610	GEOC	890213	REV3	.22	.40	1.54	38	148	.35	454	1.04
14790	GEOC	890213	REV3	.16	.14	1.63	13	159	.53	405	1.02
14970	GEOC	890213	REV3	.29	.25	1.26	24	122	.54	361	1.03
15240	GEOC	890213	REV3	.32	.32	1.65	32	170	.50	397	.97
15420	GEOC	890213	REV3	.23	.33	1.81	30	169	.41	443	1.07
15690	GEOC	890213	REV3	.28	.34	1.69	32	160	.45	440	1.05
15990	GEOC	890213	REV3	.34	.25	.48	29	55	.59	309	.86
16170	GEOC	890213	REV3	.88	.36	.39	22	24	.71	304	1.62
16350	GEOC	890213	REV3	.94	.50	.42	18	15	.65	304	2.72
16472	GEOC	890213	REV3	.78	.82	.45	55	30	.49	340	1.49