

Total organic carbon and rock-eval pyrolysis data of cuttings and core
from the Chevron USA Inc. Eagle Creek No. 1 well.

Received 24 July 1989

Total of 4 pages in report

Geologic Materials Center Data Report No. 131

CHEVRON Eagle Creek #1

EPR NO.	DEPTH (FT.)	T.O.C. (PCT)	EPR NO.	DEPTH (FT.)	T.O.C. (PCT)	EPR NO.	DEPTH (FT.)	T.O.C. (PCT)
117293-A	610	.79	117315-J	5210	.86	117337-L	9200	.67
117293-B	1000	.79	117315-K	5300	.92	117337-M	9300	.79
117293-C	1090	.82	117315-L	5390	.91	117337-N	9400	9.50
117293-D	1180	.75	117315-M	5480	.93	117337-O	9500	.69
117293-E	1270	.89	117315-N	5570	.91	117337-P	9600	.56
117293-F	1360	.90	117315-O	5660	.91	117337-Q	9700	.51
117293-G	1450	.87	117315-P	5750	.60	117337-R	9800	.61
117293-H	1530	1.01	117359-A	5750	.84	117337-S	9900	.78
117293-I	1620	.89	117359-B	5753	.97	117337-T	10000	.80
117293-J	1710	.92	117359-C	5769	.44	117348-A	10100	.76
117293-K	1800	.92	117315-Q	5840	.63	117348-B	10200	.81
117293-L	1890	.91	117315-R	5930	.79	117348-C	10300	.65
117293-M	1980	.87	117315-S	6020	.80	117348-D	10400	.60
117293-N	2070	.93	117315-T	6140	.85	117359-G	10497	1.07
117293-O	2160	.93	117326-A	6200	.88	117359-H	10509	1.05
117293-P	2250	.97	117326-B	6290	.57	117348-E	10600	.53
117293-Q	2340	.93	117326-C	6380	.73	117348-F	10700	.48
117293-R	2430	1.08	117326-D	6470	.79	117348-G	10800	.46
117293-S	2520	.85	117326-E	6560	.67	117348-H	10900	.80
117293-T	2610	.84	117326-F	6650	.73	117348-I	11000	.44
117304-A	2700	.30	117326-G	6740	.52	117348-J	11100	.51
117304-B	2790	.84	117326-H	6830	.53	117348-K	11200	.37
117304-C	2880	.87	117326-I	6950	.56	117348-L	11300	.38
117304-D	2970	.91	117326-J	7040	.54	117348-M	11400	.47
117304-E	3060	.92	117326-K	7130	.64	117348-N	11500	.56
117304-F	3150	.83	117326-L	7230	.75	117348-O	11600	.80
117304-G	3240	.87	117326-M	7300	.62	117348-P	11700	.55
117304-H	3330	.89	117326-N	7400	.79	117348-Q	11800	.46
117304-I	3420	.91	117326-O	7500	.64	117348-R	11900	.53
117304-J	3510	.89	117326-P	7600	.58	117348-S	12000	.67
117304-K	3600	.86	117326-Q	7700	.62	117359-I	12022	.97
117304-M	3720	.75	117326-R	7800	.69	117359-J	12031	.67
117304-N	3780	.75	117326-S	7900	.66	117359-K	12034	.37
117304-O	3870	.77	117326-T	8000	.60	117359-L	12043	1.38
117304-P	3960	.83	117337-A	8100	.75	117359-M	12047	.86
117304-Q	4050	.78	117337-B	8200	.70			
117304-R	4140	.76	117337-C	8300	.67			
117304-S	4230	1.00	117337-D	8400	.86			
117304-T	4320	.94	117337-E	8500	.80			
117315-A	4410	.91	117337-F	8600	.76			
117315-B	4500	.95	117337-G	8700	.70			
117315-C	4590	.91	117337-H	8800	.53			
117315-D	4680	.95	117337-I	8900	.55			
117315-E	4770	.95	117359-D	8927	.82			
117315-F	4860	.95	117359-E	8937	.97			
117315-G	4950	.94	117359-F	8957	.94			
117315-H	5030	.75	117337-J	9000	.64			
117315-I	5120	.97	117337-K	9100	.62			

TABLE 10 - ROCK EVAL PYROLYSIS

OBJECT NUM. 28616

CHEVRON Eagle Creek #1

PR NO.	DEPTH (FT.)	GRP SORC	ANAL DATE YMMDD	ANAL METH	S1 (MG/GRM)	S2 (MG/GRM)	S3 (MG/GRM)	HYDROGEN INDEX	OXYGEN INDEX	TRANSF. RATIO	TEMP. (CENT.)	TOC (PCT) R-E	COMMENTS
7293-A	610	GEOC	890626	REV3	.33	.22	.68	28	86	.61	404	.79	GMC Data Report 131
7293-B	1000	GEOC	890626	REV3	.34	.35	.59	44	74	.50	394	.79	
7293-C	1090	GEOC	890626	REV3	.25	.24	.47	29	57	.52	446	.82	
7293-D	1180	GEOC	890626	REV3	.40	.20	.62	26	83	.67	330	.75	
7293-E	1270	GEOC	890626	REV3	.58	.40	.83	45	93	.59	397	.89	
7293-F	1360	GEOC	890626	REV3	.31	.35	.55	39	61	.47	416	.90	
7293-G	1450	GEOC	890626	REV3	.45	.28	.63	32	72	.62	402	.87	
7293-H	1530	GEOC	890626	REV3	.53	.57	.76	56	75	.48	432	1.01	
7293-I	1620	GEOC	890626	REV3	2.29	1.15	.81	129	91	.67	361	.89	
7293-J	1710	GEOC	890626	REV3	.46	.42	.92	46	100	.52	403	.92	
7293-K	1800	GEOC	890626	REV3	.37	.33	.46	36	50	.53	401	.92	
7293-L	1890	GEOC	890626	REV3	.28	.35	.63	38	69	.45	424	.91	
7293-M	1980	GEOC	890626	REV3	.12	.20	.53	23	61	.37	496	.87	
7293-N	2070	GEOC	890626	REV3	.14	.27	.27	29	29	.35	498	.93	
7293-O	2160	GEOC	890626	REV3	.55	.45	.54	48	58	.55	411	.93	
7293-P	2250	GEOC	890626	REV3	.26	.23	.50	24	52	.54	447	.97	
7293-Q	2340	GEOC	890626	REV3	.08	.18	.34	19	37	.31	488	.93	
7293-R	2430	GEOC	890626	REV3	.19	.25	.40	23	37	.43	493	1.08	
7293-S	2520	GEOC	890626	REV3	.28	.25	.50	29	59	.54	424	.85	
7293-T	2610	GEOC	890626	REV3	.14	.07	.87	8	103	.70	366	.84	
7304-A	2700	GEOC	890626	REV3	.20	.37	.80	123	267	.36	491	.30	
7304-B	2790	GEOC	890626	REV3	.10	.22	.72	26	86	.31	416	.84	
7304-C	2880	GEOC	890626	REV3	.14	.31	.69	36	79	.32	469	.87	
7304-D	2970	GEOC	890626	REV3	.11	.27	.71	30	78	.29	434	.91	
7304-E	3060	GEOC	890626	REV3	.19	.30	.61	33	66	.40	457	.92	
7304-F	3150	GEOC	890626	REV3	.20	.32	.64	39	77	.38	444	.83	
7304-G	3240	GEOC	890626	REV3	.15	.25	.96	29	110	.37	450	.87	
7304-H	3330	GEOC	890626	REV3	.20	.23	.58	26	65	.48	416	.89	
7304-I	3420	GEOC	890626	REV3	.19	.26	.54	29	59	.43	446	.91	
7304-J	3510	GEOC	890626	REV3	.04	.02	1.51	2	170	.67	228	.89	
7304-K	3600	GEOC	890626	REV3	1.04	.42	1.10	49	128	.71	340	.86	
7304-M	3720	GEOC	890626	REV3	.25	.20	.75	27	100	.57	327	.75	
7304-N	3780	GEOC	890626	REV3	.12	.06	.50	8	67	.67	355	.75	
7304-O	3870	GEOC	890626	REV3	.52	.29	.67	38	87	.65	346	.77	
7304-P	3960	GEOC	890626	REV3	.42	.22	.77	26	93	.66	330	.83	
7304-Q	4050	GEOC	890626	REV3	.14	.52	.57	67	73	.21	486	.78	
7304-R	4140	GEOC	890626	REV3	.59	.30	.88	39	116	.67	366	.76	
7304-S	4230	GEOC	890626	REV3	.18	.43	.49	43	49	.30	486	1.00	
7304-T	4320	GEOC	890626	REV3	.12	.19	.77	20	82	.40	445	.94	
17315-A	4410	GEOC	890626	REV3	.13	.41	.21	45	23	.24	500	.91	
17315-B	4500	GEOC	890626	REV3	.33	.49	.39	52	41	.40	500	.95	
17315-C	4590	GEOC	890626	REV3	.23	.33	.34	36	37	.41	496	.91	
17315-D	4680	GEOC	890626	REV3	.22	.42	.33	44	35	.34	496	.95	
17315-E	4770	GEOC	890626	REV3	.21	.34	.25	36	26	.39	497	.95	
17315-F	4860	GEOC	890626	REV3	.22	.47	.35	49	37	.32	499	.95	
17315-G	4950	GEOC	890626	REV3	.19	.43	.25	46	27	.31	500	.94	
17315-H	5030	GEOC	890626	REV3	.22	.59	1.87	79	249	.27	511	.75	
17315-I	5120	GEOC	890626	REV3	.22	.29	.56	30	58	.44	501	.97	

TABLE 10 - ROCK EVAL PYROLYSIS

JECT NUM. 28616

R NO.	DEPTH (FT.)	GRP SORC	ANAL DATE YYYYMMDD	ANAL METH	S1 (MG/GRM)	S2 (MG/GRM)	S3 (MG/GRM)	HYDROGEN INDEX	OXYGEN INDEX	TRANSF. RATIO	TEMP. (CENT.)	TOC (PCT) R-E	COMMENTS
315-J	5210	GEOC	890626	REV3	.20	.40	.96	46	112	.33	507	.86	
315-K	5300	GEOC	890626	REV3	.24	.22	.30	24	33	.52	446	.92	
315-L	5390	GEOC	890626	REV3	.22	.33	.32	36	35	.41	473	.91	
315-M	5480	GEOC	890626	REV3	.23	.25	.42	27	45	.48	430	.93	
315-N	5570	GEOC	890626	REV3	.26	.29	.34	32	37	.48	499	.91	
315-O	5660	GEOC	890626	REV3	.17	.47	.55	52	60	.27	501	.91	
315-P	5750	GEOC	890626	REV3	.26	.36	.51	60	85	.42	500	.60	
359-A		GEOC	890626	REV3	.15	.17	.36	20	43	.47	274	.84	
359-B	5753	GEOC	890626	REV3	.04	.19	.38	20	39	.18	477	.97	
359-C	5769	GEOC	890626	REV3	.12	.23	.37	52	84	.35	373	.44	
315-Q	5840	GEOC	890626	REV3	.21	.25	.46	40	73	.46	499	.63	
315-R	5930	GEOC	890626	REV3	.19	.24	.47	30	59	.45	497	.79	
315-S	6020	GEOC	890626	REV3	.07	.33	.38	41	46	.17	502	.80	
315-T	6140	GEOC	890626	REV3	.17	.48	.93	56	109	.27	504	.85	
326-A	6200	GEOC	890626	REV3	.21	.33	.31	37	35	.39	498	.88	
326-B	6290	GEOC	890626	REV3	.13	.27	.31	47	54	.32	501	.57	
326-C	6380	GEOC	890626	REV3	.18	.25	.27	34	37	.43	499	.73	
326-D	6470	GEOC	890626	REV3	.18	.18	.25	23	32	.50	449	.79	
326-E	6560	GEOC	890626	REV3	.12	.26	.32	39	48	.32	498	.67	
326-F	6650	GEOC	890626	REV3	.19	.19	.35	26	48	.50	466	.73	
326-G	6740	GEOC	890626	REV3	.14	.15	.29	29	56	.50	464	.52	
326-H	6830	GEOC	890626	REV3	.14	.26	.39	49	74	.35	497	.53	
326-I	6950	GEOC	890626	REV3	.14	.19	.31	34	55	.44	470	.56	
326-J	7040	GEOC	890626	REV3	.14	.17	.29	31	54	.47	453	.54	
326-K	7130	GEOC	890626	REV3	.16	.30	.31	47	48	.35	486	.64	
326-L	7230	GEOC	890626	REV3	.20	.28	.37	37	49	.42	496	.75	
326-M	7300	GEOC	890626	REV3	.15	.18	.24	29	39	.47	463	.62	
326-N	7400	GEOC	890626	REV3	.23	.34	.38	43	48	.41	498	.79	
326-O	7500	GEOC	890626	REV3	.21	.37	.35	58	55	.36	498	.64	
326-P	7600	GEOC	890626	REV3	.09	.27	.28	47	48	.25	500	.58	
326-Q	7700	GEOC	890626	REV3	.08	.25	.25	40	40	.25	497	.62	
326-R	7800	GEOC	890626	REV3	.11	.38	.70	55	101	.23	494	.69	
326-S	7900	GEOC	890626	REV3	.10	.35	.38	53	58	.23	498	.66	
326-T	8000	GEOC	890626	REV3	.13	.35	.26	58	43	.27	500	.60	
337-A	8100	GEOC	890626	REV3	.22	.19	.60	25	80	.55	371	.75	
337-B	8200	GEOC	890626	REV3	.16	.12	.45	17	64	.57	269	.70	
337-C	8300	GEOC	890626	REV3	.14	.19	.28	28	42	.44	466	.67	
337-D	8400	GEOC	890626	REV3	.25	.48	.28	56	33	.35	500	.86	
337-E	8500	GEOC	890626	REV3	.20	.41	.40	51	50	.33	498	.80	
337-F	8600	GEOC	890626	REV3	.15	.25	.26	33	34	.37	431	.76	
337-G	8700	GEOC	890626	REV3	.14	.17	.30	24	43	.47	469	.70	
337-H	8800	GEOC	890626	REV3	.33	.32	.51	60	96	.52	501	.53	
337-I	8900	GEOC	890626	REV3	.19	.16	.40	29	73	.56	426	.55	
359-D	8927	GEOC	890626	REV3	.05	.12	.24	15	29	.31	321	.82	
359-E	8937	GEOC	890626	REV3	.04	.10	.23	10	24	.29	297	.97	
359-F	8957	GEOC	890626	REV3	.04	.06	.18	6	19	.40	315	.94	
337-J	9000	GEOC	890626	REV3	.17	.32	.35	50	55	.35	498	.64	
337-K	9100	GEOC	890626	REV3	.15	.24	.34	39	55	.39	469	.62	

TABLE 10 - ROCK EVAL PYROLYSIS

JECT NUM. 28616

R NO.	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	COMMENTS
337-L	9200	GEOC	890626	REV3	.18	.09	.32	13	48	.69	301	.67	
337-M	9300	GEOC	890626	REV3	.17	.17	.34	22	43	.50	318	.79	
337-N	9400	GEOC	890626	REV3	.16	.20	.30	2	3	.44	456	9.50	
337-O	9500	GEOC	890626	REV3	.12	.26	.34	38	49	.32	496	.69	
337-P	9600	GEOC	890626	REV3	.11	.20	.29	36	52	.37	498	.56	
337-Q	9700	GEOC	890626	REV3	.10	.02	.32	4	63	.83	454	.51	
337-R	9800	GEOC	890626	REV3	.10	.33	.33	54	54	.24	498	.61	
337-S	9900	GEOC	890626	REV3	.12	.08	.34	10	43	.60	467	.78	
337-T	10000	GEOC	890626	REV3	.08	.38	.32	48	40	.17	500	.80	
348-A	10100	GEOC	890626	REV3	.15	.14	.42	18	55	.54	370	.76	
348-B	10200	GEOC	890626	REV3	.12	.15	.45	19	55	.46	274	.81	
348-C	10300	GEOC	890626	REV3	.10	.04	.42	6	65	.71	281	.65	
348-D	10400	GEOC	890626	REV3	.11	.17	.63	28	105	.39	274	.60	
359-G	10497	GEOC	890626	REV3	.29	.26	.21	24	20	.54	309	1.07	
359-H	10509	GEOC	890626	REV3	.17	.12	.24	11	23	.61	338	1.05	
348-E	10600	GEOC	890626	REV3	.10	.06	.36	11	68	.62	274	.53	
348-F	10700	GEOC	890626	REV3	.11	.15	.32	31	67	.42	295	.48	
348-G	10800	GEOC	890626	REV3	.10	.04	.32	9	70	.71	250	.46	
348-H	10900	GEOC	890626	REV3	.13	.07	.28	9	35	.65	274	.80	
348-I	11000	GEOC	890626	REV3	.04	.01	.44	2	100	1.00	308	.44	
348-J	11100	GEOC	890626	REV3	.15	.05	.46	10	90	.75	241	.51	
348-K	11200	GEOC	890626	REV3	.16	.05	.41	14	111	.80	230	.37	
348-L	11300	GEOC	890626	REV3	.29	.09	.68	24	179	.76	274	.38	
348-M	11400	GEOC	890626	REV3	.19	.06	.45	13	96	.79	293	.47	
348-N	11500	GEOC	890626	REV3	.18	.05	.45	9	80	.82	239	.56	
348-O	11600	GEOC	890626	REV3	.25	.10	.43	13	54	.74	253	.80	
348-P	11700	GEOC	890626	REV3	.27	.03	.91	5	165	.90	253	.55	
348-Q	11800	GEOC	890626	REV3	.13	.04	.44	9	96	.81	243	.46	
348-R	11900	GEOC	890626	REV3	.19	.11	.45	21	85	.63	274	.53	
348-S	12000	GEOC	890626	REV3	.22	.04	.48	6	72	.85	263	.67	
359-I	12022	GEOC	890626	REV3	.54	.33	.19	34	20	.63	304	.97	
359-J	12031	GEOC	890626	REV3	.20	.17	.38	25	57	.56	310	.67	
359-K	12034	GEOC	890626	REV3	.12	.18	.33	49	89	.40	353	.37	
359-L	12043	GEOC	890626	REV3	.45	.62	.60	45	43	.42	362	1.38	
359-M	12047	GEOC	890626	REV3	.35	.24	.29	28	34	.60	306	.86	