

**HCS and TOC/Rock Eval on samples
from wells 7228/7-1A and 7228/7-1B**



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HCS and TOC/Rock Eval on cuttings samples from wells 7228/7-1A and 7228/7-1B

Table 1. Rock-Eval data

Well	Lower Depth	APT ID	S1 (mg/g)	S2 (mg/g)	S3 (mg/g)	Tmax (°C)	PP (mg/g)	PI (wt ratio)	HI (mg HC/ g TOC)	OI (mg CO2/ g TOC)	TOC (%)
7228/7-1 B	2089.0	13442	1	8.23	1.5	443	9.23	0.11	215	39	3.83
7228/7-1 B	2099.0	13443	1	8.48	1.81	444	9.48	0.11	339	72	2.5
7228/7-1 B	2104.0	13444	1.01	4.23	4.63	442	5.25	0.19	152	166	2.79
7228/7-1 B	2120.5	13445	2.09	20.61	1.19	448	22.7	0.09	665	38	3.1
7228/7-1 B	2132.0	13446	1.78	8.55	8.55	442	10.33	0.17	216	216	3.96
7228/7-1 B	2136.5	13447	2.61	8.33	1.01	438	10.94	0.24	183	22	4.55
7228/7-1 B	2139.0	13448	9.26	3.36	2.03	299	12.63	0.73	224	135	1.5
7228/7-1 A	1521.0	13784	1.6	4.14	0.78	340	5.74	0.28	339	64	1.22
7228/7-1 A	1524.0	13785	2.73	4.26	0.63	348	6.98	0.39	473	70	0.9
7228/7-1 A	1527.0	13786	2.27	4.08	0.95	340	6.34	0.36	420	98	0.97
7228/7-1 A	1530.0	13787	1.6	3.11	0.76	334	4.71	0.34	346	84	0.9
7228/7-1 A	1533.0	13788	1.9	3.63	0.85	340	5.53	0.34	399	93	0.91
7228/7-1 A	1536.0	13789	2.41	3.73	1.05	346	6.14	0.39	401	113	0.93
7228/7-1 A	1539.0	13790	2.11	4.08	1.62	350	6.18	0.34	408	162	1
7228/7-1 A	1821.0	13876	3.48	4.54	1.37	354	8.02	0.43	388	117	1.17
7228/7-1 A	1824.0	13877	2	3.39	1.09	352	5.39	0.37	446	143	0.76
7228/7-1 A	1827.0	13878	4.35	5.84	1.36	351	10.18	0.43	389	91	1.5
7228/7-1 A	1830.0	13879	3.69	4.66	1.5	353	8.34	0.44	490	158	0.95
7228/7-1 A	1833.0	13880	3.98	7.84	1.36	355	11.82	0.34	417	72	1.88
7228/7-1 A	1836.0	13881	3.38	6.13	1.26	352	9.51	0.36	425	88	1.44
7228/7-1 A	1839.0	13882	3.51	4.95	1.42	355	8.46	0.42	423	121	1.17
7228/7-1 A	1842.0	13883	2.33	4.35	1.73	351	6.68	0.35	423	168	1.03
7228/7-1 A	1845.0	13884	2.6	4.47	1.22	344	7.07	0.37	426	116	1.05
7228/7-1 A	1848.0	13885	2.66	4.61	2.35	339	7.27	0.37	401	204	1.15
7228/7-1 A	1851.0	13886	2.86	6.42	2.16	351	9.27	0.31	309	104	2.08
7228/7-1 A	1854.0	13887	2.8	5.09	1.5	347	7.89	0.35	509	150	1
7228/7-1 A	1857.0	13888	3.32	4.65	1.28	357	7.96	0.42	581	160	0.8



HCS and TOC/Rock Eval on cuttings samples from wells 7228/7-1A and 7228/7-1B

Well	Lower Depth	APT ID	S1 (mg/g)	S2 (mg/g)	S3 (mg/g)	Tmax (°C)	PP (mg/g)	PI (wt ratio)	HI (mg HC/ g TOC)	OI (mg CO2/ g TOC)	TOC (%)
7228/7-1 A	1860.0	13889	3.49	4.81	2.18	348	8.29	0.42	506	229	0.95
7228/7-1 A	1863.0	13890	3.99	5.03	1.93	346	9.02	0.44	585	224	0.86
7228/7-1 A	1866.0	13891	4.26	6.76	3.3	349	11.02	0.39	354	173	1.91
7228/7-1 A	1869.0	13892	3.69	4.8	1.73	349	8.5	0.43	511	184	0.94
7228/7-1 A	1872.0	13893	3.85	5.28	2.1	349	9.12	0.42	517	206	1.02
7228/7-1 A	1875.0	13894	3.49	4.88	1.72	353	8.37	0.42	514	181	0.95
7228/7-1 A	1878.0	13895	2.75	2.93	2.23	339	5.68	0.48	505	384	0.58
7228/7-1 A	1881.0	13896	3.37	5.24	1.9	342	8.6	0.39	588	213	0.89
7228/7-1 A	1884.0	13897	3.55	5.94	1.99	350	9.49	0.37	545	183	1.09
7228/7-1 A	1887.0	13898	3.57	5.15	2.13	347	8.72	0.41	526	217	0.98
7228/7-1 A	1890.0	13899	4.86	6.81	1.89	353	11.67	0.42	577	160	1.18
7228/7-1 A	1893.0	13900	4.67	4.76	3.21	347	9.44	0.5	425	287	1.12
7228/7-1 A	1896.0	13901	3.28	5.06	1.78	351	8.34	0.39	589	207	0.86
7228/7-1 A	1899.0	13902	4.39	8.26	1.76	353	12.65	0.35	397	85	2.08
7228/7-1 A	1902.0	13903	4.7	7.72	1.83	350	12.42	0.38	344	82	2.24
7228/7-1 A	1905.0	13904	4.7	8.08	1.64	345	12.78	0.37	287	58	2.81
7228/7-1 A	1908.0	13905	2.32	5.54	1.09	347	7.86	0.3	410	81	1.35
7228/7-1 A	1911.0	13906	3.72	5.08	1.49	349	8.8	0.42	466	137	1.09
7228/7-1 A	1914.0	13907	4.25	6.46	1.4	353	10.71	0.4	303	66	2.13
7228/7-1 A	1917.0	13908	3.74	5.38	1.67	349	9.13	0.41	434	135	1.24
7228/7-1 A	1920.0	13909	4.17	6.79	1.88	347	10.96	0.38	328	91	2.07
7228/7-1 A	1923.0	13910	3.36	4.84	1.74	351	8.2	0.41	479	172	1.01
7228/7-1 A	1926.0	13911	3.89	5.02	1.92	350	8.91	0.44	448	171	1.12
7228/7-1 A	1929.0	13912	3.49	5.28	1.89	348	8.77	0.4	503	180	1.05
7228/7-1 A	1932.0	13913	2.08	4.1	1.83	346	6.19	0.34	483	215	0.85
7228/7-1 A	1935.0	13914	3.74	5.84	1.85	355	9.58	0.39	482	153	1.21
7228/7-1 A	1938.0	13915	3.8	5.25	1.78	348	9.05	0.42	481	163	1.09
7228/7-1 A	1941.0	13916	2.97	4.55	1.84	347	7.51	0.39	469	190	0.97



HCS and TOC/Rock Eval on cuttings samples from wells 7228/7-1A and 7228/7-1B

Well	Lower Depth	APT ID	S1 (mg/g)	S2 (mg/g)	S3 (mg/g)	Tmax (°C)	PP (mg/g)	PI (wt ratio)	HI (mg HC/ g TOC)	OI (mg CO2/ g TOC)	TOC (%)
7228/7-1 A	1944.0	13917	2.91	4.79	1.67	344	7.7	0.38	470	164	1.02
7228/7-1 A	1947.0	13918	3.46	5.58	1.66	350	9.04	0.38	411	122	1.36
7228/7-1 A	1950.0	13919	4.73	6.7	1.75	349	11.43	0.41	328	86	2.04
7228/7-1 A	1953.0	13920	4.91	6.7	1.71	355	11.61	0.42	379	97	1.77
7228/7-1 A	1956.0	13921	4.01	5.84	2.02	345	9.85	0.41	384	133	1.52
7228/7-1 A	1959.0	13922	5.28	7.1	1.86	354	12.37	0.43	303	79	2.34
7228/7-1 A	1962.0	13923	4.26	5.64	1.45	349	9.9	0.43	376	97	1.5
7228/7-1 A	1965.0	13924	4.92	6.9	1.64	353	11.82	0.42	352	84	1.96
7228/7-1 A	1968.0	13925	6.15	8.02	1.99	354	14.17	0.43	378	94	2.12
7228/7-1 A	1971.0	13926	3.64	4.78	1.84	349	8.42	0.43	483	186	0.99
7228/7-1 A	1974.0	13927	3.9	4.79	1.78	344	8.68	0.45	447	166	1.07
7228/7-1 A	1977.0	13928	3.84	5.98	1.6	348	9.82	0.39	367	98	1.63
7228/7-1 A	1980.0	13929	3.59	5.38	1.52	350	8.97	0.4	456	129	1.18
7228/7-1 A	1983.0	13930	4.02	5.37	1.58	347	9.38	0.43	410	121	1.31
7228/7-1 A	1986.0	13931	4.91	7.56	1.75	351	12.47	0.39	283	66	2.67
7228/7-1 A	1989.0	13932	4.07	7.12	1.15	350	11.2	0.36	276	45	2.58
7228/7-1 A	1992.0	13933	3.24	5.01	1.37	348	8.25	0.39	343	94	1.46
7228/7-1 A	1995.0	13934	4.17	8.78	1.36	348	12.95	0.32	325	50	2.7
7228/7-1 A	1998.0	13935	2.69	5.54	1.49	338	8.23	0.33	330	89	1.68
7228/7-1 A	2004.0	13937	3.08	7.39	1.67	346	10.47	0.29	336	76	2.2
7228/7-1 A	2007.0	13938	3.19	4.89	1.63	346	8.08	0.4	394	131	1.24
7228/7-1 A	2010.0	13939	3.2	7.78	1.67	346	10.99	0.29	380	81	2.05
7228/7-1 A	2013.0	13940	2.56	4.77	1.68	344	7.33	0.35	411	145	1.16
7228/7-1 A	2016.0	13941	2.55	5.33	1.64	350	7.88	0.32	404	124	1.32
7228/7-1 A	2019.0	13942	4.08	16.17	1.54	435	20.24	0.2	327	31	4.95
7228/7-1 A	2022.0	13943	2.66	5.66	1.22	350	8.32	0.32	354	76	1.6
7228/7-1 A	2025.0	13944	3.43	6.91	1.46	348	10.34	0.33	373	79	1.85
7228/7-1 A	2028.0	13945	3.14	6.67	1.57	352	9.81	0.32	430	101	1.55



HCS and TOC/Rock Eval on cuttings samples from wells 7228/7-1A and 7228/7-1B

Well	Lower Depth	APT ID	S1 (mg/g)	S2 (mg/g)	S3 (mg/g)	Tmax (°C)	PP (mg/g)	PI (wt ratio)	HI (mg HC/ g TOC)	OI (mg CO2/ g TOC)	TOC (%)
7228/7-1 A	2031.0	13946	2.68	5.68	1.46	351	8.35	0.32	420	108	1.35
7228/7-1 A	2034.0	13947	3.75	7.03	1.69	350	10.78	0.35	432	104	1.63
7228/7-1 A	2037.0	13948	3.9	7.5	1.93	352	11.4	0.34	431	111	1.74
7228/7-1 A	2040.0	13949	3.85	7.18	1.81	349	11.04	0.35	376	95	1.91
7228/7-1 A	2043.0	13950	3.52	6.91	1.82	348	10.43	0.34	404	106	1.71
7228/7-1 A	2046.0	13951	3	6.26	1.44	345	9.26	0.32	432	99	1.45
7228/7-1 A	2049.0	13952	3.73	7.84	1.46	350	11.57	0.32	368	69	2.13
7228/7-1 A	2052.0	13953	3.42	10.3	1.28	450	13.72	0.25	505	63	2.04
7228/7-1 A	2055.0	13954	3.17	7.06	1.7	348	10.24	0.31	474	114	1.49
7228/7-1 A	2058.0	13955	3.84	10.25	3.82	447	14.09	0.27	466	174	2.2
7228/7-1 A	2073.0	13960	2.95	7.53	1.9	350	10.48	0.28	433	109	1.74
7228/7-1 A	2076.0	13961	3.71	7.36	2.22	341	11.06	0.34	418	126	1.76
7228/7-1 A	2259.0	13962	2.32	6.44	1.85	442	8.77	0.27	311	89	2.07
7228/7-1 A	2262.0	13963	2.94	9.08	1.68	441	12.02	0.24	298	55	3.05
7228/7-1 A	2265.0	13964	2.91	6.18	1.88	348	9.08	0.32	314	95	1.97