Table 3 from:

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Radiogenic Heat Production in Sedimentary Rocks of the Gulf of Mexico Basin (South Texas)

American Association of Petroleum Geologists Bulletin

see below for description of column headers

ID well	ID #	depth	U	Th	U error	Th error	a	a error	K	r	A	A error
		m	ppm	ppm	ppm	ppm	cts/ks/cm2	cts/ks/cm2	wt %	kg/m3	uW/m3	mW/m3
Wilcox mudrocks												
LY	1	4356.5	3.16	11.89	0.88	3.02	0.823	0.019	2.04	2450	1.64	0.18
LY	2	4373.0	2.35	6.50	0.59	2.04	0.528	0.015	0.57	2450	0.99	0.11
LY	3	4373.6	1.89	11.89	0.79	2.71	0.665	0.017	0.57	2450	1.24	0.14
LY	4	4381.8	3.58	8.68	1.00	3.42	0.760	0.023	0.57	2450	1.41	0.16
LY	5	4382.7	2.59	9.54	0.50	1.72	0.667	0.011	0.57	2450	1.24	0.14
LY	6	4389.4	1.87	4.43	0.45	1.54	0.394	0.012	1.90	2450	0.86	0.09
MU	7	4598.7	3.18	9.51	0.40	1.40	0.739	0.009	2.43	2452	1.53	0.16
MU	8	4702.5	3.92	6.73	0.71	2.44	0.730	0.017	1.28	2461	1.42	0.16
MU	9	4709.9	3.27	11.27	0.70	2.41	0.813	0.015	2.37	2461	1.66	0.18
MU	10	4715.3	3.12	11.18	0.59	2.04	0.792	0.012	2.38	2462	1.63	0.18
MU	11	4716.5	3.71	9.59	0.83	2.82	0.808	0.018	2.38	2462	1.65	0.18
MU	12	4728.7	3.36	11.57	0.60	2.07	0.835	0.012	2.81	2463	1.74	0.19
PE	13	4705.4	3.29	13.61	0.79	2.71	0.902	0.016	2.11	2461	1.80	0.20
PE	14	4613.1	4.26	11.60	0.95	3.24	0.948	0.019	2.09	2453	1.87	0.20
PE	15	4466.8	4.49	10.37	1.25	4.26	0.932	0.026	2.01	2450	1.84	0.20
PE	16	4162.0	4.00	8.80	1.22	4.16	0.815	0.026	2.12	2441	1.63	0.18
PE	17	3997.5	3.60	10.20	1.12	3.85	0.817	0.025	2.08	2428	1.62	0.18
PE	18	3832.9	3.33	11.44	1.15	3.95	0.828	0.025	2.12	2425	1.64	0.18
PE	19	3659.1	4.01	9.43	1.09	3.73	0.840	0.023	2.13	2425	1.66	0.18
PE	20	3329.9	3.29	11.37	0.90	3.08	0.819	0.019	2.01	2398	1.60	0.17
PE	21	3165.3	3.30	8.93	0.80	2.75	0.732	0.018	1.84	2385	1.43	0.16
PE	22	3014.5	3.56	9.25	0.83	2.87	0.776	0.018	1.88	2375	1.50	0.16
PE	23	2804.2	3.49	8.34	0.93	3.20	0.735	0.021	1.93	2375	1.43	0.16
PE	24	2648.7	3.93	7.30	0.74	2.52	0.721	0.017	1.86	2367	1.40	0.15
PE	25	2470.4	2.33	12.61	0.94	3.22	0.746	0.020	1.88	2353	1.43	0.16
PE	26	2281.4	3.78	8.39	1.11	3.77	0.772	0.025	2.11	2337	1.49	0.16
PE	27	2107.7	3.79	7.97	1.08	3.71	0.759	0.025	1.88	2323	1.44	0.16
PE	28	1946.1	3.78	10.07	0.87	2.98	0.834	0.019	1.88	2310	1.56	0.17
PE	29	1790.7	3.00	11.13	0.69	2.36	0.774	0.015	1.92	2297	1.45	0.16
PE	30	1641.3	1.98	13.63	1.10	3.78	0.739	0.023	1.86	2285	1.38	0.15
PE	31	1461.5	4.62	7.12	1.21	4.12	0.830	0.027	1.76	2270	1.51	0.17
PE	32	1292.4	4.21	8.16	1.15	3.91	0.818	0.026	2.18	2256	1.52	0.17
PE	33	935.7	3.56	8.37	0.99	3.35	0.745	0.022	2.13	2204	1.36	0.15
PE	34	742.2	4.04	9.27	0.97	3.33	0.836	0.021	2.23	2172	1.49	0.16
LE	35	4327.6	3.41	8.48	0.42	1.47	0.730	0.010	2.03	2450	1.48	0.16
LE	36	4144.8	3.37	9.38	0.79	2.69	0.758	0.017	1.91	2440	1.51	0.17
LE	37	3874.6	3.83	7.30	0.45	1.57	0.739	0.010	1.88	2425	1.47	0.16
LE	38	3701.0	3.23	7.64	0.70	2.42	0.677	0.016	1.96	2425	1.36	0.15
LE	39	3534.6	3.64	8.45	0.89	3.05	0.757	0.020	1.83	2415	1.49	0.16
LE	40	3353.3	3.06	9.85	0.79	2.72	0.736	0.017	1.82	2400	1.44	0.16
LE	41	3169.3	2.29	13.46	1.13	3.88	0.772	0.024	2.02	2385	1.51	0.17
LE	42	3004.7	2.71	10.01	0.81	2.79	0.700	0.018	1.64	2375	1.35	0.15
LE	43	2822.8	3.93	9.10	1.16	3.97	0.817	0.026	1.83	2375	1.57	0.17
LE	44	2627.5	2.96	9.84	0.55	1.88	0.724	0.012	1.72	2366	1.39	0.15
LE	45	2274.1	2.57	12.37	0.08	0.33	0.766	0.005	1.96	2337	1.46	0.16
LE	46	1719.1	2.72	9.86	0.52	1.82	0.694	0.012	1.38	2291	1.27	0.14
LE	47	1544.3	3.56	10.02	1.06	3.64	0.805	0.023	1.55	2277	1.46	0.16
LE	48	5181.6	3.71	8.27	0.63	2.16	0.761	0.014	1.83	2475	1.53	0.17
LE	49	5012.6	3.38	10.30	0.84	2.89	0.792	0.018	1.83	2475	1.59	0.17
LE	50	4842.5	3.98	12.61	0.98	3.37	0.950	0.020	1.83	2472	1.87	0.20
LE	51	4691.3	3.65	12.72	0.75	2.57	0.914	0.015	1.83	2460	1.79	0.20
LE	52	4503.9	3.15	12.68	1.25	4.29	0.852	0.026	1.83	2450	1.68	0.19

LE	53	2099.6	3.70	12.92	0.95	3.24	0.926	0.019	1.96	2322	1.73	0.19
Frio mudrocks												
MI	54	3861.8	3.35	13.06	0.46	1.62	0.888	0.010	2.09	2425	1.75	0.19
MI	55	4076.7	3.38	12.69	0.88	3.03	0.879	0.018	2.18	2434	1.74	0.19
MI	56	4255.0	4.10	12.50	0.80	2.75	0.961	0.016	2.26	2449	1.91	0.21
MI	57	4433.3	4.24	11.22	0.85	2.92	0.932	0.017	2.27	2450	1.86	0.20
MI	58	4642.1	3.85	12.67	0.59	2.04	0.936	0.012	2.34	2456	1.88	0.20
MI	59	4826.5	3.72	11.93	0.91	3.12	0.894	0.019	2.21	2471	1.80	0.20
MI	60	5009.4	4.48	10.63	0.98	3.37	0.939	0.020	2.40	2475	1.90	0.21
MI	61	5192.3	3.70	12.89	0.79	2.69	0.925	0.015	2.46	2475	1.88	0.20
CS	62	2663.3	3.52	10.64	0.79	2.70	0.821	0.017	1.48	2370	1.54	0.17
CS	63	2442.7	5.47	4.45	1.17	3.99	0.841	0.027	2.28	2350	1.63	0.18
CS	64	2443.0	4.02	7.19	0.85	2.90	0.759	0.019	2.38	2350	1.50	0.16
CS	65	2443.3	4.08	7.78	0.44	1.53	0.788	0.010	2.31	2350	1.54	0.17
CS	66	2443.6	2.55	13.82	1.24	4.24	0.817	0.026	2.17	2350	1.58	0.17
CS	67	2444.5	3.54	7.28	0.41	1.42	0.702	0.010	2.20	2350	1.38	0.15
CS	68	2598.1	4.47	9.95	1.29	4.37	0.916	0.027	2.22	2350	1.75	0.19
CS	69	2597.8	3.89	10.02	1.35	4.60	0.846	0.029	2.17	2363	1.64	0.18
CS	70	2782.5	6.08	10.94	0.70	2.43	1.151	0.014	2.56	2378	2.21	0.24
Wilcox sandstones												
BU	71	2929.1	2.71	5.63	0.40	1.36	0.541	0.010	1.10	2300	0.99	0.07
BU	72	2918.2	2.53	5.49	0.55	1.88	0.512	0.014	1.11	2300	0.95	0.06
BU	73	2929.1	2.91	6.05	0.62	2.14	0.580	0.015	0.96	2280	1.04	0.07
BU	74	2845.9	1.17	2.69	0.25	0.86	0.244	0.008	0.52	2210	0.43	0.03
BU	75	2907.6	4.21	2.62	0.62	2.11	0.617	0.016	0.56	2250	1.06	0.07
BU	76	2913.6	1.75	4.25	0.25	0.91	0.367	0.007	0.59	2240	0.65	0.04
KO	77	1592.0	1.53	3.30	0.29	1.03	0.309	0.009	0.90	2540	0.65	0.04
KO	78	1587.1	3.77	4.81	0.33	1.15	0.642	0.008	1.36	2470	1.27	0.08
Frio sandstones												
CS	79	2747.8	2.90	10.63	0.79	2.71	0.754	0.017	1.30	1795	1.07	0.07
CS	80	2449.1	1.47	4.18	0.32	1.12	0.334	0.009	1.12	2067	0.58	0.04
CS	81	2451.5	4.16	7.82	0.87	2.97	0.800	0.019	2.33	1971	1.31	0.09
CS	82	2452.7	3.36	10.33	1.10	3.78	0.790	0.024	2.03	1977	1.28	0.09
CS	83	2453.3	4.91	9.24	1.31	4.47	0.944	0.028	2.35	1981	1.52	0.10
CS	84	2609.1	3.68	5.30	0.49	1.68	0.648	0.012	2.00	1819	0.99	0.06
CS	85	2609.4	2.92	7.38	0.66	2.28	0.631	0.015	1.83	1861	0.97	0.07
CS	86	2661.5	3.27	12.58	0.62	2.14	0.861	0.013	1.35	1908	1.29	0.08
CS	87	2736.2	3.86	3.97	0.68	2.34	0.623	0.017	1.40	1986	1.00	0.07
CS	88	2737.4	4.78	7.46	0.91	3.13	0.863	0.020	1.88	2028	1.41	0.09
CS	89	2742.3	3.37	10.10	0.54	1.89	0.784	0.012	1.17	1894	1.16	0.08
CS	90	2767.9	4.05	9.81	1.22	4.16	0.859	0.026	1.51	2122	1.44	0.10
CS	91	2745.0	6.89	6.44	1.39	5.16	1.089	0.031	1.20	1832	1.53	0.11
CS	92	2779.9	2.51	7.85	0.40	1.40	0.595	0.010	1.39	1906	0.92	0.06
CS	93	2777.9	4.14	11.84	0.66	2.26	0.942	0.014	1.81	1895	1.42	0.09
CS	94	2783.4	2.57	13.48	0.83	2.82	0.797	0.016	1.30	1903	1.19	0.08
Stuart City limestones												
SC	95	4094.1	1.67	5.24	0.33	1.14	0.397	0.008	0.58	2640	0.82	0.06
SC	96	4096.5	1.87	7.00	0.56	1.91	0.486	0.014	0.90	2660	1.03	0.07
SC	97	4101.1	0.73	0.06	0.04	0.18	0.094	0.004	0.00	2640	0.18	0.01
SC	98	4117.5	0.35	0.00	0.01	0.00	0.044	0.003	0.00	2550	0.08	0.01
SC	99	4144.7	0.28	0.00	0.01	0.00	0.035	0.003	0.00	2560	0.07	0.01
SC	100	4226.4	0.40	0.00	0.01	0.00	0.052	0.003	0.00	2490	0.09	0.01

Table 3. Radiogenic heat production data for sedimentary rocks from south Texas. Column headings are:

well ID = well identification as in Figure 1;
ID # = unique sample identification number;
depth in meters below land surface;
U = uranium concentration in parts per million by weight (ppm);
Th = thorium concentration in ppm;
U error = error associated with uranium concentration (ppm);
Th error = error associated with thorium concentration (ppm);
a = measured alpha -count rate in counts per kilosecond per square centimeter (cts/ks/cm2);

	a error = error associated with determination of measured alpha -count rate (cts/ks/cm2);						
	K = potassium concentration in weight percent (wt %);						
	r = bulk density in kilograms per cubic meter (kg/m3;						
	ID #s 1-70 estimated from Dickinson [1953]);						
	A = heat-production rate in microWatts per cubic meter (uW/ m3);						
	error = error associated with heat production rate (uW/ m3).						