ANH-Carretalito-1 Well, Rock Eval pyrolysis data

Depth (m)	TOC	TC	TS	S1	S2	S3	Tmax	HI	OI	PI	PY	S1/COT
137	3.86	3.86	0.00	0.08	4.02	1.00	432.00	104.23	25.93	0.02	4.10	0.02
141	2.67	2.67	0.08	0.08	2.54	0.95	433.00	95.23	35.62	0.03	2.62	0.03
141	50.18	50.18	0.31	1.78	78.42	14.10	425.00	156.28	28.10	0.02	80.20	0.04
143	1.90	1.90	0.00	0.07	1.15	0.86	431.00	60.56	45.29	0.06	1.22	0.04
143	36.35	36.35	0.35	1.12	48.47	9.38	427.00	133.34	25.80	0.02	49.59	0.03
147	2.50	2.50	0.00	0.06	1.90	0.90	434.00	75.97	35.98	0.03	1.96	0.02
148	55.06	55.06	0.37	1.01	68.85	15.20	427.00	125.05	27.61	0.01	69.86	0.02
149	23.67	23.67	0.15	0.47	25.50	6.46	429.00	107.75	27.30	0.02	25.97	0.02
150	28.37	28.37	0.31	0.93	36.07	6.79	427.00	127.15	23.93	0.03	37.00	0.03
152	31.03	31.03	1.00	0.77	45.18	7.83	427.00	145.61	25.24	0.02	45.95	0.02
153	1.58	1.58	0.09	0.05	0.96	0.68	431.00	60.80	43.06	0.05	1.01	0.03
155	2.18	2.18	0.00	0.07	1.01	1.40	434.00	46.30	64.18	0.06	1.08	0.03
157	2.04	2.04	0.00	0.05	1.14	1.01	436.00	55.75	49.39	0.04	1.19	0.02
159	55.76	55.76	0.33	1.07	72.34	13.80	428.00	129.74	24.75	0.01	73.41	0.02
160	31.55	31.55	0.31	0.53	37.74	6.72	427.00	119.62	21.30	0.01	38.27	0.02
162	26.13	26.13	0.24	0.46	24.55	5.74	430.00	93.94	21.96	0.02	25.01	0.02
164	65.90	65.90	0.55	1.04	131.27	9.80	423.00	199.19	14.87	0.01	132.31	0.02
165	64.29	64.29	0.63	1.11	108.40	11.31	423.00	168.60	17.59	0.01	109.51	0.02
166	66.58	66.58	0.62	1.45	143.70	10.78	425.00	215.84	16.19	0.01	145.15	0.02
170	0.56	0.56	0.06	0.08	0.34	0.16	425.00	61.12	28.76	0.19	0.42	0.14
174	1.71	1.71	0.01	0.05	0.18	0.28	440.00	10.53	16.38	0.22	0.23	0.03
176	0.29	0.29	0.39	0.06	0.13	0.10	420.00	44.92	34.55	0.32	0.19	0.21
176	0.41	0.41	0.03	0.06	0.24	0.14	426.00	58.54	34.15	0.20	0.30	0.15
182	1.31	1.31	0.13	0.07	0.85	0.40	430.00	64.89	30.54	0.08	0.92	0.05
183	13.06	13.06	16.23	0.43	2.83	5.11	414.00	21.67	39.12	0.13	3.26	0.03
183	2.09	2.09	0.47	0.08	1.12	0.60	430.00	53.60	28.71	0.07	1.20	0.04
184	65.79	65.79	0.86	1.33	119.88	10.72	423.00	182.22	16.29	0.01	121.21	0.02
187	1.32	1.32	0.19	0.10	0.55	0.49	431.00	41.78	37.22	0.15	0.65	0.08
188	0.94	0.94	0.03	0.10	1.06	0.21	432.00	113.21	22.43	0.09	1.16	0.11
189	1.18	1.18	0.00	0.06	0.64	0.45	429.00	54.29	38.17	0.09	0.70	0.05
204	12.84	12.84	8.50	0.94	21.03	3.47	425.00	163.79	27.03	0.04	21.97	0.07
207	69.20	69.20	0.52	1.22	124.67	9.53	426.00	180.16	13.77	0.01	125.89	0.02
207	68.51	68.51	0.51	1.37	124.60	9.41	425.00	181.87	13.73	0.01	125.97	0.02
208	59.84	59.84	1.36	1.00	85.41	10.78	427.00	142.73	18.01	0.01	86.41	0.02
209	58.33	58.33	0.52	1.34	96.48	9.52	425.00	165.41	16.32	0.01	97.82	0.02
210	69.63	69.63	0.50	1.05	113.49	10.44	424.00	162.99	14.99	0.01	114.54	0.02
212	67.61	67.61	0.44	0.77	103.35	9.46	424.00	152.86	13.99	0.01	104.12	0.01
213	5.90	5.90	4.86	0.14	1.94	1.94	415.00	32.89	32.89	0.07	2.08	0.02
214	3.67	3.67	0.57	0.15	3.28	1.10	432.00	89.26	29.94	0.04	3.43	0.04
216	3.41	3.41	0.31	0.13	3.00	1.12	429.00	88.10	32.89	0.04	3.13	0.04

Depth (m)	TOC	TC	TS	S1	S2	S3	Tmax	HI	OI	PI	PY	S1/COT
216	4.24	4.24	0.37	0.07	3.76	1.26	431.00	88.77	29.75	0.02	3.83	0.02
217	4.30	4.30	0.33	0.06	3.65	1.42	430.00	84.92	33.04	0.02	3.71	0.01
218	3.97	3.97	0.42	0.07	2.83	1.29	431.00	71.28	32.49	0.02	2.90	0.02
219	8.29	8.29	0.48	0.09	7.69	1.62	433.00	92.81	19.55	0.01	7.78	0.01
220	4.50	4.50	0.59	0.11	4.00	1.23	431.00	88.96	27.35	0.03	4.11	0.02
221	5.11	5.11	0.56	0.10	4.69	1.30	432.00	91.72	25.42	0.02	4.79	0.02
222	5.16	5.16	0.37	0.08	4.72	1.59	432.00	91.46	30.81	0.02	4.80	0.02
223	7.86	7.86	0.33	0.13	6.78	2.27	430.00	86.28	28.89	0.02	6.91	0.02
223	5.64	5.64	0.32	0.08	5.07	2.00	430.00	89.94	35.48	0.02	5.15	0.01
224	63.24	63.24	0.71	1.24	96.54	9.63	425.00	152.65	15.23	0.01	97.78	0.02
226	67.85	67.85	0.36	1.43	101.15	9.75	427.00	149.08	14.37	0.01	102.58	0.02
228	1.14	1.14	0.00	0.11	0.52	0.63	429.00	45.47	55.09	0.17	0.63	0.10
229	1.02	1.02	0.00	0.06	0.55	0.36	430.00	53.78	35.20	0.10	0.61	0.06
230	2.18	2.18	0.15	0.11	1.45	0.61	434.00	66.54	27.99	0.07	1.56	0.05
231	1.50	1.50	0.04	0.07	0.63	0.38	428.00	42.04	25.36	0.10	0.70	0.05
232	1.31	1.31	0.00	0.10	0.71	0.51	430.00	54.29	38.99	0.12	0.81	0.08
245	42.12	42.12	0.45	1.23	64.24	6.28	425.00	152.50	14.91	0.02	65.47	0.03
250	1.87	1.87	0.00	0.09	1.03	0.66	432.00	55.20	35.37	0.08	1.12	0.05
260	70.13	70.13	0.39	2.25	92.35	19.61	424.00	131.68	27.96	0.02	94.60	0.03
264	55.38	55.38	0.30	1.57	83.49	14.27	427.00	150.76	25.77	0.02	85.06	0.03
272	66.18	66.18	0.40	1.38	112.13	7.90	426.00	169.44	11.94	0.01	113.51	0.02
275	36.68	36.68	0.33	1.09	43.71	8.24	430.00	119.16	22.46	0.02	44.80	0.03
280	2.92	2.92	0.00	0.14	1.44	0.90	433.00	49.38	30.86	0.09	1.58	0.05
282	1.92	1.92	0.00	0.12	0.72	0.77	428.00	37.49	40.09	0.14	0.84	0.06
283	1.12	1.12	0.12	0.08	1.18	0.36	431.00	105.65	32.23	0.06	1.26	0.07
292	27.19	27.19	0.33	0.79	63.12	3.15	431.00	232.14	11.59	0.01	63.91	0.03
293	72.15	72.15	0.47	1.59	166.96	6.73	428.00	231.41	9.33	0.01	168.55	0.02
298	1.26	1.26	0.00	0.09	0.64	0.38	426.00	50.65	30.07	0.12	0.73	0.07
301	4.58	4.58	0.33	0.13	7.18	0.71	432.00	156.65	15.49	0.02	7.31	0.03
305	4.38	4.38	0.00	0.16	5.66	0.90	430.00	129.20	20.54	0.03	5.82	0.04
306	4.00	4.00	0.00	0.12	1.24	1.14	431.00	31.01	28.51	0.09	1.36	0.03
310	15.33	15.33	0.17	0.88	18.36	3.47	430.00	119.73	22.63	0.05	19.24	0.06
312	72.50	72.50	0.21	1.61	119.45	9.22	426.00	164.75	12.72	0.01	121.06	0.02
314	37.48	37.48	1.22	1.34	74.54	5.12	427.00	198.90	13.66	0.02	75.88	0.04
320	3.30	3.30	0.06	0.10	2.85	1.07	431.00	86.35	32.42	0.03	2.95	0.03
322	23.26	23.26	0.18	0.95	35.20	4.27	429.00	151.33	18.36	0.03	36.15	0.04
329	59.97	59.97	2.00	1.50	63.61	14.72	425.00	106.07	24.55	0.02	65.11	0.03
330	3.60	3.60	1.57	0.09	1.39	0.90	423.00	38.59	24.99	0.06	1.48	0.02
330	53.40	53.40	2.16	1.10	100.75	5.36	426.00	188.68	10.04	0.01	101.85	0.02
342	68.19	68.19	0.49	4.00	137.88	12.21	420.00	202.21	17.91	0.03	141.88	0.06

Depth (m)	TOC	TC	TS	S1	S2	S3	Tmax	HI	OI	PI	PY	S1/COT
345	3.78	3.78	0.09	0.13	3.17	0.91	428.00	83.75	24.04	0.04	3.30	0.03
346	46.18	46.18	0.33	1.72	121.29	6.32	429.00	262.64	13.69	0.01	123.01	0.04
348	23.29	23.29	1.62	0.81	76.99	3.93	433.00	330.64	16.88	0.01	77.80	0.03
349	66.81	66.81	0.22	2.12	114.84	9.38	427.00	171.90	14.04	0.02	116.96	0.03
350	0.77	0.77	0.01	0.08	0.58	0.21	430.00	75.63	27.38	0.12	0.66	0.10
359	46.43	46.43	1.73	1.19	53.09	9.50	428.00	114.34	20.46	0.02	54.28	0.03
363	2.82	2.82	0.00	0.12	2.44	1.10	432.00	86.41	38.95	0.05	2.56	0.04
365	11.62	11.62	1.09	0.99	33.75	2.49	434.00	290.37	21.42	0.03	34.74	0.09
366	2.40	2.40	0.11	0.10	2.69	0.71	432.00	111.98	29.56	0.04	2.79	0.04
368	6.53	6.53	0.34	0.22	10.35	1.49	430.00	158.60	22.83	0.02	10.57	0.03
371	5.03	5.03	0.45	0.19	7.52	1.45	424.00	149.39	28.80	0.02	7.71	0.04
374	2.22	2.22	0.15	0.09	1.26	0.90	429.00	56.87	40.62	0.07	1.35	0.04
376	3.31	3.31	0.18	0.11	2.50	1.44	431.00	75.54	43.51	0.04	2.61	0.03
379	64.52	64.52	0.11	1.76	118.91	7.07	428.00	184.29	10.96	0.01	120.67	0.03
382	70.21	70.21	0.12	2.85	142.78	8.47	427.00	203.37	12.06	0.02	145.63	0.04
384	68.61	68.61	0.15	2.59	121.35	9.43	426.00	176.88	13.75	0.02	123.94	0.04
388	59.42	59.42	2.51	1.59	58.49	14.40	427.00	98.43	24.23	0.03	60.08	0.03
407	70.24	70.24	0.28	1.92	150.66	6.04	428.00	214.49	8.60	0.01	152.58	0.03
417	68.68	68.68	0.35	2.23	143.19	5.64	425.00	208.48	8.21	0.02	145.42	0.03
441	50.68	50.68	0.29	1.16	92.57	5.59	428.00	182.67	11.03	0.01	93.73	0.02
448	65.60	65.60	0.63	1.83	122.41	6.42	426.00	186.60	9.79	0.01	124.24	0.03
472	3.75	3.75	1.06	0.09	2.31	0.71	427.00	61.65	18.95	0.04	2.40	0.02
483	69.54	69.54	0.42	1.68	132.28	7.33	427.00	190.23	10.54	0.01	133.96	0.02
512	67.29	67.29	0.44	1.84	141.22	6.83	427.00	209.88	10.15	0.01	143.06	0.03
566	69.67	69.67	0.36	1.48	130.47	5.91	427.00	187.26	8.48	0.01	131.95	0.02
591	5.89	5.89	0.51	0.13	7.20	0.64	428.00	122.34	10.87	0.02	7.33	0.02
633	12.61	12.61	9.01	0.68	25.02	0.99	425.00	198.39	7.85	0.03	25.70	0.05
636	4.95	4.95	2.16	0.24	10.12	0.38	433.00	204.43	7.68	0.02	10.36	0.05

ANH-Cañaboba-1 Well, Rock Eval pyrolysis data

Depth (m)	TOC	TC	TS	S1	S2	S3	Tmax	HI	OI	PI	PY	S1/COT
531	15.35	15.35	0.10	0.34	24.78	5.12	426.00	161.42	33.35	0.01	25.12	0.02
548	8.00	8.00	3.77	0.59	10.17	3.15	421.00	127.16	39.39	0.05	10.76	0.07
554	42.58	42.58	6.51	0.79	36.56	17.93	422.00	85.85	42.10	0.02	37.35	0.02
592	18.79	18.79	2.12	0.53	15.37	9.81	422.00	81.82	52.22	0.03	15.90	0.03
606	62.19	62.19	0.34	0.84	83.09	14.34	423.00	133.62	23.06	0.01	83.93	0.01
612	54.60	54.60	0.18	0.91	74.67	14.13	424.00	136.75	25.88	0.01	75.58	0.02
625	36.25	36.25	0.23	0.88	48.07	12.97	424.00	132.60	35.78	0.02	48.95	0.02
628	62.00	62.00	0.33	0.70	78.58	15.88	425.00	126.74	25.61	0.01	79.28	0.01
631	61.12	61.12	0.58	0.58	77.39	14.92	428.00	126.62	24.41	0.01	77.97	0.01
632	12.76	12.76	7.54	0.60	9.89	5.59	425.00	77.49	43.80	0.06	10.49	0.05
636	20.27	20.27	6.59	0.65	15.04	7.75	414.00	74.19	38.23	0.04	15.69	0.03
664	65.46	65.46	0.37	0.97	110.80	12.82	422.00	169.27	19.59	0.01	111.77	0.01
667	64.67	64.67	0.36	0.88	124.02	14.56	423.00	191.78	22.52	0.01	124.90	0.01
669	50.36	50.36	5.61	1.36	70.38	15.96	419.00	139.76	31.69	0.02	71.74	0.03
687	0.74	0.74	0.29	0.05	0.50	0.32	427.00	67.40	43.13	0.09	0.55	0.07
696	5.18	5.18	0.10	0.07	6.74	1.91	433.00	130.20	36.90	0.01	6.81	0.01
697	4.36	4.36	0.16	0.07	6.81	1.34	433.00	156.33	30.76	0.01	6.88	0.02
701	4.52	4.52	0.09	0.08	6.12	1.93	431.00	135.44	42.71	0.01	6.20	0.02
702	4.94	4.94	0.19	0.11	10.66	1.08	433.00	215.96	21.88	0.01	10.77	0.02

ANH-Carretalito-1 Well, vitrinite reflectance data

Depth (m)	% Ro (Min)	% Ro (Max)	Measurements (Number)	Standard deviation	% Ro (mean)	TOC	TS	HI
141	0.52	0.56	25	0.01	0.54	50.18	0.31	156.28
148	0.54	0.59	30	0.01	0.56	55.06	0.37	125.05
149	0.52	0.57	28	0.02	0.54	23.67	0.15	107.75
150	0.51	0.57	25	0.01	0.54	28.37	0.31	127.15
152	0.47	0.49	20	0.00	0.48	31.03	1.00	145.61
159	0.50	0.53	31	0.01	0.52	55.76	0.33	129.74
160	0.47	0.52	30	0.02	0.49	31.55	0.31	119.62
162	0.47	0.49	30	0.01	0.48	26.13	0.24	93.94
164	0.49	0.53	35	0.01	0.51	65.90	0.55	199.19
165	0.49	0.52	35	0.01	0.51	64.29	0.63	168.60
166	0.49	0.53	30	0.01	0.51	66.58	0.62	215.84
183	0.44	0.52	35	0.02	0.46	13.06	16.23	21.67
184	0.47	0.56	55	0.02	0.51	65.79	0.86	182.22
207	0.50	0.54	35	0.01	0.52	69.20	0.52	180.16
207	0.50	0.53	35	0.01	0.51	68.51	0.51	181.87
208	0.50	0.52	35	0.01	0.51	59.84	1.36	142.73
209	0.50	0.53	40	0.01	0.51	58.33	0.52	165.41
210	0.49	0.55	44	0.02	0.53	69.63	0.50	162.99
212	0.51	0.56	45	0.01	0.53	67.61	0.44	152.86
213	0.48	0.51	44	0.01	0.50	5.90	4.86	32.89
214	0.46	0.48	10	0.01	0.47	3.67	0.57	89.26
216	0.48	0.54	20	0.02	0.51	3.41	0.31	88.10
216	0.49	0.54	30	0.01	0.51	4.24	0.37	88.77
217	0.48	0.54	25	0.02	0.51	4.30	0.33	84.92
218	0.55	0.56	10	0.01	0.55	3.97	0.42	71.28
219	0.49	0.54	50	0.01	0.51	8.29	0.48	92.81
220	0.49	0.52	30	0.01	0.51	4.50	0.59	88.96
221	0.46	0.49	24	0.01	0.47	5.11	0.56	91.72
222	0.45	0.48	30	0.01	0.46	5.16	0.37	91.46
223	0.46	0.49	30	0.01	0.47	7.86	0.33	86.28
223	0.44	0.47	20	0.01	0.45	5.64	0.32	89.94
224	0.50	0.54	50	0.01	0.52	63.24	0.71	152.65
226	0.52	0.56	50	0.01	0.54	67.85	0.36	149.08
245	0.51	0.56	40	0.02	0.53	42.12	0.45	152.50
260	0.52	0.58	45	0.01	0.55	70.13	0.39	131.68
264	0.54	0.60	45	0.02	0.57	55.38	0.30	150.76
272	0.61	0.64	30	0.01	0.62	66.18	0.40	169.44
275	0.51	0.56	45	0.02	0.53	36.68	0.33	119.16
301	0.44	0.47	41	0.01	0.46	4.58	0.33	156.65

305	0.44	0.46	30	0.01	0.45	4.38	0.00	129.20
310	0.48	0.55	50	0.02	0.51	15.33	0.17	119.73

ANH-Cañaboba-1 Well, vitrinite reflectance data

Depth (m)	% Ro (Min)	% Ro (Max)	Measurements (Number)	Standard deviation	% Ro (mean)	TOC	TS	HI
531	0.35	0.37	30	0.00	0.36	15.35	0.10	161.42
548	0.35	0.38	40	0.01	0.37	8.00	3.77	127.16
554	0.37	0.39	45	0.00	0.38	42.58	6.51	85.85
592	0.34	0.38	40	0.01	0.37	18.79	2.12	81.82
606	0.37	0.40	45	0.01	0.38	62.19	0.34	133.62
612	0.35	0.39	40	0.01	0.37	54.60	0.18	136.75
625	0.37	0.41	40	0.02	0.39	36.25	0.23	132.60
628	0.37	0.41	35	0.01	0.39	62.00	0.33	126.74
631	0.38	0.41	45	0.01	0.40	61.12	0.58	126.62
632	0.35	0.42	60	0.02	0.37	12.76	7.54	77.49
636	0.35	0.40	60	0.02	0.37	20.27	6.59	74.19
664	0.39	0.40	70	0.02	0.39	65.46	0.37	169.27
667	0.36	0.43	70	0.02	0.39	64.67	0.36	191.78
669	0.37	0.42	65	0.01	0.39	50.36	5.61	139.76
696	0.38	0.43	20	0.02	0.40	5.18	0.10	130.20
697	0.37	0.41	20	0.01	0.39	4.36	0.16	156.33
701	0.39	0.39	3	0.00	0.39	4.52	0.09	135.44
702	0.40	0.47	25	0.02	0.43	4.94	0.19	215.96

Depth (m)	% Ro (Min)	% Ro (Max)	Measurements (Number)	Standard deviation	% Ro (mean)	TOC	TS	HI
312	0.53	0.57	50	0.01	0.54	72.50	0.21	164.75
314	0.50	0.55	45	0.02	0.52	37.48	1.22	198.90
320	0.51	0.55	25	0.01	0.53	3.30	0.06	86.35
322	0.52	0.57	40	0.02	0.54	23.26	0.18	151.33
329	0.50	0.54	40	0.01	0.52	59.97	2.00	106.07
330	0.47	0.50	20	0.01	0.48	3.60	1.57	38.59
330	0.53	0.62	60	0.02	0.57	53.40	2.16	188.68
342	0.48	0.52	50	0.01	0.50	68.19	0.49	202.21
349	0.50	0.56	50	0.02	0.53	66.81	0.22	171.90
359	0.50	0.56	35	0.01	0.53	46.43	1.73	114.34
365	0.50	0.51	5	0.00	0.50	11.62	1.09	290.37
366	0.48	0.48	10	0.00	0.48	2.40	0.11	111.98
368	0.50	0.52	15	0.01	0.50	6.53	0.34	158.60
371	0.48	0.48	5	0.00	0.48	5.03	0.45	149.39
374	0.49	0.50	15	0.01	0.49	2.22	0.15	56.87
376	0.51	0.57	55	0.01	0.54	3.31	0.18	75.54
379	0.50	0.57	50	0.02	0.53	64.52	0.11	184.29
382	0.54	0.61	55	0.01	0.58	70.21	0.12	203.37
384	0.58	0.56	50	0.01	0.57	68.61	0.15	176.88
388	0.58	0.56	50	0.01	0.57	59.42	2.51	98.43
407	0.55	0.59	55	0.01	0.57	70.24	0.28	214.49
417	0.54	0.60	50	0.02	0.56	68.68	0.35	208.48
441	0.50	0.58	55	0.02	0.54	50.68	0.29	182.67
448	0.54	0.61	50	0.02	0.57	65.60	0.63	186.60
472	0.51	0.58	40	0.02	0.54	3.75	1.06	61.65
483	0.54	0.59	50	0.02	0.56	69.54	0.42	190.23
512	0.53	0.61	50	0.02	0.57	67.29	0.44	209.88
566	0.54	0.62	60	0.02	0.57	69.67	0.36	187.26
591	0.49	0.56	55	0.02	0.52	5.89	0.51	122.34
633	0.48	0.49	15	0.00	0.48	12.61	9.01	198.39
636	0.45	0.48	35	0.01	0.46	4.95	2.16	204.43