

Table OA13. Hydrous pyrolysis liquid products.

Sample #	Formation	HP #	Temp (° C)	Rinse (g)		Free (g)	total g	X extent	HC/g rock mg/g	HC/g OC mg/g	Gravity (°API)	Sulfur (wt %)	Nickel (ppm)	Vanadium (ppm)	V/V+Ni
31A	Shublik	2467	300	0.0262	1		0.02618	0.00427	0.10	1.31					
31B	Shublik	2475	320	0.0999		0.125	0.22486	0.04092	0.90	11.26	ins				
31C	Shublik	2480	340	0.2239	2	1.076	1.29994	0.25281	5.20	65.08	29	2.73	13	40	0.75
31D	Shublik	2485	360	1.2309	2	3.353	4.58387	1.00000	18.34	229.48	27	2.49	8	26	0.76
							6.13485		24.54	307.13					
32	Canning	No liquid products at any temperature													
33A	Hue	2469	300	0.0190	1		0.019		0.07	2.24					
34A	Hue	2470	300	0.061		0.531	0.59195	0.1893	1.18	47.93	33	1.36	ins	ins	ins
34B	Hue	2473	320	0.0603		0.293	0.35328	0.30228	0.71	28.61	ins				
34C	Hue	2478	340	0.0984		1.069	1.16739	0.67561	2.33	94.53	26	1.56	67	53	0.44
34D	Hue	2483	360	0.6684		0.346	1.01443	1.00000	2.03	82.14	ins				
							3.12705		6.25	253.20					
35	Hue	No liquid products at any temperature													
36	Pebble Shale	No liquid products at any temperature													
37	Kingak	No liquid products at any temperature													
38B	Hue	2497	320	0.1214	1		0.12135		0.27	2.54					
42A	Hue	2491	300	0.0854		0.384	0.4694	0.15896	1.66	10.00	34				
42B	Hue	2495	320	0.1133		0.885	0.99828	0.49701	3.53	21.26	35	1.26	5	3	0.38
42C	Hue	2501	340	0.0878		0.435	0.52284	0.67407	1.85	11.14	37	1.86	ins	ins	ins
42D	Hue	2512	360	0.082		0.224	0.30603	1.00000	1.08	6.52	ins				
42D	Hue	2512	360	0.6565	2,3		0.65651		2.32	13.98					
							2.95306		10.43	62.90					

Free = oil floating on water (Appendix OA3, step 17)

Rinse = equipment rinse with benzene (Appendix OA3, step 21)

ins = insufficient sample size

1 = weight from sum of column chromatography fractions because all of sample was used

Sample # Formation HP # Temp Rinse Free total X extent HC/g rock HC/g OC Gravity Sulfur Nickel Vanadium V/V+Ni

2 = weight does not include insoluble residue on rinse vial

3 = second rinse includes reactor walls and water surface (after free oil and equipment rinse are taken)