

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Chorney Oil Company's Blue Gap Unit well A-1 drilled in SW1/4SW1/4
(547 feet N/S 518 feet E/W) of sec 34, T 15 N, R 93 W, Carbon County, Wyoming

Kelly Bushing elevation 7,249 feet

Sample number		Run No.	Yield of product				Specific gravity of oil at 60°/60° F	Properties of spent shale		Remarks
			Weight percent		Gas + loss	Gal per ton				
Laramie	Their		Oil	Water		Spent shale		Oil ^{1/}	Water	Tendency to coke
SBR70-7752-54	0- 90						No Oil			
SBR70-7755	90- 120	53352	0.4	4.9	92.1	2.6	1.0a	11.7	None	
SBR70-7756	120- 140	53353	.5	3.4	94.8	1.3	1.2a	8.1	None	
SBR70-7757	140- 170	53354	1.5	3.3	93.8	1.4	3.9a	7.9	None	
SBR70-7758	170- 190	53355	2.4	3.0	92.5	2.1	6.4	7.2	0.898	None
SBR70-7759	190- 220	53356	3.0	2.9	91.9	2.2	8.1	7.0	.895	None
SBR70-7760	220- 250	53357	3.5	2.8	91.8	1.9	9.4	6.6	.893	None
SBR70-7761	250- 280	53358	2.4	2.9	92.6	2.1	6.3	7.0	.904	None
SBR70-7762	280- 310	53359	3.2	2.8	92.3	1.7	8.4	6.8	.903	None
SBR70-7763	310- 340	53360	3.0	2.7	92.6	1.7	7.9	6.5	.909	None
SBR70-7764	340- 370	53361	2.8	2.5	92.8	1.9	7.5	5.9	.911	None
SBR70-7765	370- 400	53362	2.9	3.1	92.2	1.8	7.5	7.4	.918	None
SBR70-7766	400- 430	53363	2.3	2.6	93.1	2.0	6.0	6.4	.911	None
SBR70-7767	430- 460	53364	2.1	3.4	92.9	1.6	5.7	8.0	.904	None
SBR70-7768	460- 490	53365	1.7	3.4	93.1	1.8	4.5a	8.1	None	None
SBR70-7769	490- 520	53366	1.6	3.0	94.7	.7	4.0a	7.2	None	None
SBR70-7770	520- 550	53367	.8	3.4	95.0	.8	2.2a	8.1	None	None
SBR70-7771	550- 580	53368	.9	3.0	95.1	1.0	2.3a	7.2	None	None
SBR70-7772	580- 610	53369	.2	3.5	96.0	.3	.4a	8.4	None	None
SBR70-7773	610- 640	53370	.1	2.8	96.5	.6	.1a	6.7	None	None
SBR70-7774	640- 670	53371	.2	2.9	96.7	.2	.6a	7.0	None	None
SBR70-7775	670- 700						b			
SBR70-7776-77	700- 760						Trace			
SBR70-7778-89	910-1270						No Oil			
SBR70-7790-7804	1300-1720						No Oil			
SBR70-7805-06	1760-1820						No Oil			
SBR70-7807-11	1840-1980						No Oil			

^{1/} "a"--indicates specific gravity estimated as 0.92. Oil yields were estimated by a rapid test-tube method: "No oil", "Trace", "b"--less than 1 gal oil/ton.

Drill cutting samples received August 4, 1970; Assays made on air-dried samples