

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Pan American Petroleum Corporation's USA-Pan American "G" No. 1 well drilled in SE1/4SE1/4 (860 feet N/S 660 feet W/E) of sec 3, T 12 N, R 96 W, Sweetwater County, Wyoming

Rotary Bushing elevation 7,227 feet

Sample number		Run No.	Yield of product				Specific gravity of oil at 60°/60° F	Properties of spent shale		Remarks
			Weight percent		Spent shale	Gas + loss		Gal. per ton		
Laramie	Their		Oil	Water					Oil <sup>1/</sup>	Water
SBR67-6955-57	450- 540						No Oil			
SBR67-6958	540- 570						c			
SBR67-6959-62	570- 690						No Oil			
SBR67-6963	690- 720						Trace			
SBR67-6964	720- 750						No Oil			
SBR67-6965	750- 780	24875	0.8	2.6	95.1	1.5	2.1a	6.2		None
SBR67-6966	780- 810	24876	3.1	1.9	93.0	2.0	8.1	4.6	0.901	None
SBR67-6967	810- 840	24877	3.6	1.3	92.8	2.3	9.5	3.1	.902	None
SBR67-6968	840- 870	24878	3.5	2.4	92.7	1.4	9.4	5.8	.897	None
SBR67-6969	870- 900	24879	3.2	1.9	92.9	2.0	8.6	4.6	.898	None
SBR67-6970	900- 930	24880	3.2	2.6	92.1	2.1	8.4	6.2	.909	None
SBR67-6971	930- 960	24881	3.0	2.7	92.0	2.3	7.8	6.5	.915	None
SBR67-6972	960- 990	24882	2.7	3.1	92.3	1.9	7.0	7.4	.915	None
SBR67-6973	990-1020	24883	2.2	3.5	92.1	2.2	5.8	8.4	.924	None
SBR67-6974	1020-1050	24884	3.3	2.5	92.5	1.7	8.7	6.0	.916	None
SBR67-6975	1050-1080	24885	2.1	2.3	93.9	1.7	5.4	5.6	.918	None
SBR67-6976	1080-1110	24886	2.4	2.6	92.7	2.3	6.3	6.2	.909	None
SBR67-6977	1140-1170	24887	2.7	1.8	92.9	2.6	7.2	4.2	.913	None
SBR67-6978	1170-1200	24888	3.1	1.4	91.8	3.7	8.1	3.4	.910	None
SBR67-6979	1200-1230	24889	1.4	1.2	94.7	2.7	3.6a	2.8		None
SBR67-6980	1230-1260	24890	1.3	2.1	94.5	2.1	3.5a	5.0		None
SBR67-6981	1260-1290	24891	.8	1.2	96.6	1.4	2.1a	2.8		None
SBR67-6982	1290-1320	24892	.9	1.4	95.8	1.9	2.2a	3.4		None
SBR67-6983	1320-1350	24893	1.0	1.4	95.9	1.7	2.5a	3.5		None
SBR67-6984-86	1350-1440						b			
SBR67-6987-88	1440-1500						c			
SBR67-6989-7013	1520-2230						No Oil			
SBR67-7014	2230-2260						Trace			
SBR67-7015-19	2260-2410						No Oil			
SBR67-7020-24	2450-2600						No Oil			

See footnotes at end of table.

Drill cutting samples received September 2, 1966; Assays made on air dried samples

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Pan American Petroleum Corporation's USA-Pan American "G" No. 1 well (con.)

Rotary Bushing elevation 7,227

Sample number		Run No.	Yield of product				Gal. per ton		Specific gravity of oil at 60°/60° F	Properties of spent shale Tendency to coke	Remarks
			Weight percent		Spent shale	Gas + loss	Oil <sup>1/</sup>	Water			
Laramie	Their		Oil	Water							
SBR67-7025-26	2600-2660							Trace			
SBR67-7027	2660-2690							b			
SBR67-7028	2690-2720							No Oil			
SBR67-7029	2720-2750							Trace			
SBR67-7030-40	2750-3080							No Oil			
SBR67-7041-42	3110-3170							No Oil			

<sup>1/</sup> "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, "c"--1 to 3 gal oil/ton.

Drill cutting samples received September 2, 1966; Assays made on air-dried samples

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September 1, 1967