

U-23

61
23
1462'-15
26'-25
15'-30

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from H. M. Byllesby and Co., Incorporated's Agency corehole drilled 1109 feet S. 49° 41' W.
of E. 1/4 corner, sec. 1, T. 13 S., R. 20 E., Uintah County, Utah

Surface elevation - 5,836 feet

Mahogany Marker 5670

Sample number		Run No.	Yield of product				Gal. per ton		Specific gravity of oil at 60°/60°F.	Properties of spent shale	Remarks
Laramie	Their		Weight percent		Spent shale	Gas + loss	Oil	Water		Tendency to	
		Oil	Water								
SBR59-2149	14.5-16.0	60854	1.3	2.7	95.6	0.4	3.3a	6.5	0.913	none	
SBR59-2150	16.0-17.2	60855	2.1	4.0	93.1	.8	5.4	9.7		none	
SBR59-2151	17.2-21.3	60856	2.3	2.7	94.2	.8	6.0	6.6		.915	none
SBR59-2152	21.3-23.3	60857	2.3	3.4	93.7	.6	6.1	8.0	.913	none	
SBR59-2153	23.3-25.3	60858	2.5	2.5	94.5	.5	6.4	6.1	.916	none	
SBR59-2154	25.3-27.1	60859	2.3	3.2	93.6	.9	6.0	7.5	.922	none	
SBR59-2155	27.1-28.8	60860	3.2	2.7	93.4	.7	8.2	6.5	.924	none	
SBR59-2156	28.8-30.0	60861	2.0	3.2	94.1	.7	5.2	7.5	.923	none	
SBR59-2157	30.0-31.5	60862	4.1	1.6	93.6	.7	10.6	3.8	.919	none	
SBR59-2158	31.5-33.0	60863	1.7	2.1	95.6	.6	4.5a	5.0	.919	none	
SBR59-2159	33.0-34.8	60864	.4	1.1	98.1	.4	1.0a	2.6		none	
SBR59-2160	34.8-36.7	60865	.6	.6	98.4	.4	1.6a	1.4		none	
SBR59-2161	36.7-37.8	60866	.9	.3	98.6	.2	2.2a	.7	.915	none	
SBR59-2162	37.8-39.8	60867	.3	2.3	97.0	.4	.9a	5.4		none	
SBR59-2163	39.8-41.5	60868	.5	2.1	96.8	.6	1.3a	5.0		none	
SBR59-2164	41.5-43.6	60869	1.7	3.6	93.9	.8	4.5a	8.5	.919	none	
SBR59-2165	43.6-44.2	60870	6.5	2.3	90.0	1.2	16.9	5.5		none	
SBR59-2166	44.2-46.0	60871	1.9	2.6	94.3	1.2	4.8a	6.4		none	
SBR59-2167	46.0-47.7	60872	1.8	3.5	94.0	.7	4.6a	8.4	.915	none	
SBR59-2168	47.7-49.0	60873	2.0	3.5	93.8	.7	5.1a	8.4		none	
SBR59-2169	49.0-50.0	60874	3.4	3.0	92.7	.9	8.8	7.2		none	
SBR59-2170	50.0-51.5	60875	4.3	.2	94.8	.7	11.4	.5	.897	none	
SBR59-2171	51.5-53.0	60876	3.2	2.0	93.8	1.0	8.3	4.8	.917	none	
SBR59-2172	53.0-54.5	60877	4.8	2.2	92.0	1.0	12.5	5.3	.920	none	
SBR59-2173	54.5-56.0	60878	2.2	1.3	96.1	.4	5.6	3.1	.924	none	
SBR59-2174	56.0-57.7	60879	1.2	1.5	96.9	.4	3.1a	3.5	.923	none	
SBR59-2175	57.7-59.0	60880	2.4	2.0	95.0	.6	6.4	4.8		none	
SBR59-2176	59.0-61.0	60881	1.6	1.2	96.8	.4	4.0a	2.9		none	
SBR59-2177	61.0-63.2	60882	1.5	1.4	96.7	.4	3.9a	3.5	.923	none	
SBR59-2178	63.2-64.9	60883	1.8	1.9	95.7	.6	4.7a	4.7		none	

a. - specific gravity estimated due to insufficient oil.

Core samples received April 7, 1959;

made on air-dried samples.

Laramie Petroleum Research Center, Laramie, Wyo

4; Illustration No. SBR-2743P

May 11, 1959

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Samples from H. M. Byllesby and Co., Incorporated's Agency corehole drilled 1109 feet S. 49° 41' W.
of E. 1/4 corner, sec. 1, T. 13 S., R. 20 E., Uintah County, Utah

Surface elevation - 5,836 feet

			Yield of product				Specific gravity		Properties of		
Sample number		Run	Weight percent		Spent	Gas +	Gal. per ton		of oil at	spent shale	
Laramie	Their	No.	Oil	Water	shale	loss	Oil	Water	60°/60°F.	Tendency to coke	Remarks
SBR59-2179	64.9- 66.9	60884	.8	1.6	97.3	0.3	2.1a	3.8		none	
SBR59-2180	66.9- 68.6	60885	.9	1.8	97.0	.3	2.3a	4.2		none	
SBR59-2181	68.6- 69.7	60886	2.5	1.7	94.9	.9	6.5	4.1	0.922	none	
SBR59-2182	69.7- 71.7	60887	3.5	1.8	93.7	1.0	9.0	4.3	.925	none	
SBR59-2183	71.7- 73.7	60888	1.8	1.4	96.0	.8	4.6a	3.5		none	
SBR59-2184	73.7- 75.0	60889	2.2	1.4	95.5	.9	5.8	3.4	.922	none	
SBR59-2185	75.0- 76.0	60890	5.5	1.6	91.6	1.3	14.2	3.8	.922	none	
SBR59-2186	76.0- 78.0	60891	2.8	1.5	94.5	1.2	7.2	3.6	.926	none	
SBR59-2187	78.0- 79.7	60892	3.3	1.7	93.8	1.2	8.5	4.1	.927	none	
SBR59-2188	79.7- 81.0	60893	3.1	2.0	93.8	1.1	8.0	4.9	.925	none	
SBR59-2189	81.0- 82.2	60894	4.7	1.5	92.6	1.2	12.3	3.6	.923	none	
SBR59-2190	82.2- 83.3	60895	7.9	1.6	88.8	1.7	20.8	3.7	.917	none	
SBR59-2191	83.3- 84.6	60896	3.9	1.4	93.7	1.0	10.1	3.4	.921	none	
SBR59-2192	84.6- 85.9	60897	4.4	1.1	93.3	1.2	11.5	2.8	.917	none	
SBR59-2193	85.9- 87.0	60898	8.7	1.4	88.1	1.8	22.9	3.4	.914	none	
SBR59-2194	87.0- 88.2	60899	3.9	1.5	93.7	.9	10.0	3.6	.922	none	
SBR59-2195	88.2- 90.2	60900	1.4	1.2	96.8	.6	3.6a	2.9		none	
SBR59-2196	90.2- 91.5	60901	1.2	1.3	97.0	.5	3.0a	3.1		none	
SBR59-2197	91.5- 93.1	60902	.8	1.4	97.4	.4	2.0a	3.4		none	
SBR59-2198	93.1- 94.5	60903	1.4	.3	97.7	.6	3.6a	.7		none	
SBR59-2199	94.5- 95.6	60904	1.3	2.0	96.0	.7	3.4a	4.8		none	
SBR59-2200	95.6- 97.0	60905	2.3	2.4	94.6	.7	6.1	5.8	.914	none	
SBR59-2201	97.0- 98.7	60906	1.0	.3	98.3	.4	2.5a	.8		none	
SBR59-2202	98.7-100.6	60907	.4	.3	98.9	.4	1.0a	.7		none	
SBR59-2203	100.6-102.6	60908	.5	.9	98.2	.4	1.2a	2.2		none	
SBR59-2204	102.6-104.6	60909	.2	.7	98.7	.4	.5a	1.8		none	
SBR59-2205	104.6-106.6	60910	.4	.5	98.7	.4	1.0a	1.3		none	
SBR59-2206	106.6-108.6	60911	.2	1.0	98.5	.3	.6a	2.4		none	
SBR59-2207	108.6-110.6	60912	.4	.8	98.2	.6	1.0a	2.0		none	
SBR59-2208	110.6-112.2	60913	.6	1.0	97.7	.7	1.6a	2.4		none	

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of E. 1/4 corner, sec. 1, T. 13 S., R. 20 E., Uintah County, Utah

Surface elevation - 5,836 feet

Sample number		Run No.	Yield of product				Gal. per ton		Specific gravity of oil at 60°/60°F. ft x sq.	Properties of spent shale		Remarks
			Weight percent		Spent shale	Gas + loss				Tendency to		
			Laramie	Their			Oil	Water	Oil	Water	Sq.	
SBR59-2209	112.2-113.2	60914	2.5	1.8	94.7	1.0	6.6	1.3	.914		none	
SBR59-2210	113.2-114.2	60915	4.2	1.9	92.7	1.2	10.9	1.6	.912		none	
SBR59-2211	114.2-115.7	60918	1.6	1.6	96.2	.6	11.2a	3.7			none	
SBR59-2212	115.7-117.7	60919	1.5	1.7	95.7	1.1	3.8a	4.1			none	
SBR59-2213	117.7-118.8	60920	2.9	2.4	93.7	1.0	7.8	5.8	.907		none	
SBR59-2214	118.8-120.4	60921	7.8	1.8	88.8	1.6	20.4	1.3	.910		none	
SBR59-2215	120.4-121.5	60922	3.9	1.4	93.5	1.2	10.3	3.4	.915		none	
SBR59-2216	121.5-123.3	60923	3.2	1.3	94.3	1.2	8.4	3.1	.915		none	
SBR59-2217	123.3-125.0	60924	2.7	1.4	94.9	1.0	7.2	3.2	.916		none	
SBR59-2218	125.0-126.1	60925	4.7	2.0	92.0	1.3	12.2	4.8	.923		none	
SBR59-2219	126.1-127.2	60926	8.1	1.3	89.1	1.5	21.2	3.1	.921		none	
SBR59-2220	127.2-128.2	60927	6.3	1.2	91.1	1.4	16.3	3.0	.924		none	
SBR59-2221	128.2-129.2	60928	9.6	1.5	87.1	1.8	25.6	3.6	.899		none	
SBR59-2222	129.2-130.2	60929	14.8	1.2	81.7	2.3	39.6	3.0	.894		none	
SBR59-2223	130.2-131.1	60930	6.9	.8	91.0	1.3	18.5	1.8	.898		none	
SBR59-2224	131.1-133.0	60931	3.7	1.2	93.9	1.2	9.7	2.9	.915		none	
SBR59-2225	133.0-135.0	60932	2.7	.7	95.7	.9	7.0	1.8	.919		none	
SBR59-2226	135.0-137.0	60933	1.8	.7	96.8	.7	4.6a	1.8			none	
SBR59-2227	137.0-139.0	60934	2.5	.9	95.7	.9	6.5	2.0	.925		none	
SBR59-2228	139.0-141.0	60935	3.9	.6	94.5	1.0	10.1	1.6	.920		none	
SBR59-2229	141.0-143.0	60936	1.5	.6	97.2	.7	4.0a	1.3			none	
SBR59-2230	143.0-145.0	60937	1.4	.7	97.0	.9	3.6a	1.8			none	
SBR59-2231	145.0-147.0	60938	1.7	.6	97.1	.6	4.5a	1.3			none	
SBR59-2232	147.0-149.0	60939	1.4	.5	97.4	.7	3.6a	1.2			none	
SBR59-2233	149.0-151.0	60940	1.2	.8	97.3	.7	3.2a	1.8			none	
SBR59-2234	151.0-153.0	60941	1.0	.8	97.6	.6	2.5a	1.9			none	
SBR59-2235	153.0-154.5	60942	1.0	.5	98.1	.4	2.5a 1.5	1.3 2.65		3.97	none	3.97 9.93
SBR59-2236	154.5-156.4	60943	2.5	1.3	95.4	.8	6.7 1.9	3.0 2.54	.905	4.83	none	4.83 30.68 30.68
SBR59-2237	156.4-157.4	60944	4.8	1.0	93.1	1.1	12.6 1.0	2.4 2.43	.918	2.43	none	2.43 30.62 30.62
SBR59-2238	157.4-158.1	60945	16.1	2.0	79.3	2.6	42.4 0.7	4.8 1.98	.909	1.39	none	1.39 3.82 58.94 89.56

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of E. 1/4 corner, sec. 1, T. 13 S., R. 20 E., Uintah County, Utah

Surface elevation - 5,836 feet

Sample number		Run No.	Yield of product				Specific gravity				Properties of spent shale				Remarks	
			Weight percent		Spent shale	Gas + loss	Gal. per ton		of oil at 60°/60°F. A x Sq.	Tendency to coke	4 x Sq. cum.	4 x Sq. Remarks				
Laramie	Their	Oil	Water	Oil			Water	Oil					Water	Oil	Water	Oil
SBR59-2239	158.1-159.1	60946	8.4	1.6	88.0	2.0	22.2	1.0	3.8	2.26	.908	2.26	None	6.08	50.17	139.73
SBR59-2240	159.1-160.4	60947	6.2	1.3	91.1	1.4	16.6	1.3	3.2	2.35	.892	3.05	None	9.13	50.63	190.36
SBR59-2241	160.4-161.6	60948	5.9	1.0	91.6	1.5	15.6	1.2	2.4	2.37	.910	2.84	None	11.97	44.30	234.66
SBR59-2242	161.6-162.6	60949	9.7	1.3	87.1	1.9	25.4	1.0	3.1	2.21	.914	2.21	None	14.18	56.13	290.79
SBR59-2243	162.6-163.6	60950	9.1	1.2	88.0	1.7	24.0	1.0	2.8	2.23	.912	2.23	None	16.41	53.52	344.31
SBR59-2244	163.6-165.0	60951	15.5	1.3	80.0	3.2	41.2	1.4	3.0	1.99	.903	2.99	None	19.20	114.95	459.26
SBR59-2245	165.0-166.0	60952	19.6	1.5	75.3	3.6	51.9	1.0	3.6	1.87	.904	1.87	Medium	21.07	97.05	556.31
SBR59-2246	166.0-167.0	60953	24.3	2.0	68.9	4.8	64.4	1.0	4.9	1.73	.904	1.73	Medium	22.80	111.41	667.72
SBR59-2247	167.0-168.0	60954	13.4	.9	83.0	2.7	35.8	1.0	2.3	2.06	.896	2.06	None	24.86	73.75	741.47
SBR59-2248	168.0-169.0	60955	20.7	1.7	73.5	4.1	54.3	1.0	4.1	1.84	.912	1.84	Slight	26.70	99.91	841.38
SBR59-2249	169.0-170.0	60956	6.8	1.0	90.1	2.1	17.5	1.0	2.4	2.34	.924	2.34	None	29.04	40.95	982.33
SBR59-2250	170.0-171.0	60957	4.4	1.4	92.7	1.5	11.5	1.0	3.4	2.45	.921	2.45	None	31.49	28.17	910.50
SBR59-2251	171.0-172.1	60958	11.0	.8	86.2	2.0	29.0	1.1	1.8	2.16	.913	2.38	None	33.87	69.02	979.52
SBR59-2252	172.1-173.0	60959	5.0	.5	93.3	1.2	13.1	0.9	1.1	2.41	.925	2.17	None	36.04	28.43	1007.95
SBR59-2253	173.0-174.0	60960	5.6	.4	92.6	1.4	14.5	1.0	1.0	2.39	.922	2.39	None	38.43	34.65	1042.60
SBR59-2254	174.0-175.0	60961	6.6	.4	91.6	1.4	17.3	1.0	1.0	2.34	.908	2.34	None	40.77	40.48	1083.08
SBR59-2255	175.0-176.5	60962	14.7	1.4	81.2	2.7	38.9	1.5	3.5	2.03	.905	3.04	None	43.81	118.26	1201.34
SBR59-2256	176.5-177.7	60963	5.1	.9	92.7	1.3	13.8	1.2	2.3	2.40	.881	2.82	None	46.69	29.74	1241.08
SBR59-2257	177.7-178.7	60964	5.8	1.1	91.7	1.4	15.8	1.0	2.6	2.37	.882	2.37	None	49.06	37.45	1278.53
SBR59-2258	178.7-179.3	60965	13.4	2.0	82.0	2.6	35.8	0.6	4.8	2.06	.901	1.24	None	50.30	44.39	1322.92
SBR59-2259	179.3-180.4	60966	4.6	1.0	93.3	1.1	12.2	1.1	2.4	2.44	.915	2.68	None	52.98	32.70	1355.62
SBR59-2260	180.4-181.7	60967	2.2	.3	96.8	.7	5.7	1.3	.8	2.56		3.33	None	56.31	18.98	1374.60
SBR59-2261	181.7-183.2	60968	11.2	1.4	85.1	2.3	29.0	1.5	3.5	2.16	.921	3.24	None	59.55	93.96	1468.56
SBR59-2262	183.2-184.1	60969	3.4	1.2	94.4	1.0	8.8	0.9	3.0	2.51	.914	2.26	None	61.81	19.89	1488.45
SBR59-2263	184.1-185.1	60970	1.8	1.6	95.9	.7	4.8	1.0	3.8	2.58		2.58	None	64.39	12.38	1500.83
SBR59-2264	185.1-187.3	60971	1.3	.1	97.9	.7	3.3	2.2	.4	2.63		5.79	None	70.18	19.11	1519.94
SBR59-2265	187.3-188.6	60972	1.9	1.0	96.2	.9	5.0	1.3	2.4	2.58		3.35	None	73.53	16.75	1536.69
SBR59-2266	188.6-189.6	60973	2.9	1.6	94.5	1.0	7.6	1.0	3.8	2.52	.908	2.52	None	76.05	19.15	1555.84
SBR59-2267	189.6-190.6	60974	9.2	1.8	87.2	1.8	24.3	1.0	4.4	2.23	.907	2.23	None	78.28	54.18	1610.02
SBR59-2268	190.6-191.6	60975	10.6	1.3	86.4	1.7	28.5	1.0	3.1	2.16	.892	2.16	None	80.44	61.56	1671.50

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Laramie Petroleum Research Center, Laramie, Wyo. Ig; Illustration No. SHR-2748P

May 11, 1959

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of E. 1/4 corner, sec. 1, T. 13 S., R. 20 E., Uintah County, Utah

Surface elevation - 5,836 feet

Surface elevation - 5,030 feet			Yield of product				Specific gravity		Properties of spent shale		Remarks				
Sample number		Run No.	Weight percent		Gas + loss	Gal. per ton		of oil at 60°/60°F.	Tendency to coke						
Laramie	Thair		Oil	Water		Spent shale	Oil			Water					
SBR59-2269	191.6-192.6	60976	8.2	1.2	89.0	1.6	21.9	1.0	2.27	0.893	2.27	None	82.71	49.71	1721.29
SBR59-2270	192.6-193.6	60977	6.8	1.2	90.5	1.5	18.1	1.0	2.33	.905	2.33	None	85.04	42.17	1763.46
SBR59-2271	193.6-194.6	60978	8.1	1.7	88.4	1.8	21.7	1.0	2.26	.900	2.26	None	87.30	49.04	1812.50
SBR59-2272	194.6-195.8	60979	7.2	1.6	89.3	1.9	19.1	1.2	2.31	.899	2.17	None	90.07	52.91	1865.41
SBR59-2273	195.8-197.0	60980	4.8	1.8	91.9	1.5	12.8	1.2	2.42	.903	2.90	None	92.97	37.12	1902.53
SBR59-2274	197.0-198.3	60981	3.4	1.7	93.8	1.1	9.0	1.3	2.50	.919	3.25	None	96.22	29.25	1931.78
SBR59-2275	198.3-200.0	60982	1.4	.8	97.5	.3	3.5	1.7	2.62		4.45	None	100.67	15.57	1947.35
SBR59-2276	200.0-202.0	60983	1.8	1.4	96.3	.5	4.7	2.0	2.58		5.12	None	105.79	24.06	1971.41
SBR59-2277	202.0-203.0	60984	3.4	1.4	94.3	.9	8.9	1.0	2.50	.919	2.50	None	108.29	22.25	1993.60
SBR59-2278	203.0-204.0	60985	8.8	1.4	88.0	1.8	22.8	1.0	2.25	.925	2.25	None	110.54	51.30	2044.96
SBR59-2279	204.0-205.1	60986	3.0	1.1	95.1	.8	7.7	1.1	2.52	.922	2.77	None	113.31	21.33	2066.29
SBR59-2280	205.1-207.2	60987	1.4	.1	97.8	.7	3.7	2.1	2.62		5.50	None	118.81	20.35	2086.64
SBR59-2281	207.2-208.5	60988	2.2	.4	96.6	.8	5.8	1.3	2.57	.919	2.34	None	122.15	19.37	2106.01
SBR59-2282	208.5-210.0	60989	1.9	.2	97.3	.6	5.0	1.5	2.58		3.87	None	126.02	19.35	2125.36
SBR59-2283	210.0-211.1	60990	2.3	.5	96.7	.5	6.1	1.1	2.56	.902	2.82	None	128.84	17.20	2142.56
SBR59-2284	211.1-212.2	60991	5.2	1.4	92.3	1.1	13.7	1.1	2.40	.906	2.64	None	131.48	36.17	2178.73
SBR59-2285	212.2-213.2	60992	3.0	.6	95.8	.6	8.0	1.0	2.52	.891	2.52	None	134.00	20.16	2198.89
SBR59-2286	213.2-215.0	60993	.8	1.0	97.8	.4	2.1	1.8	2.5		4.79	None	138.79	10.06	2208.95
SBR59-2287	215.0-217.0	60994	.7	1.2	97.8	.3	1.9		2.9			None			
SBR59-2288	217.0-219.0	60995	1.0	1.7	96.9	.4	2.6		4.1			None			
SBR59-2289	219.0-220.0	60996	2.4	.9	95.8	.9	6.4		2.2	.905		None			
SBR59-2290	220.0-221.5	60997	8.5	1.2	88.6	1.7	22.1		2.8	.923		None			
SBR59-2291	221.5-223.0	60998	1.7	.8	96.9	.6	4.5		1.8			None			
SBR59-2292	223.0-225.0	60999	1.3	.8	97.2	.7	3.5		1.8			None			
SBR59-2293	225.0-226.2	61000	2.6	1.2	95.4	.8	6.9		2.9	.908		None			
SBR59-2294	226.2-227.0	61001	13.4	1.4	82.8	2.4	35.1		3.4	.914		None			
SBR59-2295	227.0-228.5	61002	.3	.8	98.3	.6	1.7		1.9			None			
SBR59-2296	228.5-229.2	61003	.8	1.2	97.2	.8	2.1		2.9			None			
SBR59-2297	229.2-230.2	61004	4.8	.8	93.0	1.4	12.5		2.0	.922		None			
SBR59-2298	230.2-231.7	61005	4.3	1.6	92.9	1.2	11.3		3.8	.920		None			

a - specific gravity estimated due to insufficient oil.

Core samples received April 7, 1959; assays made on air-dried samples.

Laramie Petroleum Research Center, Laramie, Wyoming; Illustration No. SBR-2747P

May 11, 1959

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from H. M. Byllesby and Co., Incorporated's Agency corehole drilled 1109 feet S. 49° 41' W. of E. 1/4 corner, sec. 1, T. 13 S., R. 20 E., Uintah County, Utah

Surface elevation - 5,836 feet

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					
Laramie	Their		Oil	Water					Oil	Water	
SBR59-2299	231.7-232.7	61006	4.0	.5	94.6	.9	10.5	1.2	0.913	None	
SBR59-2300	232.7-233.7	61007	2.2	1.3	96.0	.5	5.8	3.0	.921	None	
SBR59-2301	233.7-235.0	61008	.8	.2	98.7	.3	2.2a	.4		None	
SBR59-2302	235.0-236.0	61009	1.4	.1	98.1	.4	3.5a	.4		None	
SBR59-2303	236.0-238.0	61010	.6	.3	98.6	.5	1.5a	.8		None	
SBR59-2304	238.0-239.5	61011	.4	.2	99.0	.4	1.0a	.6		None	
SBR59-2305	239.5-240.7	61012	1.7	.1	97.6	.6	4.5a	.2		None	
SBR59-2306	240.7-242.0	61013	No oil	.3	99.4	.3	No oil	.8		None	
SBR59-2307	242.0-244.0	61014	.4	.4	98.4	.8	1.1a	1.0		None	
SBR59-2308	244.0-246.0	61015	.1	.4	99.0	.5	.2a	1.1		None	
SBR59-2309	246.0-248.0	61016	.2	.5	98.6	.7	.4a	1.3		None	
SBR59-2310	248.0-250.0	61017	.1	.8	98.4	.7	.3a	1.8		None	
SBR59-2311	250.0-251.6	61018	No oil	.7	98.7	.6	No oil	1.7		None	
SBR59-2312	251.6-253.6	61019	1.3	.0	98.1	.6	3.4a	.0		None	
SBR59-2313	253.6-255.5	61020	.8	.1	98.3	.8	2.1a	.2		None	
SBR59-2314	255.5-257.0	61021	.9	.2	98.3	.6	2.4a	.5		None	
SBR59-2315	257.0-257.8	61022	3.1	.6	95.5	.8	8.1	1.3	.924	None	
SBR59-2316	257.8-258.5	61023	5.3	1.1	92.7	.9	13.7	2.6	.925	None	
SBR59-2317	258.5-259.2	61024	4.2	.5	94.5	.8	11.0	1.2	.913	None	
SBR59-2318	259.2-260.5	61025	2.3	.6	96.6	.5	6.2	1.4	.905	None	

a - specific gravity estimated due to insufficient oil.

Core samples received April 7, 1959; assays made on air-dried samples.

Laramie Petroleum Research Center, Laramie, Wyoming; Illustration No. SBR-2748P

May 11, 1959