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OIL-SHALE ASSAYS BY MODIFIED FISCHER PETROT METHOD

Samples from General Petroleum Corporation's corehole 55-15, drilled 2,735.21 ft. S and 2,248.67 ft. W of NE corner, sec. 15, T. 10 S., R. 25 E., Uintah County, Utah

Surface elevation - 6312.4 feet

Mahogany marker at 90.5 feet

Sample number	Run No.	Yield of product				Specific gravity		Properties of spent shale		Remarks	
		Weight percent		Gas loss	Gal. per ton		of oil at 60°/60° F.	Tendency to			
Laramie	Their	Oil	Water		shale	Oil			Water	coke	
SBR57-5929	5.0-15.0	51296	5.0	0.6	93.7	0.7	13.0	1.3	0.930	none	314.60
SBR57-5930	15.0-17.0	51297	2.7	.6	96.1	.6	7.0	1.3	.934	none	27.2
SBR57-5931	17.0-22.0	51298	5.2	.9	93.0	.9	13.3	2.2	.930	none	150.4
SBR57-5932	23.5-33.5	51299	5.1	.7	93.1	1.1	13.2	1.6	.930	none	319.44
SBR57-5933	33.5-40.5	51300	3.5	.5	95.0	1.0	9.0	1.2	.936	none	152.2
SBR57-5934	40.5-46.0	51301	4.4	.7	93.9	1.0	11.4	1.7	.935	none	1136.60
SBR57-5935	46.0-47.0	51302	13.8	1.0	82.6	2.6	35.7	2.4	.929	none	37.90
SBR57-5936	47.0-52.5	51303	5.2	.5	92.8	1.5	13.3	1.3	.929	none	112.6
SBR57-5937	52.5-53.0	51312	15.0	1.1	81.0	2.9	38.8	2.6	.924	none	13.2
SBR57-5938	53.0-55.5	51313	6.3	.6	91.6	1.5	16.5	1.4	.919	none	142.2
SBR57-5939	55.5-56.5	51314	14.6	1.3	81.1	3.0	38.3	3.2	.913	none	150.7
SBR57-5940	56.5-66.5	51315	2.0	.6	96.6	.8	5.1	1.6	.929	none	172.04
SBR57-5941	66.5-70.5	51316	3.5	.5	94.9	1.1	9.1	1.3	.915	none	91.01
SBR57-5942	70.5-72.0	51317	12.2	.9	82.7	4.2	31.8	2.2	.917	none	101.12
SBR57-5943	72.0-75.0	51318	5.8	1.2	91.3	1.7	15.1	2.9	.919	none	107.81
SBR57-5944	75.0-78.0	51319	8.1	1.8	88.6	1.5	20.9	4.3	.925	none	142.2
SBR57-5945	78.0-82.0	51320	11.9	1.7	84.0	2.4	31.2	4.1	.915	none	234.2
SBR57-5946	82.0-90.5	51321	6.4	1.1	91.2	1.3	16.7	2.6	.918	none	3.66
SBR57-5947	90.5-91.01	51322	8.8	4.8	85.4	1.0	23.7	11.5	.885	none	20.41
SBR57-5948	91.0-95.0	51323	6.2	.6	92.2	1.0	16.3	1.6	.904	none	153.87
SBR57-5949	95.0-96.0	51324	17.3	1.8	77.5	3.4	45.2	4.3	.920	none	88.14
SBR57-5950	96.0-100.5	51325	8.6	1.2	88.7	1.5	22.5	2.9	.913	none	27.12
SBR57-5951	100.5-108.0	51326	20.1	1.9	74.3	3.7	53.0	4.6	.908	slight	74.35
SBR57-5952	108.0-109.5	51327	7.6	1.4	89.5	1.5	19.8	3.4	.926	none	3.48
SBR57-5953	109.5-110.5	51328	16.3	.9	79.9	2.9	42.2	2.3	.925	slight	1.98
SBR57-5954	110.5-112.0	51329	6.2	.3	92.1	1.4	16.1	.8	.918	none	3.54
SBR57-5955	112.0-113.5	51330	21.2	1.2	74.0	3.6	55.3	2.9	.920	slight	2.75
SBR57-5956	113.5-114.5	51331	14.1	1.2	82.2	2.5	37.5	2.9	.902	none	241.15
SBR57-5957	114.5-115.5	51332	17.1	1.3	78.5	3.1	45.1	3.1	.909	slight	1.95
SBR57-5958	115.5-117.5	51333	8.1	1.1	89.3	1.5	21.8	2.6	.892	none	224.52

1/ Sample was tar impregnated.

Core samples received October 25, 1957; assays made on air-dried samples.

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Sample number		Run No.	Yield of product				Gal. per ton		Specific gravity of oil at 60°/60° F.	Properties of spent shale		
			Weight percent		Gas + loss	Tendency to coke						
Laramie	Thier		Oil	Water		shale		Oil	Water			Remarks
SBR57-5959	117.5-118.5	51334	13.0	1.3	83.0	2.7	34.1	3.1	0.916	slight	256.71	71.21 4657.59
SBR57-5960	118.5-121.0	51335	6.1	.9	91.4	1.6	15.9	2.5	0.920	none	242.00	14.12 4701.77
SBR57-5961	121.0-122.5	51336	16.6	1.7	78.3	3.4	42.9	4.1	0.926	slight	255.00	12.41 4829.11
SBR57-5962	122.5-127.0	51337	5.2	1.1	92.2	1.5	13.3	4.0	0.927	none	270.15	14.00 4972.01
SBR57-5963	127.0-131.5	51338	11.9	1.2	84.6	2.3	31.5	4.0	0.906	slight	277.65	30.00 5274.11
SBR57-5964	131.5-136.5	51339	5.9	1.0	91.4	1.7	15.3	5.0	0.919	none	271.24	12.41 5453.21
SBR57-5965	136.5-137.5	51340	9.1	1.1	87.6	2.2	23.6	1.0	0.926	none	271.00	56.60 5511.28
SBR57-5966	137.5-143.0	51341	3.4	.3	94.5	1.8	8.7	.7	0.928	none	272.00	12.00 5671.43
SBR57-5967	143.5-144.5	51342	3.5	.7	94.5	1.3	9.2	1.7	0.925	none	310.24	2.00 5674.43
SBR57-5968	144.5-146.3	51343	9.7	.9	87.1	2.3	25.2	1.5	0.925	slight	272.27	11.00 5752.50

Core samples received October 25, 1957; assays made on air-dried samples.