

U-40

62'-20
39'-25
29'-30

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from General Petroleum Corporation's core hole 42-29 drilled 808.4 feet S. 10° 26' W. (799.04 feet S. and 116.39 feet W.) of NE 1/4 corner, Sec. 29, T. 12S., R. 25E., Uintah County, Utah

Surface elevation 6,799.31 feet

Mahogany Marker at 13.0 feet

Mahogany Marker 6772.8		Yield of product					Specific gravity		Properties of spent shale					Remarks	
Sample number		Run No.	Weight percent		Gas +	Gal. per ton		of oil at 60°/60° F.		Tendency to coke		Ax Sq	Ax Sq	Ax Sq	
Laramie	Shair	No.	Oil	Water	Spent shale	loss	Oil	Water	60°/60° F.	Ax Sq	coke	Ax Sq	Ax Sq	Ax Sq	
SBR57-5283	0.0-5.0	50696	6.6	1.8	89.5	2.1	17.4	5.0	1.234	11.70	none	11.70	203.58	208.58	
SBR57-5284	5.0-10.0	50697	4.5	1.9	91.9	1.7	11.6	5.0	1.245	12.25	none	23.95	142.10	345.68	
SBR57-5285	10.0-13.0	50698	5.4	1.1	91.9	1.6	14.2	3.0	1.240	7.20	none	31.15	102.24	447.92	
SBR57-5286	13.0-13.5	50699	2.5	4.8	92.1	.6	6.6	0.5	1.255	1.27	none	32.42	8.38	456.30	
SBR57-5287	13.5-15.5	50700	3.9	1.0	93.8	1.3	10.3	2.0	1.247	4.94	slight	37.36	50.88	507.18	
SBR57-5288	15.5-17.0	50701	12.6	1.3	83.2	2.9	32.9	1.5	1.210	3.15	none	40.51	103.63	610.81	
SBR57-5289	17.0-20.5	50702	7.6	.7	89.7	2.0	20.1	3.5	1.229	8.01	none	48.52	161.00	771.81	
SBR57-5290	20.5-26.0	50703	18.0	1.4	75.9	4.7	47.6	5.5	1.192	10.56	medium	59.08	502.66	1274.47	
SBR57-5291	26.0-26.5	50704	11.6	.6	85.9	1.9	31.2	0.5	1.213	1.07	slight	60.15	33.23	1307.70	
SBR57-5292	26.5-28.0	50705	21.8	1.8	72.2	4.2	57.0	1.5	1.181	2.71	medium	62.86	154.47	1462.17	
SBR57-5293	28.0-30.5	50706	7.7	.8	89.7	1.8	20.1	2.5	1.229	5.73	none	68.59	115.07	1577.24	
SBR57-5294	30.5-31.0	50707	14.6	1.2	81.5	2.7	38.1	0.5	1.204	1.02	slight	69.61	38.86	1616.10	
SBR57-5295	31.0-32.0	50708	6.2	.5	92.0	1.3	16.2	1.0	1.236	2.36	none	71.97	38.23	1654.33	
SBR57-5296	32.0-33.5	50709	19.6	1.5	75.7	3.2	51.2	1.5	1.188	2.82	medium	74.79	144.38	1798.71	
SBR57-5297	33.5-34.5	50710	5.6	1.3	91.8	1.3	15.0	1.0	1.238	2.38	none	77.17	35.70	1834.41	
SBR57-5298	34.5-35.0	50711	16.1	1.3	78.7	3.9	41.9	0.5	1.199	0.99	slight	78.16	41.48	1875.69	
SBR57-5299	35.0-37.0	50712	6.4	.6	91.5	1.5	16.6	2.0	1.235	4.70	none	82.86	78.02	1953.91	
SBR57-5300	37.0-38.0	50713	17.3	1.8	77.5	3.4	44.8	1.0	1.195	1.95	slight	84.81	87.36	2041.27	
SBR57-5301	38.0-40.5	50714	5.2	.8	92.7	1.3	13.5	2.5	1.241	6.02	none	90.83	81.27	2122.54	
SBR57-5302	40.5-41.5	50715	16.2	1.4	79.6	2.8	42.8	1.0	1.197	1.97	none	92.80	84.32	2206.86	
SBR57-5303	41.5-44.0	50716	9.7	.9	87.3	2.1	25.9	3.5	1.220	7.70	none	100.50	199.43	2406.29	
SBR57-5304	44.0-48.0	50717	5.0	.8	93.0	1.2	13.1	4.0	1.242	9.68	none	110.18	126.81	2533.10	
SBR57-5305	48.0-48.5	50718	11.2	1.3	85.4	2.1	29.0	0.5	1.216	1.08	none	111.26	31.32	2564.42	
SBR57-5306	48.5-52.0	50719	2.5	1.0	95.6	.9	6.4	3.5	1.255	8.93	none	120.19	57.12	2621.54	
SBR57-5307	52.0-53.0	50720	12.5	1.0	84.7	1.8	32.5	4.0	1.211	2.11	slight	122.30	68.57	2690.11	
SBR57-5308	53.0-54.0	50721	2.6	.6	95.9	.9	6.7	1.0	1.254	2.54	none	124.84	17.02	2707.13	
SBR57-5309	54.0-55.0	50722	8.4	1.0	88.8	1.7	22.0	1.0	1.226	2.26	none	127.10	49.72	2756.85	
SBR57-5310	55.0-57.5 ✓	50723	2.4	.7	96.2	.7	6.3	2.5	1.255	6.37	none	133.47	40.13	2796.98	
SBR57-5311	59.0-62.2	50724	1.7	.7	97.1	.5	4.4	3.2	1.260	8.32	none	141.79	36.61	2833.59	

1/ 57.5-59 feet - wavy bed. Not samples

a. - specific gravity estimated due to insufficient oil.

Core samples received September 24, 1957; assays made on air-dried samples.

Per

and Oil-Shale Experiment Station, Laramie,

Illustration No. SBR-2069P

October 3, 1957