

4399

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from General Petroleum Corporation's 63-2 well located in the NE 1/4, SW 1/4, NE 1/4 of Sec. 2, T. 10 S., R. 21 E., Uintah County, Utah

Kelly Bushing Elevation 5,206 feet

#157

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	Length sample in in.
			Weight percent		Spent shale	Gas + loss					
Laramie	Thier		Oil	Water					Oil	Water	
SBR56-902	2474-2486	43010	2.0	1.1	96.4	0.5	4.9a	2.6		None	26
SBR56-903	2486-2502	43011	1.9	.8	96.8	.5	4.7a	1.9		None	48
SBR56-904	2502-2512	43012	4.2	.9	94.1	.8	10.9 ⁹⁹⁰	2.3	0.912	None	46
SBR56-905	2512-2517	43013	6.3	1.3	90.9	1.5	16.7	3.1	.910	None	4
SBR56-906	2517-2535	43014	.5	1.0	98.1	.4	1.3a	2.4		None	55
SBR56-907	2535-2550	43015	1.2	1.8	96.9	.1	2.9a	4.4		None	13
SBR56-908	2561-2572	43016	.9	1.7	96.7	.7	2.2a	4.2		None	44
SBR56-909	2572-2576	43017	2.0	2.2	95.3	.5	5.2	5.3	.912	None	13
SBR56-910	2576-2591	43018	1.3	1.2	97.3	.2	3.2a	2.9		None	73
SBR56-911	2591-2596	43031	2.8	1.7	94.8	.7	7.2	4.1	.921	None	31
SBR56-912	2596-2606	43020	5.0	2.0	92.0	1.0	13.2	4.7	.911	None	56
SBR56-913	2606-2617	43021	4.4	2.2	92.3	1.1	11.4	5.3	.926	None	63
SBR56-914	2617-2621	43022	2.0	1.2	96.1	.7	5.2	2.9	.916	None	6
SBR56-915	2621-2634	43023	2.2	.7	96.2	.9	5.9	1.6	.901	None	46
SBR56-916	2634-2648	43024	2.4	.6	96.5	.5	6.3	1.4	.899	None	41
SBR56-917	2648-2655	43025	1.1	.3	97.9	.7	2.8a	7.2		None	25
SBR56-918	2655-2678	43026	1.9	1.3	95.9	.9	4.9a	3.0		None	24
SBR56-919	2678-2683	43027	.8	.9	97.6	.7	1.9a	2.2		None	11
SBR56-920	2683-2698	43028	1.3	1.3	97.4	.4	3.4a	3.1		None	56
SBR56-921	2698-2703	43029	1.5	.5	97.3	.7	3.8a	1.1		None	15
SBR56-922	2703-2710	43030	1.4	.7	96.8	1.1	3.6a	1.6		None	13
SBR56-923	2710-2725	43032	3.4	1.0	94.9	.7	9.1	2.4	.900	None	51
SBR56-924	2725-2740	43033	5.1	1.5	92.3	1.1	13.4	3.6	.910	None	40
SBR56-925	2740-2755	43034	3.1	1.7	94.1	1.1	7.9	4.1	.922	None	66
SBR56-926	2755-2770	43035	4.5	1.9	92.7	.9	11.9	4.6	.899	None	39
SBR56-927	2770-2774	43036	2.1	.5	97.2	.2	5.8	1.1	.893	None	13
SBR56-928	2774-2785	43037	2.6	1.2	95.7	.5	7.0	2.9	.894	None	55
SBR56-929	2785-2798	43038	.9	1.5	97.2	.4	2.2a	3.6		None	65
SBR56-930	2798-2813	43039	.0	2.3	96.8	.9	None	5.4		None	44
SBR56-931	2813-2828	43040	.0	1.0	98.7	.3	None	2.3		None	44

a - Estimated. 1/ Five feet (2663 to 2668) not sampled.

Core samples received July 16, 1954; assays made on air-dried samples.

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from General Petroleum Corporation's 63-2 well located in the NE 1/4, SW 1/4, NE 1/4
of Sec. 2, T. 10 S., R. 21 E., Uintah County, Utah

Kelly Bushing Elevation 5,206 feet

Sample number		Run No.	Yield of product				Cal. per ton		Specific gravity of oil at 60°/60° F.	Properties of spent shale Tendency to coke	Length of sample in inches
			Weight percent		Spent shale	Gas + loss					
Laramie	Thair		Oil	Water					Oil	Water	
SHR56-932	2828-2838	43041	Trace	1.5	98.2	0.3	Trace	3.6		None	22
SHR56-933	2838-2843	43042	0.0	2.0	97.5	.5	None	4.8		None	12
SHR56-934	2843-2858	43043	Trace	2.3	96.8	.9	Trace	5.4		None	56
SHR56-935	2858-2872	43044	Trace	2.8	96.1	1.1	Trace	6.7		None	38
SHR56-936	2872-2874	43045	Trace	2.8	96.2	1.0	Trace	6.6		None	4
SHR56-937	2874-2889	43046	4.5	1.2	92.8	1.5	11.8	3.0	0.910	None	46
SHR56-938	2889-2904	43047	3.1	1.1	94.9	.9	8.3	2.6	.899	None	36
SHR56-939	2904-2915	43048	2.2	1.5	95.4	.9	5.8	3.6	.893	None	30
SHR56-940	2915-2919	43049	4.3	1.9	92.7	1.1	11.5	4.6	.898	None	8
SHR56-941	2919-2933	43050	5.4	1.4	91.9	1.3	11.3	3.2	.905	None	43
SHR56-942	2933-2945	43051	2.3	1.4	95.3	1.0	6.0	3.4	.905	None	32
SHR56-943	2945-2957	43052	.4	2.1	97.0	.5	1.0a	4.9		None	32
SHR56-944	2957-2963	43053	2.1	1.4	95.6	.9	5.5	3.4	.903	None	10
SHR56-945	2963-2975	43054	3.3	1.0	94.6	1.1	8.7	2.4	.898	None	12
SHR56-946	2975-2990	43055	.0	1.7	98.3	.0	None	4.0		None	54
SHR56-947	2990-3000	43056	Trace	1.8	98.0	.2	Trace	4.3		None	19
SHR56-948	3000-3005	43057	Trace	2.2	97.3	.5	Trace	5.2		None	18
SHR56-949	3005-3020	43058	.4	1.9	97.3	.4	1.0a	4.4		None	20
SHR56-950	3020-3035	43059	.1	2.0	97.7	.2	.3a	4.8		None	38
SHR56-951	3035-3036	43060	Trace	2.7	96.5	.8	Trace	6.5		None	4
SHR56-952	3036-3038	43061	.2	2.8	96.3	.7	.6a	6.7		None	12
SHR56-953	3038-3049	43062	.8	.2	98.7	.3	2.0a	.6		None	20
SHR56-954	3064-3079	43063	.3	.6	98.8	.3	.8a	1.3		None	52
SHR56-955	3079-3083	43064	.2	.0	99.7	.1	.5a	.1		None	32
SHR56-956	3083-3094	43065	.5	.1	99.2	.2	1.3a	.2		None	52
SHR56-957	3094-3109	43066	Trace	.7	99.2	.1	Trace	1.6		None	5
SHR56-958	3109-3110	43067	Trace	2.0	97.5	.5	Trace	4.8		None	8
SHR56-959	3110-3124	43068	.2	.6	99.2	.0	.5a	1.4		None	56
SHR56-960	3124-3137	43069	.0	2.1	97.7	.2	None	5.0		None	59
SHR56-961	3137-3139	43070	.0	2.3	97.5	.2	None	5.4		None	6

a - Estimated.

Core samples received July 16, 1954; assays made on air-dried samples.

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from General Petroleum Corporation's 63-2 well located in the NE 1/4, SW 1/4, NE 1/4
of Sec. 2, T. 10 S., R. 21 E., Uintah County, Utah

Kelly Bushing Elevation 5,206 feet

			Yield of product						Specific gravity of oil at 60°/60° F.	Properties of spent shale Tendency to coke	Length of sample in inches
Sample number		Run No.	Weight percent		Spent shale	Gas + loss	Gal. per ton				
			Oil	Water			Oil	Water			
Laramie	Their										
SER56-962	3139-3154	43071	0.0	1.7	97.7	0.6	None	4.1		None	66
SER56-963	3154-3169	43072	.0	2.1	97.3	.6	None	4.9		None	40
SER56-964	3169-3199	43073	.0	1.3	97.9	.8	None	3.1		None	12
SER56-965	3199-3215	43074	.0	1.7	97.6	.7	None	4.1		None	37
SER56-966	3215-3230	43075	.0	1.5	97.8	.7	None	3.5		None	36
SER56-967	3230-3234	43076	.0	1.3	98.1	.6	None	3.0		None	8
SER56-968	3234-3245	43077	.0	1.3	98.0	.7	None	3.1		None	16
SER56-969	3245-3260	43078	.0	.9	98.5	.6	None	2.0		None	40
SER56-970	3260-3267	43079	.7	.1	99.0	.2	1.7a	.1		None	26
SER56-971	3267-3275	43080	.5	.1	98.9	.5	1.3a	.2		None	46
SER56-972	3275-3290	43081	.0	1.4	98.4	.2	None	3.2		None	37
SER56-973	3290-3305	43082	.0	.9	99.0	.1	None	2.2		None	26
SER56-974	3305-3320	43083	.2	1.2	98.1	.5	.5a	2.9		None	56
SER56-975	3320-3335	43084	.0	1.8	97.0	.6	None	4.2		None	36
SER56-976	3335-3350	43085	.0	1.2	98.0	.8	None	2.9		None	51
SER56-977	3350-3367	43086	.0	1.2	98.1	.7	None	2.9		None	54
SER56-978	3367-3380	43087	.0	1.5	97.4	1.1	None	3.6		None	48
SER56-979	3380-3395	43088	.0	1.1	98.0	.9	None	2.6		None	53
SER56-980	3395-3399	43089	.0	1.1	98.2	.7	None	2.6		None	17
SER56-981	3399-3410	43090	.0	2.0	97.2	.8	None	4.7		None	48
SER56-982	3410-3425	43091	Trace	1.3	96.9	1.8	Trace	3.0		None	63
SER56-983	3425-3427	43092	1.1	2.5	95.5	.9	2.7a	6.0		None	8
SER56-984	3427-3440	43093	3.5	1.4	93.5	1.6	9.4	3.4	0.904	None	44
SER56-985	3440-3455	43094	1.9	1.0	96.1	1.0	4.9a	2.4		None	52
SER56-986	3455-3470	43095	.0	1.5	98.1	.4	None	3.6		None	20
SER56-987	3472-3487	43096	.0	1.7	97.6	.7	None	4.1		None	46
SER56-988	3487-3502	43097	.0	1.3	98.3	.4	None	3.1		None	73
SER56-989	3502-3517	43098	.8	2.2	96.3	.7	2.1a	5.3		None	68
SER56-990	3517-3532	43099	.2	1.3	97.9	.6	.6a	3.1		None	52
SER56-991	3532-3547	43100	.0	1.6	97.8	.6	None	3.8		None	110

a - Estimated.

Core samples received July 16, 1954; assays made on air-dried samples.

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from General Petroleum Corporation's 63-2 well located in the NE 1/4, SW 1/4, NE 1/4 of Sec. 2, T. 10 S., R. 21 E., Uintah County, Utah

Kelly Bushing Elevation 5,206 feet

			Yield of product						Specific gravity of oil at 60°/60° F.	Properties of spent shale Tendency to coke	Length of sample in inches
Sample number Laramie Their		Run No.	Weight percent		Spent shale	Gas + loss	Gal. per ton				
			Oil	Water			Oil	Water			
SER56-992	3547-3562	43101	0.0	2.2	97.5	0.3	None	5.3	0.900	None	24
SER56-993	3562-3577	43102	.0	1.6	97.9	.5	None	3.8		None	52
SER56-994	3577-3592	43103	.0	1.6	98.3	.1	None	3.7		None	39
SER56-995	3592-3604	43104	.0	.6	99.3	.1	None	1.4		None	42
SER56-996	3604-3619	43105	.0	1.6	98.2	.2	None	3.7		None	22
SER56-997	3619-3632	43106	.0	.9	98.9	.2	None	2.2		None	50
SER56-998	3633-3648	43107	.0	.4	99.5	.1	None	.8		None	50
SER56-999	3648-3663	43108	.0	.8	99.0	.2	None	1.9		None	68
SER56-1000	3663-3678	43109	.0	1.8	97.7	.5	None	4.3		None	63
SER56-1001	3678-3693	43110	2.0	2.0	95.6	.4	4.9a	4.9		None	56
SER56-1002	3693-3723	43111	.4	1.4	98.1	.1	1.1a	3.4	None	52	
SER56-1003	3729-3744	43112	.0	1.0	98.7	.3	None	2.4	None	66	
SER56-1004	3745-3760	43113	.2	.9	98.6	.3	.4a	2.3	None	42	
SER56-1005	3760-3775	43114	.0	1.0	98.7	.3	None	2.4	None	78	
SER56-1006	3775-3790	43115	.0	1.0	98.9	.1	None	2.5	None	12	
SER56-1007	3790-3804	43116	.0	1.2	98.7	.1	None	3.0	None	31	
SER56-1008	3804-3819	43117	.0	.8	99.1	.1	None	2.0	None	76	
SER56-1009	3819-3834	43118	.0	1.4	98.4	.2	None	3.4	None	39	
SER56-1010	3834-3861	43119	.0	1.7	97.8	.5	None	4.0	None	17	
SER56-1011	3861-3876	43120	.0	1.2	98.4	.4	None	2.8	None	18	
SER56-1012	3876-3891	43121	.8	1.7	97.0	.5	1.9a	4.1	None	23	
SER56-1013	3891-3900	43122	1.0	1.6	96.9	.5	2.7a	3.7	None	11	
SER56-1014	3900-3915	43123	2.5	1.2	95.8	.5	6.5	3.0	.904 .894	None	12
SER56-1015	3915-3930	43124	.2	1.2	98.2	.4	.4a	3.0		None	30
SER56-1016	3933-3947	43125	.0	1.4	98.4	.2	None	3.2		None	21
SER56-1017	3947-3967	43126	.0	1.3	98.4	.3	None	3.1		None	18
SER56-1018	3967-3976	43127	.3	1.9	97.0	.8	.8a	4.6		None	14
SER56-1019	3976-3991	43128	3.5	1.2	94.0	1.3	9.4	2.8	None	33	
SER56-1020	3991-4005	43129	2.4	1.7	94.8	1.1	6.4	4.2	None	8	
SER56-1021	4005-4020	43130	.5	1.8	96.6	1.1	1.3a	4.2	None	12	

a - Estimated.

Core samples received July 16, 1954; assays made on air-dried samples.

241-1763P Feb. 28, 1956

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from General Petroleum Corporation's 63-2 well located in the NE 1/4, SW 1/4, NE 1/4 of Sec. 2, T. 10 S., R. 21 E., Uintah County, Utah

Kelly Bushing Elevation 5,206 feet

Sample number			Run No.	Yield of product				Specific gravity of oil at 60°/60° F.		Properties of spent shale Tendency to coke	Length of sample in inches
				Weight percent		Spent shale	Gas + loss				
Laramie	Their		Oil	Water					Oil	Water	
SBR56-1022	4021-4036	43131	0.3	1.5	97.7	0.5	0.8a	3.6		None	44
SBR56-1023	4036-4050	43132	.0	1.2	98.0	.8	None	2.9		None	27
SBR56-1024	4050-4062	43133	.0	1.2	98.0	.8	None	2.9		None	24
SBR56-1025	4062-4077	43134	.0	1.0	97.9	1.1	None	2.4		None	30
SBR56-1026	4077-4092	43135	.0	1.3	98.7	.0	None	3.0		None	8
SBR56-1027	4092-4104	43136	.0	1.1	98.1	.8	None	2.5		None	46
SBR56-1028	4109-4123	43137	.1	1.2	98.3	.4	.2a	2.9		None	34
SBR56-1029	4123-4132	43138	.0	1.3	98.2	.5	None	3.0		None	18
SBR56-1030	4132-4163	43139	.7	.7	97.9	.7	1.7a	1.7		None	66
SBR56-1031	4163-4171	43140	4.8	1.2	93.0	1.0	13.2	2.9	0.872	None	8
SBR56-1032	4171-4176	43141	4.3	1.6	93.0	1.1	11.8	3.8	.875	None	24
SBR56-1033	4176-4190	43142	6.9	1.7	90.0	1.4	18.4	4.1	.905	None	14
SBR56-1034	4190-4205	43143	6.3	1.4	91.0	1.3	16.9	3.4	.887	None	34
SBR56-1035	4205-4210	43144	5.5	1.4	91.6	1.5	14.9	3.4	.885	None	34
SBR56-1036	4210-4215	43145	4.6	1.7	92.6	1.1	12.5	4.1	.884	None	34
SBR56-1037	4215-4232	43146	4.5	1.5	92.7	1.3	12.3	3.6	.882	None	20
SBR56-1038	4232-4246	43147	1.2	1.6	96.8	.4	2.9a	3.8		None	30
SBR56-1039	4246-4261	43148	3.1	1.4	94.9	.6	8.2	3.4	.892	None	68
SBR56-1040	4261-4281	43149	1.8	1.2	96.4	.6	4.6a	2.9		None	14
SBR56-1041	4281-4296	43150	5.0	1.4	92.4	1.2	13.3	3.4	.898	None	54
SBR56-1042	4296-4311	43151	6.1	1.5	90.8	1.6	16.2	3.6	.899	None	52
SBR56-1043	4311-4326	43152	1.9	.9	96.7	.5	4.8a	2.0		None	34
SBR56-1044	4326-4341	43153	Trace	1.8	97.3	.9	Trace	4.3		None	12
SBR56-1045	4342-4357	43154	.0	1.0	98.7	.3	None	2.3		None	18
SBR56-1046	4357-4372	43155	.0	1.2	98.5	.3	None	2.8		None	32
SBR56-1047	4372-4387	43156	.6	1.1	97.6	.7	1.5a	2.6		None	25
SBR56-1048	4387-4402	43157	.0	.7	98.8	.5	None	1.7		None	50
SBR56-1049	4402-4417	43158	.0	.5	98.9	.6	None	1.3		None	68
SBR56-1050	4417-4430	43159	.0	.5	98.7	.8	None	1.2		None	68
SBR56-1051	4430-4436	43160	.3	1.2	97.7	.8	.7a	2.9		None	30

a - Estimated.

Core samples received July 16, 1954; assays made on air-dried samples.

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from General Petroleum Corporation's 63-2 well located in the NE 1/4, SW 1/4, NE 1/4 of Sec. 2, T. 10 S., R. 21 E., Uintah County, Utah

Kelly Bushing Elevation 5,206 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	Length of sample in inches
			Weight percent		Spent shale	Gas + loss					
Laramie	Their		Oil	Water					Oil	Water	
SER56-1052	4436-4449	43161	0.2	1.0	98.1	0.7	0.5a	2.3		None	18
SER56-1053	4449-4464	43162	.0	.9	98.5	.6	None	2.0		None	38
SER56-1054	4481-4496	43163	1.3	1.0	96.8	.9	3.2a	2.5		None	55
SER56-1055	4496-4511	43164	.6	1.2	97.4	.8	1.4a	2.9		None	48
SER56-1056	4511-4526	43165	Trace	.8	98.6	.6	Trace	1.9		None	22
SER56-1057	4526-4567	43166	.4	.6	98.4	.6	1.0a	1.4		None	2/ 60
SER56-1058	4567-4582	43167	.4	.4	99.2	.0	1.0a	1.0		None	35
SER56-1059	4582-4597	43168	.0	.8	99.2	.0	None	1.8		None	11
SER56-1060	4597-4612	43169	.8	1.0	98.2	.0	2.0a	2.4		None	31
SER56-1061	4614-4627	43170	1.6	1.2	93.7	.5	12.4	2.9	0.876	None	34
SER56-1062	4627-4629	43171	3.4	1.2	94.7	.7	9.0	2.9	.893	None	15
SER56-1063	4640-4643	43172	1.9	.6	97.2	.3	4.9a	1.4		None	28

a - Estimated. 2/ 18 feet (4541 to 4557) not samples.

Core samples received July 16, 1954; assays made on air-dried samples.