

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Ladd Petroleum Corporation's Federal Well 1-10-6 drilled in the NE1/4NE1/4
(761 feet FNL, 486 feet FEL) of sec 10, T 16 N, R 96 W, Sweetwater County, Wyoming

Kelly Bushing elevation 6,812 feet

Sample number		Run No.	Yield of product				Specific gravity of oil at 60°/60° F	Properties of spent shale Tendency to coke		Remarks
			Weight percent		Gal per ton					
Laramie	Their		Oil	Water	Spent shale	Gas + loss	Oil ¹ / Water			
SBR75-17918-51	0- 340						No Oil			
SBR75-17952	340- 350						Trace			
SBR75-17953-94	350- 770						No Oil			
SBR75-17995-18003	800- 890						No Oil			
SBR75-18004	890- 900						Trace			
SBR75-18005-61	900-1470						No Oil			
SBR75-18062	1470-1480						Trace			
SBR75-18063-5	1480-1510						No Oil			
SBR75-18066	1510-1520						Trace			
SBR75-18067	1520-1530						No Oil			
SBR75-18068	1530-1540	10724	1.1	2.8	95.2	0.9	2.9a	6.8		None
SBR75-18069	1540-1550	10725	1.0	2.4	94.9	1.7	2.7a	5.8		None
SBR75-18070	1550-1560	10726	2.5	2.3	94.0	1.2	6.7	5.5	0.886	None
SBR75-18071	1560-1570	10727	2.4	2.0	94.7	.9	6.4a	4.7		None
SBR75-18072	1570-1580	10728	3.0	2.2	93.4	1.4	8.0	5.4	.886	None
SBR75-18073	1580-1590	10729	2.5	1.4	93.8	2.3	6.6a	3.5		None
SBR75-18074	1590-1600	10730	.4	.9	97.3	1.4	.9a	2.2		None
SBR75-18075	1600-1610	10731	1.2	1.5	96.1	1.2	3.2a	3.6		None
SBR75-18076	1610-1620	10732	2.0	1.7	95.4	.9	5.2a	4.0		None
SBR75-18077	1620-1630	10733	2.3	1.8	94.6	1.3	5.9a	4.3		None
SBR75-18078	1630-1640	10734	2.7	2.4	91.8	3.1	7.3	5.8	.894	None
SBR75-18079	1640-1650	10735	3.0	2.4	93.4	1.2	7.9	5.8	.893	None
SBR75-18080	1650-1660	10736	2.5	2.4	94.1	1.0	6.8	5.7	.889	None
SBR75-18081	1660-1670	10737	2.7	2.5	93.7	1.1	7.2	6.0	.893	None
SBR75-18082	1670-1680	10738	4.4	1.9	93.4	.3	11.8	4.5	.894	None
SBR75-18083	1680-1690	10739	2.8	2.6	93.1	1.5	7.3	6.2	.912	None
SBR7-518084	1690-1700	10740	2.7	2.5	93.0	1.8	7.0a	5.9		None
SBR75-18085	1700-1710	10741	2.8	2.3	93.2	1.7	7.3	5.4	.910	None
SBR75-18086	1710-1720	10742	2.8	2.6	93.1	1.5	7.4	6.2	.914	None
SBR75-18087	1720-1730	10743	3.3	2.5	92.4	1.8	8.6a	5.9		None

See footnote at end of table.

Drill cutting received June 27, 1975; assays made on air-dried samples

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Ladd Petroleum Corporation's Federal Well 1-10-6 (con.)

Kelly Bushing elevation 6,812 feet

Sample number		Run No.	Yield of product				Specific gravity of oil at 60°/60° F	Properties of spent shale		Remarks
			Weight percent		Gas + shale	Gal per ton		Tendency to		
Laramie	Their		Oil	Water			Spent shale	loss	Oil ^{1/}	Water
SBR75-18088	1730-1740	10744	1.6	1.7	94.9	1.8	4.2a	4.1	None	
SBR75-18089	1740-1750	10745	3.4	2.4	92.7	1.5	9.0	5.8	0.908	None
SBR75-18090	1760-1780	10746	3.1	2.3	91.9	2.7	8.1	5.6	.909	None
SBR75-18091	1780-1790	10747	3.4	2.6	92.4	1.6	8.9	6.2	.909	None
SBR75-18092	1790-1800	10748	3.3	2.5	92.5	1.7	8.8	5.9	.908	None
SBR75-18093	1800-1810	10749	3.6	3.2	91.4	1.8	9.6	7.7	.908	None
SBR75-18094	1810-1820	10750	3.6	3.2	91.6	1.6	9.7	7.6	.907	None
SBR75-18095	1820-1830	10751	3.7	3.0	91.8	1.5	9.8	7.3	.907	None
SBR75-18096	1830-1840	10752	3.1	2.7	91.9	2.3	8.1a	6.4		None
SBR75-18097	1860-1870	10753	3.6	3.3	91.5	1.6	9.6	7.9	.903	None
SBR75-18098	1870-1880	10754	3.4	2.7	92.2	1.7	9.1	6.4	.898	None
SBR75-18099	1880-1890	10755	2.7	2.8	93.4	1.1	7.3	6.7	.895	None
SBR75-18100	1890-1900	10756	2.7	2.7	93.4	1.2	7.4	6.5	.893	None
SBR75-18101	1900-1910	10757	2.4	2.8	93.5	1.3	6.3	6.8	.894	None
SBR75-18102	1910-1920	10758	3.2	2.8	92.5	1.5	8.5	6.8	.900	None
SBR75-18103	1920-1930	10759	2.3	3.0	92.4	2.3	6.2	7.2	.894	None
SBR75-18104	1930-1940	10760	1.8	2.5	94.3	1.4	4.8a	5.9		None
SBR75-18105	1940-1950	10761	1.4	2.1	95.1	1.4	3.6a	5.1		None
SBR75-18106	1950-1960	10762	1.4	2.5	94.6	1.5	3.8a	6.0		None
SBR75-18107	1960-1970	10763	1.3	2.5	95.5	.7	3.4a	5.9		None
SBR75-18108	1970-1980	10764	.8	2.1	96.3	.8	2.1a	5.1		None
SBR75-18109	1980-1990	10765	.8	2.2	96.3	.7	2.0a	5.3		None
SBR75-18110	1990-2000	10766	1.0	3.2	95.2	.6	2.5a	7.6		None
SBR75-18111	2000-2010	10767	.7	1.8	97.1	.4	1.7a	4.3		None
SBR75-18112	2010-2020	10768	1.1	2.5	95.8	.6	2.8a	6.0		None
SBR75-18113	2020-2030	10769	1.0	2.6	95.5	.9	2.7a	6.2		None
SBR75-18114	2030-2040	10770	.7	2.0	96.7	.6	1.9a	4.8		None
SBR75-18115	2040-2050	10771	.2	.6	96.5	2.7	.6a	1.4		None
SBR85-18116	2050-2060	10772	.8	2.1	96.4	.7	2.0a	5.0		None
SBR75-18117	2060-2070	10773	.2	2.6	96.1	1.1	.4a	6.2		None

See footnote at end of table.

Drill cuttings received June 27, 1975; assays made on air-dried samples

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Ladd Petroleum Corporation's Federal Well 1-10-6 (con.)

Kelly Bushing elevation 6,812 feet

Sample number		Run No.	Yield of product						Specific gravity of oil at 60°/60° F	Properties of spent shale Tendency to coke	Remarks
			Weight percent			Gal per ton					
Laramie	Their		Oil	Water	Spent shale	Gas + loss	Oil ^{1/}	Water			
SBR75-18118	2070-2080	10774	0.3	2.1	96.3	1.3	0.9a	5.0	None		
SBR75-18119	2080-2090	10775	.2	2.7	96.5	.6	.6a	6.5	None		
SBR75-18120	2100-2110	10776	.0	2.7	96.8	.5	Trace	6.5	None		
SBR75-18121	2110-2120	10777	.0	2.1	96.3	1.6	No Oil	5.1	None		
SBR75-18122	2120-2130	10778	.0	1.5	96.3	2.2	No Oil	3.6	None		
SBR75-18123	2130-2140	10779	.0	3.2	96.1	.7	Trace	7.7	None		
SBR75-18124	2140-2150	10780	.0	3.0	96.6	.4	No Oil	7.1	None		
SBR75-18125	2150-2160	10781	.0	2.9	96.6	.5	No Oil	7.0	None		
SBR75-18126	2160-2170	10782	.0	2.8	96.5	.7	No Oil	6.8	None		
SBR75-18127	2170-2180	10783	.0	3.0	96.2	.8	Trace	7.2	None		
SBR75-18128	2180-2190	10784	.0	2.8	96.5	.7	No Oil	6.7	None		
SBR75-18129	2190-2200	10785	.0	3.0	96.5	.5	No Oil	7.2	None		
SBR75-18130	2200-2210	10786	.0	2.8	96.5	.7	No Oil	6.8	None		
SBR75-18131	2210-2220	10787	.0	2.9	96.7	.4	No Oil	6.9	None		
SBR75-18132	2220-2230	10788	.0	2.8	96.7	.5	No Oil	6.7	None		
SBR75-18133	2230-2240	10789	.0	3.0	96.4	.6	No Oil	7.1	None		
SBR75-18134	2240-2250	10790	.0	3.0	96.5	.5	No Oil	7.2	None		
SBR75-18135	2250-2260	10791	.0	2.9	96.6	.5	No Oil	6.9	None		
SBR75-18136	2260-2270	10792	.0	2.2	96.4	1.4	No Oil	5.3	None		
SBR75-18137	2270-2280	10793	.0	2.8	96.7	.5	No Oil	6.6	None		
SBR75-18138	2280-2290	10794	.0	2.6	96.5	.9	No Oil	6.2	None		
SBR75-18139	2290-2300	10795	.0	3.0	96.3	.7	No Oil	7.2	None		
SBR75-18140	2300-2310	10796	.0	2.6	96.2	1.2	No Oil	6.3	None		
SBR75-18141	2310-2320	10797	.0	2.9	96.6	.5	Trace	6.9	None		
SBR75-18142	2320-2330	10798	.0	2.9	96.7	.4	Trace	6.9	None		
SBR75-18143	2330-2340	10799	.0	2.6	96.7	.7	Trace	6.3	None		
SBR75-18144	2340-2350	10800	.0	1.9	96.4	1.7	No Oil	4.7	None		
SBR75-18145	2350-2360	10801	.0	1.1	98.7	.2	No Oil	2.6	None		
SBR75-18146	2360-2370	10802	.0	1.1	98.1	.8	No Oil	2.7	None		
SBR75-18147	2370-2380	10803	.0	.9	98.3	.8	No Oil	2.2	None		

See footnote at end of table.

Drill cuttings received June 27, 1975; assays made on air-dried samples

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Ladd Petroleum Corporation's Federal Well 1-10-6 (con.)

Kelly Bushing elevation 6,812 feet

Sample number		Run No.	Yield of product				Specific gravity of oil at 60°/60° F	Properties of spent shale		Remarks
			Weight percent		Gal per ton			Tendency to		
Laramie	Thier		Oil	Water	Spent shale	Gas + loss	Oil	Water	coke	
SBR75-18149	2390-2400	10805	0.0	0.9	98.7	0.4	No Oil	2.2	None	
SBR75-18150	2410-2420	10806	.0	1.0	98.7	.3	No Oil	2.5	None	
SBR75-18151	2420-2430	10807	.0	.9	97.4	1.7	No Oil	2.1	None	
SBR75-18152	2430-2440	10808	.0	.9	98.7	.4	No Oil	2.2	None	
SBR75-18153	2440-2450	10809	.0	1.1	98.1	.8	No Oil	2.6	None	
SBR75-18154	2450-2460	10810	.0	.6	98.5	.9	No Oil	1.5	None	
SBR75-18155	2460-2470	10811	.0	1.5	97.9	.6	No Oil	3.7	None	
SBR75-18156	2470-2480	10812	.0	1.5	97.9	.6	No Oil	3.5	None	
SBR75-18157	2480-2490	10813	.0	1.5	97.4	1.1	No Oil	3.7	None	
SBR75-18158	2490-2500	10814	.0	1.4	98.0	.6	No Oil	3.4	None	
SBR75-18159	2500-2510	10815	.0	2.2	97.3	.5	No Oil	5.4	None	
SBR75-18160	2510-2520	10816	.0	1.2	98.2	.6	No Oil	2.8	None	
SBR75-18161	2520-2530	10817	.0	2.2	97.2	.6	No Oil	5.2	None	
SBR75-18162	2530-2540	10818	.0	1.8	97.4	.8	No Oil	4.3	None	
SBR75-18163	2540-2550	10819	.0	1.3	96.9	1.8	No Oil	3.2	None	
SBR75-18164	2550-2560	10820	.0	2.4	97.4	.2	No Oil	5.7	None	
SBR75-18165	2560-2570	10821	.0	1.0	97.9	1.1	No Oil	2.5	None	
SBR75-18166	2570-2580	10822	.0	1.4	98.0	.6	No Oil	3.4	None	
SBR75-18167	2580-2590	10823	.0	1.6	97.4	1.0	No Oil	3.8	None	
SBR75-18168	2590-2600	10824	.0	1.1	98.5	.4	No Oil	2.7	None	
SBR75-18169	2600-2610	10825	.0	1.0	98.0	1.0	No Oil	2.3	None	
SBR75-18170	2610-2620	10826	.0	1.0	97.7	1.3	No Oil	2.3	None	
SBR75-18171	2620-2630	10827	.0	1.6	98.0	.4	No Oil	3.8	None	
SBR75-18172	2630-2640	10828	.0	.0	99.3	.7	No Oil	.0	None	
SBR75-18173	2640-2650	10829	.0	1.5	98.0	.5	No Oil	3.5	None	
SBR75-18174	2650-2660	10830	.0	1.5	98.0	.5	No Oil	3.6	None	
SBR75-18175	2660-2670	10831	.0	1.2	98.3	.5	No Oil	2.9	None	
SBR75-18176	2670-2680	10832	.0	1.5	97.9	.6	Trace	3.5	None	
SBR75-18177	2680-2690	10833	.0	.9	98.6	.5	No Oil	2.3	None	
SBR75-18178	2690-2700	10834	.0	1.8	97.2	1.0	No Oil	4.3	None	

Drill cuttings received June 27, 1975; assays made on air-dried samples

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Ladd Petroleum Corporation's Federal Well 1-10-6 (con.)

Kelly Bushing elevation 6,812 feet

Sample number		Run No.	Yield of product				Specific gravity of oil at 60°/60° F	Properties of spent shale		Remarks
			Weight percent		Gal per ton			Tendency to		
Laramie	Their		Oil	Water	Spent shale	Gas + loss	Oil	Water	coke	
SBR75-18179	2700-2710	10835	0.0	2.1	97.4	0.5	No Oil	5.0	None	
SBR75-18180	2710-2720	10836	.0	3.0	95.3	1.7	No Oil	7.2	None	
SBR75-18181	2720-2730	10837	.0	2.1	97.0	.9	No Oil	5.1	None	
SBR75-18182	2730-2740	10838	.0	3.4	96.4	.2	Trace	8.2	None	
SBR75-18183	2740-2750	10839	.0	2.4	97.3	.3	Trace	5.7	None	
SBR75-18184	2750-2760	10840	.0	1.0	97.9	1.1	No Oil	2.4	None	
SBR75-18185	2760-2770	10841	.0	1.8	97.6	.6	No Oil	4.4	None	
SBR75-18186	2770-2780	10842	.0	1.5	97.3	1.2	No Oil	3.7	None	
SBR75-18187	2780-2790	10843	.0	2.4	96.8	.8	No Oil	5.8	None	
SBR75-18188	2790-2800	10844	.0	2.1	97.4	.5	No Oil	5.1	None	
SBR75-18189	2800-2810	10845	.0	2.7	96.8	.5	No Oil	6.5	None	
SBR75-18190	2810-2820	10846	.0	1.7	97.8	.5	No Oil	4.1	None	
SBR75-18191	2820-2830	10847	.0	1.2	98.4	.4	No Oil	2.9	None	
SBR75-18192	2830-2840	10848	.0	.7	98.1	1.2	No Oil	1.6	None	
SBR75-18193	2840-2850	10849	.0	1.4	98.1	.5	No Oil	3.3	None	
SBR75-18194	2850-2860	10850	.0	2.0	96.7	1.3	No Oil	4.8	None	
SBR75-18195	2860-2870	10851	.0	3.0	96.4	.6	No Oil	7.2	None	
SBR75-18196	2870-2880	10852	.0	1.8	97.0	1.2	No Oil	4.2	None	
SBR75-18197	2880-2890	10853	.0	2.6	95.7	1.7	No Oil	6.2	None	
SBR75-18198	2890-2900	10854	.0	1.7	96.9	1.4	No Oil	4.2	None	
SBR75-18199	2900-2910	10855	.0	1.7	96.4	1.9	No Oil	4.0	None	
SBR75-18200	2910-2920	10856	.0	1.9	97.2	.9	No Oil	4.6	None	
SBR75-18201	2920-2930	10857	.0	3.2	95.5	1.3	No Oil	7.8	None	
SBR75-18202	2930-2940	10858	.0	2.5	94.8	2.7	No Oil	6.0	None	
SBR75-18203	2940-2950	10859	.0	2.3	97.3	.4	No Oil	5.5	None	
SBR75-18204	2950-2960	10860	.0	3.9	96.0	.1	No Oil	9.3	None	
SBR75-18205	2960-2970	10861	.0	4.1	95.0	.9	No Oil	9.8	None	
SBR75-18206	2970-2980	10862	.0	3.9	95.7	.4	No Oil	9.4	None	
SBR75-18207	2980-2990	10863	.0	4.0	95.5	.5	No Oil	9.7	None	
SBR75-18208	2990-3000	10864	.0	3.7	95.8	.5	No Oil	8.8	None	

Drill cuttings received June 27, 1975; assays made on air-dried samples

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Ladd Petroleum Corporation's Federal Well 1-10-6 (con.)

Surface elevation 6,812 feet

Sample number		Run No.	Yield of product				Specific gravity of oil at 60°/60° F	Properties of spent shale		Remarks
			Weight percent		Gal per ton			Tendency to		
Laramie	Their		Oil	Water	Spent shale	Gas + loss	Oil	Water	coke	
SBR75-18209	3000-3010	10865	0.0	4.0	94.5	1.5	No Oil	9.7	None	
SBR75-18210	3010-3020	10866	.0	4.4	93.6	2.0	No Oil	10.5	None	
SBR75-18211	3050-3060	10867	.0	3.2	94.0	2.8	No Oil	7.6	None	
SBR75-18212	3060-3070	10868	.0	4.6	94.4	1.0	No Oil	10.9	None	
SBR75-18213	3070-3080	10869	.0	3.8	95.0	1.2	No Oil	9.0	None	
SBR75-18214	3080-3090	10870	.0	4.3	93.9	1.8	No Oil	10.3	None	
SBR75-18215	3090-3100	10871	.0	4.1	94.4	1.5	No Oil	9.9	None	
SBR75-18216	3100-3110	10872	.0	4.2	94.3	1.5	No Oil	10.1	None	
SBR75-18217	3110-3120	10873	.0	3.8	95.5	.7	No Oil	9.1	None	
SBR75-18218	3120-3130	10874	.0	3.7	95.1	1.2	No Oil	8.9	None	
SBR75-18219	3130-3140	10875	.0	3.6	95.8	.6	No Oil	8.6	None	
SBR75-18220	3140-3150	10876	.0	4.6	94.9	.5	No Oil	10.9	None	
SBR75-18221	3150-3160	10877	.0	3.8	94.8	1.4	No Oil	9.2	None	
SBR75-18222	3160-3170	10878	.0	4.5	94.2	1.3	No Oil	10.9	None	
SBR75-18223	3170-3180	10879	.0	4.8	93.2	2.0	No Oil	11.4	None	
SBR75-18224	3180-3190	10880	.0	4.8	94.1	1.4	No Oil	10.8	None	
SBR75-18225	3190-3200	10881	.0	4.3	94.4	1.3	No Oil	10.3	None	
SBR75-18226	3210-3220	10882	.0	3.8	94.7	1.5	No Oil	9.2	None	
SBR75-18227	3220-3230	10883	.0	4.0	95.1	.9	No Oil	9.5	None	
SBR75-18228	3620-3630	10884	.0	3.6	90.8	5.6	Trace	8.6	None	
SBR75-18229	3630-3640	10885	.0	2.1	86.0	11.9	No Oil	5.1	None	
SBR75-18230	3640-3650	10886	.0	3.5	91.2	5.3	No Oil	8.5	None	
SBR75-18231	3650-3660	10887	.0	3.9	93.3	2.8	No Oil	9.4	None	
SBR75-18232	3660-3670	10888	.0	1.9	91.2	6.9	No Oil	4.6	None	
SBR75-18233	3670-3680	10889	.0	3.5	95.1	1.4	No Oil	8.4	None	
SBR75-18234	3680-3690	10890	.0	1.0	66.7	32.3	No Oil	2.3	None	
SBR75-18235	3690-3700	10891	.0	3.2	82.0	14.8	No Oil	7.5	None	
SBR75-18236	3700-3710	10892	.0	3.9	93.4	2.7	No Oil	9.4	None	
SBR75-18237	3710-3720	10893	.0	3.9	91.0	5.1	No Oil	9.3	None	
SBR75-18238	3720-3730	10894	.0	3.8	80.3	15.9	No Oil	9.1	None	

Drill cuttings received June 27, 1975; assays made on air-dried samples

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Ladd Petroleum Corporation's Federal Well 1-10-6 (con.)

Kelly Bushing elevation 6,812 feet

Sample number		Run No.	Yield of product				Specific gravity of oil at 60°/60° F	Properties of spent shale		Remarks
			Weight percent		Gal per ton			Tendency to		
Laramie	Their		Oil	Water	Spent shale	Gas + loss	Oil ¹ / _{Water}	coke		
SBR75-18239	3730-3740	10895	0.0	4.2	93.1	2.7	No Oil	10.1	None	
SBR75-18240	3770-3780	10896	.0	2.8	95.5	1.7	No Oil	6.8	None	
SBR75-18241	3780-3790	10897	.0	4.4	94.8	.8	Trace	10.6	None	
SBR75-18242	3790-3800	10898	.0	4.6	94.4	1.0	Trace	11.0	None	
SBR75-18243	3800-3810	10901	.0	4.5	95.2	.3	Trace	10.8	None	
SBR75-18244	3810-3820	10902	1.0	3.9	94.6	.5	2.7a	9.3	None	
SBR75-18245	3820-3830	10903	1.0	4.0	93.4	1.6	2.7a	9.6	None	
SBR75-18246	3830-3840	10904	.9	3.7	95.0	.4	2.3a	8.9	None	
SBR75-18247	3840-3850	10905	4.1	3.3	91.1	1.5	10.9	7.9	.898	None
SBR75-18248	3850-3860	10906	4.0	3.4	90.8	1.8	10.7	8.1	.897	None
SBR75-18249	3860-3870	10907	3.8	3.2	91.9	1.1	10.0	7.7	.900	None
SBR75-18250	3870-3880	10908	2.7	2.9	93.1	1.3	7.2	7.1	.896	None
SBR75-18251	3880-3890	10909	2.6	3.1	92.9	1.4	6.9	7.4	.898	None
SBR75-18252	3890-3900	10910	2.6	3.3	92.8	1.3	7.0	7.9	.896	None
SBR75-18253	3900-3910	10911	3.0	6.6	87.5	2.9	7.8a	15.9	None	
SBR75-18254	3910-3920	10912	2.1	3.8	91.6	2.5	5.6a	9.1	None	
SBR75-18255	3920-3930	10913	2.1	2.9	92.0	3.0	5.4a	6.9	None	
SBR75-18256	3930-3940	10914	4.5	16.3	69.6	9.6	11.7a	39.1	None	
SBR75-18257	3940-3950	10915	2.5	3.5	88.4	5.6	6.5a	8.3	None	
SBR75-18258	3950-3960	10916	2.9	4.7	89.8	2.6	7.5a	11.3	None	
SBR75-18259	3960-3970	10917	3.6	3.2	89.4	3.8	9.4a	7.6	None	
SBR75-18260	3970-3980	10918	4.4	2.6	91.0	2.0	11.8	6.2	.900	None
SBR75-18261	3980-3990	10919	3.8	2.8	91.6	1.8	10.3	6.7	.897	None
SBR75-18262	3990-4000	10920	3.9	2.6	91.6	1.9	10.5	6.3	.897	None
SBR75-18263	4000-4010	10921	2.2	2.5	93.2	2.1	6.0	5.9	.891	None
SBR75-18264	4010-4020	10922	2.1	2.4	93.7	1.8	5.6	5.9	.889	None
SBR75-18265	4020-4030	10923	2.4	2.8	93.0	1.8	6.6	6.6	.887	None
SBR75-18266	4030-4040	10924	1.4	3.3	93.3	2.0	3.6a	7.9	None	
SBR75-18267	4040-4050	10925	1.6	2.9	94.3	1.2	4.1a	7.0	None	
SBR75-18268	4050-4060	10926	1.7	2.8	94.1	1.4	4.4a	6.9	None	

See footnote at end of table.

Drill cuttings received June 27, 1975; assays made on air-dried samples

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Ladd Petroleum Corporation's Federal Well 1-10-6 (con.)

Kelly Bushing elevation 6,812 feet

Sample number		Run No.	Yield of product				Specific gravity of oil at 60°/60° F	Properties of spent shale		Remarks
			Weight percent		Gas + shale	Gal per ton		Tendency to coke		
Laramie	Thier		Oil	Water		loss	Oil ^{1/}		Water	
SBR75-18269	4060-4070	10927	2.2	3.0	93.2	1.6	5.9a	7.1	None	
SBR75-18270	4070-4080	10928	2.5	2.9	93.0	1.6	6.6	7.0	0.893	None
SBR75-18271	4080-4090	10929	2.3	3.0	93.3	1.4	6.1	7.3	.891	None
SBR75-18272	4090-4100	10930	1.2	3.5	93.4	1.9	3.2a	8.3		None
SBR75-18273	4100-4110	10931	1.6	2.8	94.4	1.2	4.2a	6.7		None
SBR75-18274	4110-4120	10932	2.1	2.8	93.8	1.3	5.5a	6.7		None
SBR75-18275	4120-4130	10933	3.9	3.0	90.3	2.8	10.3a	7.1		None
SBR75-18276	4130-4140	10934	2.8	4.2	91.0	2.0	7.2a	10.1		None
SBR75-18277	4140-4150	10935	2.6	3.7	91.5	2.2	6.8a	9.0		None
SBR75-18278	4150-5160	10936	1.3	3.1	91.8	3.8	3.5a	7.4		None
SBR75-18279	4160-4170	10937	2.1	3.3	93.5	1.1	5.6a	7.8		None
SBR75-18280	4170-4180	10938	1.3	2.7	93.5	2.5	3.5a	6.4		None
SBR75-18281	4180-4190	10939	1.8	3.4	93.2	1.6	4.6a	8.2		None
SBR75-18282	4190-4200	10940	1.8	3.2	93.7	1.3	4.7a	7.6		None
SBR75-18283	4200-4210	10941	1.0	3.5	91.2	4.3	2.5a	8.4		None
SBR75-18284	4210-4220	10942	1.8	2.9	93.3	2.0	4.6a	6.9		None
SBR75-18285	4220-4230	10943	2.0	2.8	93.5	1.7	5.2a	6.8		None
SBR75-18286	4230-4240	10944	.8	2.1	91.3	5.8	2.2a	5.0		None
SBR75-18287	4240-4250	10945	.6	3.6	94.9	.9	1.6a	8.6		None
SBR75-18288	4250-4260	10946	.8	3.2	94.3	1.7	2.0a	7.7		None
SBR75-18289	4260-4270	10947	.4	3.2	95.7	.7	1.0a	7.7		None
SBR75-18290	4270-4280	10948	.0	3.1	92.8	4.1	No Oil	7.5		None
SBR75-18291	4280-4290	10949	.0	3.4	96.1	.5	Trace	8.1		None
SBR75-18292	4290-4300	10950	.0	3.6	95.8	.6	Trace	8.7		None
SBR75-18293	4300-4310	10951	.0	3.7	94.9	1.4	Trace	8.9		None
SBR75-18294	4310-4320	10952	.0	3.3	94.6	2.1	Trace	7.9		None
SBR75-18295	4320-4330	10953	.0	3.6	94.2	2.2	No Oil	8.6		None
SBR75-18296	4330-4340	10954	.0	3.2	94.9	1.9	No Oil	7.6		None
SBR75-18297	4340-4350	10955	.0	3.4	85.7	10.9	No Oil	8.2		None
SBR75-18298	4350-4360	10956	.0	3.1	89.2	7.7	No Oil	7.4		None

See footnote at end of table.

Drill cuttings received June 27, 1975; assays made on air-dried samples

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Ladd Petroleum Corporation's Federal Well 1-10-6 (con.)

Surface elevation 6,812 feet

Sample number		Run No.	Yield of product				Specific gravity of oil at 60°/60° F	Properties of spent shale		Remarks
			Weight percent		Gal per ton			Tendency to		
Laramie	Their		Oil	Water	Spent shale	Gas + loss	Oil ^{1/}	Water	coke	
SBR75-18299	4360-4370	10961	0.0	1.9	93.9	4.2	No Oil	4.6	None	
SBR75-18300	4370-4380	10962	.0	2.4	93.8	3.8	No Oil	5.7	None	
SBR75-18301	4380-4390	10963	.0	1.3	94.7	4.0	No Oil	3.1	None	
SBR75-18302	4390-4400	10964	.0	3.7	91.3	5.0	No Oil	8.8	None	
SBR75-18303	4400-4410	10965	.0	1.4	95.9	2.7	No Oil	3.4	None	
SBR75-18304	4710-4720	10966	.0	3.4	96.0	.6	No Oil	8.2	None	
SBR75-18305	4720-4730	10967	.0	3.1	94.8	2.1	No Oil	7.5	None	
SBR75-18306	4730-4740	10968	.0	3.4	94.3	2.3	No Oil	8.1	None	
SBR75-18307	4740-4750	10969	.0	2.1	94.5	3.4	No Oil	5.0	None	
SBR75-18308	4750-4760	10970	.0	1.6	93.3	5.1	No Oil	3.8	None	
SBR75-18309	4760-4770	10971	.0	2.5	82.1	15.4	No Oil	6.0	None	
SBR75-18310	4770-4780	10972	.0	2.0	92.8	5.2	No Oil	4.8	None	
SBR75-18311	4790-4800	10973	.7	2.9	95.0	1.4	1.8a	7.0	None	
SBR75-18312	4800-4810	10974	.8	3.3	94.3	1.6	2.0a	7.9	None	
SBR75-18313	4810-4820	10975	.4	3.0	94.5	2.1	.9a	7.3	None	
SBR75-18314	4820-4830	10976	.3	2.9	96.3	.5	1.0a	6.9	None	
SBR75-18315	4830-4840	10977	.0	3.1	94.0	2.9	Trace	7.3	None	
SBR75-18316	4840-4850	10978	.0	2.8	95.6	1.6	Trace	6.8	None	
SBR75-18317	4860-4870	10979	.0	3.4	95.7	.9	No Oil	8.1	None	
SBR75-18318	4870-4880	10980	.6	2.6	95.4	1.4	1.6a	6.3	None	
SBR75-18319	4880-4890	10981	.0	1.9	96.3	1.8	No Oil	4.5	None	
SBR75-18320	4900-4910	10982	.0	2.2	97.0	.8	No Oil	5.3	None	
SBR75-18321	4910-4920	10985	.0	2.3	95.6	2.1	No Oil	5.5	None	
SBR75-18326	4960-4970						b			
SBR75-18327-8	4980-5000						Trace			

^{1/} "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.

Drill cuttings received June 27, 1975; assays made on air-dried samples