

UE-7

100' of 30g. + 27'  
165' of 25g. UR 193  
460' of 15g. ✓

# OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Delhi-Taylor Oil Corporation's Well 1-15 drilled in SW1/4 SW1/4 NE1/4 2080 feet  
S/N 2190 feet W/E of sec. 15, T. 12S., R. 21E., Uintah County, Utah

Surface elevation 6,227 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
Laramie	Their		Oil	Water	shale	Gas + loss	Oil	Water			
SBR62-1968-71	325-360						No oil				
SBR62-1972	360-370						B 1.0 B				
SBR62-1973-74	370-390						c 3.0 C				
SBR62-1975	390-400	78309	1.6	2.3	93.6	2.5	4.0a	5.4		None	
SBR62-1976	400-410	78310	1.7	2.1	94.9	1.3	4.5a	5.1		None	
SBR62-1977	410-420	78311	1.5	1.8	95.5	1.2	4.0a	4.4		None	
SBR62-1978	420-430	78312	1.5	1.5	95.7	1.3	4.0a	3.5		None	
SBR62-1979	430-440	78313	1.3	1.6	96.2	.9	3.3a	3.9		None	
SBR62-1980	440-450	78314	1.1	1.9	96.0	1.0	2.9a	4.6		None	
SBR62-1981	450-460	78315	1.1	1.6	96.2	1.1	2.8a	3.9		None	
SBR62-1982	460-470	78316	1.1	1.8	96.0	1.1	2.8a	4.2		None	
SBR62-1983	470-480	78317	.5	2.2	96.2	1.1	1.2a	5.3		None	
SBR62-1984	480-490						s 3.0 C				
SBR62-1985	490-500	78318	.9	1.9	96.2	1.0	2.3a	4.5		None	
SBR62-1986	500-510	78319	2.0	.8	96.7	.5	5.2a	2.0		None	
SBR62-1987	510-520	78320	1.9	1.3	96.1	.7	4.8a	3.2		None	
SBR62-1988	520-530	78321	1.7	1.2	96.4	.7	4.4a	2.9		None	
SBR62-1989	530-540	78322	2.0	1.0	96.4	.6	5.1a	2.4		None	
SBR62-1990	540-550	78323	1.6	1.2	96.6	.6	4.1a	2.9		None	
SBR62-1991	550-560	78324	1.1	.7	97.7	.5	2.9a	1.7		None	
SBR62-1992	560-570	78325	1.2	1.2	97.0	.6	3.1a	2.9		None	
SBR62-1993	570-580	78326	1.1	1.7	96.7	.5	2.9a	4.0		None	
SBR62-1994	580-590	78327	5.0	7.9	83.7	3.4	13.0a	18.9		None	
SBR62-1995-97	600-630						Assay 4.0 L				
SBR62-1998	650-660	78328	.3	.2	99.1	.4	.8a	.5		None	
SBR62-1999	660-670						s 3.0 C				
SBR62-2000	670-680	78329	7.9	1.4	88.9	1.8	20.4	3.4	0.928	None	
SBR62-2001	680-690	78330	7.7	1.3	89.4	1.6	19.7	3.2	.928	None	
SBR62-2002	690-700	78331	1.5	.9	96.5	1.1	3.8a	2.3		None	
SBR62-2003-08	700-760						Assay 4.0 L			None	

See footnotes at end of table.

Drill cutting samples received September 7, 1961; assays made on air-dried samples

# OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Delhi-Taylor Oil Corporation's Well 1-15 (Con.)

Surface elevation 6,227 feet

			Yield of product				Specific gravity		Properties of		
Sample number		Run	Weight percent		Gas +		Gal. per ton		of oil at	spent shale	
Laramie	Their	No.	Oil	Water	Spent shale	loss	Oil	Water	60°/60° F.	Tendency to coke	Remarks
SRR62-2009	760- 770	78332	1.6	0.4	96.8	1.2	4.0a	1.1		None	
SRR62-2010	770- 780	78333	.9	.9	97.8	.4	2.3a	2.1		None	
SRR62-2011	780- 790	78334	1.5	.9	96.0	1.6	4.0a	2.3		None	
SRR62-2012	800- 810	78335	2.1	1.0	95.2	1.7	5.5a	2.3		None	
SRR62-2013	810- 820	78336	2.4	.7	95.7	1.2	6.2a	1.7		None	
SRR62-2014	820- 830	78337	2.1	.6	96.1	1.2	5.4a	1.6		None	
SRR62-2015	830- 840	78338	1.8	.8	95.6	1.8	4.6a	1.9		None	
SRR62-2016	840- 850	78339	1.9	1.1	95.5	1.5	5.0a	2.7		None	
SRR62-2017-20	850- 890						Assay 4.0 D				
SRR62-2021	890- 900	78340	3.3	1.7	92.7	2.3	8.7a	4.1		None	
SRR62-2022	900- 910	78341	1.7	1.2	96.0	1.1	4.5a	2.9		None	
SRR62-2023	910- 920	78342	1.6	1.1	96.3	1.0	4.2a	2.6		None	
SRR62-2024	920- 930	78343	2.6	1.2	95.2	1.0	6.8	2.9	0.922	None	
SRR62-2025	930- 940	78344	2.6	1.5	95.1	.8	6.8	3.6	.923	None	
SRR62-2026	940- 950	78345	7.2	1.2	90.1	1.5	18.4	2.9	.932	None	
SRR62-2027	950- 960	78346	4.0	1.3	93.8	.9	10.3	3.1	.922	None	
SRR62-2028	960- 970	78347	2.8	1.2	95.3	.7	7.1	2.9	.922	None	
SRR62-2029	970- 980	78348	4.2	1.4	93.2	1.2	11.0	3.4	.923	None	
SRR62-2030	980- 990	78349	6.7	1.2	90.6	1.5	17.5	2.8	.922	None	
SRR62-2031	990-1000	78350	4.1	1.5	93.3	1.1	10.6	3.5	.923	None	
SRR62-2032	1000-1010	78351	3.6	1.1	94.3	1.0	9.3a	2.6		None	
SRR62-2033	1010-1020	78352	3.0	1.2	94.7	1.1	7.8	2.9	.926	None	
SRR62-2034	1020-1030	78353	2.6	1.6	95.0	.8	6.8	3.8	.925	None	
SRR62-2035	1030-1040	78354	5.4	1.7	91.8	1.1	14.0	4.1	.927	None	
SRR62-2036	1040-1050	78355	3.8	1.5	94.1	.6	9.9	3.5	.926	None	
SRR62-2037	1050-1060	78356	3.1	1.6	94.8	.5	8.0a	3.8		None	
SRR62-2038	1060-1070	78357	2.4	1.8	94.6	1.2	6.3a	4.4		None	
SRR62-2039	1070-1080	78358	4.1	1.3	92.9	1.7	10.6a	3.2		None	
SRR62-2040	1080-1090	78359	4.9	1.1	93.0	1.0	12.8a	2.6		None	
SRR62-2041	1090-1100	78360	2.6	1.0	96.0	.4	6.7a	2.4		None	

See footnotes at end of table.

Drill cutting samples received September 7, 1961; assays made on air-dried samples

## OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Delhi-Taylor Oil Corporation's Well 1-15 (Con.)

Surface elevation 6,227 feet

Surface elevation 6,227 feet			Yield of product					Specific gravity of oil at 60°/60° F.		Properties of spent shale		Remarks
Sample number		Run No.	Weight percent		Spent shale	Gas + loss	Gal. per ton		of oil at 60°/60° F.	Tendency to coke		
Laramie	Their		Oil	Water			Oil	Water				
SBR62-2042	1100-1110	78361	3.3	1.2	95.1	0.4	8.6a	2.9	0.910 .910 .911 .910 .913 .913 .912 .913 .916	None		
SBR62-2043	1110-1120	78362	2.8	1.6	95.2	.4	7.2a	3.8		None		
SBR62-2044	1120-1130	78363	12.2	1.7	83.7	2.4	32.1	4.1		None		
SBR62-2045	1130-1140	78364	14.1	1.2	82.4	2.3	37.0	3.0		Slight		
SBR62-2046	1140-1150	78365	5.8	1.5	91.5	1.2	15.3	3.5		Slight		
SBR62-2047	1150-1160	78366	24.3	1.3	70.0	4.4	64.0	3.0		Slight		
SBR62-2048	1160-1170	78367	13.4	.8	85.0	.8	35.2	2.0		Slight		
SBR62-2049	1170-1180	78368	10.3	1.3	87.1	1.3	26.9	3.0		Slight		
SBR62-2050	1190-1200	78369	10.7	1.3	86.5	1.5	28.2	3.0		Slight		
SBR62-2051	1200-1210	78370	9.6	1.4	87.7	1.3	25.1	3.4		Slight		
SBR62-2052	1210-1220	78371	12.3	1.3	84.5	1.9	32.3	3.1	Slight			
SBR62-2053	1220-1230	78372	1.5	1.5	96.7	.3	3.9a	3.7	None			
SBR62-2054	1230-1240	78373	1.8	1.2	96.6	.4	4.8a	2.8	None			
SBR62-2055	1240-1250	78374	5.5	1.5	91.7	1.3	14.4	3.5	.917	None		
SBR62-2056	1250-1260	78375	6.3	1.6	91.1	1.0	16.6	3.9	.913	None		
SBR62-2057	1260-1270	78376	16.1	1.5	80.0	2.4	42.1	3.7	.914	Slight		
SBR62-2058	1270-1280	78377	11.0	1.7	85.8	1.5	29.0	4.1	.914	Slight		
SBR62-2059	1280-1290	78378	4.1	1.6	93.6	.7	10.7	3.7	.915	None		
SBR62-2060	1290-1300						Assay					
SBR62-2061	1300-1310	78379	8.2	1.5	88.8	1.5	21.6	3.7	.914	None		
SBR62-2062	1310-1320	78380	2.2	1.6	95.8	.4	5.7a	3.9		None		
SBR62-2063	1320-1330	78381	1.9	1.7	96.1	.3	5.0a	4.1		None		
SBR62-2064	1330-1340	78382	3.4	1.4	95.0	.2	8.9a	3.2		None		
SBR62-2065	1340-1350	78383	1.8	1.6	96.0	.6	4.8a	3.8		None		
SBR62-2066	1350-1360	78384	5.3	1.4	91.9	1.4	14.0	3.3	.912	None		
SBR62-2067	1360-1370	78385	2.3	1.4	95.8	.5	6.0	3.3	.913	None		
SBR62-2068	1370-1380	78386	1.9	1.7	95.6	.8	5.0a	4.0		None		
SBR62-2069	1380-1390	78387	1.6	1.5	96.5	.4	4.1a	3.5		None		
SBR62-2070	1390-1400	78388	1.5	1.4	96.4	.7	4.0a	3.3		None		
SBR62-2071	1400-1410	78389	1.6	1.3	96.6	.5	4.2a	3.1		None		

See footnotes at end of table.

Drill cutting samples received September 7, 1961; assays made on air-dried samples

Laramie Petroleum Research Center, Laramie, Wyoming, Illustration No. SBR-3554P, Sheet No. 3 of 9 sheets February 16, 1962

## OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Delhi-Taylor Oil Corporation's Well 1-15 (Con.)

Surface elevation 6,227 feet

Surface elevation 6,227 feet

			Yield of product						Specific gravity of oil at 60°/60° F.	Properties of spent shale		Remarks
Sample number		Run No.	Weight percent		Spent shale	Gas + loss	Gal. per ton			Tendency to coke		
Laramie	Their		Oil	Water			Oil	Water				
SBR62-2072	1410-1420	78390	1.6	1.4	96.7	0.3	4.1a	3.4		None		
SBR62-2073	1420-1430	78391	1.7	1.3	96.7	.3	4.5a	3.1		None		
SBR62-2074	1430-1440	78392	1.4	1.6	96.9	.1	3.6a	3.7		None		
SBR62-2075	1440-1450	78393	1.5	1.6	94.1	2.8	4.0a	3.7		None		
SBR62-2076	1460-1470	78394	2.2	1.6	95.5	.7	5.7a	3.8		None		
SBR62-2077	1470-1480	78395	2.0	1.3	96.1	.6	5.2a	3.0		None		
SBR62-2078	1480-1490	78396	2.1	1.5	96.0	.4	5.5a	3.6		None		
SBR62-2079	1490-1500	78397	2.5	1.4	95.5	.6	6.6	3.4	0.916	None		
SBR62-2080	1500-1510	78398	4.2	1.7	93.4	.7	11.0	4.1	.916	None		
SBR62-2081	1510-1520	78399	2.1	1.8	95.5	.6	5.4	4.3	.917	None		
SBR62-2082	1520-1530	78400	2.6	1.5	95.5	.4	6.9	3.6	.914	None		
SBR62-2083	1530-1540	78401	2.1	1.4	96.0	.5	5.5	3.4	.912	None		
SBR62-2084	1540-1550	78402	2.7	1.4	95.6	.3	7.1a	3.4		None		
SBR62-2085	1550-1560	78403	1.9	1.3	96.3	.5	5.1a	3.1		None		
SBR62-2086	1560-1570	78404	1.9	1.5	95.9	.7	4.8a	3.7		None		
SBR62-2087	1570-1580	78405	1.9	1.3	96.3	.5	4.9a	3.1		None		
SBR62-2088	1580-1590	78406	2.0	1.4	96.2	.4	5.2a	3.5		None		
SBR62-2089	1600-1610	78407	2.0	1.3	96.2	.5	5.2a	3.1		None		
SBR62-2090	1610-1620	78408	2.0	1.5	95.9	.6	5.3a	3.6		None		
SBR62-2091	1620-1630	78409	2.0	1.3	95.9	.8	5.3a	3.1		None		
SBR62-2092	1630-1640	78410	2.1	1.2	96.0	.7	5.4a	2.9		None		
SBR62-2093	1640-1650	78411	1.9	1.1	96.6	.4	5.1a	2.6		None		
SBR62-2094	1650-1660	78412	1.9	1.3	96.2	.6	5.0a	3.1		None		
SBR62-2095	1660-1670	78413	2.0	1.3	96.0	.7	5.3a	3.1		None		
SBR62-2096	1670-1680	78414	1.9	1.3	96.4	.4	4.8a	3.1		None		
SBR62-2097	1680-1690	78415	1.9	1.2	96.0	.9	5.1a	2.9		None		
SBR62-2098	1690-1700	78416	2.0	1.2	96.2	.6	5.2a	2.9		None		
SBR62-2099	1700-1710	78417	2.0	1.2	96.2	.6	5.3a	2.9		None		
SBR62-2100	1710-1720	78418	1.9	1.2	96.3	.6	5.0a	2.9		None		
SBR62-2101	1720-1730	78419	2.0	1.2	96.3	.5	5.1a	2.9		None		

See footnotes at end of table.

Drill cutting samples received September 7, 1961; assays made on air-dried samples

# OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Delhi-Taylor Oil Corporation's Well 1-15 (Con.)

Surface elevation 6,227 feet

Surface elevation 6,427 feet

			Yield of product				Specific gravity of oil at 60°/60° F.		Properties of spent shale		Remarks
Sample number		Run No.	Weight percent		Spent shale	Gas + loss	Gal. per ton		Tendency to coke		
Laramie	Their		Oil	Water			Oil	Water			
SBR62-2102	1730-1740	78420	1.9	1.3	96.2	0.6	4.9a	3.1	None		
SBR62-2103	1740-1750	78421	1.9	1.2	96.0	.9	5.0a	2.9	None		
SBR62-2104	1760-1770	78422	1.9	1.4	96.3	.4	5.0a	3.4	None		
SBR62-2105	1780-1790	78423	1.9	1.2	96.2	.7	5.1a	2.9	None		
SBR62-2106	1790-1800	78424	2.0	1.2	95.9	.9	5.3a	2.9	None		
SBR62-2107	1800-1810	78425	1.9	1.3	96.3	.5	5.0a	3.1	None		
SBR62-2108	1810-1820	78426	2.0	1.3	96.2	.5	5.1a	3.1	None		
SBR62-2109	1820-1830	78427	2.1	1.3	96.0	.6	5.4a	3.1	None		
SBR62-2110	1830-1840	78428	1.7	1.5	96.0	.8	4.4a	3.6	None		
SBR62-2111	1840-1850	78429	1.9	1.4	96.2	.5	4.9a	3.4	None		
SBR62-2112	1850-1860	78430	1.9	1.3	96.0	.8	4.8a	3.1	None		
SBR62-2113	1860-1870	78431	1.9	1.3	96.0	.8	5.0a	3.1	None		
SBR62-2114	1870-1880	78432	1.7	1.4	96.5	.4	4.4a	3.4	None		
SBR62-2115	1880-1890	78433	1.8	1.4	96.0	.8	4.7a	3.4	None		
SBR62-2116	1890-1900	78434	2.3	1.1	95.4	1.2	5.9a	2.8	None		
SBR62-2117	1900-1910	78435	2.4	1.1	95.1	1.4	6.3a	2.7	None		
SBR62-2118	1910-1920	78436	2.0	1.4	96.0	.6	5.3a	3.3	None		
SBR62-2119	1920-1930	78437	2.3	1.2	94.9	1.6	5.9a	2.9	None		
SBR62-2120	1930-1940	78438	1.9	1.4	95.4	1.3	4.9a	3.4	None		
SBR62-2121	1940-1950	78439	1.8	1.4	96.4	.4	4.6a	3.4	None		
SBR62-2122	1950-1960	78440	1.8	1.4	96.2	.6	4.6a	3.4	None		
SBR62-2123	1960-1970	78441	1.5	1.5	96.4	.6	3.9a	3.5	None		
SBR62-2124	1970-1980	78442	1.3	1.5	96.9	.3	3.4a	3.5	None		
SBR62-2125	1980-1990	78443	2.1	1.0	96.3	.6	5.4a	2.3	None		
SBR62-2126	1990-2000	78444	1.2	1.7	96.7	.4	3.1a	4.0	None		
SBR62-2127	2000-2010	78445	2.3	1.1	95.5	1.1	5.9a	2.7	None		
SBR62-2128	2010-2020	78446	1.7	1.4	95.9	1.0	4.4a	3.3	None		
SBR62-2129	2020-2030	78447	1.7	1.6	96.2	.5	4.4a	3.8	None		
SBR62-2130	2030-2040	78448	1.9	1.3	96.2	.6	5.0a	3.1	None		
SBR62-2131	2040-2050	78449	2.0	1.4	96.1	.5	5.2a	3.4	None		

See footnotes at end of table.

Drill cutting samples received September 7, 1961; assays made on air-dried samples

## OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Delhi-Taylor Oil Corporation's Well 1-15 (Con.)

Surface elevation 6,227 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	
SBR62-2132	2050-2060	78450	1.9	1.6	95.8	0.7	4.9a	3.8	None	
SBR62-2133	2060-2070	78451	2.0	1.2	96.3	.5	5.2a	2.9	None	
SBR62-2134-35	2070-2090						2.0c			
SBR62-2136	2090-2100	78452	1.6	1.4	96.2	.8	4.2a	3.3	None	
SBR62-2137	2100-2110	78453	1.7	1.5	96.4	.4	4.5a	3.6	None	
SBR62-2138	2110-2120	78454	1.7	1.3	94.4	2.6	4.5a	3.0	None	
SBR62-2139	2120-2130	78455	2.1	1.4	95.6	.9	5.5a	3.3	None	
SBR62-2140	2130-2140	78456	2.1	1.2	96.5	.2	5.6a	2.9	None	
SBR62-2141	2140-2150	78457	2.1	1.0	96.9	.0	5.4a	2.5	None	
SBR62-2142	2150-2160	78458	1.9	1.4	95.9	.8	4.8a	3.4	None	
SBR62-2143	2160-2170	78459	1.9	1.2	96.2	.7	4.9a	2.9	None	
SBR62-2144	2170-2180	78460	4.7	1.8	91.6	1.9	12.3a	4.4	None	
SBR62-2145	2180-2190	78461	3.0	1.3	94.1	1.6	7.7a	3.2	None	
SBR62-2146	2190-2200	78462	.6	.9	98.0	.5	1.5a	2.1	None	
SBR62-2147	2200-2210						1.0 B			
SBR62-2148	2210-2220						Trace			
SBR62-2149	2230-2240	78463	6.0	1.9	90.6	1.5	15.8	4.5	0.906	None
SBR62-2150	2240-2250	78464	4.7	1.9	92.1	1.3	12.4	4.5	.905	None
SBR62-2151	2250-2260	78465	5.2	1.8	91.7	1.3	13.6	4.2	.908	None
SBR62-2152	2260-2270	78466	5.0	2.1	91.9	1.0	13.1	5.1	.908	None
SBR62-2153	2270-2280	78467	3.5	1.3	93.3	1.9	9.0a	3.2	None	
SBR62-2154	2280-2290	78468	4.2	1.6	92.8	1.4	10.9a	3.8	None	
SBR62-2155	2290-2300	78469	2.6	1.4	95.2	.8	6.8	3.5	.904	None
SBR62-2156	2300-2310	78470	3.3	1.4	94.5	.8	8.6a	3.3	None	
SBR62-2157	2310-2320	78471	2.6	1.6	94.5	1.3	6.8a	3.8	None	
SBR62-2158	2320-2330	78472	3.2	1.1	94.0	1.7	8.3a	2.7	None	
SBR62-2159	2330-2340	78473	4.4	1.4	92.5	1.7	11.5a	3.3	None	
SBR62-2161	2350-2360	78474	2.2	1.1	95.3	1.4	5.8a	2.7	None	
SBR62-2162	2360-2370	78476	2.0	1.4	95.1	1.5	5.2a	3.3	None	
SBR62-2163	2370-2380	78477	2.0	1.2	96.5	.3	5.2a	2.8	None	

See footnotes at end of table.

Drill cutting samples received September 7, 1961; assays made on air-dried samples

Laramie Petroleum Research Center, Laramie, Wyoming, Illustration No. SBR-3554P, Sheet No. 6 of 9 sheets February 16, 1962

## OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Delhi-Taylor Oil Corporation's Well 1-15 (Con.)

Surface elevation 6,227 feet

Surface elevation 0.227 feet

Sample number		Run No.	Yield of product				Specific gravity of oil at 60°/60° F.	Properties of spent shale		Remarks
			Weight percent		Spent shale	Gas + loss		Gal. per ton		
Laramie	Their		Oil	Water					Oil	Water
SBR62-2164	2380-2390	78478	1.4	0.5	97.5	0.6	3.7a	1.2		None
SBR62-2165-73	2390-2480						3.0c			
SBR62-2174-76	2480-2510						1.0B			
SBR62-2177	2510-2520	78479	1.0	.8	96.7	1.5	2.7a	2.0		None
SBR62-2178	2520-2530	78480	.6	1.0	97.2	1.2	1.6a	2.4		None
SBR62-2179	2530-2540						1.0B			
SBR62-2180-81	2540-2560						3.0c			
SBR62-2182	2560-2570						Trace			
SBR62-2183	2570-2580	78481	2.5	.8	94.1	2.6	6.5a	1.9		None
SBR62-2184	2580-2590	78482	2.2	1.2	95.3	1.3	5.8a	2.9		None
SBR62-2185	2590-2600	78483	1.0	.6	97.4	1.0	2.6a	1.4		None
SBR62-2186	2600-2610	78484	1.0	.7	96.5	1.8	2.6a	1.7		None
SBR62-2187	2610-2620	78485	1.2	.6	97.0	1.2	3.1a	1.4		None
SBR62-2188	2620-2630	78486	1.3	.7	95.3	2.7	3.3a	1.6		None
SBR62-2189	2630-2640	78487	.5	1.1	97.8	.6	1.2a	2.7		None
SBR62-2190-94	2640-2690						3.0c			
SBR62-2195	2690-2700						1.0B			
SBR62-2196	2700-2710						Trace			
SBR62-2197	2710-2720						1.0B			
SBR62-2198	2720-2730						Trace			
SBR62-2199-2200	2730-2750						3.0c			
SBR62-2201	2750-2760	78488	.6	1.6	96.9	.9	1.6a	3.7		None
SBR62-2202	2760-2770	78489	2.1	1.4	95.8	.7	5.5a	3.3		None
SBR62-2203	2770-2780	78490	1.9	1.3	95.6	1.2	4.9a	3.2		None
SBR62-2204	2780-2790	78491	2.3	1.9	94.9	.9	6.0a	4.5		None
SBR62-2205	2790-2800	78492	2.5	1.7	95.2	.6	6.4a	4.1		None
SBR62-2206	2800-2810	78493	2.1	1.6	95.4	.9	5.5a	3.8		None
SBR62-2207	2810-2820	78494	2.2	1.2	95.6	1.0	5.8a	2.9		None
SBR62-2208	2820-2830	78495	2.3	1.0	95.6	1.1	6.0a	2.4		None
SBR62-2209	2830-2840						3.0c			

See footnotes at end of table.

Drill cutting samples received September 7, 1961; assays made on air-dried samples

Laramie Petroleum Research Center, Laramie, Wyoming, Illustration No. SBR-3554P, Sheet No. 7 of 9 sheets February 16, 1962

## OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Delhi-Taylor Oil Corporation's Well 1-15 (Con.)

Surface elevation 6,227 feet

Surface elevation 8,227 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 coke		
			Oil	Water	Spent shale	Gas + loss			Oil	
Laramie	Their									
SBR62-2210	2840-2850						1.0 B			
SBR62-2211	2850-2860						Trace			
SBR62-2212	2860-2870						3.0 c			
SBR62-2213	2870-2880	78496	2.0	1.4	94.9	1.7	5.2a	3.4		None
SBR62-2214	2880-2890	78497	2.5	1.0	90.7	5.8	6.5a	2.4		None
SBR62-2215	2890-2900	78498	1.9	2.0	94.8	1.3	5.0a	4.8		None
SBR62-2216	2900-2910	78499	1.9	1.7	95.3	1.1	5.0a	4.1		None
SBR62-2217	2910-2920	78500	1.9	1.8	95.3	1.0	5.0a	4.2		None
SBR62-2218	2920-2930	78501	1.8	1.8	95.6	.8	4.7a	4.4		None
SBR62-2219	2930-2940	78502	1.5	1.7	95.6	1.2	4.0a	4.0		None
SBR62-2220	2940-2950	78503	2.0	2.1	94.4	1.5	5.2a	5.0		None
SBR62-2221	2950-2960	78504	2.1	1.5	95.1	1.3	5.5a	3.5		None
SBR62-2222	2960-2970	78505	2.1	1.8	95.0	1.1	5.4a	4.3		None
SBR62-2223	2970-2980	78506	2.1	1.7	93.9	2.3	5.5a	4.0		None
SBR62-2224	2980-2990	78507	1.8	1.7	95.8	.7	4.6a	4.0		None
SBR62-2225	2990-3000	78508	1.6	1.5	95.4	1.5	4.2a	3.7		None
SBR62-2226	3000-3010	78509	1.5	1.8	95.1	1.6	3.9a	4.4		None
SBR62-2227	3010-3020	78510	.7	2.5	95.3	1.5	1.9a	6.0		None
SBR62-2228-29	3020-3040						3.0 c			
SBR62-2230	3040-3050	78511	.7	2.2	96.5	.6	1.7a	5.2		None
SBR62-2231	3050-3060	78512	1.2	1.7	97.0	.1	3.2a	4.0		None
SBR62-2232	3060-3070	78513	1.9	1.5	96.5	.1	5.0a	3.7		None
SBR62-2233	3070-3080	78514	1.4	1.6	96.4	.6	3.7a	3.8		None
SBR62-2234-35	3080-3100						3.0 c			
SBR62-2236	3100-3110	78515	1.3	1.8	96.5	.4	3.3a	4.4		None
SBR62-2237	3110-3120	78516	2.8	1.7	94.7	.8	7.4a	4.0		None
SBR62-2238	3120-3130	78517	1.2	1.3	95.7	1.8	3.1a	3.1		None
SBR62-2239	3130-3140						3.0 c			
SBR62-2240-41	3140-3160						1.0 B			
SBR62-2242-43	3160-3180						3.0 c			

See footnotes at end of table.

Drill cutting samples received September 7, 1961; assays made on air-dried samples

Laramie Petroleum Research Center, Laramie, Wyoming, Illustration No. SBR-3554P, Sheet No. 8 of 9 sheets February 16, 1962



# OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Delhi-Taylor Oil Corporation's Well 1-15 (Con.)

Surface elevation 6,227 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		Spent	Gas +				
Laramie	Their		Oil	Water	shale	loss	Oil	Water		
SBR62-2244-51	3180-3260						No oil			
SBR62-2252	3260-3270						1.0 <del>B</del>			
SBR62-2253	3270-3280						No oil			
SBR62-2254	3280-3290						1.0 <del>B</del>			
SBR62-2255-57	3290-3320						No oil			
SBR62-2258-60	3320-3350						Trace			
SBR62-2261-62	3350-3370						No oil			
SBR62-2263	3370-3380						Trace			
SBR62-2264-65	3380-3400						No oil			

a - Specific gravity estimated due to insufficient oil.

b - Less than 1.0 gallon of oil per ton of shale.

c - More than 1.0 but less than 3.0 gallons of oil per ton of shale.

Assay - Sample contained more than 3.0 gallons of oil per ton of shale.

d. n. o.

Drill cutting samples received September 7, 1961; assays made on air-dried samples