

## OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from H. M. Byllesby's Byllesby Well No. 2 drilled in NW1/4, NE1/4, SW1/4, (2,080 feet N/S 1,920 feet E/W) of sec. 5, T. 13S., R. 20E., Uintah County, Utah

Surface elevation 6,154 feet

*Mahogany Marker* 5644'

Surface elevation 6,154 feet			Yield of product						Specific gravity of oil at 60°/60° F.	Properties of		Remarks
Sample number		Run No.	Weight percent		Spent shale	Gas + loss	Gal. per ton			Tendency to	spent shale coke	
			Oil	Water			Oil	Water				
Mahogany Marker		5644'										
Laramie	Their											
SBR62-6088	280-290	79980	2.6	2.0	94.0	1.4	6.7	4.8	0.916	None		
SBR62-6089	290-300	79981	2.3	1.6	95.0	1.1	6.1	3.8	.914	None		
SBR62-6090	310-320	79982	2.3	1.3	95.9	.5	5.9	3.1	.920	None		
SBR62-6091	320-330	79983	2.7	1.5	95.3	.5	7.1	3.6	.918	None		
SBR62-6092	330-340	79984	1.2	.5	98.2	.1	3.0a	1.2		None		
SBR62-6093	340-350	79985	2.1	1.2	96.2	.5	5.6	2.9	.920	None		
SBR62-6094	350-360	79986	3.2	.2	96.0	.6	8.3	.6	.918	None		
SBR62-6095	360-370	79987	1.0	.8	98.0	.2	2.6a	1.9		None		
SBR62-6096	380-390	79988	1.6	1.1	97.0	.3	4.2a	2.6		None		
SBR62-6097	390-400	79989	1.3	1.1	97.2	.4	3.5a	2.6		None		
SBR62-6098	400-410	79990	1.2	3.0	95.0	.8	3.3a	7.2		None		
SBR62-6099	410-420	79991	1.8	2.3	95.7	.2	4.6a	5.5		None		
SBR62-6100	420-430	79992	3.2	1.2	95.0	.6	8.3	2.9	.919	None		
SBR62-6101	430-440	79993	1.5	.9	97.2	.4	3.8a	2.2		None		
SBR62-6102	440-450	79994	1.2	.8	97.7	.3	3.1a	1.9		None		
SBR62-6103	450-460	79995	2.8	1.2	95.3	.7	7.2	2.9	.910	None		
SBR62-6104	460-470	79996	4.9	1.1	92.8	1.2	12.9	2.6	.907	None		
SBR62-6105	470-480	79997	2.0	1.0	96.4	.6	5.1a	2.4		None		
SBR62-6106	480-490	79998	1.1	.5	98.0	.4	2.9a	1.2		None		
SBR62-6107	490-500	79999	.5	1.2	97.8	.5	1.3a	2.9		None		
SBR62-6108	500-510	80000	5.9	.7	92.0	1.4	15.4	1.7	.911	None		
SBR62-6109	510-520	80001	8.8	.8	88.7	1.7	23.4	1.8	.902	None		
SBR62-6110	520-530	80002	3.7	.6	94.8	.9	9.6	1.6	.909	None		
SBR62-6111	530-540	80003	2.3	.4	96.8	.5	6.0	1.0	.910	None		
SBR62-6112	540-550	80004	6.7	1.0	90.7	1.6	18.0	2.4	.893	None		
SBR62-6113	560-570	80005	1.0	1.0	97.5	.5	2.5a	2.4		None		
SBR62-6114	570-580	80006	1.5	1.0	96.7	.8	3.9a	2.4		None		
SBR62-6115	580-590	80007	1.7	.6	97.2	.5	4.5a	1.3		None		
SBR62-6116	590-600						b					
SBR62-6117	600-610	80008	1.2	1.3	96.9	.6	3.2a	3.1		None		

See footnotes at end of table.

Drill cutting samples received October 6, 1961; assays made on air-dried samples

# **OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD**

Samples from H. M. Byllesby's Byllesby Well No. 2 (Con.)

Surface elevation 6,154 feet

Sample number		Run No.	Yield of product				Gal. per ton		Specific gravity of oil at 60°/60° F.	Properties of spent shale		Remarks
Laramie	Their		Weight percent		Spent shale	Gas + loss	Oil	Water		Tendency to	coke	
SBR62-6118	610-620	80009	1.7	0.8	97.0	0.5	4.5a	1.8			None	
SBR62-6119	620-625	80010	2.8	.7	95.3	1.2	7.3	1.8	0.913		None	
SBR62-6120	625-630	80011	3.4	1.0	94.4	1.2	9.1	2.4	.909		None	
SBR62-6121	630-635	80012	2.3	1.2	95.8	.7	6.1	2.9	.910		None	
SBR62-6122	635-640	80013	2.0	.6	96.2	1.2	5.3a	1.4			None	
SBR62-6123	640-645	80014	1.6	1.0	96.9	.5	4.1a	2.4			None	
SBR62-6124	645-650	80015	3.6	1.3	94.0	1.1	9.5	3.1	.915		None	
SBR62-6125	650-655	80016	2.3	.2	96.6	.9	5.9	.6	.923		None	
SBR62-6126	655-660	80017	2.0	.5	95.3	2.2	5.3a	1.2			None	
SBR62-6127	660-665						b					
SBR62-6128	665-670						Trace					
SBR62-6129	670-675						No oil					
SBR62-6130-31	675-685						Trace					
SBR62-6132	685-690						No oil					
SBR62-6133	690-695						b					
SBR62-6134	695-700						Trace					
SBR62-6135	700-705						b					
SBR62-6136-38	705-720						No oil					
SBR62-6139	720-725						c					
SBR62-6140	725-730						No oil					
SBR62-6141	730-735						b					
SBR62-6142	735-740						c					
SBR62-6143-45	740-755						b					
SBR62-6146-47	755-765						Trace					
SBR62-6148-49	765-775						b					
SBR62-6150-51	775-785						Trace					
SBR62-6152-54	785-800						b					
SBR62-6155	800-805						Trace					
SBR62-6156-57	805-815						b					
SBR62-6158-59	815-825						c					

See footnotes at end of table.

Drill cutting samples received October 6, 1961; assays made on air-dried samples

Laramie Petroleum Research Center, Laramie, Wyoming, Illustration No. SBR-3589P, Sheet No. 2 of 5 sheets April 10, 1962

## OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from H. M. Byllesby's Byllesby Well No. 2 (Con.)

Surface elevation 6,154 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		Gas + loss	Gal. per ton				
			Oil	Water		Oil				Water
Laramie	Thor				shale					
SRR62-6160-61	825- 835						Trace			
SRR62-6162	835- 840						No oil			
SRR62-6163-74	840- 900						Trace			
SRR62-6175	900- 905						b			
SRR62-6176-78	905- 920						Trace			
SRR62-6179-80	920- 930						No oil			
SRR62-6181-83	930- 945						Trace			
SRR62-6184-85	945- 955						No oil			
SRR62-6186-90	955- 980						Trace			
SRR62-6191	980- 985						b			
SRR62-6192	985- 990						Trace			
SRR62-6193	990- 995						No oil			
SRR62-6194-95	995-1005						b			
SRR62-6196-97	1005-1015						Trace			
SRR62-6198-6200	1015-1030						b			
SRR62-6201-05	1030-1055						No oil			
SRR62-6206-08	1055-1070						Trace			
SRR62-6209-10	1070-1080						No oil			
SRR62-6211	1080-1085						b			
SRR62-6212-13	1085-1095						No oil			
SRR62-6214-18	1095-1120						Trace			
SRR62-6219-20	1120-1130						b			
SRR62-6221	1130-1135						No oil			
SRR62-6222	1135-1140						Trace			
SRR62-6223-24	1140-1150						b			
SRR62-6225	1150-1155						Trace			
SRR62-6226-29	1155-1175						b			
SRR62-6230-33	1175-1195						Trace			
SRR62-6234	1195-1200						b			
SRR62-6235-37	1200-1215						Trace			

See footnotes at end of table.

Drill cutting samples received October 6, 1961; assays made on air-dried samples

Laramie Petroleum Research Center, Laramie, Wyoming, Illustration No. SBR-3589P, Sheet No. 3 of 5 sheets April 10, 1962

# OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from H. M. Byllesby's Byllesby Well No. 2 (Con.)

Surface elevation 6,154 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			
SBR62-6238-40	1215-1230						No oil				
SBR62-6241-46	1230-1260						Trace				
SBR62-6247-49	1260-1275						No oil				
SBR62-6250-51	1275-1285						Trace				
SBR62-6252	1285-1290						No oil				
SBR62-6253-55	1290-1305						Trace				
SBR62-6256-64	1305-1350						No oil				
SBR62-6265-68	1350-1370						Trace				
SBR62-6269-75	1370-1410						No oil				
SBR62-6276	1410-1420						Trace				
SBR62-6277-78	1420-1440						No oil				
SBR62-6279-81	1440-1470						Trace				
SBR62-6282-83	1470-1490						b				
SBR62-6284	1490-1500						Trace				
SBR62-6285	1500-1510						No oil				
SBR62-6286	1510-1520						Trace				
SBR62-6287	1520-1530						b				
SBR62-6288-89	1530-1550						Trace				
SBR62-6290-93	1560-1600						Trace				
SBR62-6294-95	1600-1620						b				
SBR62-6296	1620-1630						Trace				
SBR62-6297	1630-1640						b				
SBR62-6298	1640-1650						Trace				
SBR62-6299	1650-1660						b				
SBR62-6300-01	1660-1680						Trace				
SBR62-6302-03	1680-1700						No oil				
SBR62-6304	1700-1710						Trace				
SBR62-6305-09	1720-1770						No oil				
SBR62-6310	1770-1780						Trace				
SBR62-6311	1780-1790						No oil				

See footnotes at end of table.

Drill cutting samples received October 6, 1961; assays made on air-dried samples

Laramie Petroleum Research Center, Laramie, Wyoming, Illustration No. SBR-3589P, Sheet No. 4 of 5 sheets April 10, 1962

# **OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD**

Samples from H. M. Byllesby's Byllesby Well No. 2 (Con.)

Surface elevation 6,154 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	Oil	Water	Tendency to coke	
Laramie	Their		Oil	Water						
SRR62-6312-13	1790-1810						Trace			
SRR62-6314-16	1810-1840						No oil			
SRR62-6317	1840-1850						Trace			
SRR62-6318-21	1850-1890						No oil			
SRR62-6322-23	1890-1910						b			
SRR62-6324-33	1910-2010						No oil			
SRR62-6334	2010-2020						Trace			
SRR62-6335-36	2020-2040						No oil			
SRR62-6337	2040-2050						Trace			
SRR62-6338-40	2050-2080						No oil			
SRR62-6341-43	2080-2110						Trace			
SRR62-6344-46	2110-2140						b			
SRR62-6347	2140-2150	80018	2.1	1.3	96.0	0.6	5.3a	3.1	None	
SRR62-6348	2150-2160	80019	1.1	2.0	96.4	.5	2.8a	4.8	None	
SRR62-6349	2160-2170	80020	1.6	2.0	95.7	.7	4.1a	4.8	None	
SRR62-6350	2170-2180	80021	1.2	1.8	96.4	.6	3.1a	4.3	None	
SRR62-6351	2180-2190						c			
SRR62-6352	2190-2200						b			
SRR62-6353	2200-2210						c			
SRR62-6354-55	2210-2230						b			
SRR62-6356-57	2230-2250						c			
SRR62-6358-60	2250-2280						b			
SRR62-6361-62	2280-2300						Trace			
SRR62-6363-65	2300-2330						b			
SRR62-6366	2330-2340	80022	.4	.5	98.9	.2	.9a	1.2	None	
SRR62-6367	2340-2350	80023	.9	.8	97.5	.8	2.3a	1.9	None	
SRR62-6368	2350-2360	80024	1.0	1.0	97.1	.9	2.7a	2.4	None	
SRR62-6369-70	2360-2380						b			
SRR62-6371-72	2380-2400						No oil			
SRR62-6373-74	2400-2420						Trace			

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.

Drill cutting samples received October 6, 1961; assays made on air-dried samples

**OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD**

~~U126~~ ~~U127~~ ~~U128~~ ~~U129~~ ~~U130~~  
 U126 ✓

Samples from H. M. Byllesby's Byllesby Well No. 2 drilled in NW1/4, NE1/4, SW1/4, (2,080 feet N/S 1,920 feet E/W)  
 of sec. 5, T. 13S., R. 20E., Uintah County, Utah

Surface elevation 6,154 feet

Surface elevation 6,154 feet			Yield of product						Specific gravity of oil at 60°/60° F.	Properties of spent shale Tendency to coke	Remarks
Sample number		Run No.	Weight percent		Spent shale	Gas + loss	Gal. per ton				
			Oil	Water			Oil	Water			
Laramie	Their										
SBR62-6088	280-290	79980	2.6	2.0	94.0	1.4	6.7	4.8	0.916	None	
SBR62-6089	290-300	79981	2.3	1.6	95.0	1.1	6.1	3.8	.914	None	
SBR62-6090	310-320	79982	2.3	1.3	95.9	.5	5.9	3.1	.920	None	
SBR62-6091	320-330	79983	2.7	1.5	95.3	.5	7.1	3.6	.918	None	
SBR62-6092	330-340	79984	1.2	.5	98.2	.1	3.0a	1.2		None	
SBR62-6093	340-350	79985	2.1	1.2	96.2	.5	5.6	2.9	.920	None	
SBR62-6094	350-360	79986	3.2	.2	96.0	.6	8.3	.6	.918	None	
SBR62-6095	360-370	79987	1.0	.8	98.0	.2	2.6a	1.9		None	
SBR62-6096	380-390	79988	1.6	1.1	97.0	.3	4.2a	2.6		None	
SBR62-6097	390-400	79989	1.3	1.1	97.2	.4	3.5a	2.6		None	
SBR62-6098	400-410	79990	1.2	3.0	95.0	.8	3.3a	7.2		None	
SBR62-6099	410-420	79991	1.8	2.3	95.7	.2	4.6a	5.5		None	
SBR62-6100	420-430	79992	3.2	1.2	95.0	.6	8.3	2.9	.919	None	
SBR62-6101	430-440	79993	1.5	.9	97.2	.4	3.8a	2.2		None	
SBR62-6102	440-450	79994	1.2	.8	97.7	.3	3.1a	1.9		None	
SBR62-6103	450-460	79995	2.8	1.2	95.3	.7	7.2	2.9	.910	None	
SBR62-6104	460-470	79996	4.9	1.1	92.8	1.2	12.9	2.6	.907	None	
SBR62-6105	470-480	79997	2.0	1.0	96.4	.6	5.1a	2.4		None	
SBR62-6106	480-490	79998	1.1	.5	98.0	.4	2.9a	1.2		None	
SBR62-6107	490-500	79999	.5	1.2	97.8	.5	1.3a	2.9		None	
SBR62-6108	500-510	80000	5.9	.7	92.0	1.4	15.4	1.7	.911	None	
SBR62-6109	510-520	80001	8.8	.8	88.7	1.7	23.4	1.8	.902	None	
SBR62-6110	520-530	80002	3.7	.6	94.8	.9	9.6	1.6	.909	None	
SBR62-6111	530-540	80003	2.3	.4	96.8	.5	6.0	1.0	.910	None	
SBR62-6112	540-550	80004	6.7	1.0	90.7	1.6	18.0	2.4	.893	None	
SBR62-6113	560-570	80005	1.0	1.0	97.5	.5	2.5a	2.4		None	
SBR62-6114	570-580	80006	1.5	1.0	96.7	.8	3.9a	2.4		None	
SBR62-6115	580-590	80007	1.7	.6	97.2	.5	4.5a	1.3		None	
SBR62-6116	590-600						b				
SBR62-6117	600-610	80008	1.2	1.3	96.9	.6	3.2a	3.1		None	

See footnotes at end of table.

Drill cutting samples received October 6, 1961; assays made on air-dried samples

## OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from H. M. Byllesby's Byllesby Well No. 2 (Con.)

Surface elevation 6,154 feet

Sample number		Run No.	Yield of product				Specific gravity of oil at 60°/60° F.		Properties of spent shale	Remarks
Laramie	Their		Weight percent		Spent shale	Gas + loss	Gal. per ton		Tendency to coke	
			Oil	Water			Oil	Water		
SBR62-6118	610-620	80009	1.7	0.8	97.0	0.5	4.5a	1.8		None
SBR62-6119	620-625	80010	2.8	.7	95.3	1.2	7.3	1.8	0.913	None
SBR62-6120	625-630	80011	3.4	1.0	94.4	1.2	9.1	2.4	.909	None
SBR62-6121	630-635	80012	2.3	1.2	95.8	.7	6.1	2.9	.910	None
SBR62-6122	635-640	80013	2.0	.6	96.2	1.2	5.3a	1.4		None
SBR62-6123	640-645	80014	1.6	1.0	96.9	.5	4.1a	2.4		None
SBR62-6124	645-650	80015	3.6	1.3	94.0	1.1	9.5	3.1	.915	None
SBR62-6125	650-655	80016	2.3	.2	96.6	.9	5.9	.6	.923	None
SBR62-6126	655-660	80017	2.0	.5	95.3	2.2	5.3a	1.2		None
SBR62-6127	660-665						51.0B			
SBR62-6128	665-670						Trace			
SBR62-6129	670-675						No oil			
SBR62-6130-31	675-685						Trace			
SBR62-6132	685-690						No oil			
SBR62-6133	690-695						51.0B			
SBR62-6134	695-700						Trace			
SBR62-6135	700-705						51.0B			
SBR62-6136-38	705-720						No oil			
SBR62-6139	720-725						53.0C			
SBR62-6140	725-730						No oil			
SBR62-6141	730-735						51.0B			
SBR62-6142	735-740						53.0C			
SBR62-6143-45	740-755						51.0B			
SBR62-6146-47	755-765						Trace			
SBR62-6148-49	765-775						51.0B			
SBR62-6150-51	775-785						Trace			
SBR62-6152-54	785-800						51.0B			
SBR62-6155	800-805						Trace			
SBR62-6156-57	805-815						51.0B			
SBR62-6158-59	815-825						53.0C			

See footnotes at end of table.

Drill cutting samples received October 6, 1961; assays made on air-dried samples

Laramie Petroleum Research Center, Laramie, Wyoming, Illustration No. SBR-3589P, Sheet No. 2 of 5 sheets April 10, 1962

## OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from H. M. Byllesby's Byllesby Well No. 2 (Con.)

Surface elevation 6,154 feet

Sample number		Run No.	Yield of product				Specific gravity of oil at 60°/60° F.		Properties of spent shale Tendency to coke	Remarks
Laramie	Their		Weight percent		Spent shale	Gas + loss	Gal. per ton			
			Oil	Water			Oil	Water		
SBR62-6160-61	825- 835						Trace			
SBR62-6162	835- 840						No oil			
SBR62-6163-74	840- 900						Trace			
SBR62-6175	900- 905						1.0B			
SBR62-6176-78	905- 920						Trace			
SBR62-6179-80	920- 930						No oil			
SBR62-6181-83	930- 945						Trace			
SBR62-6184-85	945- 955						No oil			
SBR62-6186-90	955- 980						Trace			
SBR62-6191	980- 985						1.0B			
SBR62-6192	985- 990						Trace			
SBR62-6193	990- 995						No oil			
SBR62-6194-95	995-1005						1.0B			
SBR62-6196-97	1005-1015						Trace			
SBR62-6198-6200	1015-1030						1.0B			
SBR62-6201-05	1030-1055						No oil			
SBR62-6206-08	1055-1070						Trace			
SBR62-6209-10	1070-1080						No oil			
SBR62-6211	1080-1085						1.0B			
SBR62-6212-13	1085-1095						No oil			
SBR62-6214-18	1095-1120						Trace			
SBR62-6219-20	1120-1130						1.0B			
SBR62-6221	1130-1135						No oil			
SBR62-6222	1135-1140						Trace			
SBR62-6223-24	1140-1150						1.0B			
SBR62-6225	1150-1155						Trace			
SBR62-6226-29	1155-1175						1.0B			
SBR62-6230-33	1175-1195						Trace			
SBR62-6234	1195-1200						1.0B			
SBR62-6235-37	1200-1215						Trace			

See footnotes at end of table.

Drill cutting samples received October 6, 1961; assays made on air-dried samples

Laramie Petroleum Research Center, Laramie, Wyoming, Illustration No. SBR-3589P, Sheet No. 3 of 5 sheets April 10, 1962



# OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from H. M. Byllesby's Byllesby Well No. 2 (Con.)

Surface elevation 6,154 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
			Weight percent		Spent shale	Gas + loss					
Laramie	Their		Oil	Water			Oil	Water			
SBR62-6238-40	1215-1230						No oil				
SBR62-6241-46	1230-1260						Trace				
SBR62-6247-49	1260-1275						No oil				
SBR62-6250-51	1275-1285						Trace				
SBR62-6252	1285-1290						No oil				
SBR62-6253-55	1290-1305						Trace				
SBR62-6256-64	1305-1350						No oil				
SBR62-6265-68	1350-1370						Trace				
SBR62-6269-75	1370-1410						No oil				
SBR62-6276	1410-1420						Trace				
SBR62-6277-78	1420-1440						No oil				
SBR62-6279-81	1440-1470						Trace				
SBR62-6282-83	1470-1490						Trace				
SBR62-6284	1490-1500						Trace				
SBR62-6285	1500-1510						No oil				
SBR62-6286	1510-1520						Trace				
SBR62-6287	1520-1530						Trace				
SBR62-6288-89	1530-1550						Trace				
SBR62-6290-93	1560-1600						Trace				
SBR62-6294-95	1600-1620						Trace				
SBR62-6296	1620-1630						Trace				
SBR62-6297	1630-1640						Trace				
SBR62-6298	1640-1650						Trace				
SBR62-6299	1650-1660						Trace				
SBR62-6300-01	1660-1680						Trace				
SBR62-6302-03	1680-1700						No oil				
SBR62-6304	1700-1710						Trace				
SBR62-6305-09	1720-1770						No oil				
SBR62-6310	1770-1780						Trace				
SBR62-6311	1780-1790						No oil				

See footnotes at end of table.

Drill cutting samples received October 6, 1961; assays made on air-dried samples

Laramie Petroleum Research Center, Laramie, Wyoming, Illustration No. SBR-3589P, Sheet No. 4 of 5 sheets April 10, 1962

# OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from H. M. Byllesby's Byllesby Well No. 2 (Con.)

Surface elevation 6,154 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 shale	Gas + loss				
Laramie	Their		Oil	Water			Oil	Water		
SBR62-6312-13	1790-1810						Trace			
SBR62-6314-16	1810-1840						No oil			
SBR62-6317	1840-1850						Trace			
SBR62-6318-21	1850-1890						No oil			
SBR62-6322-23	1890-1910						§ 1.0 B			
SBR62-6324-33	1910-2010						No oil			
SBR62-6334	2010-2020						Trace			
SBR62-6335-36	2020-2040						No oil			
SBR62-6337	2040-2050						Trace			
SBR62-6338-40	2050-2080						No oil			
SBR62-6341-43	2080-2110						Trace			
SBR62-6344-46	2110-2140						§ 1.0 B			
SBR62-6347	2140-2150	80018	2.1	1.3	96.0	0.6	5.3a	3.1	None	
SBR62-6348	2150-2160	80019	1.1	2.0	96.4	.5	2.8a	4.8	None	
SBR62-6349	2160-2170	80020	1.6	2.0	95.7	.7	4.1a	4.8	None	
SBR62-6350	2170-2180	80021	1.2	1.8	96.4	.6	3.1a	4.3	None	
SBR62-6351	2180-2190						3.0C			
SBR62-6352	2190-2200						1.0 B			
SBR62-6353	2200-2210						3.0C			
SBR62-6354-55	2210-2230						1.0 B			
SBR62-6356-57	2230-2250						3.0C			
SBR62-6358-60	2250-2280						1.0 B			
SBR62-6361-62	2280-2300						Trace			
SBR62-6363-65	2300-2330						§ 1.0 B			
SBR62-6366	2330-2340	80022	.4	.5	98.9	.2	.9a	1.2	None	
SBR62-6367	2340-2350	80023	.9	.8	97.5	.8	2.3a	1.9	None	
SBR62-6368	2350-2360	80024	1.0	1.0	97.1	.9	2.7a	2.4	None	
SBR62-6369-70	2360-2380						§ 1.0 B			
SBR62-6371-72	2380-2400						No oil			
SBR62-6373-74	2400-2420						Trace			

a - Specific gravity estimated due to insufficient oil.

b - Less than 1.0 gallon of oil per ton of shale. - on computer printout this is the max. value - 1.0

c - More than 1.0 but less than 3.0 gallons of oil per ton of shale. on computer printout this is max. value - 3.0

Drill cutting samples received October 6, 1961; assays made on air-dried samples