

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Pacific Transmission Supply Company's Federal Well 14-26 drilled in the SW1/4SW1/4
(1,088 feet FSL, 560 feet FWL) of sec 26, T 26 N, R 112 W, Lincoln County, Wyoming

Surface elevation 6,836 feet

Sample number		Run No.	Yield of product				Specific gravity of oil at 60°/60° F	Properties of spent shale		Remarks
			Weight percent		Gas + loss	Gal per ton		Tendency to coke		
Laramie	Their		Oil	Water		Spent shale			Oil ^{1/}	Water
SBR75-17819-50	0-320						No Oil			
SBR75-17851	320-330						b			
SBR75-17852-4	330-360						No Oil			
SBR75-17855-7	360-390						Trace			
SBR75-17858-73	390-550						No Oil			
SBR75-17874-5	550-570						Trace			
SBR75-17876	580-590						b			
SBR75-17877	590-600						Trace			
SBR75-17878-82	600-650						No Oil			
SBR75-17883	650-660						b			
SBR75-17884-6	660-690						Trace			
SBR75-17887	690-700						b			
SBR75-17888	700-710						Trace			
SBR75-17889	710-720						c			
SBR75-17890	720-730						Trace			
SBR75-17891	730-740						b			
SBR75-17892	740-750	10713	4.0	4.7	89.8	1.4	10.9	11.3	0.889	None
SBR75-17893	750-760	10714	2.4	4.3	91.9	1.4	6.2a	10.3		None
SBR75-17894	760-770	10715	2.6	6.0	89.9	1.5	6.9	14.4	.891	None
SBR75-17895-7	770-800						Trace			
SBR75-17898	800-810	10716	.6	2.5	96.1	.8	1.5a	6.0		None
SBR75-17899	810-820	10717	2.9	4.6	89.3	3.2	7.6a	11.1		None
SBR75-17900	820-830						Trace			
SBR75-17901	830-840						b			
SBR75-17902-3	840-860						Trace			
SBR75-17904-6	860-890						b			
SBR75-17907	890-900	10718	1.2	5.5	90.8	2.5	3.1a	13.3		None
SBR75-17908	900-910	10719	1.5	4.3	92.5	1.7	3.8a	10.4		None
SBR75-17909	910-920	10720	3.9	2.8	91.1	2.2	10.2a	6.6		None
SBR75-17910	920-930	10721	6.6	2.7	89.1	1.6	17.3a	6.5		None

See footnote at end of table.

Drill cuttings received May 30, 1975; assays made on air-dried samples

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Pacific Transmission Supply Company's Federal Well 14-26 (con.)

Surface elevation 6,836 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			
SBR75-17911	930- 940	10722	6.3	3.1	88.9	1.7	16.5a	7.4		None	
SBR75-17912	940- 950	10723	.4	5.2	91.9	2.5	1.0a	12.5		None	
SBR75-17913	950- 960						Trace				
SBR75-17914-15	960- 980						b				
SBR75-17916-17	980-1000						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, "c"--1 to 3 gal oil/ton.

Drill cuttings received May 30, 1975; assays made on air-dried samples