

LITHOLOGIC DESCRIPTION OF SAMPLES SUBMITTED FOR ASSAY ¹¹

Core samples of the Evacuation Creek member of Green River formation from Schuyler Estate's Schuyler corehole No. 1 drilled 500.5 feet $S 9^{\circ} 11' W$ of NE. corner of sec. 24, T. 7 S., R. 97 W., Garfield County, Colorado

Surface Elevation 8614.06 feet

From	To	Description
0	10.0	Drilled through alluvium.
10.0	14.6	Siltstone, light gray to tan, generally massive, calcareous, carbonaceous. Common vertical fractures with iron-stained fracture faces. 1.3 feet of this interval not represented.
14.6	16.0	Siltstone, light gray and tan, interbedded with tan and light brown marlstone. Core is badly fractured and broken. 0.4 foot of this interval not represented.
16.0	35.8	Siltstone, light gray to tan, massive to well defined bedding. Carbonaceous. Some yellowish-brown iron staining. Rare bands of gray siltstone containing numerous flakes of pyrite. Rare bands of tan and light brown marlstone. A 0.1-foot horizontal fracture filled with gypsum crystals and pyrite occurs at 27.2 feet.
35.8	49.0	Sandstone, light gray to yellowish brown, medium to fine grained, massive to poorly defined bedding, limonite staining. Contains rare fragments of siltstone and carbonaceous material. Interbedded with light gray and tan, massive, carbonaceous siltstone.
49.0	56.0	Sandstone, light gray to tan, medium to fine grained, generally massive to faintly bedded, limonite staining, carbonaceous, calcareous in part. Grades to a gray, carbonaceous siltstone in lower part. A 0.4-foot band of bluish-gray limestone occurs at 49.0 feet.
56.0		Bottom of hole.

X-ray identifications made on core.

27.2 Gypsum.

Schuyler No. 2 is a continuation of Schuyler No. 1 through the formation.

By B. L. Short

Illustration No. SBR-2850P

Laramie Petroleum Research Center, Laramie, Wyoming

September 14, 1959

LITHOLOGIC DESCRIPTION OF SAMPLES SUBMITTED FOR ASSAY ^{1/}

Core samples of the Evacuation Creek member of Green River formation from Schuyler Estate's Schuyler corehole No. 2 drilled 1114.7 feet ~~S.~~ 4° 5' ~~N.~~ of NE. corner of sec. 24, T. 7 S., R. 97 W., Garfield County, Colorado

Surface Elevation 8416.45 feet

From	To	Description
0	12.0	Drilled through alluvium.
12.0	20.4	Siltstone, light gray and tan, massive, carbonaceous. A 0.3-foot band of yellow, fine grained sandstone occurs at 18.3 feet.
20.4	27.5	Sandstone, light gray, gray and tan, fine grained, massive, carbonaceous. A 0.1-foot irregular band of bluish gray limestone occurs at 26.4 feet.
27.5	180.8	Siltstone, light gray and gray, massive to well defined bedding, carbonaceous, interbedded with and grading into fine grained, massive sandstones. Sandstone occasionally occurs as lens-like inclusions in siltstone. Bedding dips as much as 30° locally. Appears to be slumping features.
180.8	190.2	Siltstone, light gray and gray, massive to well defined and contorted bedding, carbonaceous. Common lenses and inclusions 1/2-inch and less in length of pyrite. Some 1-inch and less bands grading to light gray, fine grained sandstone.
190.2		Bottom of hole

Schuyler No. 2 is drilled to be a continuation of Schuyler No. 1 through the formation.

By B.L. Short.

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Laramie Petroleum Research Center, Laramie, Wyoming September 14, 1959