

LITHOLOGIC DESCRIPTION OF USBM ROCK SPRINGS WELL 6-7  
 SENENW SEC 15 T 18 N R 106 W SWEETWATER COUNTY, WYOMING

by  
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Footage	Description
100.0-103.2	Siltstone, light gray, tannish-gray, numerous black shale partings or horizontal veinlets with dark shale and some pyrite, sandy in part.
103.2-103.3	Missing.
103.3-105.1	Siltstone as in 100.0-103.2 ft.
105.1-105.2	Missing.
105.2-105.4	Siltstone as in 100.0-103.2.
105.4-107.0	Siltstone and sandy shale, gray to greenish-gray, grading downward into dark mudstone or lean oil shale, some crystal faces below 106.2 ft.
107.0-108.9	Oil shale, gray to dark gray, some greenish-gray, several zones of scattered crystal faces.
108.9-110.3	Oil shale, dark gray to black, platy fracturing.
110.3-110.5	Oil shale, greenish-gray, hard, occasional small crystal faces.
110.5-113.6	Oil shale as in 108.9-110.3.
113.6-114.2	Oil shale, gray to dark gray, some greenish-gray, scattered crystals.
114.2-114.5	Siltstone, light gray, hard.
114.5-116.3	Oil shale, gray, greenish-gray, brownish-gray, abundant crystals.
116.3-120.3	Oil shale, gray, some brownish-gray, breaks easily, platy fracturing.
120.3-123.2	Oil shale, gray to dark gray, abundant to scattered crystal faces, blocky fracturing, firm, some brown dolomite inclusions, dense, hard at 121.0 ft.
123.2-125.0	Oil shale, dark gray to black, faintly laminated, platy fracturing.
125.0-125.1	Ash, tuff, brown, sucrosic, oil saturated.
125.1-126.1	Oil shale as in 123.2-125.0 ft.
126.1-126.3	Sandstone, tuffaceous, white, gray, yellow, very fine to fine-grained, semi-chalky, horizontal shale interbeds in upper 0.1 ft. Minor vertical fractures filled with gray siltstone in lower 0.1 ft.
126.3-128.0	Oil shale, gray, greenish-gray, some dark gray, firm, blocky fracturing, abundant crystal faces, with brown dolomite layers and/or inclusions at 127.0, 127.4, and 127.8 ft.
128.0-129.5	Oil shale, dark gray to some black, rare crystal faces.
129.5-133.4	Oil shale, black, rare dark brown, fractured from 130.6 to 131.0 ft.
133.4-135.6	Oil shale, tan, brown, greenish gray, dark gray, some black, banded, pyrite crystal faces as scattered individuals and in veinlets.