

LITHOLOGIC DESCRIPTION OF USBM ROCK SPRINGS SITE 6, WELL PBC 308
SENEW SEC 15 T 18 N R 106 W, SWEETWATER COUNTY, WYOMING

by

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Footage	Description
106.5-107.7	Oil shale, dark gray to black, faintly laminated.
107.7-108.9	Oil shale, gray to dark gray, some greenish-gray.
108.9-110.8	Oil shale, greenish-gray, trace gray and light gray, rare to common crystal faces.
110.8-112.0	Oil shale, light to medium gray, blocky fracturing.
112.0-114.0	Missing.
114.0-117.3	Oil shale, gray to dark gray, faintly laminated.
117.3-119.7	Oil shale, dark gray to some black, badly broken.
119.7-122.4	Oil shale, black, some dark gray.
122.4-122.5	Oil shale (?) tuff (?) highly pyritic.
122.5-122.7	Oil shale, dark gray, badly broken.
122.7-124.2	Missing
124.2-125.0	Oil shale, gray, some tan dolomitic streaks, common crystal faces.
125.0-126.7	Oil shale, gray to dark gray, some crystal faces.
126.7-129.4	Oil shale, dark gray to black, very faintly laminated.
129.4-133.4	Oil shale, tan, gray, greenish-gray, banded, some pods, inclusions, and beds of dolomite, tan, purple, brown, some as nodules.
133.4-134.5	Oil shale, dark gray to black, very faintly laminated.
134.5-134.8	Tuff, brown, maroon, some gray, slightly porous, traces oil stain; some tan dolomitic layers near base.
134.8-135.1	Oil shale, black and dark brown, laminated.
135.1-136.8	Oil shale, dark brown, black.
136.8-136.9	Tuff, gray, fractured, some porosity, sandy, trace oil stain.
136.9-138.6	Oil shale, dark gray to black, some minor gray layers, brown dolomite inclusion at 137.7'.
138.6-139.1	Tuff, pink, gray, fine-grained, M-BED.
139.1-139.6	Oil shale, dark brown, black.
139.6-140.7	Oil shale (?) or mudstone, tan, brown, gray, greenish-gray, banded.
140.7-140.9	Dolomite, tan to brown, very finely crystalline, hard.
140.9-141.4	Oil shale (?) or mudstone; tan, brown, dark brown, gray with some discontinuous beds of gray silty dolomite at base.
141.4-142.4	Oil shale, brown, gray, greenish-gray, some pyrite, some crystal faces of pyrrhotite (?).
142.4-142.8	Oil shale, brown banded with dark gray and black, some flow characteristic some brown dolomite or tuff streaks.
142.8-143.1	Tuff, gray, fractured and warped.
143.1-144.0	Oil shale, dark gray, black, some dark brown, faintly laminated.
144.0-144.6	Oil shale, gray to dark gray, some black, faintly laminated.
144.6-144.8	Oil shale, greenish-gray, dark gray.
144.8-144.9	Tuff, white, gray, some porosity, trace oil stain, base laced with oil shale.
144.9-147.5	Oil shale (?) or mudstone, tan, brown, greenish-gray, gray, banded, dolomitic, trace minor fracturing.