

LITHOLOGIC DESCRIPTION OF USBM ROCK SPRINGS SITE 6, WELL PBC 408
SENEW SEC 15 T 18 N R 106 W, SWEETWATER COUNTY, WYOMING

by

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Footage	Description
116.5-118.9	Oil shale, dark gray, dark brown, black, varved, trace mineral crystals.
118.9-121.8	Oil shale as above and with numerous natural diagonal fractures. Shale is softer than normal, increase in crystal faces, thin gray tuff at 120.2'.
121.8-122.5	Oil shale, gray, light gray, discs easily.
122.5-122.9	Oil shale, dark brown to black, some crystals.
122.9-123.1	Tuff (?) gray or vein of pyrite, finely crystalline, heavy.
123.1-123.9	Oil shale as in 122.5'-122.9'.
123.9-124.9	Oil shale, dark gray, dark brown, black numerous diagonal fractures, fairly soft but not as soft as 118.9'-121.8'.
124.9-130.1	Oil shale, black, some dark gray and brown, natural vertical fractures at 126.0' and 129.4'.
130.1-132.6	Oil shale, brown, greenish-gray, some dark gray, banded, some thin zones crystals, rare inclusions of brown and maroon dolomite.
132.6-135.5	Oil shale as above but no greenish-gray, more dark gray and dark brown.
135.5-135.7	Tuff, brown to reddish-brown, gray, granular in part, trace oil stain.
135.7-138.0	Oil shale, dark gray to black, some dark brown varving in upper 0.5', pod or inclusion of tan dolomite 137.1'-137.2'.
138.0-138.2	Tuff, tan to brown, some gray, trace oil stain, some porosity.
138.2-140.2	Oil shale, dark gray, dark brown, black, some pods of brown dolomite.
140.2-140.5	Tuff, pink, reddish-brown, maroon, tan, some shale streaks in base. M-BED.
140.5-140.8	Oil shale as in 138.2'-140.2'.
140.8-142.0	Oil shale (?) or mudstone, tan, greenish-gray, trace brown; soft, crumbly, clayey.
142.0-142.1	Oil shale, white to brown, wavy bedding.
142.1-142.3	Oil shale, gray to dark gray, interbedded with zones or injections of gray silty dolomite.
142.3-143.3	Oil shale, greenish-gray, brown, zones of crystals, firm.
143.3-143.8	Oil shale interbedded black and brown, some brown dolomite inclusions.
143.8-146.1	Oil shale, dark brown, dark gray, black, badly broken.
146.1-146.3	Tuff, light gray, gray, salt and pepper texture, minor injections and beds of black shale.
146.3-148.1	Oil shale, dark gray and black, banded with dolomite zones, light tan to light gray.
148.1-150.6	Oil shale (?) or mudstone, tan, gray, some dark gray, soft, clayey.