LITHOLOGIC DESCRIPTION OF USBM ROCK SPRINGS SITE 4 WELL PBC-2 SWSWNE SEC 15 T 18 N R 106 W SWEETWATER COUNTY, WYOMING

George F. (Pete) Dana

Footage	Description
60.0-60.7	Oil shale, gray, some very fine crystal faces.
60.7-60.8	Sandstone, buff, fine-grained, porous, oil stain, as injection or flow feature.
60.8-63.6	Oil shale, dark gray to black, firm, sandy injection feature at 62.4', natural vertical fracture at 62.6-63.3'.
63.6-63.7	Ash or sandstone, gray, very fine-grained with abundant black shale laminations or partings.
63.7-63.9	Sandstone, pink, buff, maroon, very fine-grained, iron oxide stain, some stringers of light gray shale.
63.9-64.4	Oil shale, dark gray, some diagonal natural fractures.
64.4-65.5	Oil shale, gray to greenish gray, abundant crystals, hard but parts easily horizontally.
65.5-66.7	Oil shale, medium to dark gray, parts easily but not strongly heat affected except 66.2-66.4', brown limestone inclusion 65.7'.
66.7-70.6	Oil shale, dark gray to black, fractured, parts easily horizontally, heat affected, diagonal natural fractures at 67.2-67.5' and 68.9-69.1' and 69.9-70.2'.
70.6-71.0	Oil shale, black, badly burned, very soft, clayey in part.
71.0-74.8	Missing.
74.8-75.8	Oil shale, medium to dark gray, some scattered crystals.
75.8-76.5	Oil shale, dark gray, fractures easily horizontally.
76.5-76.7	Ash, siltstone, some sandy, light to medium gray, soft, crumbly, fractures contain black tar residue, porous.
76.7-77.9	Oil shale, dark gray, breaks easily horizontally, heat affected, some thin zones brown, dolomitic to sandy shale.
77.9-80.2	Oil shale, medium gray, some dark, medium soft, natural fracture 78.0-78.6'.
80.2-80.4	Oil shale, dark greenish-gray, rare crystals, firm.
80.4-80.7	Oil shale, black with streaks of dark brown, firm.
80.7-81.1	Sandstone, buff-pink-maroon, fine-grained, internal fractures filled with gray shale or siltstone. M-bed.
81.1-81.7	Oil shale, black, breaks easily horizontally, diagonal natural fracture 81.3-81.5'.
81.7-82.8	Oil shale, gray to brownish-gray, appears heated, residue oil in natural fracture 81.9-82.4'.
82.8-83.8	Oil shale or mudstone, tan to greenish-gray, dolomitic in part, with two zones of algal or ash flow at 83.3' and 83.6' containing some iron stain, firm.
83.8-84.8	Oil shale, gray to greenish-gray, veinlets of crystals and single crystals, hard, firm.
84.8-85.3	Oil shale, dark gray to black, interbedded distinctly with brown to dark brown oil shale as pods and layers.

Footage

Description