

LITHOLOGIC DESCRIPTION OF USEM ROCK SPRINGS PROJECT WELL NO. 18-1
NESENW Sec 15 T18N R106W SWEETWATER COUNTY, WYOMING

January 4, 1967

by

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Footage	Description
30.0-30.8	Shale, oil, olive drab, greenish gray, occasional scattered carbonate crystals above and abundant crystals below 30.5 feet.
30.8-35.0	Missing.
35.0-37.4	Shale, oil, light olive green to light and medium grayish-green, occasional crystals.
37.4-37.9	Shale, oil, medium to dark gray, finely laminated with occasional black shale layers.
37.9-38.0	Tuff (?), purple to dark brown, dark gray, crystalline, carbonate (?), dense, slight oil stain.
38.0-41.2	Shale, oil, light gray to light greenish-gray, some zones of crystals, dense; silty in part.
41.2-43.6	Shale, oil, medium greenish-gray, rare carbonate (?) crystals.
43.6-44.4	Shale, oil, medium to dark gray, banded with medium greenish-gray, rare crystals.
44.4-44.5	Limestone, white to buff, fine to medium crystalline, dense.
44.5-44.8	Shale, oil as in 43.6-44.4 feet, yellowish shades.
44.8-45.3	Shale, oil, medium greenish-gray to olive drab, numerous crystals, fractures filled with carbonate and limestone crystals, buff to cream, slightly pyritic.
45.3-45.8	Shale, oil, medium to dark gray, banded with thin tan dolomitic shale zone at 45.6 feet.
45.8-45.9	Sandstone, buff to medium gray, very fine to fine-grained, fractures filled with dark shale, tuffaceous (?).
45.9-46.6	Shale, oil, medium greenish-gray, abundant crystals with greenish-tan streaks in upper 0.4 feet.
46.6-50.6	Shale, oil, light grayish-green, occasional thinly banded zone, rare crystals, zones of crystals present below 49.9 feet.