

LITHOLOGIC DESCRIPTION OF USEM ROCK SPRINGS PROJECT WELL NO. 17-1

NESENW Sec 15 T18N R106W SWEETWATER COUNTY, WYOMING

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by

George F. (Pete) Dana

Footage	Description
29.0-30.5	Shale, oil, medium gray to grayish-green abundant individual carbonate crystals.
30.5-31.5	Shale, oil, light to medium gray, dense, slightly calcareous in part, streak white to gray crystalline limestone at 31.0 feet.
31.5-36.0	Missing.
36.0-36.9	Shale, oil, dark gray, some medium gray, abundant crystals.
36.9-37.0	Tuff (?) dark maroon-dark gray, mostly crystalline and dense, carbonate (?), trace pyrite.
37.0-39.8	Shale, oil, and siltstone, light gray to light greenish-gray, dense, calcareous.
39.8-43.3	Shale, oil, olive drab, greenish-gray, occasional scattered crystals, dense.
43.3-46.3	Shale, oil, yellowish-tan to greenish-tan, homogeneous, dense, rare stringers of crystals, but individual crystals common below 45.7 feet.
46.3-47.5	Shale, oil, light to medium greenish-gray abundant crystals.
47.5-47.6	Sandstone, light to medium gray, salt and pepper appearance, minor fractures, slightly pyritic, occasional red spots which are iron (?) stains, trace shale partings.
47.6-48.8	Shale, oil, tan, medium to dark brownish-gray, varved, tan streaks are dolomitic, abundant crystals, layer of gilsonite at 48.1.
48.8-49.8	Shale, oil, grayish-green to yellowish-green to gray, some scattered crystals.
49.8-50.8	Shale, oil, medium gray, greenish-gray, calcareous, bands lighter greenish-gray, rare crystals.