

LITHOLOGIC DESCRIPTION OF USEM ROCK SPRINGS PROJECT WELL NO. D-2

SESENW Sec 15 T18N R106W SWEETWATER COUNTY, WYOMING

January 4, 1968

by \bar{z}

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Footage	Description
40.0-40.2	Shale, oil, dark olive drab, abundant carbonate (?) crystals.
40.2-40.6	Shale, oil, medium and some light grayish-green, rare zones crystals.
40.6-40.8	Shale, oil, light gray, dense.
40.8-42.5	Shale, oil, medium greenish-gray, olive drab, light gray bands, abundant crystals.
42.5-46.9	Shale, oil, medium to dark gray, some brownish-gray zones, especially 44.5 feet occasional thin zones of crystals, parallel to bedding.
46.9-49.2	Shale, oil, medium to dark greenish-gray and olive drab, some thin layers dark gray shale, with purple, dense, very finely crystalline dolomitic shale inclusions at 46.9, 47.2, 47.7, 48.3, 48.9, and 49.2 feet, crystals fairly common.
49.2-51.5	Shale, oil, medium to dark gray to black, sooty in part, laminations prominent below 50.8 feet, thin brown sandstone, fine-grained calcareous, oil-stained at 49.9 feet.
51.5-51.6	Sandstone, ash, siltstone, brown and buff to gray, very fine-grained, shaley in part, porous, oil-stained.
51.6-52.7	Shale, oil, as in 49.2-51.5 feet.
52.7-53.1	Sandstone, yellow, buff, light gray, very fine to fine-grained, dark shale laminations, fractured in part, very porous, slight oil stain.
53.1-53.4	Shale, oil, as in 51.6-52.7 feet with some purple to brown dense dolomitic shale inclusions.
53.4-54.7	Shale, oil, olive drab, greenish-gray, occasional thin tan dolomitic shale layer, abundant carbonate crystals.
54.7-59.7	Shale, oil, medium gray to sooty black, some rare banding, thin gilsonite layer at 54.9 feet.