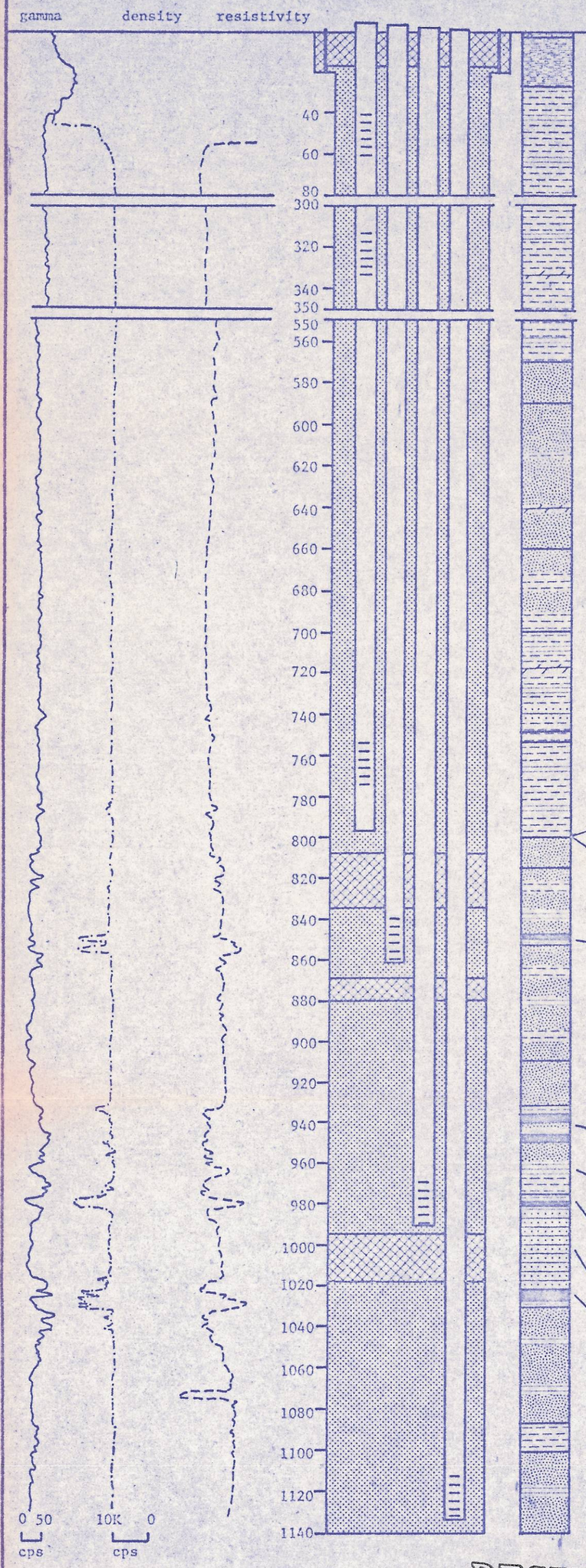


SOIL.

MUDSTONE, yellow.

SHALE, carbonaceous, silty below 190' with interbedded grey CLAY, brown CLAYSTONE and occassional banded, fibrous GYPSUM stringers.

SANDSTONE, black, silty, very fine grained.

SANDSTONE, dark grey to black, silty to clayey, very fine grained with occasional interbedded carbonaceous SHALE and GYPSUM/CALCITE stringers around 640'.

SILTSTONE, dark grey to black and SHALE, carbonaceous.

SHALE, dark grey to black, carbonaceous, CLAY, grey and CLAYSTONE, green with interbedded sandy SILTSTONE, black, fine grained and GYPSUM/CALCITE.

SHALE, black, silty.

SHALE, dark grey to black, carbonaceous, silty with interbedded brown CLAYSTONE and dark green SHALE.

SANDSTONE, grey to dark grey, silty, fine grained.

SANDSTONE, white, quartzose, fine to medium grained with interbedded green SHALE, brown CLAYSTONE and minor amount of PYRITE.

COAL (I-J seam), vitreous with black SHALE and SILTSTONE parting at 852'.

SANDSTONE, light grey to white, quartzose, with interbedded carbonaceous SHALE, green to tan CLAYSTONE and minor amount of GYPSUM.

SANDSTONE, light grey to white, quartzose, very fine to fine grained.

SHALE, carbonaceous.

COAL, (C seam), vitreous, SANDSTONE, light grey, very fine to fine grained, CLAYSTONE, tan to brown and carbonaceous SHALE.

SANDSTONE, grey, quartzose, micaceous, very fine to fine grained, CLAYSTONE, brown, platy and SHALE, blue grey.

SHALE, brown to black, carbonaceous, COAL (C-D seam) and minor amount of very fine to fine grained SANDSTONE.

SILTSTONE, grey green to green, sandy, well indurated.

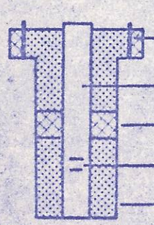
COAL (A seam), vitreous, with partings at 1024-1025, 1027 and 1029'.

SANDSTONE, light grey, quartzose, micaceous, with interbedded tan to brown CLAYSTONE and minor amounts of carbonaceous SHALE and COAL.

SHALE

SANDSTONE with interbedded CLAYSTONE, same as 1031-1087' interval.

LEGEND



8 5/8" surface casing

1" galvanized casing

grout seal

1" X .0625" perforations on 4" centers

sand

vertical scale: 1" = 50'

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SEP 05 1990
DIVISION OF
OIL, GAS & MINING

CONSOLIDATION COAL CO.

Emery Mine, Emery, Utah

Hydrogeologic Log

Well #H

Prepared by Watec, Inc., November 1979.