

DESCRIPTIONS OF FORMATIONS PENETRATED
(Intepreted From Drill Cuttings & Electric Log)

- 810 - 850' Sandstone; very fine grained, silty, tuffaceous, calcareous; interbedded with medium greenish gray, firm siltstone. Sandstone consists of subangular grains of feldspar and glassy quartz.
- 850 - 920' Mudstone; medium greenish gray, silty, slightly tuffaceous, firm-very firm, occasional white shell fragments, some small white pieces of calcite. Weak, spotty blue fluorescence.
- 920 - 950' Sandstone; med-lt gray, very fine grained, silty, slightly tuffaceous, some white shell fragments. Consists of subangular grains of feldspar and quartz glass, some small black fragments (basalt?). This sandstone is slightly calcareous. No hydrocarbon fluorescence.
- 950 - 1125' Mudstone; med-dark greenish gray, firm, tuffaceous, slightly calcareous. Some dark gray, silty shale. No hydrocarbon fluorescence. Lime cemented layer at 980-990'.
- 1125 - 1150' Sandstone; med - light gray, fine-medium grained, portions lime cemented, tuffaceous, firm-brittle. Consists of subangular grains of feldspar and quartz glass, some brownish black basaltic glass, some angular, black fragments of basalt, some white pieces of calcite. No hydrocarbon fluorescence.
- 1150 - 1190' Mudstone; med-dark gray, very firm, clayey, slightly tuffaceous. No hydrocarbon fluorescence.
- 1150 - 1370' Siltstone; med-dark gray, very firm, calcareous and lime cemented sandstone? No hydrocarbon fluorescence. Large amount of cement slough from surface casing.
- 1370 - 1480' Basalt; black, hard, microcrystalline with some calcite veining and segregations. Upper 50' of this section is basaltic breccia?

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- 1480 - 1515' Sandstone; med gray, friable, medium-coarse grained, consists of subrounded grains of feldspar and quartz, abundant small fragments of milky white calcite, a few small clusters of pyrite crystals, some subrounded grains of basalt. Trace of oil on this samples but it did not fluoresce, probably contamination from drilling equipment.
- 1515 - 1610' Basalt; black, hard and basalt breccia in the lower section?
- 1610 - 1630' Sandstone; lt-med gray, very fine- fine grained, silty, friable, argillaceous, tuffaceous, slightly calcareous. No hydrocarbon fluorescence.
- 1630 - 1810' Siltstone; med-dark gray, very firm, slightly calcareous with thin interbedded very fine grained, silty, argillaceous sandstone. Weak, spotty blue hydrocarbon fluorescence, probably contamination.
- 1810 - 1889' Mudstone; med grayish brown, very firm, silty, tuffaceous. No hydrocarbon fluorescence.

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NOTE: Cuttings were mixed with a large amount of cement slough from the surface casing. Drilling mud hydraulics were poor in the lower part of the hole causing mixing of drill cuttings.