

GEOLOGIST'S LOG OF WELL H-M-311

| <u>Depth(feet)</u> | <u>Lithology</u>   |
|--------------------|--|
| 0-7                | Sand, brownish-gray, unconsolidated, organic rich upper 1 foot, fine to coarse sized quartz grains, basal clayey.                                  |
| 7-14               | Shell marl, yellowish-gray, 10-20% lime mud, light yellowish gray, sandy, common soft limestone interbedded same.                                  |
| 14-25              | Lime mud, light yellowish-gray and shell, as above, becoming gray stiffer clay with depth, sandy.  |
| 25-40              | Clay, light olive gray, stiff, sandy, and shell, light gray, common interbedded soft marly limestone, yellowish-gray, from 30 feet.                |
| 40-55              | Marl, as above, and tan sandy clay interbedded.  |
| 55-80              | Limestone, light olive gray, medium to hard, good moldic porosity, marly to 58 feet, sandy.  |
| 80-110             | Limestone, light yellowish-gray, hard, good moldic porosity, quartz sand abundant. Lost circulation zone from 80-83 feet, very soft from 109 feet. |