

TABLE

GEOLOGISTS LOG OF WELL H-M-310
(ROGERS RANCH USSC FIELD #24)

<u>Depth(feet)</u>	<u>Lithology</u>
0-4	Sand, brownish gray (5 YR 4/1), unlithified, organic rich, fine to coarse sized quartz grains, clayey with depth.
4-27	Limestone Marl, yellowish gray (5 Y 7/2), medium hardness to unlithified, sandy, abundant light olive gray (5 Y 5/2) shell and barnacle fragments from 10 feet.
27-39	Clay, light olive gray (5 Y 6/1), unlithified, and marly limestone, as above, abundant fine quartz sand and silt.
39-49	Clay, as above, abundant shell, gray (N6), fine quartz abundant.
49-54	Sand, fine quartz, and shell, clayey matrix as above.
54-63	Limestone marl, yellowish gray (5 Y 8/1), and gray shell (N5), soft, 20-30% unlithified, quartz sand common.
63-85	Limestone, light olive gray (5 Y 6/1), medium hardness, well developed secondary solutioning of fossil remains, minor fine gray shell fragments, excellent moldic porosity.
85-95	Limestone, as above, and yellowish gray (5 Y 8/1), quartz sand abundant, good moldic porosity.
95-111	Limestone/sandy limestone, yellowish gray (5 Y 8/1), medium hardness, finer moldic porosity than above, barnacle fragments common.
111-125	Sandstone and sand, yellowish gray (5 Y 8/1), loosely consolidated, quartz sand fine in size, minor shell fragments.
125-135	Sandstone light olive gray (5 Y 6/1), poorly consolidated, similar to above.
135-140	Clay, grayish olive (10 Y 4/2), unlithified, abundant fine sand and silt size quartz and phosphate.