







~~PHYSIOLOGY LOG FOR LIFT 730~~  
~~PHYSIOLOGY LOG FOR LABORATORY WELL~~  
~~NE SE SEC 25 T40N R06E~~

Depth (ft)		Lithology
Top	Bottom	
690	695	Limestone, dusky yellow (5Y 8/4), biomicritic, very hard, some dolomite, some fine to coarse phosphate sand and granules, excellent porosity, excellent apparent permeability
695	702	Marl, yellowish gray (5Y 8/1), biomicritic, abundant limestone fragments - as above (690' - 695'), some dolomite, some phosphate granules and fine to coarse sand
702	710	Limestone, light brown (5YR 6/4), micritic and biomicritic, minor dolomite, rare phosphate granules, fair porosity, fair to poor apparent permeability
710	717	Lime mud, white (N9), stiff, sticky, abundant phosphate granules and pebbles, minor shell fragments and limestone fragments as above
717	717.5	Limestone, yellowish gray (5Y 8/1), biomicritic, good to excellent porosity, good to excellent apparent permeability
717.5	718	Clay, dark greenish gray (5GY 4/1), stiff, sticky
718	720	Lime mud, white (N9), stiff, sticky, some shell fragments and limestone fragments as above
720	723	Marl, yellowish gray (5Y 8/1), biomicritic, some phosphate granules and fine to coarse sand
723	726	Lime mud, white (N9), stiff, sticky, some shell fragments and limestone fragments as above
726	728	Limestone, yellowish gray (5Y 8/1), biomicritic, some dolomite, minor very fine to coarse phosphate sand, good porosity, good apparent permeability
728	755	Limestone, yellowish gray (5Y 8/1), biomicritic and micritic, some dolomite, some lime mud, rare phosphate granules, excellent porosity, excellent apparent permeability
755	756	Lime mud, white (N9), stiff, sticky
756	764	Marl, yellowish gray (5Y 8/1), micritic, some lime mud, minor dolomite, minor green sticky clay
764	768	Limestone, yellowish gray (5Y 8/1), biomicritic and biosparitic, abundant sparite, shell casts, good porosity, good apparent permeability
768	786	Limestone, yellowish gray (5Y 8/1), biomicritic and biosparitic, abundant sparite, some dolomite, minor lime mud, shell casts, good porosity, good apparent permeability
786	805	Marl, yellowish gray (5Y 8/1), biomicritic, some fine grained dolomite, some lime mud
805	843	Limestone, grayish yellow (5Y 8/4), biomicritic and calcarenitic, some lime mud, rare mold casts, sulfur smell, excellent intergranular porosity, excellent apparent permeability
843	854	Limestone, grayish yellow (5Y 8/4), biomicritic and calcarenitic, some lime mud, common shell
854	855	Marl, yellowish gray (5Y 8/1), biomicritic, abundant limestone fragments as above
855	858	Lime mud, very light gray (N8), soft, sticky, some limestone fragments as above, minor shell fragments
858	863	Limestone, yellowish gray (5Y 7/2), biomicritic, good to excellent porosity, good to excellent apparent permeability
<del>863</del>	<del>866</del>	<del>Marl, yellowish gray (5Y 7/3), biomicritic, some lime mud</del>
866	876	Limestone, yellowish gray (5Y 7/2), biomicritic, good porosity, good apparent permeability
876	878	Marl, yellowish gray (5Y 7/3), biomicritic, common lime mud
878	883	Lime mud, yellowish gray (5Y 7/2), soft, sticky
883	888	Marl, yellowish gray (5Y 7/3), biomicritic, common lime mud
888	893	Lime mud, very light gray (N8), soft, sticky, some limestone fragments as above, minor shell fragments
893	906	Marl, as 883' - 888'
906	912	Marl, medium light gray (N6), micritic, abundant limestone, some lime mud
912	916	Lime mud, yellowish gray (5Y 7/2), abundant shell fragments, abundant micritic limestone
916	918	Marl, as 906' - 912'
918	927	Lime mud, as 912' - 916'
927	930	Marl, as 906' - 912'
930	936	Lime mud, as 912' - 916'
936	942	Limestone, yellowish gray (5Y 7/2), biomicritic, good porosity, good apparent permeability
942	943	Clay, dark yellowish brown (10YR 4/2), minor shell fragments
943	948	Limestone, yellowish gray (5Y 7/2), biomicritic, good porosity, good apparent permeability