0-1984

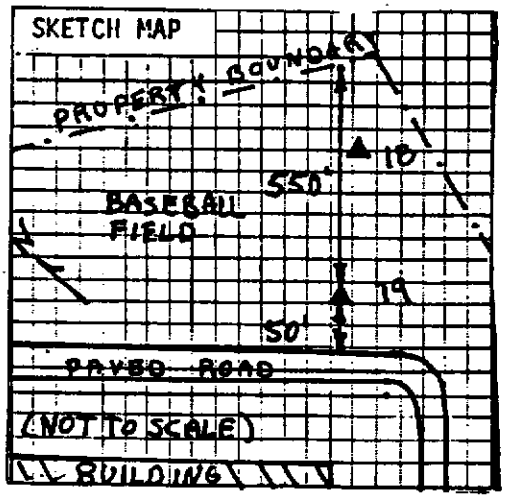
Betz-Converse-Murdoch Inc. BCM Dg14-54

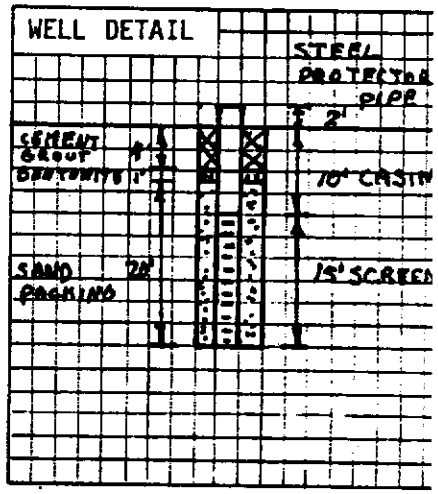
Drilling Log

Well Number 19

Client NCR Millsboro, Delaware
Project No. 00-4529-10
Well Location Southeast corner of building across road
Driller/Company Ed Kelley & Calvin Wallace/Delmarva Drilling Co.
Drilling Method Mud rotary Hole Diameter 8 3/4" Date(s) Drilled 12/7-8/83
Sample Type Split spoons Sample Interval 5' No. Samples Retained 5
Surface Elevation 22.39' Casing Top Elevation 24.35' steel Total Well Depth 25'
Casing Material and Size 4" ID Sch 40 PVC Cased Interval(s) 0 - 10'
Grouting Type Portland cement Grouted Interval 0 - 5'
Screening Material and Size 4" ID Sch 40 .016" slotted PVC Screened Interval(s) 10 - 25'
Packing Material and Size Coarse grained, silica sand Packed Interval 5 - 25'
Depth to Static Water 14.79' PVC Date 1/4/84 Approx Well Yield 20 gpm
Development Method Compressed air Development Time 1hour
Logged by: P. A. Coppock

Comments Drilling mud was not necessary





Depth Scale	Sample	Spoon Blows	Description of Materials
0 - 3'	5'	20/12"	Yellowish tan, fine to medium grained, silty SAND
	10'	53/9"	
3 - 9'			Grey CLAY
	15'	63/9"	
9 - 12'			Grey CLAY with a trace of fine sand
	20'	55/5"	
12 - 15			Yellowish tan, fine to medium grained silty
	25'	43/6"	SAND interbedded with gray sandy CLAY (one at 15' clay
			at the top and sand at the bottom)
15 - 20'			Yellowish tan, medium to coarse grained SAND with fine
			gravel
20 - 22'			White, medium to coarse grained SAND; matrix is milky whi
22 - 25'			Tan, medium to coarse grained SAND with a trace of fine
			gravel
25'			End of hole