3/1984

Betz-Converse-Murdoch-Inc. BCM

Drilling Log

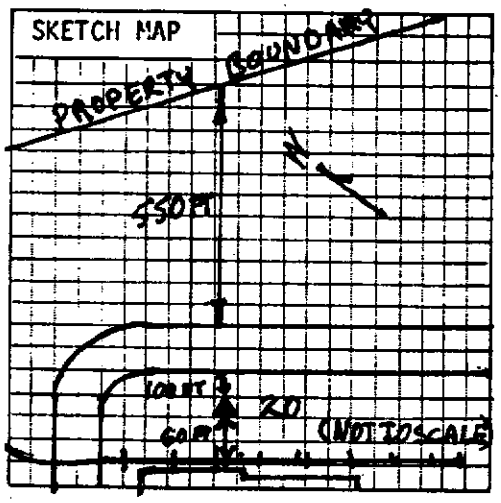
Well Number WP- 20

Cpg14-SS

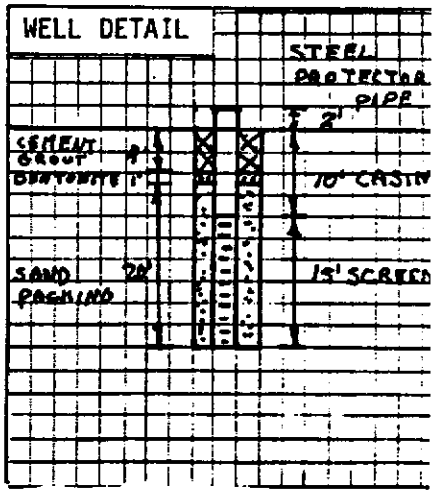
Client NCR Millsboro, Delaware
Project No. 00-4529-10
Well Location 60' east of building near maintenance entrance
Driller/Company Ed Kelley & Calvin Wallace/Delmarva Drilling Co.
Drilling Method Mud rotary
Hole Diameter 8 3/4"
Date(s) Drilled 12/8/83
Sample Type Split spoons
Sample Interval 5'
No. Samples Retained 5
Surface Elevation 21.37'
Casing Top Elevation 25.70' 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 13.75' PVC
Date 1/5/84
Approx Well Yield 5 gpm
Development Method Compressed air
Development Time 1.5 hr.
Logged by: P.A. Coppock

Comments Drilling mud was not necessary

SKETCH MAP



WELL DETAIL



Depth Scale	Sample	Spoon Blows	Description of Materials
0 - 5	5'	61/12"	Tan, brown, grey, fine to medium grained, silty SAND
	10'	34/6"	
5 - 12'			Tan, brown, white, medium - coarse grained silty SAND
	15'	30/6"	Colors are interbedded.
12 - 18'	20'	24/6"	White-gray, fine grained SAND with black grains. Tan
			fine to medium SAND interbedded with the grey to
	25'	21/12"	white sand
18 - 23'			White to gray, fine to medium grained SAND
23 - 25'			White to gray, fine grained, clayey SAND with a trace of
			fine to medium grained GRAVEL
25'			End of hole