WELL C-21 SURFACE ELEVATION: +66.46 FT. TOP OF WELL CASING: +66.35 FT. COORDINATES: NS80,550.5 FT. E436,200.4 FT. DC52-101 DEPTH & IN FEET O COUNT SYMBOLS DESCRIPTIONS MED. DENSE ORANGE-BROWN SILTY FINE TO MED. SAND, TRACE GRAVEL (SM) 22 LOOSE GRANGE FINE TO MED. SAND SM SOME SILTY CLAY, LITTLE GRAVEL (SM) 9 🗖 MED. DENSE ORANGE FINE TO MED. SAND, SOME SILT, TRACE GRAVEL 10. 15 LOOSE GRANGE-BROWN, FINE TO MED. SAND. LITTLE SILT, GRAVEL (SP) O. MED. DENSE ORANGE-BROWN GRAVELLY SAND. TRACE SILT (SP) 20 LOOSE ORANGE-BROWN MED. TO COARSE SAND, SOME GRAVEL, TRACE SILT (SP) 25 13 🗷 MED, DENSE BROWN FINE TO MED. SAND, LITTLE GRAVEL, TRACE SILT 30 20 🗾 SP DENSE BROWN-TAN GRAVELLY SAND, TRACE SILT (SP-GW) 35 36 MED. DENSE TAN-ORANGE LAYERED FINE SAND, SOME COARSE SAND, LAYERS OF GRAY SILTY CLAY. (SP-CL) 13 40 MED. DENSE ORANGE FINE TO MED. SAND, TRACE SILT, LAYERS BLACK SAND, TRACE GRAVEL (SP) ZI 🗹 MED. DERSE ORANGE-BROWN FINE SAND, SOME GRAVEL, TRACE SILT 45 14 🖸 MED. DENSE TAN-BROWN, FINE SAND, TRACE SILT (SP) 50 16 GRADING LESS DENSE ю 5.5 BROWN MICACEOUS CLAY, SOME FINE SAND (CL) CL STIFF BLACK-GREEN MICACEOUS CLAY, TRACE LAYERED FINE SAND. (CL) 60 CL 17 🗗 🖁

**WELL LOGS** 

NOTES FOR WELL C21:

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- DRILLING COMPLETED TO A DEPTH OF 62 FEST ON MARCH 15, 1984.
- 2 NO CASING USED IN DRILLING.
- 3. BENTONITE DRILLING MUD USED.
- 4. 4-INCH DIAMETER PVC WELL CASING INSTALLED TO 59.5 FEET,
- 5. 35 FEET OF 4 INCH DIAMETER PVC SCREEN SET FROM 24.5 to 59.5 FEET.
- G GROUNDWATER LEVEL MEASURED AT: ELEVATION 26.99 FT. (3-17-84) ELEVATION 27.36 FT. (4- 3-84 ELEVATION 28.25 FT. (5- 2-84)
- 7. DELAWARE WELL PERMIT NO. 56327.

## GENERAL NOTES:

- 1. THE FIGURE IN THE COLUMN LABELED
  "BLOW COUNT" REFER TO THE NUMBER
  OP BLOWS REQUIRED TO DRIVE A SPLIT
  SPOON SAMPLER FOR ONE FOOT.
  A 3-INCH OUTSIDE DIAMETER SPOON
  MAS USED WITH A 300 POUND DRIVE
  WEIGHT FALLING 30 INCHES.
- 2. LETTER "P" IN THE "BLOW COUNT"
  COLUMN INDICATES THAT THE SAMPLE
  WAS OBTAINED USING A SHELBY TUBE
  SAMPLER. THE SAMPLE TUBE IS 30
  INCHES LONG, 3 INCHES O.D., AND
  ABOUT 2.9 INCHES I.D. HADE OF
  STEEL OR BRASS. THE SAMPLE
  TUBES WERE ADVANCED HYDRAULICALLY.
- 3. ELEVATIONS ARE IN PEET REFER TO MEAN SEA LEVEL DATUM OF 0.0 FEET.
- COORDINATES ARE IN FEET REFER TO THE STATE OF DELAWARE GRID SYSTEM.