

# DRILLING LOG

Well No. Recovery Well Application No. Permit No. 65227  
 Date Drilled 06--3--86 County Sussex Usa monitor  
 Location NW corner of US 1 and York Rd., South Bethany, Delaware  
 Owner Service Oil Co. Address P.O. Box 279, Milford, Del. 19963  
 Drilling Method Hollow Stem Auger Sampling Method cuttings  
 Casing Diameter 11' Total Depth 20'  
 Casing Type PVC (blk screen) Diameter 4" Length 2'  
 Screen Type Threaded PVC Slot 0.020 Diameter 4" Length 18'  
 Gravel Pack Size #1 Morie Sand Casing Seal Cement and Bentonite  
 Static Water Level 3.89 Geologic Formation Sand

**65227**

DEPTH BELOW SURFACE	SAMPLE NUMBER	BLOWS PER 6" ON SAMPLER	WELL DESIGN	IDENTIFICATION OF SOILS/REMARKS
			well screen	0-1' Sand fill
				1'-3' Tan to brown, medium, well sorted, subrounded, quartz SAND.
				3'-7.5' Gray, medium (mL some mU), well sorted, subrounded, quartz SAND
				7.5'-12' light Gray, medium (mL some mU), well sorted, subrounded quartz SAND
10				12'-17.5' dark Gray to dark brown, medium (some fine to coarse), moderately to well sorted, subrounded, quartz SAND.
				17.5'-18.5' light Gray, medium (mL to mU), well sorted, subrounded, quartz SAND
20				18.5'-20' Gray, clayey (<6% clay), fine to coarse, poorly sorted, subrounded, quartz SAND.
				Well completed below grade in a manhole with seal and locking cap.
				log by S. Boyce
				Well to be used as pumping recovery well.

Q152-56

**RECEIVED**  
 JUN 9 1986  
**WATER SUPPLY**