

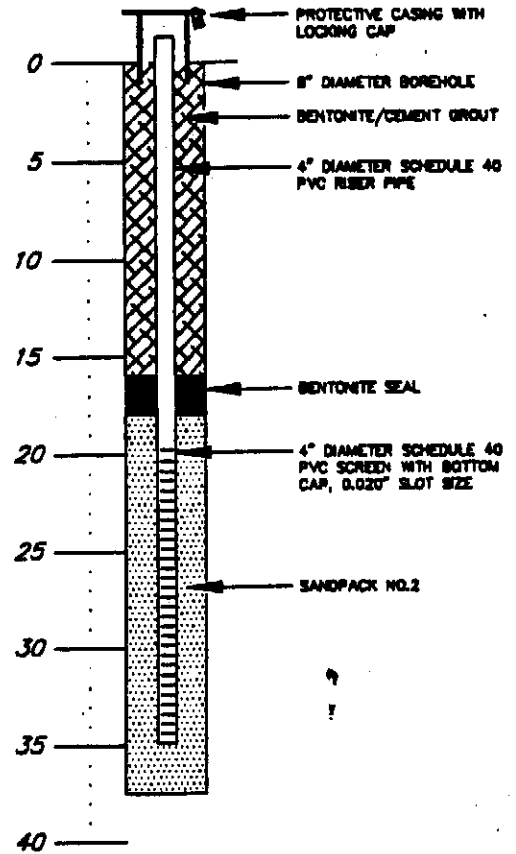
Dc53-123

**BORING F-4**  
 SURFACE ELEVATION = 21.0'  
 N 577582.488  
 E 442052.398

DEPTH IN FEET	BLOW COUNT	SYMBOLS	DESCRIPTIONS
0			CRUSHED STONE
0-3	3 3	CL	FILL, SANDY GRAVELLY CLAY, GRAY
3-7	7 7		
7-1	1 2		
1-2	2 2		
2-5	2 2		
5-1	1 2	SM	FILL, CLAYEY SAND, BROWN, MEDIUM DENSE
1-2	2 2		
2-7	7 9		
7-3	3 4	CL	CLAY, GRAY, SOFT, HIGH PLASTICITY
3-7	7 8		
7-15	3 3	ML	SILT, SOME CLAY, GRAY, SOFT, DRY, WOOD FRAGMENTS AT 18.5'
15-7	7 8		
7-7	7 7	CL	SILTY CLAY, DARK GRAY, SOFT, MOIST
7-1	1 1		
1-2	2 8	ML	SILT, MOTTLED GRAYISH-BROWN, MICACEOUS
2-3	3 8		
3-9	9 11	SM	FINE TO MEDIUM SAND, THIN COARSE SAND AND GRAVEL LAYERS, SOME BLACK MINERAL SANDS, BROWN, WET, LOOSE TO MEDIUM DENSE
9-4	4 4		
4-1	1 5		
1-5	5 4		
5-1	1 4		
1-7	7 8	SM	
7-1	1 8		
1-8	8 1		
8-1	1 3		
1-3	3 3		
3-8	8 8	SM	
8-1	1 3		
1-7	7 3		
7-8	8 3		
8-1	1 3	SM	
1-3	3 3		
3-8	8 8	SM	
8-1	1 3		
1-7	7 3	SM	
7-8	8 3		
8-4	4 8	SM	
4-8	8 8		

TOTAL DEPTH = 37.5 FEET

**WELL F-4**  
 TOP OF PVC ELEVATION = 24.01'



LOG OF SOIL BORING AND MONITORING WELL DETAIL  
 DELAWARE CITY REFINERY  
 DELAWARE CITY, DELAWARE

**NOTES:**

1. DRILLING COMPLETED TO A DEPTH OF 37.5 FEET ON 4/28/92 BY WALTON DRILLING.
2. BORING WAS SAMPLED CONTINUOUSLY WITH SPLIT SPOON SAMPLERS.
3. NO PID HEADSPACE MEASUREMENTS ABOVE BACKGROUND WERE MEASURED.
4. ENCOUNTERED WET SAND AT 22 FEET. WATER LEVEL ROSE TO 13.9 FEET IN 20 MINUTES.
5. DEPTH TO WATER FROM TOP OF PVC CASING WAS 14.29 FEET ON 5/13/92.