

DC52-118

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1991-12-00

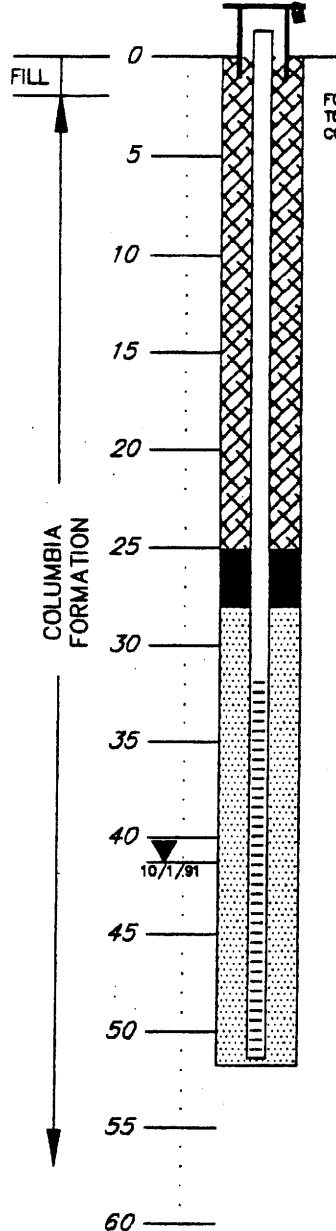
BORING D15

WELL D15

SURFACE ELEVATION = +82.1'
N 577408.6
E 438772.9

TOP OF PVC ELEVATION = +64.05'

DEPTH IN FEET	SAMPLES	BLOW COUNT	SYMBOLS	PID (ppm)	DESCRIPTIONS
0					
12	0	12	GP	1.0	SAND AND GRAVEL FILL
5		13		0.9	MEDIUM TO COARSE SAND WITH TRACE SILT, BROWN, MEDIUM DENSE
10		11		8.1	
15		12		24	FINE TO COARSE SAND WITH SOME GRAVEL AND TRACE SILT, LIGHT BROWN TO GRAY, MEDIUM DENSE
20		14		72	GRADES TO LIGHT BROWN
25		12	SP	63	FINE TO MEDIUM SAND WITH TRACE SILT, LIGHT BROWN, MEDIUM DENSE
30		18		125	
35		18		140	
40		13		100	MEDIUM TO COARSE SAND WITH TRACE SILT, BROWN WITH BLACK OILY LAYERS, MEDIUM DENSE
45		16		-	
50		16		30	MEDIUM TO COARSE SAND WITH TRACE SILT, ORANGE, MEDIUM DENSE
55		17		62	GRADES TO ORANGE BROWN
60					



NOTES:

1. DRILLING COMPLETED TO A DEPTH OF 55 FEET ON 9/26/91. BLOW COUNTS TAKEN USING A 300-lb. HAMMER.
2. BENTONITE DRILLING MUD USED.
3. CAVE IN FROM 51.8 FEET TO 57 FEET.
4. 4" PVC CASING WITH 0.010-INCH SLOTS FROM 31.9 FEET TO 51.5 FEET.
5. GROUND WATER ELEVATION AT +20.75 FEET (ABOVE PLANT DATUM WHICH IS 0.37 FOOT ABOVE NGVD) OR AT 41.3 FEET BELOW GROUND SURFACE ON 10/1/91.
6. HEADSPACE PHOTOIONIZATION DETECTOR (PID) READINGS OBTAINED WITH A 10.2 eV LAMP AND A DETECTOR CALIBRATED TO BENZENE.

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