

Engineering Drilling Company

DC53-45

IN PROJECT Lexaco Refining & Marketing
 WS LOCATION STATE PERMIT # 10462
 BORING NO. 29 GROUND ELEV. _____ B.M. ELEV. _____

BEGIN BORING: DATE _____ TIME _____
 FINISH BORING: DATE 8-6-57 TIME _____

DRIVE HAMMER { DISTANCE DROP _____ INCHES
 WEIGHT _____ POUNDS
 CASING SIZE _____

WATER OBSV. PIPE _____ FT.
 CORE BIT SIZE _____
 UNDISTURBED SAMPLE SIZE _____ INCHES O.B.
 ANGLE OF INCLINATION _____
 WATER PRES. TEST _____

SPOON HAMMER { DISTANCE DROP _____ INCHES
 WEIGHT _____ POUNDS
 SPOON SIZE _____ INCHES

GROUND WATER	DATE	HOUR		DI
		AM	PM	

* IF NO WATER IS ENCOUNTERED WRITE -

DEPTH FROM-TO	DESCRIPTION	SAMPLE NUMBER	EARTH	
			DEPTH FROM-TO	SPOON BLOWS PER 6 INCHES
0'-6'	Brown Clay w/ Silty Sand		5'-7'	2-5
6'-8'	Brown Gray Clay w/ Silty		10'-11'	5-10
8'-12.5'	Brown Silty Clay		15'-17'	16-19
12.5'-20'	Fine-Medium-Coarse Orange Sand & Gravel		20'-22'	20-24
			25'-27'	15-17
20'-30'	Fine-Medium Orange-Brown Sand		30'-32'	15-14
30'-34'	Fine Yellow Sand		35'-37'	3-8
34'-36'	Orange & Brown Clay		40'-40'	5-6
36'-51'	Gray Silty Clay		45'-47'	10-10
			45'-47'	5-12
			50'-51'	5-16
				6-12
				14-13

Well AT - 32'
 Screen Interval - (4"x4") #100 Slot (10'-30')
 Tail - (2"x4") (30'-32')
 Water Level - 11'

RECEIVED

SEP 23 1987

WATER SUPPLY

1991-12-00

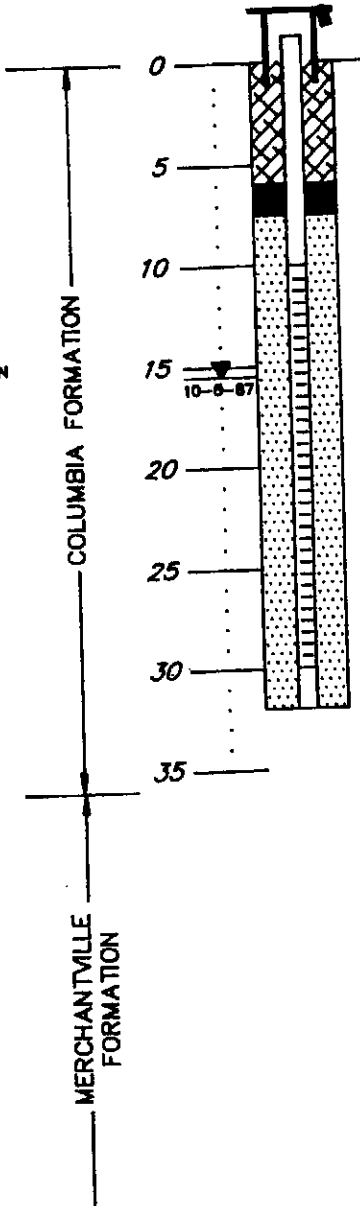
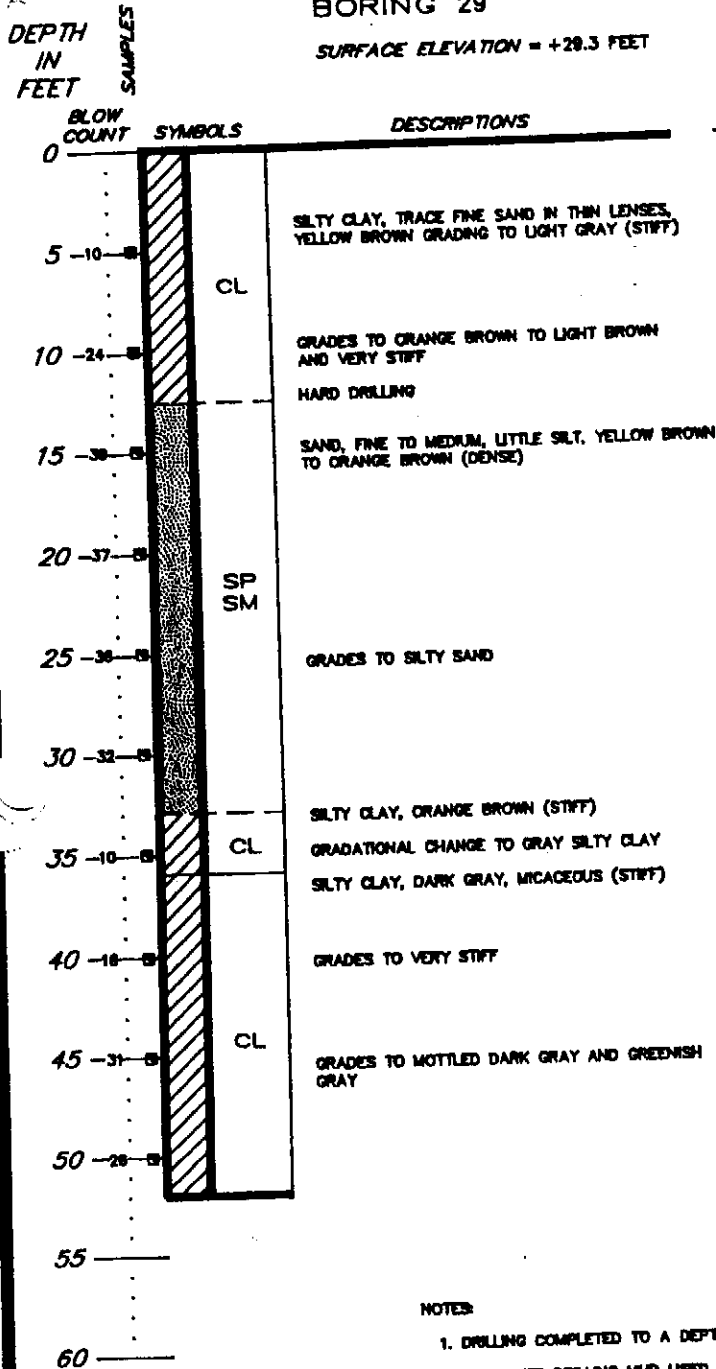
Dc53-45

BORING 29

WELL 29

SURFACE ELEVATION = +29.3 FEET

TOP OF PVC ELEVATION = +31.01 FEET



NOTES

1. DRILLING COMPLETED TO A DEPTH OF 82 FEET ON 8-8-87
2. BENTONITE DRILLING MUD USED
3. CAVE IN FROM 32 FEET TO 82 FEET
4. 4" PVC CASING WITH 0.020-INCH SLOTS FROM 10 FEET TO 30 FEET
5. GROUND WATER ELEVATION AT +13.42 FEET (ABOVE M.S.L.) OR AT 15.88 FEET BELOW GROUND SURFACE ON 10-5-87

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

DAMES & MOORE