

Sheet 14

FOUNDATION TESTING and SOIL SAMPLING RECORD

ME: Lidewater Refinery LOCATION: Del. city Del.

HOLE NO. 1C SURFACE ELEVATION 14.4 RIG NO. \_\_\_\_\_ DATE: From \_\_\_\_\_ To \_\_\_\_\_ 19\_\_\_\_

BORING LOG		SPOON SAMPLE AND CORE DATA					BLOWS ON CASIN		
DEPTH FROM-TO	DESCRIPTION OF MATERIAL <small>Based On Samples Recovered Plus Observation Of Material Returned Between Samples</small>	SAMPLE NUMBER	DEPTH FROM-TO	BLOWS PER FT. ON SAMPLES	ROCK CORE RECOV'D	D=DRY U=UNDISTURBED T=TRAP W=WASH R=ROD C=CORE	CORE RECOV'D — NO. PCS. REMARKS *	0-1	51-52
								1-2	52-53
0-8'	Brown Silty clay	1	0'-2'	Tube					
		2	5'-7'	Tube					
8-10'	medium Brown Silty Sand	3	9'-11'	Tube					
10-11'	Yellow & Brown clay	4							
11-20'	medium Brown Sand	4	15'-16.5'	5-5	5	Recov'd Bag	1.42		
20-25'	medium Brown Sand & clay	5	20.-21.5'	7-12	15	"	.57		
25-25'	medium Brown Sand & med. gravel	6	25.-26.5'	7-12	17	"	.92		
		7	30-31.5'	20-20	31	"	.62		
		8	35-36.5'	13-20	26	"	.62		
		9	40-41.5'	20-19	21	"	.72		
		10	45-46.5'	12-17	19	"	.90		
		11	50-51.5'	17-27	40	"	1.32		
		12	55-56.5'	11-14	18	"	1.25		
		13	60. 61.5'	13-18	20	"	1.20		
		14	65. 66.5'	6-12	20	"	.82		
		15	70. 71.5'	66-142	15	Tube			

GROUND WATER

PIPE AND CASING LEFT IN HOLE

Distance Hammer Drop..... Inch

DEPTH	HOUR	DATE

SIZE	AMOUNT	REASON

Drive Hammer.....	Lbs.	46-47	97-98
Spoon Hammer.....	Lbs.	47-48	98-99
Casing Size.....	Inch	48-49	99-100
Spoon Size.....	Inch	49-50	100-101
Size of Core Bit.....	Inch	50-51	101-102

NOTE: \*Classification of soil has been made by the driller and has not been checked by a soils engineer. Classification of rock has been made by the driller and has not been checked by a geologist.

\* Under Remarks, mention kind of bit, loss of sample, loss of drilling water, soft seamy or broken Rock, caving, cavities, unusual Ground water conditions, etc., at depth encountered.

Driller L. P. Doudy

Helper \_\_\_\_\_

Helper \_\_\_\_\_

Sheet 2 of

FOUNDATION TESTING and SOIL SAMPLING RECORD

NAME: Tidewater Reference LOCATION: D.P. city D.P.

HOLE NO. 1C SURFACE ELEVATION 114 RIG NO. \_\_\_\_\_ DATE: From \_\_\_\_\_ To \_\_\_\_\_ 19\_\_\_\_

BORING LOG		SPOON SAMPLE AND CORE DATA				BLOWS ON CASING	
DEPTH FROM-TO	DESCRIPTION OF MATERIAL Based On Samples Recovered Plus Observation Of Material Returned Between Samples	SAMPLE NUMBER	DEPTH FROM-TO	BLOWS PER FT. ON SAMPLES	ROCK CORE RECOV'D	D=DRY U=UNDISTURBED T=TRAP W=WASH R=ROD C=CORE	CORE RECOV'D — NO. PCS. REMARKS *
71'	Black Sand	16	75.0-77.0	7.0	Tube		0-1 51-52
81'	Silt with mica	17	80.0-81.5	1.5	Tube		1-2 52-53
81'	Light & Dark	18	85.0-86.5	1.5	9-17-70		2-3 53-54
100'	gray sand silt	19	90.0-91.5	1.5	Tube		3-4 54-55
		20	95.0-96.5				4-5 55-56
100'	gray & tan	21	100.0-101.5		Tube		5-6 56-57
100.9	Sand & Clay						6-7 57-58
100.9	Red & gray						7-8 58-59
105.0	clay & Sand						8-9 59-60
105.0	grayish tan	22	105.0-106.5		Tube		9-10 60-61
113'	Sandy clay	23	110.0-111.5		Tube		10-11 61-62
113.0	Red white & Brown	24	115.0-116.5		Tube		11-12 62-63
118.0	clay Sand & Silt						12-13 63-64
118.0	gray clayey silt	25	120.0-121.5		"		13-14 64-65
136'	Sandy	26	125.0-126.5		"		14-15 65-66
		27	130.0-131.5		"		15-16 66-67
		28	135.0-136.5		"		16-17 67-68
							17-18 68-69
							18-19 69-70
							19-20 70-71
							20-21 71-72
							21-22 72-73
							22-23 73-74
							23-24 74-75
							24-25 75-76
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							26-27 77-78
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							29-30 80-81
							30-31 81-82
							31-32 82-83
							32-33 83-84
							33-34 84-85
							34-35 85-86
							35-36 86-87
							36-37 87-88
							37-38 88-89
							38-39 89-90
							39-40 90-91
							40-41 91-92
							41-42 92-93
							42-43 93-94
							43-44 94-95
							44-45 95-96
							45-46 96-97
							46-47 97-98
							47-48 98-99
							48-49 99-100
							49-50 100-101
							50-51 101-102

DEPTH	HOUR	DATE

SIZE	AMOUNT	REASON

Distance Hammer Drop.....	Inch	45-46	96-97
Drive Hammer.....	Lbs.	46-47	97-98
Spoon Hammer.....	Lbs.	47-48	98-99
Casing Size.....	Inch	48-49	99-100
Spoon Size.....	Inch	49-50	100-101
Size of Core Bit.....	Inch	50-51	101-102

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Driller L. P. Doudy  
 Helper \_\_\_\_\_  
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