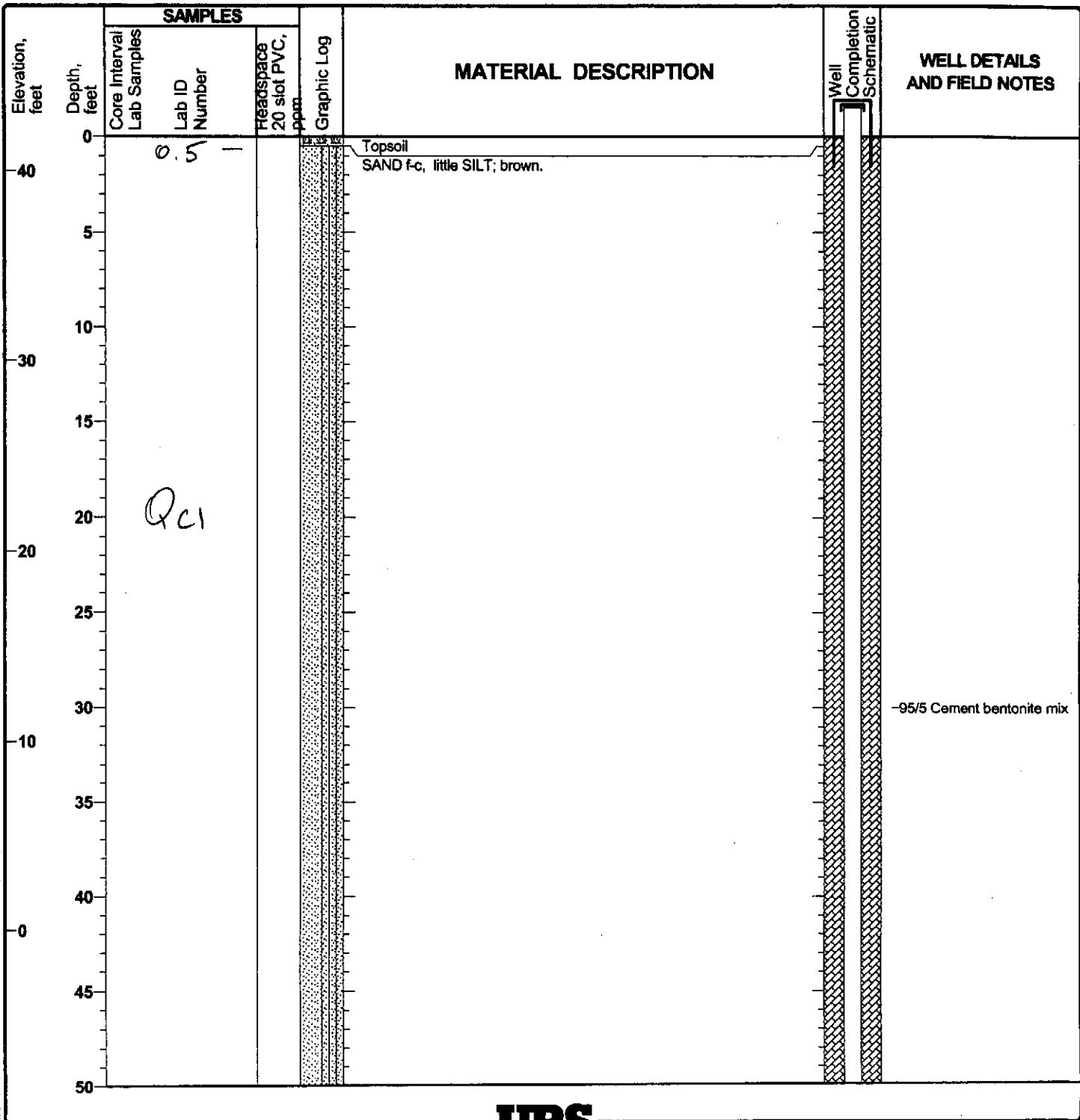


EC13-44

Project: Motiva - Monitoring Well and Soil Boring Data	Log of Monitoring Well PW-E104C <i>EC13-44</i> Sheet 1 of 3
Project Location: Delaware City Refinery	
Project Number: 20240412.W1000	

Date(s) Drilled	12/22/2005	Logged By	Nick Garner	Checked By	Nick Garner
Drilling Method	Mud Rotary	Drill Bit Size/Type	4.875 Inch Roller Bit	Total Depth of Borehole	129.5 feet
Drill Rig Type	Mud Rotary/ Auger	Drilling Contractor	B. L. Myers Bros.	Surface Elevation	41.80 NAVD88
Groundwater Level(s)		Sampling Method(s)	Split Spoon	Top of Casing Elevation	
Location	S. Dragon Run Rd South of Tank 5	Borehole Completion	Gravel Pack, Bentonite, Portland Grout		



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1010

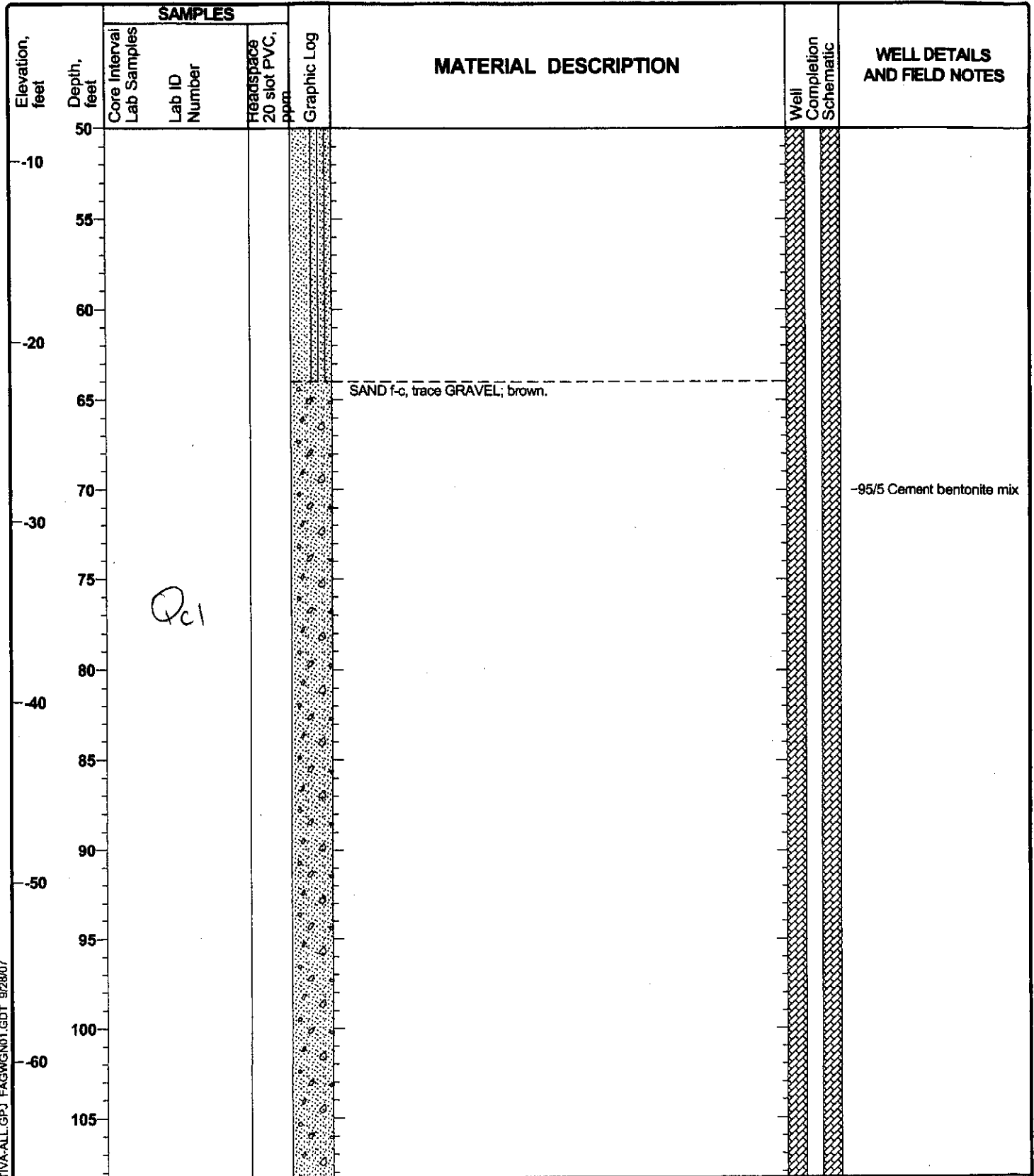
Project: Motiva - Monitoring Well and Soil Boring Data

Project Location: Delaware City Refinery

Project Number: 20240412.W1000

Log of Monitoring Well PW-E104C

Sheet 2 of 3



Qcl

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3015

Project: Motiva - Monitoring Well and Soil Boring Data
Project Location: Delaware City Refinery
Project Number: 20240412.W1000

Log of Monitoring Well PW-E104C

Sheet 3 of 3

Elevation, feet	Depth, feet	SAMPLES			Graphic Log	MATERIAL DESCRIPTION	Well Completion Schematic	WELL DETAILS AND FIELD NOTES
		Core Interval Lab Samples	Lab ID Number	Headspace 20 slot PVC, ppm				
110	-70						-Bentonite seal	
115			Qc1				-No. 2 SAND	
120	-80				SAND f-c and GRAVEL coarse; brown and yellow.		-2" PVC 0.020 slotted screen (115.0' - 125.0') - No. 2 SAND	
125					SAND f-m, little SILT, trace GRAVEL fine, round; brown.		-Heave	
130		128			SAND fine, well sorted, trace SILT; tan to white.		-End of Boring 129.5'	
135	-90	kpt						
140								
145								
150								
155	-110							
160								
165	-120							

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