14. Lake Baltimore — 4550 Main Zone — Springfield — MA — 7/7/89

Name of Supplier, Owner or Dealer | Address: No. and Street(s) | City | State | Date of Test

petro Tite TANK TESTER

15. TANK TO TEST

Only 1 Tank

Identity by position

Diesel

Brand and Grade

16. CAPACITY

Nominal Capacity 10,000 Gallons

Is there doubt as to True Capacity? ☐

See Section "DETERMINING TANK CAPACITY"

By most accurate capacity chart available 10,152 Gallons

From

- Station Chart
- ☒ Tank Manufacturer's Chart
- Company Engineering Data
- Charts supplied with petro Tite
- Other

17. FILL-UP FOR TEST

Stick Water Bottom before Fill-up ____ " to 1/8 in. ____ Gallons

Fill up. STICK BEFORE AND AFTER EACH COMPARTMENT DROP OR EACH METERED DELIVERY QUANTITY

Tank Diameter 96"

	Stick Readings to 1/8 in.	Gallons	Total Gallons ea. Reading
Inventory			10,152
Product in full tank (up to fill pipe)			10,154

18. SPECIAL CONDITIONS AND PROCEDURES TO TEST THIS TANK

5 ft. to 12" mark elevated

See manual sections applicable. Check below and record procedure in log (26).

☐ Water in tank ☐ High water table in tank excavation ☐ Line(s) being tested with LVLLT

VAPOR RECOVERY SYSTEM

☐ Stage I

☐ Stage II

HEATH CONSULTANTS

100 TOSCA DRIVE
P.O. BOX CS-200
STOUGHTON, MA. 02072-1591
(617) 344-1400

JUL 15 1987

19. TANK MEASUREMENTS FOR TSTT ASSEMBLY

Bottom of tank to Grade* ____ "

Add 30" for 4" L ____ "

Add 24" for 3" L or air seal ____ "

Total tubing to assemble Approximate ____ "

20. EXTENSION HOSE SETTING

Tank top to grade* ____ "

Extend hose on suction tube 6" or more below tank top ____ "

*If Fill pipe extends above grade, use top of fill.

21. TEMPERATURE/VOLUME FACTOR (a) TO TEST THIS TANK

Is Today Warmer? Colder? °F Product in Tank °F Fill-up Product on Truck °F Expected Change (+ or −)

22. Thermal-Sensor reading after circulation 15785 digits ____ Nearest °F

23. Digits per °F in range of expected change 325 digits

24. 10,154 (total quantity in full tank (16 or 17)) × 0.00012198 (coefficient of expansion for involved product) = 1.2398 (volume change in this tank per °F) gallons

25. 1.2398 (volume change per °F (24)) ÷ 325 (Digits per °F in test Range (23)) = 0.0038 (Volume change per digit. Compute to 4 decimal places.) This is test factor (a)

26. LOG OF TEST PROCEDURES			30. HYDROSTATIC PRESSURE CONTROL		31. VOLUME MEASUREMENTS (V) RECORD TO .001 GAL.			34. TEMPERATURE COMPENSATION USE FACTOR (a)			38. NET VOLUME CHANGES EACH READING	39. ACCUMULATED CHANGE
27. DATE / TIME (24 hr.)	28. Record details of setting up and running test. (Use full length of line if needed.)	29. Reading No.	Standpipe Level in Inches: Beginning of Reading	Standpipe Level in Inches: Level to which Restored	32. Product in Graduate: Before Reading	Product in Graduate: After Reading	Product Replaced (−) / Product Recovered (+)	35. Thermal Sensor Reading	36. Change Higher + Lower − (c)	37. Computation (c) × (a) = Expansion + Contraction −	Temperature Adjustment: Volume Minus Expansion (+) or Contraction (−) #30(V) — #37(T)	At High Level record Total End Deflection / At Low Level compute Change per Hour (NFPA criteria)

4550 W. MAPLE

Prepared for test

10:35 a.m. Start Circulation

Test Factors = 0.0035

11:45 a.m.	Start High Level	42.0					15785				
12:00 a.m.		41.7	42.0	.960	.950	-.010	15791	+6	+.023	-.033	
12:15 p.m.		41.8	42.0	.950	.940	-.010	15797	+6	+.023	-.033	
12:30		41.7	42.0	.940	.920	-.020	15800	+3	+.011	-.031	
12:45		41.7	42.0	.920	.905	-.015	15804	+4	+.015	-.030	
1:00		41.8	42.0	.905	.890	-.015	15807	+3	+.011	-.026	
1:15		41.8	42.0	.890	.880	-.010	15807	0	.0	-.010	
1:30		41.9	42.0	.880	.870	-.010	15811	+4	+.015	-.025	
1:45		41.8	42.0	.870	.860	-.010	15812	+1	+.004	-.014	
1:45	Start Low Level	12.0					15812				
2:00		12.6	12.0	.810	.845	+.035	15818	+6	+.023	+.012	
2:15		12.2	12.0	.845	.855	+.010	15820	+2	+.008	+.002	
2:30		12.1	12.0	.855	.860	+.005	15822	+2	+.008	-.003	+.003
2:45		12.1	12.0	.860	.865	+.005	15822	0	.0	+.005	
3:00		12.2	12.0	.865	.875	+.010	15825	+3	+.011	-.001	

4550 W. Maple