TEST RECORD

TANK – LINES – PUMP

JOB NO: 163-1

COMPANY: Shell DATE: 5-10-82

ADDRESS: 1737 First St. & "O" St. CITY: Livermore

PRODUCT: Regular (Blue) GASOLINE METERED THROUGH PUMP OR DISPENSER: _____

METER READING: OLD _____ NEW _____

WATER PUMPED OUT OF TANK OR WATER IN TANK: _____

TYPE OF SYSTEM: SUB-PUMP & DISPENSER X CONVENTIONAL PUMP _____

TANK TEST: _____ / _____ HOURS _____ MINUTES

GAUGE STICK READING: BEFORE TEST _____ AFTER TEST _____

LINE TEST: Regular / 88 lbs HOURS 1 hr. MINUTES

NOTES:

Started test @ 10:30 A.m.
Stoped test @ 11:30 A.m.

Test

GETTLER-RYAN INC.
GENERAL CONTRACTORS

BY: Barry McAdam

DATE: 5-10-82

1/74

Data Chart for Tank System Tightness Test

Job 163

petro tite
TANK TESTER

PLEASE PRINT

1. OWNER Property ☐ Tank(s) ☐

Name: SHELL OIL CO Address: 1737 FIRST ST LIVERMORE Representative: Telephone: 447-7785

Name: Address: Representative: Telephone:

2. OPERATOR

Name: Address: Telephone:

3. REASON FOR TEST (Explain Fully)

[redacted] SELLING STATION

4. WHO REQUESTED TEST AND WHEN

Name: STAN ROLLER Title: ENGINEER Company or Affiliation: SHELL OIL CO Date: 4-29-82

Address: Telephone:

5. WHO IS PAYING FOR THIS TEST?

Company, Agency or Individual: SHELL OIL Co Person Authorizing: STAN ROLLER Title: ENGINEER Telephone:

Billing Address: City: State: Zip:

Attention of: Order No. Other Instructions

6. TANK(S) INVOLVED

Identify by Direction	Capacity	Brand/Supplier	Grade	Approx. Age	Steel/Fiberglass
CLOSEST TO REAR OF STATION	8000	SHELL	BLUE (OLD RED)	?	STEEL

7. INSTALLATION DATA

Location	Cover	Fills	Vents	Siphones	Pumps
WEST OF ISLANDS	FULL SLAB	4"	2"	NONE	REMOTE
North Inside driveway, Rear of station, etc.	Concrete, Black Top, Earth, etc.	Size, Thrift make, Drop tubes, Remote Fills	Size, Manifolded	Which tanks?	Suction, Remote, Make if Known

8. UNDERGROUND WATER

Depth to the Water table ? Is the water over the tank? ☐ Yes ☒ No

9. FILL-UP ARRANGEMENTS

Tanks to be filled ____ hr. 5-4-82 Date Arranged by STAN ROLLER Name Telephone

Extra product to "top off" and run TSTT. How and who to provide? Consider NO Lead.

Terminal or other contact for notice or inquiry Company Name Telephone

10. CONTRACTOR, MECHANICS, any other contractor involved

GETTLER & RYAN INC.
JIM REGO

11. OTHER INFORMATION OR REMARKS

TESTED COMPLETE SYSTEM ALL LINES ATTACHED

Additional information on any items above. Officials or others to be advised when testing is in progress or completed. Visitors or observers present during test etc.

12. TEST RESULTS

Tests were made on the above tank systems in accordance with test procedures prescribed for PETRO TITE as detailed on attached test charts with results as follows:

Tank Identification	Tight	Leakage Indicated	Date Tested
8000 GALLON BLUE TANK	YES		5-6-82

13. CERTIFICATION

This is to certify that these tank systems were tested on the date(s) shown. Those indicated as "Tight" meet the criteria established the National Fire Protection Association Pamphlet 329.

5-6-82
Date

JIM REGO
Technicians

GETTLER & RYAN INC.
Testing Contractor or Company

By: James T. Rego
Signature

1992 NATIONAL AVE HAYWARD, CA
Address

Serial No. of Thermal Sensor

Data Chart for Tank System Tightness Test

petro tite
TANK TESTER

JOB 163

PLEASE PRINT

1. OWNER Property ☐ Tank(s) ☐

Name	Address	Representative	Telephone
SHELL OIL CO	1737 FIRST ST		447-7781
LIVERMORE			
Name	Address	Representative	Telephone

2. OPERATOR

Name	Address	Telephone

3. REASON FOR TEST (Explain Fully)

SELLING STATION

4. WHO REQUESTED TEST AND WHEN

Name	Title	Company or Affiliation	Date
STAN ROLLER	ENGINEER	SHELL OIL CO	4-29-8
Address			Telephone

5. WHO IS PAYING FOR THIS TEST?

Company, Agency or Individual	Person Authorizing	Title	Telephone
SHELL OIL CO	STAN ROLLER	ENGINEER	
Billing Address	City	State	Zip
Attention of:	Order No.	Other Instructions	

6. TANK(S) INVOLVED

Identify by Direction	Capacity	Brand/Supplier	Grade	Approx. Age	Steel/Fiberglass
FARTHEST FROM ISLANDS & ENTER TANK	5000 (BOTH)	SHELL	WHITE (& OLD YELLOW)	?	STEEL

7. INSTALLATION DATA

Location	Cover	Fills	Vents	Siphones	Pumps
WEST OF ISLANDS	FULL SLAB	3"	2"	YES 2-5000 GALLON	REMOTE
North inside driveway, Rear of station, etc.	Concrete, Black Top, Earth, etc.	Size, Thrill make, Drop tubes, Remote Fills	Size, Manifolded	Which tanks?	Suction, Remote, Make if known

8. UNDERGROUND WATER

Depth to the Water table ? "

Is the water over the tank? ☐ Yes ☒ No

9. FILL-UP ARRANGEMENTS

Tanks to be filled REMAINDER hr. 5-6-82 Date Arranged by _____ Name Telephone

Extra product to "top off" and run TSTT. How and who to provide? Consider NO Lead.

Terminal or other contact for notice or inquiry _____ Company Name Telephone

10. CONTRACTOR, MECHANICS, any other contractor involved

GETTLER & RYAN INC.
JIM REED

11. OTHER INFORMATION OR REMARKS

1) TESTED COMPLETE SYSTEM ALL LINES ATTACHED
2) TESTED TWO 5000 GALLON TANKS ON A SIPHONE

Additional information on any items above. Officials or others to be advised when testing is in progress or completed. Visitors or observers present during test etc.

12. TEST RESULTS

Tests were made on the above tank systems in accordance with test procedures prescribed for petro tite and as detailed on attached test charts with results as follows:

Tank Identification	Tight	Leakage Indicated	Date Tested
# 1 - 5000 GALLON WHITE	BOTH TIGHT		5-6-82
# 2 - 5000 GALLON WHITE			

13. CERTIFICATION

This is to certify that these tank systems were tested on the date(s) shown. Those indicated as "Tight" meet the criteria established by the National Fire Protection Association Pamphlet 329.

5-6-82
Date

JIM REED
Technicians

GETTLER & RYAN INC
Testing Contractor or Company

1992 NATOMAS AVE HAYWARD CA.
Address

Signature

Serial No. of Thermal Sensor

14. SHELL OIL CO. | 1737 FIRST ST | LIVERMORE | CA | 5-6-82
Name of Supplier, Owner or Dealer | Address No. and Street(s) | City | State | Date of Test

15. TANK TO TEST
FARTHEST FROM ISLANDS — Identity by position
WHITE TANK #1 — Brand and Grade

16. CAPACITY
Nominal Capacity 5000 Gallons
By most accurate capacity chart available 5155 Gallons
Is there doubt as to True Capacity? ☐
See Section "DETERMINING TANK CAPACITY"

From
- ☐ Station Chart
- ☒ Tank Manufacturer's Chart
- ☐ Company Engineering Data
- ☐ Charts supplied with PETRO TITE
- ☐ Other

17. FILL-UP FOR TEST

	Stick Readings to ⅛ in.	Gallons	Total Gallons ea. Reading
Stick Water Bottom before Fill-up 0 to ⅛ in.			
Inventory			
TRANSFERED		5205	
TOP OFF		20	
			5225
Product in full tank (up to fill pipe)			

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

Tank Diameter

18. SPECIAL CONDITIONS AND PROCEDURES TO TEST THIS TANK
1) TESTED COMPLETE SYSTEM ALL LINES ATTACHED
2) TESTED WITH ANOTHER 5000 GALLON TANK ON A SIPHONE

See manual sections applicable. Check below and record procedure in log (28).
☐ Water in tank ☐ High water table in tank excavation ☐ Line(s) being tested with LVLLT

VAPOR RECOVERY SYSTEM
☐ Stage I ☐ Stage II

19. TANK MEASUREMENTS FOR TSTT ASSEMBLY
Bottom of tank to Grade* ..... 135½ "
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* ..... 40½ "
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 15947 digits — 70 °F Nearest

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

24. 5225 (total quantity in full tank (18 or 17)) × .00058023 (coefficient of expansion for involved product) = 3.031545 (volume change in this tank per °F) gallons

25. 3.031545 (volume change per °F (24)) ÷ 325 (Digits per °F in test Range (23)) = .0093 (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. TIME (24 hr.)	28. Record details of setting up and running test. (Use full length of line if needed.)	29. Reading Ins.	Standpipe Level in Inches: Beginning of Reading	Level to which Restored	32. Product in Products: Before Reading	After Reading	Product Replaced (−) Product Recovered (+)	35. Thermal Sensor Reading	36. Change Higher + Lower − (a)	37. Computation (c) = (a) = Expansion + Contraction −	Temperature Adjustment; Volume Minus Expansion (+) or Contraction (−) ø35(V) − ø37(T)	At High Level record total Net Deflection; At Low Level compute Change per Hour (GPH, offsets)
1200	TRANSFERED GAS											

HEATH CONSULTANTS INCORPORATED
100 TOSCA DRIVE
STOUGHTON, MA 02072 (617) 344-1400

Data Chart for Tank System Tightness Test

petro tite TANK TESTER

Job 163

PLEASE PRINT

1. OWNER Property ☐ Tank(s) ☐

Name: SHELL OIL CO — Address: 1737 First St — Representative: LIVERMORE — Telephone: 447-7781

Name — Address — Representative — Telephone

2. OPERATOR

Name — Address — Telephone

3. REASON FOR TEST (Explain Fully)

SELLING STATION

4. WHO REQUESTED TEST AND WHEN

Name: STAN ROLLER — Title: ENGINEER — Company or Affiliation: SHELL OIL CO — Date: 4-29-8

Address — Telephone

5. WHO IS PAYING FOR THIS TEST?

Company, Agency or Individual: SHELL OIL CO — Person Authorizing: STAN ROLLER — Title: ENGINEER — Telephone

Billing Address — City — State — Zip

Attention of: — Order No. — Other Instructions

6. TANK(S) INVOLVED

Identify by Direction	Capacity	Brand/Supplier	Grade	Approx. Age	Steel/Fiberglass
CLOSEST TO ISLANDS	5000	SHELL	REG (OLD TAN)	?	STEEL

7. INSTALLATION DATA

Location	Cover	Fills	Vents	Siphones	Pumps
WEST OF ISLANDS	FULL SLAB	3"	1½"	NONE	REMOTE
North inside driveway, Rear of station, etc.	Concrete, Black Top, Earth, etc.	Size, Tilelli make, Drop tubes, Remote Fills	Size, Manifolded	Which tanks?	Suction, Remote, Make if known

8. UNDERGROUND WATER

Depth to the Water table ? — Is the water over the tank? ☐ Yes ☒ No

9. FILL-UP ARRANGEMENTS

Tanks to be filled 730 hr. 5-4-82 Date — Arranged by STAN ROLLER Name — Telephone

Extra product to "top off" and run TSTT. How and who to provide? Consider NO Lead.

Terminal or other contact for notice or inquiry — Company — Name — Telephone

10. CONTRACTOR, MECHANICS, any other contractor involved

GETTLER & RYAN INC.
JIM REED

11. OTHER INFORMATION OR REMARKS

TESTED COMPLETE SYSTEM ALL LINES ATTACHED

Additional information on any items above. Officials or others to be advised when testing is in progress or completed. Visitors or observers prese during test etc.

12. TEST RESULTS

Tests were made on the above tank systems in accordance with test procedures prescribed for petro tite as detailed on attached test charts with results as follows:

Tank Identification	Tight	Leakage Indicated	Date Tested
5000 GALLON REG	YES		5-4-82

13. CERTIFICATION

This is to certify that these tank systems were tested on the date(s) shown. Those indicated as "Tight" meet the criteria established the National Fire Protection Association Pamphlet 329.

5-4-82 Date

JIM REED Technicians

GETTLER & RYAN INC. Testing Contractor or Company — Signature

1992 NATOMAS AVE Address — HAYWARD CA

Serial No. of Thermal Sensor

Petro Tite TANK TESTER

HEATH CONSULTANTS INCORPORATED
100 TOSCA DRIVE
STOUGHTON, MA 02072 (617) 344-1400

14. SHELL OIL CO — Name of Supplier, Owner or Dealer
1737 FIRST ST — Address No. and Street(s)
LIVERMORE — City
CA — State
5-6-82 — Date of Test

15. TANK TO TEST

CLOSEST TO REAR OF STATION — Identify by position

BLUE TANK — Brand and Grade

16. CAPACITY

Nominal Capacity 8000 Gallons

By most accurate capacity chart available 8101 Gallons

From
- [ ] Station Chart
- [x] Tank Manufacturer's Chart
- [ ] Company Engineering Data
- [ ] Charts supplied with petro tite
- [ ] Other

Is there doubt as to True Capacity? [ ]
See Section "DETERMINING TANK CAPACITY"

17. FILL-UP FOR TEST

Stick Water Bottom before Fill-up Ø to ½ in. ______ Gallons

	Stick Readings to ½ in.	Gallons	Total Gallons ea. Reading
Inventory			
Fill up. STICK BEFORE AND AFTER EACH COMPARTMENT DROP OR EACH METERED DELIVERY QUANTITY	TANKER DROP	8101	
	TOP OFF	30	
Tank Diameter / Product in full tank (up to fill pipe)			8131

18. SPECIAL CONDITIONS AND PROCEDURES TO TEST THIS TANK TESTED COMPLETE SYSTEM ALL LINES ATTACHED

See manual sections applicable. Check below and record procedure in log (28).

- [ ] Water in tank
- [ ] High water table in tank excavation
- [ ] Line(s) being tested with LVLLT

VAPOR RECOVERY SYSTEM
- [ ] Stage I
- [ ] Stage II

19. TANK MEASUREMENTS FOR TSTT ASSEMBLY

Bottom of tank to Grade* .... 135 "
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* .... 40 "
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 15892 digits 70 Nearest °F

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

24. 8131 (total quantity in full tank (16 or 17)) × .00058378 (coefficient of expansion for involved product) = 4.7460647 (volume change in this tank per °F) gallons

25. 4.7460647 (volume change per °F (24)) ÷ 325 (Digits per °F in test Range (23)) = .0146 (Volume change per digit. Compute to 4 decimal places.) This is test factor (a)

26. LOG OF TEST PROCEDURES

27. Time (24 hr.)	28. Record details of setting up and running test. (Use full length of line if needed.)	29. Reading No.	30. Hydrostatic Pressure Control: Standpipe Level in Inches — Beginning of Reading	Level to which Restored	31./32. Volume Measurements (?) Product in Graduate — Before Reading	After Reading	Product Replaced (−) / Product Recovered (+)	34./35. Temperature Compensation (Use factor (a)) Thermal Sensor Reading	36. Change Higher + Lower − (c)	37. Computation (c) × (a) = Expansion + Contraction −	38. Net Volume Changes Each Reading: Temperature Adjustment Volume Minus Expansion (+) or Contraction (−) #33(V) − #37(T)	39. Accumulated Change: At High Level record Total Net Deflection / At Low Level compute Change per Hour (GPH)
	T											
730	ARRIVED ON SITE											
815	SET UP TESTER											
830	FILLED TESTER & BLED OFF AIR									.0146		
955	RAISED TO 42"											
945	READING AT 42"	0		42		.5800		15892				
1000	" " "	1	42.3	42	5800	.6000	+.0200	16901	+9	+.1314	−.1114	
1015	" " "	2	42.7	42	6000	.6400	+.0400	16909	+8	+.1168	−.0768	
1030	" " "	3	42.7	42	6400	.6800	+.0400	16915	+6	+.0876	−.0476	
1045	" " "	4	42.8	42	.6800	.7300	+.0500	16919	+4	+.0584	−.0084	
1100	" " "	5	42.8	42	.7300	7900	+.0600	16922	+3	+.0438	+.0162	
1115	" " "	6	42.8	42	.7900	8400	+.0500	16928	+6	+.0876	−.0376	
1130	" " "	7	42.8	42	.8400	8900	+.0500	16933	+5	+.0730	−.0230	−.0528
1145	" " "	8	42.9	42	.8900	9500	+.0600	16937	+4	+.0584	+.0016	−.0428

* TANK TIGHT *

LAST HOUR READING −.0428

	FILLED [illegible]											
1435	RAISED TO 42"									.0093		
1500	READING AT 42" #1	0		42		.7300		15947				
1500	" " " #2	0		41				15702				
1515	" " " #1	1	42.2	42	.7300	.7600	+.0300	15950	+3	+.0279		
1515	" " " #2	1	41.2	41				15710	+8	+.0744		
		1								+.1023	-.0723	
1530	" " " #1	2	42.2	42	.7600	.7900	+.0300	15958	+8	+.0744		
1530	" " " #2	2	41.2	41				15722	+12	+.1116		
		2								+.1860	-.1560	
1545	" " " #1	3	42.3	42	.7900	.8200	+.0300	15962	+4	+.0372		
1545	" " " #2	3	41.3	41				15736	+14	+.1302		
		3								+.1674	-.1374	
1600	" " " #1	4	42.4	42	.8200	.8800	+.0600	15971	+9	+.0837		
1600	" " " #2	4	41.4	41				15748	+12	+.1116		
		4								+.1953	-.1353	
1615	" " " #1	5	42.5	42	.8800	.9400	+.0600	15980	+9	+.0837		
1615	" " " #2	5	41.5	41				15759	+11	+.1023		
		5								+.1860	-.1260	
1630	" " " #1	6	42.5	42	.0500	.1100	+.0600	15984	+4	+.0372		
1630	" " " #2	6	41.5	41				15770	+11	+.1023		
		6								.1395	-.0795	
[illegible]												
1645	" " " #1	7	42.7	42	.1100	.1800	+.0700	15990	+6	+.0558		
1645	" " " #2	7	41.7	41				15781	+11	+.1023		
		7								+.1581	-.0881	
1647	LOWERED STANDPIPE TO 12"		42	12		REMOVED	3.5400	GALLONS	FROM	STANDPIPE		
1700	READING AT 12"	8	13.2	12	.1800	.3200	+.1400	15994	+4	+.0372		
1700	" " "	8	12.2	11				15795	+14	+.1302		
		8								+.1674	-.0274	
1715	" " "	9	13.3	12	.3200	.4700	+.1500	16000	+6	+.0558		
1715	" " "	9	12.3	11				15805	+10	+.0930		
		9								+.1488	+.0012	
1730	" " "	10	13.2	12	.4700	.6100	+.1400	16006	+6	+.0558		
1730	" " "	10	12.2	11				16013	+8	+.0744		
		10								+.1302	+.0098	
1745	" " "	11	13.2	12	.6100	.7500	+.1400	16011	+5	+.0465		
1745	" " "	11	12.2	11				16021	+8	+.0744		
		11								+.1209	+.0191	+.0027
1800	" " "	12	13.1	12	.7500	.8800	+.1300	16016	+5	+.0465		
1800	" " "	12	12.1	11				16030	+9	+.0837		
		12								+.1302	-.0002	+.0299

* TANKS TIGHT *

LAST COMBINED HOUR READING +.0299

14. SHELL OIL CO. | 1737 FIRST ST | LIVERMORE | CA | 5-4-82
Name of Supplier, Owner or Dealer | Address No. and Street(s) | City | State | Date of Test

Petro Tite TANK TESTER

15. TANK TO TEST
CLOSEST TO ISLANDS (Identify by position)
RED TANK (Brand and Grade)

16. CAPACITY
Nominal Capacity 5000 Gallons
By most accurate capacity chart available 5155 Gallons
From: ☐ Station Chart ☒ Tank Manufacturer's Chart ☐ Company Engineering Data ☐ Charts supplied with PETRO TITE ☐ Other
Is there doubt as to True Capacity? ☐ See Section "DETERMINING TANK CAPACITY"

17. FILL-UP FOR TEST
Stick Water Bottom before Fill-up 8 to ½ in. — Gallons
Fill up STICK BEFORE AND AFTER EACH COMPARTMENT DROP OR EACH METERED DELIVERY QUANTITY
Tank Diameter

	Stick Readings to ½ in.	Gallons	Total Gallons fm. Reading
Inventory			
TANKER DROP		5255	
TOP OF		15	
Product in full tank (up to fill pipe)			5270

18. SPECIAL CONDITIONS AND PROCEDURES TO TEST THIS TANK 1) TESTED COMPLETE SYSTEM ALL LINES ATTACHED
See manual sections applicable. Check below and record procedure in log (28).
☐ Water in tank ☐ High water table in tank excavation ☐ Line(s) being tested with LVLLT
VAPOR RECOVERY SYSTEM ☐ Stage I ☐ Stage II

HEATH CONSULTANTS INCORPORATED
100 TOSCA DRIVE STOUGHTON, MA 02072 (617) 344-1400

19. TANK MEASUREMENTS FOR TSTT ASSEMBLY
Bottom of tank to Grade* 135"
Add 90" for 4" I.
Add 24" for 3" I. or air cool
Total tubing to assemble Approximate

20. EXTENSION HOSE SETTING
Tank top to grade* 40"
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 14855 (digits) 67 (Nearest) °F
23. Digits per °F in range of expected change 326 (digits)
24. 5270 (total quantity in full tank (16 or 17)) × .00057881 (coefficient of expansion for involved product) = 3.050276 (volume change in this tank per °F) gallons
25. 3.050276 (volume change per °F (24)) ÷ 326 (Digits per °F in test Range (23)) = .0093 (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. TIME (24 hr.)	28. Record details of setting up and running test. (Use full length of line if needed.)	29. Reading No.	Drawdown Level in Inches: Beginning of Reading	Drawdown Level in Inches: Level to which Restored	32. Product in Graduate: Before Reading	32. Product in Graduate: After Reading	Product Replaced (−) / Recovered (+)	35. Thermal Sensor Reading	36. Change Higher + Lower − (a)	37. Computation (c) = (b) = Expansion + Contraction −	Temperature Adjustment: Volume Minus Expansion (+) or Contraction (−) d32(V) − d37(T)	At High Level record Total Net Deflection / At Low Level record Change per Hour (EPA option)
730	ARRIVED ON SITE											
845	TANKER TOPPED OFF											
850	SET UP TESTER											
920	FILLED TESTER & BLED OFF AIR										.0093	
940	RAISED TO 42"											
1015	READING AT 42"	0		42		.0000		14855				
1030	" " "	1	44.2	42	.0000	.1800	+.1800	14878	+23	+.2139	−.0339	
1045	" " "	2	43.2	42	.1800	.2500	+.0700	14901	+23	+.2139	−.1439	
1100	" " "	3	41.7	42	.2500	.2200	−.0300	14925	+24	+.2232	−.2532	
1115	" " "	4	41.0	42	.2200	.1500	−.0700	14946	+21	+.1953	−.2653	
1130	" " "	5	39.9	42	.1500	.0400	−.1100	14967	+21	+.1953	−.3053	
1145	" " "	6	39.9	42	1.0000	.8900	−.1100	14988	+21	+.1953	−.3053	
1200	" " "	7	39.7	42	.8900	.7500	−.1400	15011	+23	+.2139	−.3539	
1201	LOWERED STANDPIPE TO 12"		42	12		REMOVED	1.6000	GALLONS FROM		STANDPIPE		
1215	READING AT 12"	8	12.6	12	.8400	.8700	+.0300	15030	+19	+.1767	−.1467	
1230	" " "	9	12.1	12	.8700	.8800	+.0100	15048	+18	+.1674	−.1574	
1245	" " "	10	12.0	12	.8800	.8800	—	15065	+17	+.1581	−.1581	
800	" " "	11	12.0	12	.8800	.8800	—	15082	+17	+.1581	−.1581	−.6203
1315	" " "	12	11.9	12	.8800	.8700	−.0100	15099	+17	+.1581	−.1681	−.6417
1330	" " "	13	11.9	12	.8700	.8600	−.0100	15017	+18	+.1674	−.1774	−.6617
1345	" " "	14	11.9	12	.8600	.8500	−.0100	15032	+15	+.1395	−.1495	−.6531
1400	" " "	15	13.0	12	.8500	.9000	+.0500	15043	+11	+.1023	−.0523	−.5473
1415	" " "	16	14.8	12	.0200	.1800	+.1600	15058	+15	+.1395	+.0105	−.3687
1430	" " "	17	14.9	12	.1800	.3400	+.1600	15073	+15	+.1395	+.0205	−.2118
1445	" " "	18	14.5	12	.3400	.4800	+.1400	15088	+15	+.1395	+.0005	−.0208
1600	" " "	19	14.5	12	.4800	.6200	+.1400	15103	+15	+.1395	+.0006	+.0320
						* TANK TEMP						
					LAST	HOUR	READING +.0320					

(1)

DATA CHART
For Use With
petro tite

1 LOCATION: 1737 First Street @ "O" Livermore, Ca. (Street No. and/or Corner / City / State / Telephone No.)

2 OWNER: Shell Oil Co. (Name / Address) Stan Siller E.x. (Representative / Position / Telephone No.)

3 OPERATOR: None - Closed Station (Name / Dealer, Mgr. or Other / Address (if different than Location) / Telephone No.)

4 REASON FOR TEST: Selling station to Ayyolla Oil Co.

5 TEST REQUESTED BY: Stan Rolker Exp (Name / Position / Order No.) Shell Oil Co. (Billing Address)

6 SPECIAL INSTRUCTIONS:

7 CONTRACTOR OR COMPANY MAKING TEST MECHANIC(S) NAME: Gallker

8 IS A TANK TEST TO BE MADE WITH THIS LINE TEST? ☒ YES ☒ NO

9 MAKE AND TYPE OF PUMP OR DISPENSERS: Red Jacket w/ Leak Detectors

10 WEATHER: Warm TEMPERATURE IN TANKS ___ °F ___ °C COVER OVER LINES: Concrete (Concrete, Black Top, etc.) APPROXIMATE BURIAL DEPTH: 3'-6"

OWNER — Name: Shell Oil Co.
LOCATION — State: Calif. City: Livermore
DATE OF TEST — Year: 9? Mo.: 5 Day: 6

11 IDENTIFY EACH LINE AS TESTED	12 TIME (MILITARY)	13 LOG OF TEST PROCEDURES, AMBIENT TEMPERATURE, WEATHER, ETC.	14 PRESSURE psi OR kPa BEFORE	AFTER	15 VOLUME READING BEFORE	AFTER	NET CHANGE	16 TEST RESULTS CONCLUSIONS, REPAIRS AND COMMENTS
Blue	1345	Pressurized	-0-	30	.046	.003	.043	Leak indicated
	1350	"	-0-	30	.100	.055	.045	No conclusive test
	1355	"	-0-	30	.055	.013	.042	as this test gave
	1400	"	-0-	30	.100	.059	.041	indications of trapped
	1405	"	-0-	—	.059	—		air in line. Suggest
								90# Air Test.
								Tested w/ Plug in.
Red	1445	Pressurized	-0-	30	00	.050		
	1500	Reading	30	30	.050	.050		
	1515	"	30	30	.050	.050		Tested with plug in.
	1530	"	30	-0-	.050	.050	-0-	
		Line tight						
White	1445	Pressurized	-0-	30	.100	.041		Tested w/ P-T tank
	1500	Reading	30	30	.041	.041		test and no plug.
	1515	"	30	30	.041	.041		
	1530	"	30	-0-	.041	.041	-0-	
		Line tight						