

# THRIFTY OIL CO.

June 16, 1992

Alameda Environmental Health Department  
Hazardous Materials Division  
470 27th St. #322  
Oakland, CA 94612

Re: THRIFTY OIL CO. #063  
6125 Telegraph Ave.  
Oakland, CA 94609

Dear Sir/Madam;

Enclosed please find our test results for the following;

- Tank Integrity
- Hydrostatic Line Test
- Leak Detector (Mechanical)
- Electronic Monitoring
- Meter Calibration

If you have any further questions or concerns, please contact me at Ext. 377. Thank you.

Yours truly,



Lori Freshour  
Environmental Specialist



TEST DELAY / CANCELLATION RECORD

WORK ORDER # 18285

DATE 06-08-93

TECHNICIAN Paul Boyd

TIME SCHEDULED 09:00

CERT # 93-230 VAN # 0115

TANK LOCATION 6125 Telegraph Ave, Oakland CA.

# OF TANKS 3

TYPE OF TEST over FM?

.....  
DELAY

REASON FOR DELAY: TOTAL HRS DELAY 4

LATE FUEL DELIVERY... X..... TIME DELIVERED 10:15

OTHER TRUCK ARRIVED AT 10:15 AND LEFT AT 12:00

I ACKNOWLEDGE THE ABOVE TEST WAS DELAYED FOR REASONS BEYOND THE CONTROL OF AES OR THE AES FIELD TECHNICIAN.

ACKNOWLEDGED BY: AMBi Ahmed

TITLE: CASHIER DATE: 05-08-93

.....  
CANCELLATION

REASON \_\_\_\_\_

CANCELLATION AUTHORIZED BY \_\_\_\_\_

THE ABOVE INFORMATION IS ONLY FOR THE PURPOSE OF AES TRACKING OF THE TECHNICIANS TIME.



Associated Environmental Systems, Inc.

P.O. Box 80427  
Bakersfield, CA 93380  
(805) 393-2212

**AES - SYSTEM II  
PRECISION TANK & LINE TEST RESULTS SUMMARY**

**Invoice Address:**

THRIFTY OIL COMPANY  
10000 LAKEWOOD BLVD.  
DOWNEY, CA.

**Tank Location:**

THRIFTY STN.#063  
6125 TELEGRAPH AVE  
OAKLAND CA.

**W.O.#:** 18285

**I.D. Number:** 063  
**Technician:** PDB  
**Tech.#:** 93-230 **Van#:** 0115

**Date:** 06-07-93 **Time Start:** 13:00 **End:** 16:00 **County:** AL  
**Facility Phone#:** 510-547-9130 **Groundwater Depth:** 16' **Blue Prints:** N/A  
**Contact:** LORI FRESHOUR **Date/Time system was filled:** 12 HR.+

Tank	Tank Capacity	Product	Tank	Fill/Vent Vapor Lines	Product Line	Type Of Vapor Recovery	Inches of Water/Tank	Pump Type	Tank Material
1	15000	87UL	PASS	PASS	PASS	OPEN	0	PS	SWS
2	12000	89UL	PASS	PASS	PASS	OPEN	0	PS	SWS
3	12000	92UL	PASS	PASS	PASS	OPEN	0	PS	SWS

**Additional Information:** (CLEAR) TEMP IN MID 70'S  
WATER LEVEL AT MONATOR WELL =16'

**SITE LOG**

**TIME**

Set Up Equip: 13:00  
Bled Product Lines: 13:15  
Bled Vapor Lines: N/A  
Bled Vent lines: OPEN  
Bled Turbines: 13:30  
Bled Suction Pump: N/A  
Risars Installed: YES

- a) ALL PRODUCT LINES WERE TESTED USING THE PLT-100R
- b) This system and method meets the criteria set forth in NFPA #329.
- c) Any failure listed above may require further action, check with all regulatory agencies.

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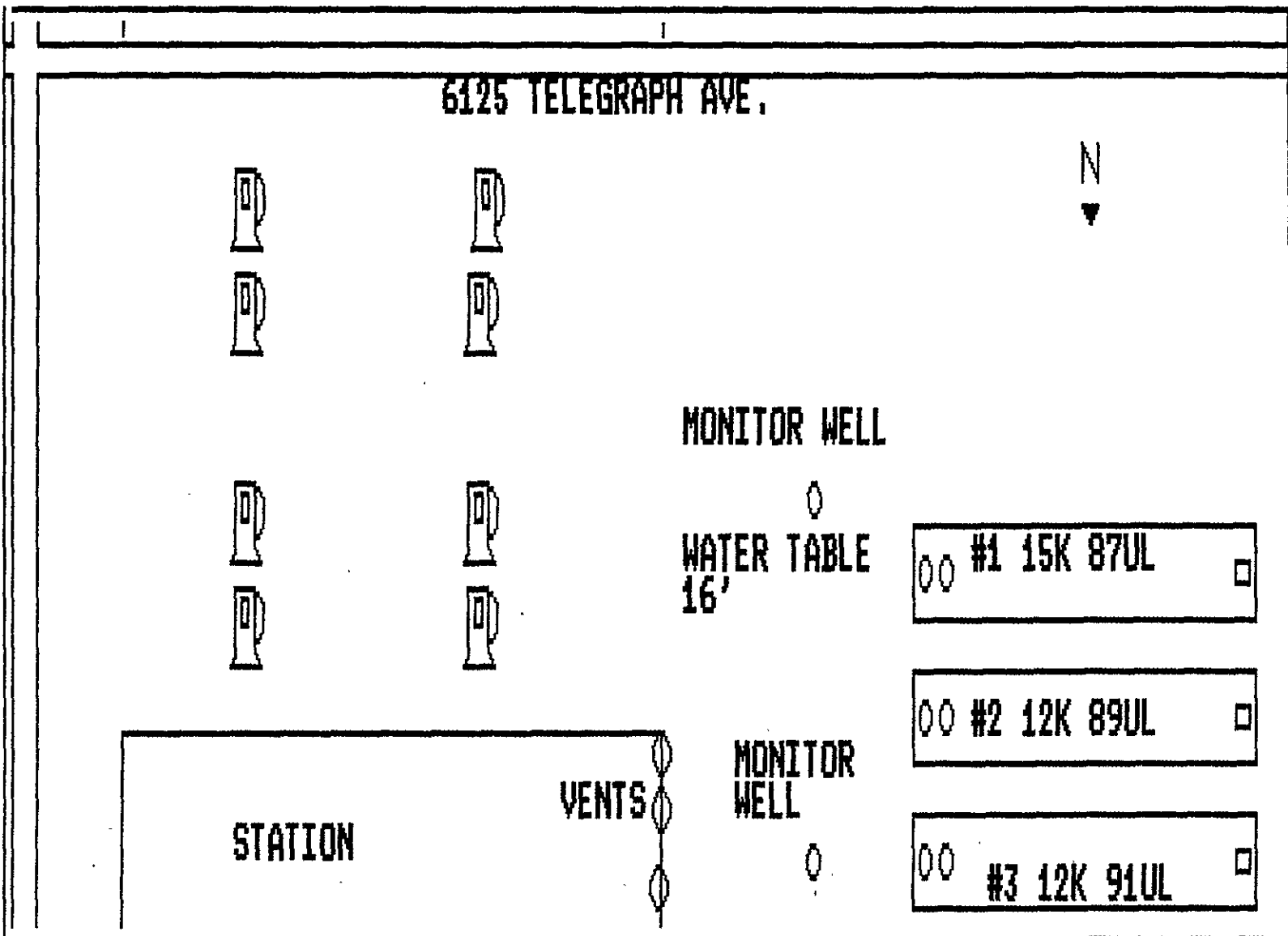
California O.T.T.L. Number : 94-1438 PAUL BOYD

Certified Technician Signature :

*Paul D Boyd*

Date : 06-07-93

ASSOCIATED ENVIRONMENTAL SYSTEMS

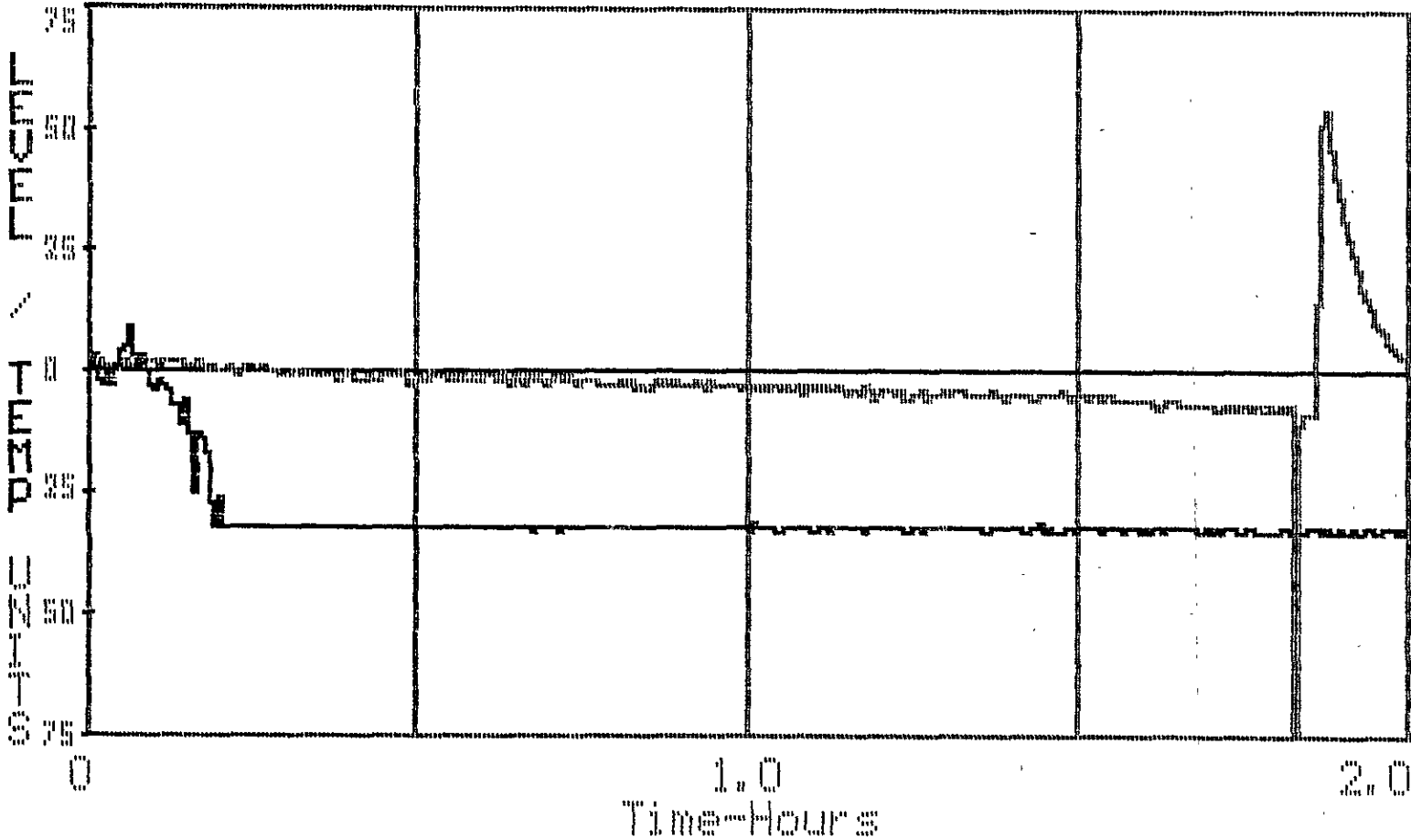


Site Layout For : THRIFTY STN #063

**AES/System II Precision Leak Test Graph**

Invoice No.: 18285	Date: 06/08/93	Time: 12:51:25
Technician: PDB	Tank: 1	Tank Diameter(in): 95
Volume(gal): 15000	Grade Level(in): 155	Product Level(in): 155
Water Level On Tank(in): 0		
Specific Gravity: 0.74	Coefficient Of Expansion: 0.0006743	
Calibration Value(ml): 500	Channel: 1	
Level Segment From: 1 To 300	Temp Segment From: 50 To 275	

Product 87UL



Change In Calibration Zone = 6  
 Starting Temperature (F): 71.963  
 Surface Area(sq. in): 507.3

Calibration Unit(gal/unit) = 0.02167  
 Head Pressure(col/in (Btm)): 114.7  
 Temp. Change(F/h) : -0.017

Level volume(gph): -0.14  
 Temp. volume(gph): -0.16  
 Net change(gph) : 0.02

Product Line(gph): 0.0

**Result --> PASS**  
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**P/L --> PASS**

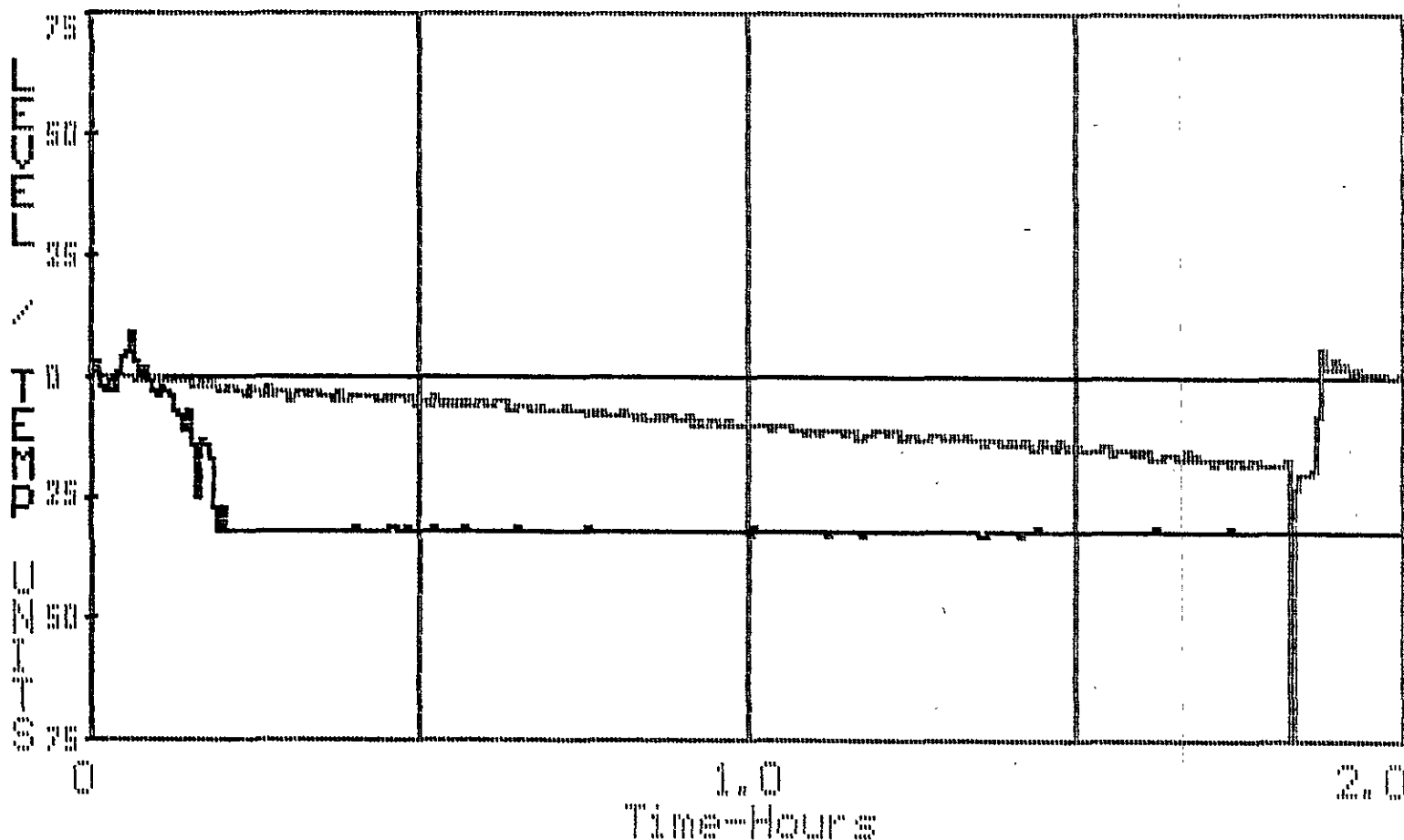
**\*\* Notes \*\***

THRIFTY #063, 6125 TELEGRAPH AVE., OAKLAND, CA.  
 TWO HOUR HIGH LEVEL FULL SYSTEM TEST. CAL = 500 ML.

AES/System II Precision Leak Test Graph

Invoice No.: 18285      Date: 06/08/93      Time: 12:51:25  
 Technician: FDB      Tank: 2      Tank Diameter(in): 95  
 Volume(gal): 12000      Grade Level(in): 153      Product Level(in): 155  
 Water Level On Tank(in): 0  
 Specific Gravity: 0.74      Coefficient Of Expansion: 0.0006743  
 Calibration Value(ml): 500      Channel: 2  
 Level Segment From: 25 To 250      Temp Segment From: 50 To 275

Product 89UL



Change In Calibration Zone = 18  
 Starting Temperature (F): 72.296  
 Surface Area(sq. in): 169.1

Calibration Unit(gal/unit) = 0.00722  
 Head Pressure(col/in (Btm)): 114.7  
 Temp. Change(F/h) : -0.012

Level volume(gph): -0.13  
 Temp. volume(gph): -0.09  
 Net change(gph) : -0.04

Product Line(gph): .002

Result --> PASS

P/L --> PASS

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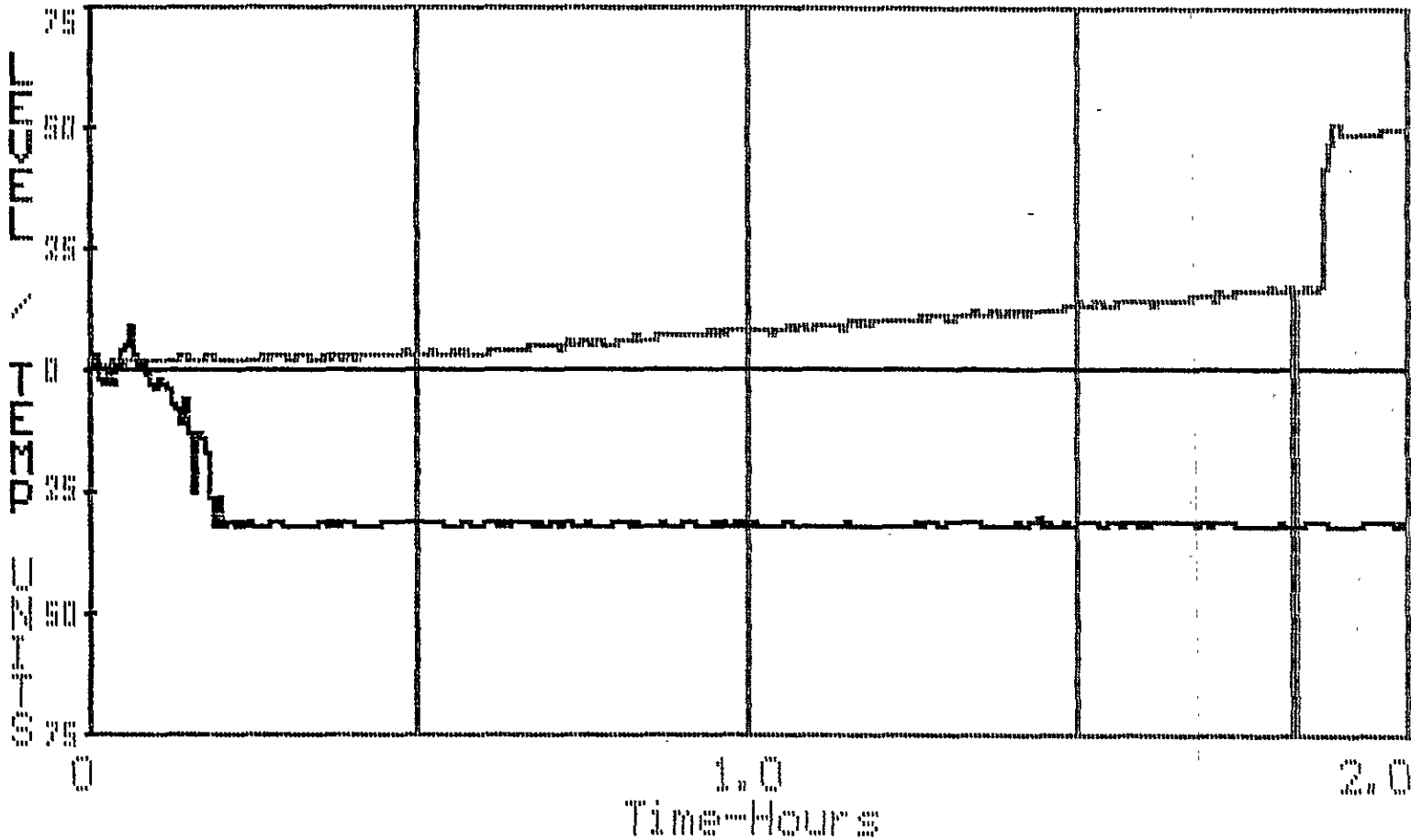
\*\* Notes \*\*

THRIFTY #063, 6125 TELEGRAPH AVE., OAKLAND, CA.  
 TWO HOUR HIGH LEVEL FULL SYSTEM TEST. CAL = 500 ML.

AES/System II Precision leak Test Graph

Invoice No.: 18285      Date: 06/08/93      Time: 12:51:25  
 Technician: PDB      Tank: 3      Tank Diameter(in): 95  
 Volume(gal): 12000      Grade Level(in): 155      Product Level(in): 155  
 Water Level On Tank(in): 0  
 Specific Gravity: 0.74      Coefficient Of Expansion: 0.0006743  
 Calibration Value(ml): 500      Channel: 3  
 Level Segment From: 1 To 225      Temp Segment From: 100 To 300

Product 92L



Change In Calibration Zone = 52  
 Starting Temperature (F): 71.838  
 Surface Area(sq. in): 58.5

Calibration Unit(gal/unit) = 0.00250  
 Head Pressure(col/in (Btm)): 114.7  
 Temp. Change(F/h) : 0.007

Level volume(gph): 0.09  
 Temp. volume(gph): 0.05  
 Net change(gph) : 0.04

Product Line(gph): .001

Result --> PASS

P/L --> PASS

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\*\* Notes \*\*

THRIFTY #063, 6125 TELEGRAPH AVE., OAKLAND, CA.  
 TWO HOUR HIGH LEVEL FULL SYSTEM TEST. CAL = 500 ML.

BILLING ORDER

Invoice Number 18295

INVOICE ADDRESS: Thrifty Oil Co 10000 Lakewood Blvd. Downey CA 90240	TANK LOCATION: Thrifty Sta #063 6125 Telegraph Ave. Oakland CA	Taken by: Date taken: Salesman: Terr: Technician: PDB County: AL Co. Notified: YES P.O. #:
Contact: Lori Freshour Phone: 800-800-4645	Contact: Manager Phone: 510-547-9130	Test Date: 06-08-93 Test Time: 09:00

EMERGENCY CONTACT:

PHONE:

HYDROSTATIC PRODUCT LINE TEST RESULT SHEET  
AES PLT-100R

PRODUCT	START VOLUME	END VOLUME	TEST PRESSURE	VOLUME DIFF. (GPH)	PASS/FAIL
87UL	189	189	50	0	PASS
89UL	187	185	50	-002	PASS
92UL	187	186	50	-001	PASS
CONFIRMATION TEST IF FIRST FAILED					

TEST PRESSURE IS 50 PSI WITH LEAK DETECTOR REMOVED & IMPACT CLOSED.



Date 06-08-93

Invoice Number 18285

AES PLT-100R  
HYDROSTATIC PRODUCT LINE TEST WORK SHEET

TEST NO.	PRODUCT	START TIME	END TIME	START VOL. (ML)	END VOL. (ML)	TEST VOL. DIFF. (ML)
1	874L	1300	1315	190	189	- 1
2	874L	1315	1330	189	189	0
1	894L	1345	1400	190	187	- 3
2	894L	1400	1415	187	185	- 2
	<del>89</del>					
1	924L	1430	1445	190	187	- 3
2	924L	1445	1500	187	186	- 1

Divide the volume differential by the test time ( 15 minutes) and multiply by 0.0158311, which will convert the volume differential from milliliters per minute to gallons per hour.

The conversion constant is found by :

$$(60 \text{ min/hr}) / (3790 \text{ ml/gal}) = 0.0158311 \text{ (min/hr) (gal/ml)}$$

The conversion constant causes the milliliters and minutes to cancel out.

Ex. If the level dropped 3ml in 15 minutes then:

$$3/15 \text{ ml./min.} \times 0.0158311 \text{ (min/hr) (gal/ml)} = 0.003 \text{ gal/hr.}$$

RESULTS OF THIS WORK SHEET TO BE COMPILED ON RESULTS SHEET.

A AAAA EEEE EEEE SSSSSS  
AA AAAA EEEE SSSS  
AAA AAAA EEEE EEEE  
AAAA AAAA EEEE SSSS  
AAAAA AAAA EEEE EEEE SSSSSSSSS

Associated Environmental Systems, Inc.

AES  
LEAK DETECTOR RESULTS

DATE: 06-8-95 W/O# 18285  
SITE ADDRESS: Thrifty STN. #063 WIC# 063  
6125 Telegraph Ave.  
OAKLAND CA  
TECHNICIAN: P.D.B.

\*\*\*\*\*

PRODUCT TYPE: 8746  
TYPE OF LEAK DETECTOR TESTED (CIRCLE ONE)

DLD     PLD     XLP     OTHER \_\_\_\_\_

SERIAL NUMBER: 2187-1003

RESIDUAL VOLUME \_\_\_\_\_ ML.  
FULL OPERATING PRESSURE 28 PSI.  
FUNCTIONAL ELEMENT HOLDING PRESSURE 21 PSI.  
METERING TIME 2-4 SEC.  
METERING PRESSURE 8 PSI.

INDUCED LEAK RATE USING RED JACKET RECOMMENDED APPARATUS

LEAK DETECTOR DID RECOGNIZE LEAK  PASS

LEAK DETECTOR DID NOT RECOGNIZE LEAK  FAIL

REPLACED FAILED LEAK DETECTOR? (CIRCLE ONE)    YES    NO

\*\*\*\*\*

TYPE OF NEW LEAK DETECTOR

DLD     PLD     XLP     OTHER \_\_\_\_\_

SERIAL NUMBER OF NEW LEAK DETECTOR \_\_\_\_\_

LEAK DETECTOR DID RECOGNIZE LEAK  PASS

LEAK DETECTOR DID NOT RECOGNIZE LEAK  FAIL

A AAAA EEEE EEEE SSSSS  
AA AAAA EEEE SSSS  
AAA AAAA EEEE EEEE  
AAAA AAAA EEEE SSSS  
AAAAA AAAA EEEE EEEE SSSSSSSSS

Associated Environmental Systems, Inc.

AES  
LEAK DETECTOR RESULTS

DATE: 06-08-95

W/O# 18285

SITE ADDRESS: Thriftly STN #063  
6125 Telegraph Ave.  
ORLANDO CA.

WIC# 063

TECHNICIAN: PAB

\*\*\*\*\*

PRODUCT TYPE: 89UL  
TYPE OF LEAK DETECTOR TESTED (CIRCLE ONE)

DLD     PLD     XLP     OTHER \_\_\_\_\_

SERIAL NUMBER: 21187-5863

RESIDUAL VOLUME \_\_\_\_\_ ML.  
FULL OPERATING PRESSURE 28 PSI.  
FUNCTIONAL ELEMENT HOLDING PRESSURE 20 PSI.  
METERING TIME 4 SEC.  
METERING PRESSURE 8 PSI.

INDUCED LEAK RATE USING RED JACKET RECOMMENDED APPARATUS

LEAK DETECTOR DID RECOGNIZE LEAK                     PASS

LEAK DETECTOR DID NOT RECOGNIZE LEAK                     FAIL

REPLACED FAILED LEAK DETECTOR? (CIRCLE ONE )    YES    NO

\*\*\*\*\*

TYPE OF NEW LEAK DETECTOR

DLD     PLD     XLP     OTHER \_\_\_\_\_

SERIAL NUMBER OF NEW LEAK DETECTOR \_\_\_\_\_

LEAK DETECTOR DID RECOGNIZE LEAK                     PASS

LEAK DETECTOR DID NOT RECOGNIZE LEAK                     FAIL

A AAAA EEEE EEEE SSSSSS  
AA AAAA EEEE EEEE SSSSS  
AAA AAAA EEEE EEEE SSSS  
AAAA AAAA EEEE SSSS  
AAAAA AAAA EEEE EEEE SSSSSSSSS

Associated Environmental Systems, Inc.

AES  
LEAK DETECTOR RESULTS

DATE: 06-08-93 W/O# 1928  
SITE ADDRESS: Thrifty STN #063 WIC# 063  
6125 Telegraph Ave.  
Oakland CA  
TECHNICIAN: PDB

\*\*\*\*\*

PRODUCT TYPE: 924L  
TYPE OF LEAK DETECTOR TESTED (CIRCLE ONE)

DLD     PLD     XLP     OTHER \_\_\_\_\_

SERIAL NUMBER: 38190-011

RESIDUAL VOLUME \_\_\_\_\_ ML.  
FULL OPERATING PRESSURE 28 PSI.  
FUNCTIONAL ELEMENT HOLDING PRESSURE 19 PSI.  
METERING TIME 4 SEC.  
METERING PRESSURE 8 PSI.

INDUCED LEAK RATE USING RED JACKET RECOMMENDED APPARATUS

LEAK DETECTOR DID RECOGNIZE LEAK  PASS

LEAK DETECTOR DID NOT RECOGNIZE LEAK  FAIL

REPLACED FAILED LEAK DETECTOR? (CIRCLE ONE ) YES NO

\*\*\*\*\*

TYPE OF NEW LEAK DETECTOR

DLD     PLD     XLP     OTHER \_\_\_\_\_

SERIAL NUMBER OF NEW LEAK DETECTOR \_\_\_\_\_

LEAK DETECTOR DID RECOGNIZE LEAK  PASS

LEAK DETECTOR DID NOT RECOGNIZE LEAK  FAIL