



Associated Environmental Systems, Inc.

TO APPROPRIATE COUNTY REGULATORY AGENCY:

San Leandro Fire Dept
835 E. 14TH Street
San Leandro, Ca 94577

92 APR -5 PM 1:05

IN THE ENCLOSED PACKAGE YOU WILL FIND THE RESULTS FROM THE UNDERGROUND TANK TEST FOR TANKS LOCATED AT:

Unocal # 3690
14999 Garraworth St
San Leandro, Ca

THE ORIGINAL OF ALL DOCUMENTS HAVE BEEN FORWARDED TO THE TANK OWNER. IF YOU HAVE ANY QUESTIONS, PLEASE CALL US AT 805-393-2212 AND ASK FOR THE OPERATIONS DEPARTMENT.

ASSOCIATED ENVIRONMENTAL SYSTEMS, INC. HAS ADVISED OUR CUSTOMER THAT PRECISION TEST RESULTS WERE SENT TO YOU FOR THIS LOCATION.

CERTIFICATE OF PRECISION LEAK TEST

Associated Environmental Systems, Inc. has tested and certifies
the following:

Certification #
9216279

DATE: 03/23/92 CERTIFIED TESTER: BNL # 89158

LOCATION: UNOCAL # 3690 14999 FARNSWORTH ST., SAN LEANDRO, CA

TANKS:	TANK	LINE	PROD/LINE
1. <u>10K R/UL</u>	<u>PASS</u>	<u>PASS</u>	<u>PASS</u>
2. <u>10K S/UL</u>	<u>PASS</u>	<u>PASS</u>	<u>PASS</u>
3. <u>XXXXXXXXXX</u>	<u>XXXX</u>	<u>XXXX</u>	<u>XXXX</u>
4. <u>XXXXXXXXXX</u>	<u>XXXX</u>	<u>XXXX</u>	<u>XXXX</u>
5. <u>XXXXXXXXXX</u>	<u>XXXX</u>	<u>XXXX</u>	<u>XXXX</u>
6. <u>XXXXXXXXXX</u>	<u>XXXX</u>	<u>XXXX</u>	<u>XXXX</u>

**ANY FAILURE LISTED MAY REQUIRE
NOTIFICATION OF AGENCY.**

Recertification Date Recommended:

03/93



Associated Environmental Systems

Home Office. P.O. Box 80427, Bakersfield, CA 93380 • 805/393-2212

TEST DELAY / CANCELLATION RECORD

WORK ORDER # 16279

DATE 3/23/92

TECHNICIAN LINSTEAD

TIME SCHEDULED 09:00

CERT # 89165 VAN # 0117

TANK LOCATION UNOCAL #3690 14999 FARNSWORTH
SAN LEANDRO

DELAY

REASON FOR DELAY:

TOTAL HRS DELAY ~~1:30~~ 5.5

LATE FUEL DELIVERY.....TIME DELIVERED 14:30

OTHER _____

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

ACKNOWLEDGED BY: _____

TITLE: _____

DATE: _____

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:	Tank Location:	W.O.#: 16279
UNOCAL CORP 2000 CROW CANYON # 400 SAN RAMON CALIF 94583	UNOCAL # 3690 14999 FARNSWORTH SAN LEANDRO CA	I.D. Number: 3690 Technician:BNL Tech.#:89165 Van#:0117

Date: ~~10/23/92~~ 03/23/92 Time Start: 09:00 End: 10:00 County: AL
 Facility Phone#: 1-510-351-9939 Groundwater Depth: 100" Blue Prints: N/A
 Contact: MGR Date; Time system was filled: 03/23/92 14:30

Tank	Tank Capacity	Product	Tank	Fill/Vent Vapor Lines	Product Line	Type Of Vapor Recovery	Inches of Water/Tank	Pump Type	Tank Material
1	10K	R/UL	PASS	PASS	PASS	PH-2	0 0	TURB	SWS
2	10K	S/UL	PASS	PASS	PASS	PH-2	0 0	TURB	SWS

SWS = single wall steel

Additional Information:

SITE LOG

TIME

Set Up Equip:	13:00
Bled Product Lines:	09:35
Bled Vapor Lines:	13:30
Bled Vent lines:	13:35
Bled Turbine:	13:40
Bled Suction Pump:	N/A
Risers Installed:	13:50

- 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.

Copyright (c) 1989 by AES, Inc.
 California O.T.T.L. Number : 1131
 Certified Technician Signature :

Date : 3/23/92

ASSOCIATED ENVIRONMENTAL SYSTEMS

FARNSWORTH

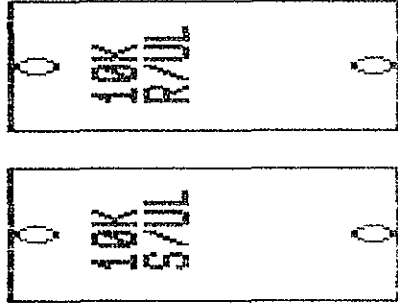
MANNER



IN



0 M/W



VENTS

UNOCAL # 3690



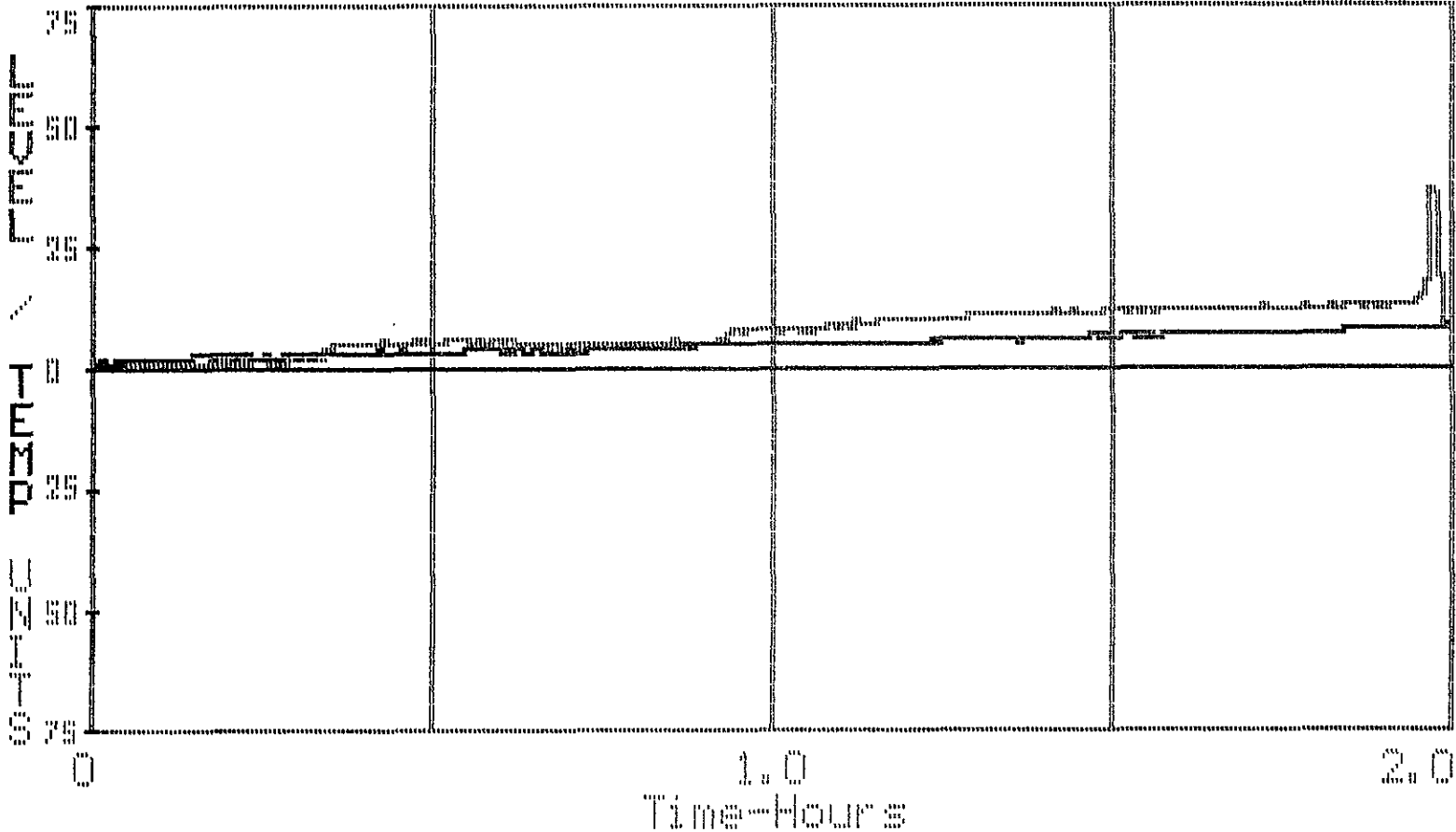
Site Layout For : UNOCAL #3690 14999 FARNSWORTH SAN LEANDRO CAL

Associated Environmental Systems, Inc.

AES/System II Precision Leak Test Graph (OverFill)

Invoice No.: 16279 Date: 03/23/98 Time: 15:20:09
 Technician: BNL Tank: 1 Tank Diameter(in): 94
 Volume(gal): 10000 Grade Level(in): 129 Product Level(in): 141
 Water Level On Tank(in): 21
 Specific Gravity: .75 Coefficient Of Expansion: 0.0006646
 Calibration Value(ml): 378 Channel: 1
 Level Segment From: 140 To 290 Temp Segment From: 150 To 300

Product F/L



Change In Calibration Zone = 11
 Starting Temperature (F): 65.816
 Surface Area(sq. in): 209.6

Calibration Unit(gal/unit) = 0.00907
 Head Pressure(psi (Btm)): 3.06
 Temp. Change(F/h) : 0.017

Level volume(gph): 0.14
 Temp. volume(gph): 0.11
 Net change(gph) : 0.03

Product Line(gph): .015

Result --> PASS

F/L --> PASS

Copyright (c) 1989 by AES, Inc.

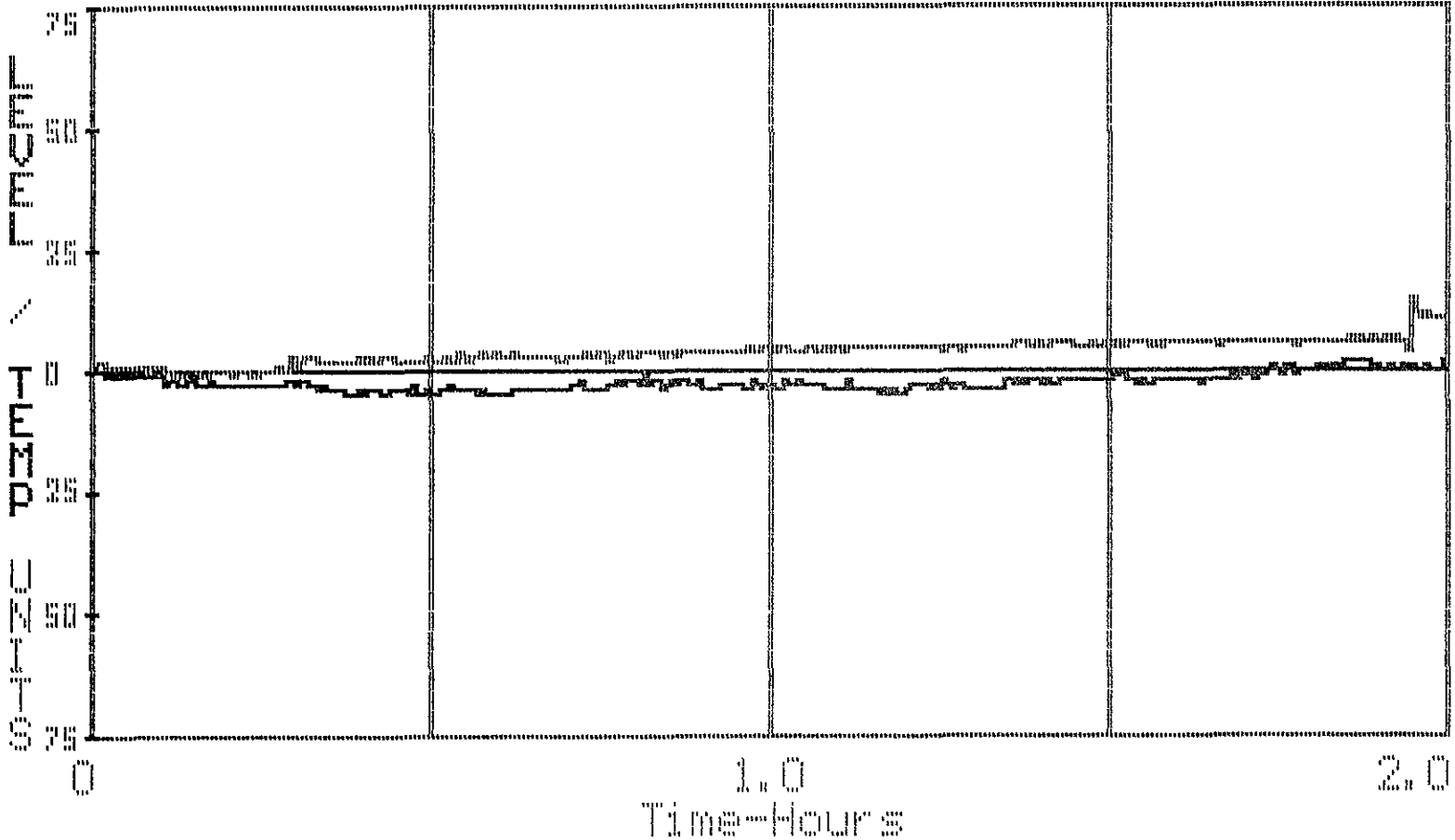
** Notes **

UNOCAL #3690 , 14999 FARNSWORTH , SAN LEANDRO CALIF. HIGH LEVEL TEST.
 FIRST AND SECOND HOURS.

AES/System II Precision, leak Test Graph (OverFill)

Invoice No.: 16279 Date: 03/23/92 Time : 15:20:09
 Technician: BNL Tank: 2 Tank Diameter(in): 93
 Volume(gal): 10000 Grade Level(in): 133 Product Level(in): 145
 Water Level On Tank(in): 21
 Specific Gravity: .76 Coefficient Of Expansion: 0.0006524
 Calibration Value(ml): 378 Channel: 2
 Level Segment From: 1 To 250 Temp Segment From: 150 To 300

Product S/L



Change In Calibration Zone = 11
 Starting Temperature (F): 68.995
 Surface Area(sq. in): 200.8

Calibration Unit(gal/unit) = 0.00907
 Head Pressure(psi (Btm)): 3.22
 Temp. Change(F/h) : 0.010

Level volume(gph): 0.06
 Temp. volume(gph): 0.06
 Net change(gph) : 0.00

Product Line(gph): .028

Result ---> PASS

P/L ---> PASS

Copyright (c) 1989 by AES, Inc.

** Notes **

UNOCAL #3690 , 14999 FARNSWORTH , SAN LEANDRO CALIF. HIGH LEVEL TEST.
 FIRST AND SECOND HOURS.

BILLING ORDER

Invoice Number 16279

INVOICE ADDRESS:	TANK LOCATION:	Taken by:
	UNOCAL # 3690	Date taken:
	14999 FAIRSWORTH	Salesman: Terr:
	SAW LEONARDO	Technician: <u>BNL</u>
		County:
		Co. Notified:
		P.O. #:
Contact:	Contact:	Test Date: <u>3/23/92</u>
Phone:	Phone:	Test Time: <u>09:00</u> <u>13:00</u>

EMERGENCY CONTACT:

PHONE:

HYDROSTATIC PRODUCT LINE TEST RESULT SHEET
AES PLT-100R

PRODUCT	START VOLUME	END VOLUME	TEST PRESSURE	VOLUME DIFF. (GPH)	PASS/FAIL
<u>RLWL</u>	<u>157</u>	<u>142</u>	<u>50</u>	<u>.015</u>	<u>PASS</u>
<u>SLWL</u>	<u>192</u>	<u>164</u>	<u>50</u>	<u>.028</u>	<u>PASS</u>
CONFIRMATION TEST IF FIRST FAILED					

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

A AAAA EEEE EEEE SSSSSSSSS
AA AAAA EEEE EEEE SSSS
AAA AAAA EEEE EEEE
AAAA AAAA EEEE EEEE SSSS
AAAA AAAA EEEE EEEE SSSSSSSSS

Associated Environmental Systems, Inc.

AES
LEAK DETECTOR RESULTS

DATE: 3/23/92 W/O# 16279
SITE ADDRESS: UNOCAL # 3190 WICH _____
14999 FARNSWORTH
SAN LEANDRO
TECHNICIAN: BNL

PRODUCT TYPE: rlul
TYPE OF LEAK DETECTOR TESTED (CIRCLE ONE)
 DLD PLD XLP OTHER _____

SERIAL NUMBER: 2398

RESIDUAL VOLUME 42 ML.
FULL OPERATING PRESSURE 28 PSI.
FUNCTIONAL ELEMENT HOLDING PRESSURE 13 PSI.
METERING TIME 3 SEC.
METERING PRESSURE 8 PSI.

INDUCED LEAK RATE OF 3 GPH @ 10 PSI USING RED JACKET FTA
LEAK DETECTOR DID RECOGNIZE 3 GPH LEAK PASS
LEAK DETECTOR DID NOT RECOGNIZE 3 GPH 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 3 GPH LEAK PASS
LEAK DETECTOR DID NOT RECOGNIZE 3 GPH LEAK FAIL

A AAAA EEEE EEEE SSSSSSSSS
AA AAAA EEEE EEEE SSSS
AAA AAAA EEEE EEEE SSSS
AAAA AAAA EEEE EEEE SSSSSSSSS
AAAA AAAA EEEE EEEE SSSSSSSSS

Associated Environmental Systems, Inc.

AES
LEAK DETECTOR RESULTS

DATE: 3/23/92 W/O# 16279
SITE ADDRESS: UNOCAL #3190 WIC# _____
14999 FARNWORTH
SAN LEANDRO
TECHNICIAN: BWL

PRODUCT TYPE: SLUL
TYPE OF LEAK DETECTOR TESTED (CIRCLE ONE)
 DLD PLD XLP OTHER _____

SERIAL NUMBER: UNREADABLE

RESIDUAL VOLUME 30 ML.
FULL OPERATING PRESSURE 29 PSI.
FUNCTIONAL ELEMENT HOLDING PRESSURE 16 PSI.
METERING TIME 2 SEC.
METERING PRESSURE 9 PSI.

INDUCED LEAK RATE OF 3 GPH @ 10 PSI USING RED JACKET FTA
LEAK DETECTOR DID RECOGNIZE 3 GPH LEAK PASS
LEAK DETECTOR DID NOT RECOGNIZE 3 GPH 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 3 GPH LEAK PASS
LEAK DETECTOR DID NOT RECOGNIZE 3 GPH LEAK FAIL

CHECKLIST OF SERVICES
UNOCAL NORTH

- ✓ _____ Full System Tank Test
- ✓ _____ Close All Impact Valves
- ✓ _____ AES Hydrostatic Product Line Test
- ✓ _____ AES Leak Detector Test
- _____ **STRIKER PLATES ~~INSTALLED~~ ALREADY IN PLACE**
 Check Drop Tubes For Striker Plates (install a new one if necessary and record the tank in the space below) Invoice Customer @ \$30.00 ea/Plate **METAL PLATES**
- ✓ _____ Disconnect All V/R Lines Where Cross Contamination Could Occur
- ✓ _____ Conduct A Visual Inspection For Leaks In Dispenser Cabinet
- ✓ _____ Complete AES Results Sheets
- ✓ _____ Complete Site Plot
- ✓ _____ Complete Site Information Sheet Including Coefficient of Expansion, Specific Gravity And Temperature

	YES	NO	
A New Striker Plate Was Installed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	U/L-87 TANK #1
	<input type="checkbox"/>	<input type="checkbox"/>	U/L-87 TANK #2
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	U/L-92 TANK #1
	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	U/L-93 TANK #2
	<input type="checkbox"/>	<input type="checkbox"/>	

Complete This Checklist And Include In The Test Packet