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1871

SUMMARY OF UNDERGROUND STORAGE TANK SYSTEM TESTING

NDE ENVIRONMENTAL CORPORATION
20000 Mariner Avenue, Suite 500
Torrance, California 90503
(310) 542-4342

Test Date: **21 Sep 1992**

Work Order#: **960360**

UNOCAL 76
911 WILSHIRE BLVD.
L.A., CA 90017
Attn: **STEPHAN CAMPBELL**

UNOCAL #1871
96 MACARTHUR BLVD.
OAKLAND, CA 94610

The following tests were conducted at the site described above in accordance with all applicable portions of federal, NFPA, and local regulations.

TANK SYSTEM INFORMATION

Tank No.	Tank Capacity	Tank Diameter	Product	Product Level	Tank Material	Vapor Recovery Type
12KU87	12,245	96	GAS	57.00	STEEL	BALANCE
12KU92	12,245	96	GAS	56.00	STEEL	BALANCE
280 W/O	280	45	W/OIL	24.00	STEEL	NONE

TESTING RESULTS

Tank No.	VPLT Volume Change (gph)	Wetted Portion of Tank Pass/fail	Ullage Portion of Tank Pass/Fail	Product Lines Pass/Fail	Vent & Vapor Lines Pass/Fail	Leak Detector Present? Yes/no	Leak Detector Results Pass/Fail
12KU87	-0.015	PASS	PASS	PASS	PASS	YES	PASS
12KU92	0.006	PASS	PASS	PASS	PASS	YES	PASS
280 W/O	-0.002	PASS	PASS	N/A	PASS	NO	N/A

NDE appreciates the opportunity to serve you, and looks forward to working with you in the future. Please call any time, day or night, when you need us.

NDE Customer Service Representative
F. MILLER

Testing conducted by
M. LEVESQUE

TESTING SUMMARY

WORK ORDER #:	960360	SALES REPRESENTATIVE:	F. MILLER
TEST DATE:	21 Sep 1992	TEST START TIME:	13:00
TECH(S):	M. LEVESQUE	VAN NUMBER:	17
SITE NAME:	UNOCAL #1871	VAN MILEAGE:	67,221
SITE ADDRESS:	96 MACARTHUR BLVD.	OIL CHECK:	OK
	OAKLAND		
	CA 94610	TECHNICIAN SIGNATURE:	
SITE PHONE:	(510) 655-3670	OTHER NDE PERSONNEL:	
SITE ID #:		TECHNICIAN CERTIFICATION NUMBER:	92-1405

TANK TESTING DATA

	Tank 1	Tank 2	Tank 3	Tank 4	Tank 5	Tank 6
Product:	GAS	GAS	W/OIL			
True Capacity:	12,245	12,245	280			
Manifolded tanks:	NO	NO	NO			
Siphoned tanks:	NO	NO	NO			
Manifolded Vents:	NO	NO	NO			
Tank Bottom to top of fill:	158	149	78			
Fill pipe length:	62	43	33			
Tank diameter:	96	96	45			
Tank Bottom to top of grade:	153	144	73			
Fill pipe diameter:	4	4	4			
Fluid Level:	57.00	56.00	24.00			
Fluid Volume:	7,576	7,416	152			
Water in tank:	0	0	0			
Specific Gravity:	0.743	0.748	0.855			
Tank Construction:	STEEL	STEEL	STEEL			
OFT/UFT: No. thermistor: Ground Water level: How determined:	UFT 5 0 MON/W	UFT 5 0 MON/W	UFT 5 0 MON/W			
Test start time: Test finish time:	14:40 16:41	14:42 16:45	14:44 16:50	: :	: :	: :
Total temperature change (degrees F):	0.044	0.010	-0.159			
Total fluid level change (inches):	0.002	0.001	0.000			
Leak Rate (GPH):	-0.015	0.006	-0.002			
Pass/Fail:	PASS	PASS	PASS			

ULLAGE TESTING DATA

	Tank 1	Tank 2	Tank 3	Tank 4	Tank 5	Tank 6
Product:	GAS	GAS	W/OIL			
True Capacity:	12,245	12,245	280			
Ullage volume:	4,669	4,829	128			
Fluid pressure on tank bottom (PSI):	1.53	1.51	0.74			
Test Ullage pressure (PSI):	2.47	2.49	3.26			
Stabilization time (minutes):	25	25	10			
Fill start time:	17:00	17:00	17:00	:	:	:
Time to 1 PSI:	2	2	1			
Time to test pressure:	4	4	2			
Start time - test 1	17:30	17:30	17:15	:	:	:
Nitrogen flow (cubic feet per hour/CFH):	0.20	0.20	0.20			
Ullage temperature:	76.1	77.3	77.1			
finish time - test 1:	17:40	17:40	17:25	:	:	:
Nitrogen flow (CFH):	0.20	0.20	0.20			
Start time - test 2:	17:40	17:40	17:25	:	:	:
Nitrogen flow (CFH):	0.20	0.20	0.20			
Ullage temperature:	76.3	77.4	77.1			
Finish time - test 2:	17:50	17:50	17:35	:	:	:
Nitrogen flow (CFH):	0.20	0.20	0.20			
Start time - test 3:	:	:	:	:	:	:
Finish time - test 3:	:	:	:	:	:	:
Nitrogen Flow (CFH):						
Pass/Fail:	PASS	PASS	PASS			

LINE TEST DATA

	Tank 1	Tank 2	Tank 3	Tank 4	Tank 5	Tank 6
Product:	GAS	GAS	W/OIL			
Pump type:	REDJACKET	REDJACKET				
Isolator:	SCREW	SCREW				
Test pressure:	50	50				
Test start time:	13:20	13:20	:	:	:	:
Starting pressure:	50	50				
Total test time:	10	10				
Finish pressure:	50	50				
Volume loss:	0	0				
GPH loss:	0.000	0.000				
Pass/Fail:	PASS	PASS	N/A			

LEAK DETECTOR DATA

	Tank 1	Tank 2	Tank 3	Tank 4	Tank 5	Tank 6
Serial number:	12KU87	12KU92	280 W/O			
Product:	GAS	GAS	W/OIL			
Leak Detector manufacturer:	REDJACKET	REDJACKET				
Leak detector model:	116-017	116-035				
Leak detector serial number:	-	301918372				
Resiliency:						
Leak calibration:						
Open time:	5	3				
Element holding:	13	9				
Metering PSI:	11	7				
Confirm sensing of calibrate leak after keying nozzle:	YES	YES				
Does leak detector reset from GPH orifice?:	YES	YES				
Is seal/pressure relief tight (PLD only)?:	N/A	YES				
Pass/Fail:	PASS	PASS	N/A			

COMMENTS

NEW GILBARCO DISPENSERS
6 HOSE SINGLE DISPENSER
NO WATER IN MON WELL

MACARTHUR

HARRISON

