

RED HILL TANK NO. 12.
PRODUCT: DFM

<u>DATE</u>	<u>REMARKS</u>
10/22/51	Cleaned tank. Labor Cost: \$1915.55. Material: \$42.10
6/59	Repaired automatic gauge. Labor Cost: \$50. Material: \$10.60
10/11/63	Calibrated gauge
1/15/64	Tank cleaned by Pearl Harbor NSYD. Inspected by NSC. Condition of steel appeared very good. No evidence of corrosion on bottom plates or piping. Fuel Department Facilities Branch renewed 20 feet of 3 x 4 wooden elevator guide. Made welding repairs to damaged catwalk. Inspection of dome made from catwalk with spotlight. No evident break in liner plate. However, known leak exists in dome section. Finding and repair of this leak will be deferred for accomplishment under contract for tank rehabilitation.
10/27/67	Changed oil seals on valves.
4/28/70	Emptied and cleaned for conversion.
5/20/72	Telemeter system installed. Converted to DFM.
12/14-21/72	Hosed and cleaned tank (178 hours).
12/26/72-2/6/73	Drilled and tapped 3/8" pipe connections on telltale pipe at bottom of tank to test collector ring. Connected 2" pipe air line in lower tunnel to tank. Tested collector ring for leaks at 2-1/2 lbs. air pressure. Tested tank for leak (343 man-hours).
3/73	Tank emptied. Suspected leak between 15'-0-0- and 20'-0-0. Filled water to 20'-0-0. No leak.
7/16/73	Drained water.
8/1/73	Removed all hoses and installed 1/4" plugs on collector rings at bottom of tank.
9/24/73	Removed and installed new 6" gate valve on drain line.
10/3/73	Installed 16" flange and blank.
10/3/73	Cut 16" line and welded flange connector to main line. Filled Navy Distillate to 40'-0-0. Leaked .3 per day. Drained. Filled Navy Distillate to 20'-0-0. No leak.

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7/8/74	Continued to fill tank--76'-479. Sounding okay.
2/27/80	Completed fuel removal for turnover to contractor for MILCON P-060. Contractor began work. Removed motorized valves and installed blanks.
1/15/81	The Deputy Director, Fuel Department; Engineering Technician, Facilities Division; ROICC Pearl and contractor representatives inspected tank. Tank was accepted for leak testing.
1/29/81	Contractor notified ROICC that tank was ready for return to service. Began refilling tank for leak test. Tank filled to 100 ft. level for observation.
2/3/81	Gauge loss shows leak rate at 100 ft. to be approximately 1440 gal/day. Dropped tank to 60 ft. level.
2/5/81	Leak rate continued. Dropped tank to 30 ft. level. Leak appeared to stop.
2/10/81	Completed fuel removal for turnover to contractor for leak repair. Contractor began work. Tank was refilled to 100' level and leaked at a rate of 1400 gallons per day.
2/27/81	Tank was returned to service for leak testing after rework and repairs were completed.
5/5/81	Tank was removed from service for the second time for leak repairs.