

RED HILL TANK NO. 7

PRODUCT: DFM

<u>DATE</u>	<u>REMARKS</u>
5/22/52	Cleaned tank. Labor Cost: \$1898.30. Material: \$398.60
10/11/63	Calibrated gauge.
4/64	Completed cleaning tank. Tank inspected. No corrosion. Good shape.
3/18/71	Emptied and cleaned for conversion.
4/20-5/3/71	Cleaned tank for Navy Distillate conversion. Installed flat steel bars around elevator shaft and catwalk inside of tank (256 hours). Labor cost: \$1,024.
5/4/71	Topped off with Navy Distillate.
6/22/73	Emptied and cleaned for conversion.
6/23/73	Emptied and cleaned by Asteroid group for installation of gauging equipment.
7/13/73	Removed and installed new 6" valve on drain line.
9/11/73	Telemeter system installed. Converted to DFM.
11/14/73	Telltale #1 collector ring started to leak. Alarm sounded in sump pit. Transferred Navy Distillate to Tank 10.
11/26/73	Started to clean tank. Drain line plugged. Welded collector ring.
12/73	Tank cleaned to repair leak #1 telltale (collector ring). Found corroded jumper pipe in collector ring. Bad section of jumper pipe removed and new section welded in. Tank buttoned up on 5 December 1973.
7/74	Telemeter out.
5/22/78	Tank experienced significant telltale leakage during weekend of 20-21 May 1978 requiring immediate transfer of DFM inventory to other tankage.
6/9/78	Tank emptied and washed for contractors.
6/9/78	Completed fuel removal for turnover to contractor for MILCON P-060.
10/24/78	Contractor began work. Removed motorized valves and installed blanks.

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<u>DATE</u>	<u>REMARKS</u>
2/15/80	Contractor notified ROICC that tank is ready to be returned to service.
2/11/80	Final inspection of tank was held on this date. As there were some discrepancies that needed to be corrected by the contractor, the tank was not accepted. The tank was accepted on 29 February 1980 and filled. This is the first tank to be completed under MILCON P-060.
2/20/80	Began refilling tank for leak test.

LEAK TEST DATA
(Note: Leak rate is based on data from telemetering)

<u>DATE</u>	<u>FILL LEVEL</u>	<u>LEAK RATE (GAL/DAY)</u>
2/20-7/20/80	Various 171-235	Bad data due to leaking skin valve.
7/21-25/80	235.0	609
7/26-31/80	214.8	334
8/1-7/80	209.9	208
8/9-9/10/80	207.0	12.7
9/10-10/4/80	207.0	12.0
10/22-11/12/80	206.9	2.6
11/13/80-1/8/81	206.9	3.1

8/7/80	Tank fill level dropped to 207.0 feet. Leak subsided. Tank maximum fill capacity temporarily reduced by 31.3 Mbbls. to 265.4 Mbbls.
1/8/81	Stopped leak test. Began use as receiving tank.
4/9/81	Tank was removed from service for leak repairs under MCON P-060.
5/3/81	Tank was returned to service for leak testing following completion of leak repairs.