V6-1101-3

PROPANE STORAGE TANK #7

#7 PROP. TANK

CC 1101

Form No. 1 for Manufacturer's Report on an Unfired Pressure Vessel as Required by the Provisions of the API-ASME Code

1. Manufactured by THE J. B. BEAIRD CO., INC. Shreveport, Louisiana.
Beaird's Shop Job Number W-3691 Sales Order 30948

2. Manufactured for Hudson Engineering Corp., Houston, Texas Order No. 3260-3

3. Position in service Horizontal. Serial Number W-3691-3

4. Have the Mill Test Reports been checked on all the plates entering this unfired Pressure Vessel? Yes
Do the chemical and physical properties of all plates meet the requirements of the Code? Yes

5. Shell or Drums: Thickness .98 Inches. No. 1 Outside Diameter 121.96 Inches.
Overall length 77' 5"

6. Stamps on shell plate A-212-B Fbx., 70,000# Min. T.S. Bolts A-193-B7

7. Seams: Longitudinal Double Welded Butt Joint Girth Double Welded Butt Joint

8. Joints Radiographed ______ Stress Relieved ______ Joint Efficiency 80%

9. Radiographed Inspection

	All or %	Thickness
a. Longitudinal Joints		
b. Girth Joints		

Stress Relieving	Heads	Ring Nos.	Controlling Thickness	Temperature	Time Temperature Held in Minutes.
a. If part of Vessel only					
b. If entire Vessel					

10. Outer Shell ______ Inch. Style of Seams: Longitudinal ______
Girth ______. Length of section ______

11. Heads: Two .50" x 121.96" OD API-ASME Code Hemispherical

12. Nozzles: (1) 1/2", (2) 3/4", (2) 1", (1) 1-1/2" 6000# Cplgs; (7) 2" (2) 6" 300# Weld Neck Flgs. W/Pipe Neck

13. ~~Handhole~~: (1) 4" 300# Long Weld Neck

14. ~~Sight Hole~~:

15. Manways: (1) 16" 300# Long Weld Neck

16. Method of supporting vessel (2) Fabricated Steel Saddles

17. Allowable working pressure at atmospheric temperature 226 PSI.
a. Hydrostatic test pressure 339 PSI.
b. Hydrostatic test pressure when hammer tested 282 PSI.
c. Proof test pressure if applied ______ PSI.
d. Location of yield if yielding occurred ______
e. Hydrostatic test stress in longitudinal joint 20,925 PSI.
f. Allowable operating stress 13,950 PSI.

18. Constructed for a pressure of 225 PSI. with a specified operating temperature of 150 °F.
and a corrosion allowance of None

19. Remarks This report covers one 120" ID x 67' 3" Seam to Seam 43,522 Gallon Propane Storage Tank, constructed in accordance with The J. B. Beaird Company, Inc. Drawing Order No. W-3691, Sheet 1 & 2 of 2.

WE CERTIFY the above data to be correct and that all details of material, construction, and workmanship on this unfired pressure vessel conform to the API-ASME CODE FOR UNFIRED PRESSURE VESSELS for Petroleum Liquids and Gases.

Date 7-3-52 Signed THE J. B. BEAIRD CO., INC. By M B Horton

Date 7-3-52 Checked by G. W. Waggener For The Fidelity & Casualty Company of New York
G. W. Waggener
N. B. Comm. 928