

# NO. 0033 P. D. **ITA REPORT FOR UNFIRED PRESSURE VESSELS** Alternate Form For Single Chamber Completely Shop Fabricated Vessels Only As required by the Provisions of the ASME Code Rules and the National Board

6,000 gal. Propan  
 Storage Tank

1. Manufactured by NATIONAL BUTANE GAS COMPANY, INC., Memphis, Tennessee **APR 12 1963**

(Name and address of Manufacturer)

2. Manufactured for WARDEN'S LP GAS SERVICE, WEST MEMPHIS, ARK.

(Name and address of Purchaser)

3. Type Horiz. Vessel No. 03405 Nat'l Bd. No. 47781 Yr. Built 1963  
 (Hori. or Vert.) (Mfrs. Serial) (State & Std. No.)

ASTM-A

4. SHELL: Mat'l 155-61T S. 73,000 Thk. .4805 in. Allow. 5 in. Diam. 5 ft. in. Length 43 ft. in.  
 (Kind and Spec. No.) (Fig. or F. B. & Spec. Min. T.S.)

5. SEAMS: Long dbl. butt SR. no XR spot Sectioned no Efficiency 85 %  
 (Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)

Girth dbl. butt SR. no XR spot Sectioned no No. of Courses 5

6. HEADS: (a) Material ASTM-A-155-61T S. 73,000 (b) Material T.S.

If riveted or  
 brazed describe  
 seams fully  
 under remarks.

Location (Top, bottom, ends)	Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a) <u>ends</u>	<u>.406</u>			<u>2:1</u>				<u>concave</u>
(b)								

If removable, bolts used \_\_\_\_\_ Other fastening \_\_\_\_\_

(Material, Spec. No., T.S., Size, Number)

(Describe or Attach Sketch)

7. Constructed for Int. pressure of 250 psi. Max. Temp. 650 °F. Subzero \_\_\_\_\_ °F. Hydrostatic Test 400 psi.

8. SAFETY OR RELIEF VALVE OUTLETS: Number 1 Size 2" Location shell

9. NOZZLES: with 2" coupling for Sr. Float Gauge

Purpose, (Inlet Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
Excess Flow Valves, 10%		<u>3"</u> <u>2"</u>	<u>couplings</u>	<u>steel</u>	<u>3/8"</u>	<u>weld</u>	<u>weld</u>
Outage, Press. &	<u>6</u>	<u>1 1/4"</u> <u>1 1/2"</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>
Rotary Gauges, etc.		<u>8"</u> <u>1"</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>

10. INSPECTION Manholes, No. \_\_\_\_\_ Size \_\_\_\_\_ Location \_\_\_\_\_

OPENINGS Handholes, No. \_\_\_\_\_ Size \_\_\_\_\_ Location \_\_\_\_\_

Threaded, No. \_\_\_\_\_ Size \_\_\_\_\_ Location \_\_\_\_\_

11. SUPPORTS: Skirt \_\_\_\_\_ Lugs \_\_\_\_\_ Legs \_\_\_\_\_ Other \_\_\_\_\_ Attached \_\_\_\_\_  
 (Yes or No) (Number) (Number) (Describe) (Where & How)

12. REMARKS: For liquefied petroleum gas only. UW 52 of 1959 ASME Code.

(Brief description of purpose of the vessel, as Air Tank, Water Tank, L.P.G., Etc. -- State Contents.)

We certify that the statements made in this report are correct and that all details of material, construction, and workmanship of this vessel conform to the ASME Code for Unfired Pressure Vessels.

Date Jan. 8 19 63 Signed NATIONAL BUTANE GAS CO., INC. By L. C. Wray  
 (Manufacturer)

Certificate of Authorization Expires December 31, 1964

## **CERTIFICATE OF SHOP INSPECTION**

Inspection Agency's Serial No. 03405

VESSEL MADE BY NATIONAL BUTANE GAS CO., INC. at Memphis, Tennessee

I, the undersigned, holding a Certificate of Competency as an Inspector of Boilers and Unfired Pressure Vessels in THE STATE OF Tenn. and employed by COMMERCIAL UNION INSURANCE CO. of NEW YORK inspected internally and externally, the vessel described in this report on APR 11 1963 19 63 and certify that the statements made in this report are correct corresponding with mill test reports of materials furnished by the builders, and measurements made of the vessel and that this vessel is constructed in accordance with the ASME Code for Unfired Pressure Vessels.

Date APR 11 1963 19 63

Wm. H. Starnick  
 Inspector's Signature

Commissioner

NAT'L BD. 5173

State or Nat'l Bd. & Number