

FORM U-1-A MANUFACTURERS' DATA REPORT FOR UNFIRED PRESSURE VESSELS

Alternate Form For Single Chamber Completely Shop Fabricated Vessels Only 6,000 gal. Propane
As required by the Provisions of the ASME Code Rules and the National Board 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. (03403) Nat'l Bd. No. 47779 Yr. Built 1963
(Horiz. or Vert.) (Mfrs. Serial) (State & Std. No.)

4. SHELL: Mat'l ASTM-A-455-61TTS-73,000 Thk. 4805 in. Allow. - in. Diam. 5 ft. - in. Length 43 ft. - in.
(Kind and Spec. No.) (Fig. or F. B. & Spec. Min. T.S.) (Nom. Corr.)

5. SEAMS: Long dbl. butt weld SR no x.R. spot Sectioned no Efficiency 85 %
(Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)
Girth dbl. butt weld SR no x.R. spot Sectioned no No. of Courses 5

If riveted or
braced describe
seams fully
under remarks.

6. HEADS: (a) Material ASTM-A-455-61TTS-73,000 (b) Material T.S.

| 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
with 2" coupling for Sr. Float Gauge

9. NOZZLES:

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

Certificate of Authorization Expires December 31, 1964

CERTIFICATE OF SHOP INSPECTION

Inspection Agency's Serial No. (03403)
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 JAN 21 1963 19 - 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 JAN 31 1963 19 -

[Signature]
Inspector's Signature

Commissions LESLIE B. ELLIS
State or Nat'l Bd. & Number