

**FORM U-1-A MANUFACTURERS' DATA REPORT FOR UNFIRED PRESSURE VESSELS  
ALTERNATE FORM FOR SINGLE CHAMBER COMPLETELY SHOP FABRICATED VESSELS ONLY**

1. Manufactured by **LUBBOCK MANUFACTURING COMPANY - LUBBOCK, TEXAS**  
**L69978** (Name and address of Manufacturer)  
 2. Manufactured for **Northern New Mexico Gas Co. - Alton, New Mexico**  
 (Name and address of Purchaser)  
 3. Type **Horiz.** Kind **Tank** Vessel No. **53861** ( ) Nat'l Bd. No. **330** Year Built **1962**  
 (Horiz or Vert.) (Tank, Jacketed, Heat Exch.) (Mfr's Serial) (State & State No.)

Items 4-9 incl. to be completed for single wall vessels (such as air tanks), jackets of jacketed vessels, or shells of heat exchangers.

4. SHELL: Material **Case 1804-T.S. 115,000** Nom. **367** Cor. **84** in. Length **362** in.  
 (Kind & Spec. No.) (Fig. or F.B. & lowest T.S.) Thick. in. Allow. in. Dia. in.

5. SEAMS: Long **welded mk butt** S.R. **yes** X.R. **compl** Sectioned **no** Efficiency **100 %**  
 (Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Comp.) (Yes or No)

Girth **welded mk butt** S.R. **yes** X.R. **compl** Sectioned **no** No. of Courses **4**

If riveted de-  
scribe seams  
fully on re-  
verse side of  
form

6. HEADS: (a) Material **Case 1804-9 T.S. 115,000** (b) Material **Case 1804-9 T.S. 115,000**  
 Location Thickness Crown Radius Knuckle Radius Elliptical Ratio Conical Apex angle Hemispherical Radius Flat Diameter Side to Pressure  
 (Top, bottom, ends) (Convex or Concave)  
 (a) **End** **.850** **42"** **concave**  
 (b) **End** **.850** **42"** **concave**

If removable, bolts used

Other fastenings

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

(Describe or Attach Sketch)

7. Constructed for **Int** pressure of **250** psi. Max. Temp. **150 F.** Subzero **-20** F. Hydrostatic Test **500** psi.

8. SAFETY VALVE OUTLETS: Number **2** Size **3"** Location **Top**

9. NOZZLES:

Purpose (Inlet, Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
<b>Liquid</b>	<b>3</b>	<b>3" Pipe</b>	<b>Fls. Opls.</b>	<b>Case 1804-9</b>			<b>welded</b>
<b>Vapor</b>	<b>2</b>	<b>2"</b>					
<b>Liq. Lev.</b>	<b>1</b>	<b>1"</b>					
<b>Gauges</b>	<b>1</b>	<b>1"</b>					
<b>Vent</b>	<b>1</b>	<b>3/4"</b>					

10. Inspection Manholes, No. **1** Size **15"** Location **End** **Case 1804-9 Welded**

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

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

11. SUPPORTS: Skirt \_\_\_\_\_ Legs \_\_\_\_\_ Legs \_\_\_\_\_ Other **steel cradles** Attached **bottom welded**  
 (Yes or No) (Number) (Number) (Describe) (Where & How)

12. REMARKS: **1959 Code Straight Barrel Transport**

(Brief description of purpose of the vessel, as Air Tank, After Cooler, Jacketed Cooler, etc.)

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

Date **10-31** 19 **62** Signed **LUBBOCK MANUFACTURING CO.** **J. H. Rogers**  
 (Manufacturer) **BH**

Certificate of Authorization Expires **Dec. 31, 1964**

**CERTIFICATE OF SHOP INSPECTION**

Inspection Agency's Serial No. **Ocean 7680**

VESSEL MADE BY **LUBBOCK MANUFACTURING COMPANY** at **LUBBOCK, TEXAS**

I, the undersigned, holding a Certificate of Competency as an Inspector of Boilers and Unfired Pressure Vessels in THE STATE OF **Texas** and employed by **Commercial Union--Ocean Group** of **New York, NY.**

inspected internally and externally, the vessel described in this report on **10-31** 19**62**, 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 **10-31** 19 **62**

**George Chisum**  
 Inspector's Signature

Commissions **Nat'l Bd. #2234**  
 State or Nat'l Bd. & Number