



MAR 13 1975

AFFIDAVIT OF MANUFACTURER

MANPOWER AND LABOUR  
Boilers Branch

COVERING BOILER OR PRESSURE VESSEL

PURCHASE ORDER No. ....

As Approved by the Boiler & Pressure Vessel Committee of the C.S.A.

Upon shipment of Boiler or Pressure Vessel this form fully and correctly filled in and attested to must be mailed to the office of the Chief Inspector in the province of installation in accordance with the regulations under the Act governing the construction and installation of boilers and pressure vessels, otherwise the use of same may be prohibited or the working pressure severely penalized.

1. Manufactured by **BLACK, SIVALLS & BRYSON LIMITED, 6203-104 STREET, EDMONTON, ALBERTA**  
 Manufactured for **MESA PETROLEUMS (NA) LTD #500- ONEBOW VALLEY SQUARE, CALGARY, ALTA.**  
 Ultimate owner **MESA PETROLEUMS**  
 Location of installation **FOR HOTCHKISS AREA, ALBERTA**
2. Type of boiler or pressure vessel **ABSORBER** Mfg. Serial No. **74405-001**  
 Provincial Registration No. **C-1684.2** Drwg. No. **34S-CL-9774**  
 To be used for: (Air, CO<sub>2</sub>, Propane, Ammonia, Steam, Hot Water, etc.) **HYDROCARBONS**
3. Dia. **30" O.D.** Overall length **19'-6"** Cu. ft. capacity **44** Heating surface **-** sq. ft.
4. Were test reports checked on all plates used in the fabrication of this vessel? **YES**  
 Does all material meet A.S.M.E. Code requirements? **YES**  
 A.S.M.E., A.S.T.M. or other material specification No. **A-516-70/A-515-70** Tensile strength **70,000**
5. Fabrication to A.S.M.E. Code, Para. No. **1974** Preheat **-** ° F Postheat **NO** X.R. **COMPLETE**  
 Are the following records on mig's files? X-ray films **YES** Postweld heat procedure **NO** (Yes or No) (Spot or Complete)  
 Were X-ray films examined and found to meet Code requirements? **YES**
6. Welders employed upon vessel.

| Name of welders and Province or State in which qualified | Identifying Symbol | Date of last weld test | Qualified for welding under Code Para. <b>1x</b> | Name of Inspector supervising tests | National Board No. |
|--|--------------------|------------------------|--|-------------------------------------|--------------------|
| <b>T. VERMETTE</b>                                       | <b>M</b>           | <b>JAN. 1975</b>       | <b>PROV. B</b>                                   | <b>B. HURST</b>                     |                    |
| <b>E. J. BELL</b>  | <b>4</b>           | <b>JULY 1974</b>       | <b>1x</b>  | <b>M. BLACKBURN</b>                 |                    |
| <b>M. FORTIN</b>   | <b>B</b>           | <b>JULY 1974</b>       | <b>PROV. B.</b>                                  | <b>B. HURST</b>                     |                    |
| <b>L. WOURMS</b>   | <b>T</b>           | <b>AUTO WELD</b>       |  |                                     |                    |

Does all welding on this vessel and the testing of coupons where required meet A.S.M.E. Code requirements? **yes**

| NAME OF PART         | Temperature of Testing Medium | Final test psi. | Maximum working pressure psi. | Maximum operating temperature degrees F. |
|----------------------|-------------------------------|-----------------|-------------------------------|--|
| <b>ENTIRE VESSEL</b> | <b>60°F</b>                   | <b>2030</b>     | <b>1200</b>                   | <b>100</b>                               |

Did the hydrostatic tests fully conform to Code requirements? **YES**

8. Boiler rating, max-steaming capacity (rated B.T.U. hr. output for hotwater boilers)

9. SAFETY VALVES

| No. of valves          | Maker's Name, Trade Mark or Type No. | Provincia Registration No. | Inlet Diameter | Seat Diameter | Set to relieve at psi. | Free discharge area | Capacity lbs. per hour |
|------------------------|--------------------------------------|----------------------------|----------------|---------------|------------------------|---------------------|------------------------|
| <b>TO BE INSTALLED</b> |                                      |                            |                |               |                        |                     |                        |

Does safety valve stamping, blow-down adjustment, etc., meet A.S.M.E. requirements?

10. Actual minimum stamping of the vessel shall conform to the following and shall be reproduced here: **FOR POWER & HEATING BOILERS** (on attached plate for cast iron)

Canadian Registration number \_\_\_\_\_ C.R.N. \_\_\_\_\_  
National Board number (if manufactured in U.S.A.) \_\_\_\_\_ Nat. Bd. \_\_\_\_\_  
Manufacturer and manufacturer's serial number \_\_\_\_\_  
Plate mfg's initials, spec. No. and tensile strength (Stelco, SA 285 etc.) \_\_\_\_\_ T.S. \_\_\_\_\_  
Maximum working pressure \_\_\_\_\_ (for S and W if both) Max. W.P. \_\_\_\_\_ p.s.i. Temp. \_\_\_\_\_ °F.  
Effective heating surface and year built (1967 etc.) \_\_\_\_\_ H.S. \_\_\_\_\_ Sq. Ft. \_\_\_\_\_ 19 \_\_\_\_\_  
Initials of authorized shop inspector \_\_\_\_\_

**UNFIRED PRESSURE VESSEL-**

Canadian Registration number \_\_\_\_\_ C.R.N. **C-1684.2**  
National Board number (if manufactured in U.S.A.) \_\_\_\_\_ Nat. Bd. \_\_\_\_\_  
Manufacturer and manufacturer's serial number \_\_\_\_\_ Sr. No. **74405-001**  
Plate mfg's initials, spec. No. and tensile strength (Stelco, SA 285 etc.) **A-516-70/A-515-70** T.S. **70,000**  
Maximum working pressure and temperature \_\_\_\_\_ Max. W.P. **1200** p.s.i. Temp. **100** °F.  
Thickness of shell and heads \_\_\_\_\_ T. Shell **1.125"** T. Heads **1.125"**  
Code paragraph number and year built (1967 etc.) \_\_\_\_\_ U.W. **12 (a)** 19 **75**  
Initials of Authorized Shop Inspector \_\_\_\_\_



11. I HEREBY DECLARE that the foregoing statements, having reference to Vessel bearing manufacturer's Serial No. **74405-001**

built by **BLACK, SIVALLS & BRYSON LIMITED** of **6203-104 STREET, EDMONTON, ALBERTA**  
and completed on the **5TH** day of **FEBRUARY**, 19 **75** are in all respects correct and true, and  
that the said Vessel has been built in accordance with Provincial registered design No. **C-1684.2**  
and that it complies fully with the A.S.M.E. Code and regulations of the Province of Installation under the Act governing the

construction of boilers and pressure vessels.

Sworn before me at **EDMONTON**  
in the Province (or State) of **ALBERTA**  
this **5TH** day of **FEBRUARY**, 19 **75**

*B. Shand*  
A Commissioner for Oaths, J.P. or N.P.

My commission expires **22 April 1975**

Signed *Leo Hengst* Shop Foreman.  
For **BLACK, SIVALLS & BRYSON LIMITED**  
**6203-104 STREET**  
**EDMONTON, ALBERTA**  
Firm Name and Address.

12.

**CERTIFICATE OF SHOP INSPECTION**

I, the undersigned, a duly authorized Inspector of Boilers and Pressure Vessels employed by  
**THE PROVINCE** of **ALBERTA**

do hereby certify that the foregoing statements are correct and that the material, construction and work-  
manship are in accordance with the A.S.M.E. Code.

Date **FEBRUARY 5, 1975** Signed *B. Shand* Provincial or National Board Inspector. No. \_\_\_\_\_

**TO BE FILLED IN BY ALBERTA INSPECTOR**

13. Received \_\_\_\_\_, 19 \_\_\_\_\_ Inspector's Pressure Vessel No. (A) **80909**

Checked \_\_\_\_\_, 19 \_\_\_\_\_

I have allowed a working pressure of \_\_\_\_\_ p.s.i. at \_\_\_\_\_ °F. Shell side.  
\_\_\_\_\_ p.s.i. at \_\_\_\_\_ °F. Tube side.

and have issued Certificate No. \_\_\_\_\_ therefor.

Vessel owned by \_\_\_\_\_

Remarks \_\_\_\_\_

(Signature of Alberta Inspector.)