

JOB 4013

A139701

FORM U-1A MANUFACTURERS' DATA REPORT FOR PRESSURE VESSELS JOB # F6315 (Alternate Form for Single Chamber, Completely Shop-Fabricated Vessels Only) SER # C6513 As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1 @139701

1 Manufactured by CESSCO FABRICATION & ENGINEERING, 7310-99th Street, EDMONTON, Alta.
2 Manufactured for FRONTIER ENG & CONSULTING LTD, 402-605 - 7th St S.W., CALGARY
3 Location of Installation 7-14-47-26 West of 4 Mer.
4 Type HORIZONTAL C6513 D5887.2 S3918 (Year Built) 1980
5 The chemical and physical properties of all parts meet the requirements of material specifications of the ASME BOILER AND PRESSURE VESSEL CODE. The design, construction, and workmanship conform to ASME Rules, Section VIII, Division 1 1977 and Addenda to WINTER 79 and Code Case Nos.

Special Service per UG-120(d)
Manufacturers' Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report:

6 Shell: Matl. SA-516-70 Nom. Thk. 1905 mm 0 2133.6mm 10,000 mm S/S
7 Seams: Long. WELDED DOUBLE BUTT R.T SPOT Efficiency 85 % H.T. Temp. F Time hr
Girth WELDED DOUBLE BUTT R.T SPOT No. of Courses 5
8 Heads: (a) Material SA-516-70 (b) Material SA-516-70

Table with 10 columns: Location, Min Thk, Corr Allow, Crown Radius, Knuckle Radius, Ellipse Ratio, Conical Apex Angle, Hemisph Radius, Flal Diam, Side to Pressure. Row 1: ENDS, 11.11, 0, , , , , 1067, , CONCAVE

If removable, bolts used (describe other fastenings)

9 Constructed for max. allowable working pressure 250 psi 1723 kpa psi at max. temp. 370 C 698 F. Min. temp. (when less than -20 F)
10 Safety Valve Outlets: Number Size Location ON PIPING

11 Nozzles and Inspection Openings:

Table with 9 columns: Purpose, No, Diam or Size, Type, Matl, Nom Thk, Reinforcement Matl, How Attached, Location. Row 1: SEE DRAWING

12 Supports: Skirt Lugs Legs Other 2 Saddles Attached Welded to Pads on Shell

13 Remarks: 39.75 M^3, PROPANE STORAGE TANK

CERTIFICATE OF COMPLIANCE
We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME Code for Pressure Vessels, Section VIII, Division 1.
Date April 8/80 Signed CESSCO by [Signature]
"U" Certificate of Authorization No. 4546 expires SEPTEMBER 30th, 1981
CERTIFICATE OF SHOP INSPECTION
Vessel made by CESSCO at EDMONTON
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of ALBERTA and employed by BOILERS BRANCH, have inspected the pressure vessel described in this Manufacturers' Data Report on [Date], 19 [Year], and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME Code, Section VIII, Division 1. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied concerning the pressure vessel described in the Manufacturers' Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.
Signed [Signature] Date 80-4-9 Commissions [Signature]