

A/46844

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

A/46844

1. Manufactured by KML Custom Fabricators, 9325-51 Avenue, Edmonton, Alberta. T6E 4W8.
2. Manufactured for Mesa Petroleum Ltd 5th floor, 202-6 ave S.W. Calgary, Alberta.
3. Location of installation Chinchaga Gas Plant
4. Type Vertical (Ident. or vert. tank) 73-087-5C D-3193.2 D-1787-5A (Year Built) 1979
 (Mfg. Serial No.) (CRN) (Drawing No.) (Nat'l Bld No.)
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 June 30/79 and Code Case Nos.

Special Service per UG-120(d) _____ (Date)

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 Norm. Thk. 88.5 Corr. Allow. 1.58 Diam. 1677 Lgth. 8992
 (Spec. no. Grade)
7. Seams: Lorig. DBW R.T. Full (Spot or Full) Efficiency 100 % H.T. Temp. 621 Time 150 min
 (Welded, Dbl. Sngl. Lap. Butt) (Spot or Full)
- Girth DBW R.T. Full (Spot Partial or Full) No. of Courses 3
 (Welded, Dbl. Sngl. Lap. Butt)
8. Heads: (a) Material SA-516-70 (Spec No. Grade) (b) Material SA-516-70 (Spec No. Grade)
 (Welded, Dbl. Sngl. Lap. Butt)

Location (Top, Bottom, Ends)	Min. Thk. (Allow)	Corr. Allow.	Ellipse Ratio	Ellipse Angle	Remanish Radius	Flat Diam.	Safe to Pressure Distance of Corners
(a) Top	69.27	1.58	2:1				Concave
(b) Bottom	69.27	1.58	2:1				Concave

If removable, bolts used (describe other fastenings)

9. Constructed for max. allowable working pressure 9481 KPA at max. temp. 343 °C Min. temp. (when less than -20 F)
 F. Hydrostatic, pneumatic, or combination test pressure 14225 KPA

10. Safety Valve Outlets: Number _____ Size _____ Location _____

11. Nozzles and Inspection Openings:

Purpose (Inlet, Outlet, Drain)	No.	Type	Matl.	Thk.	Reinforcement Matl.	How Attached	Location
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See drawing D-1787-5A

12. Supports: Skirt _____ Yes _____ Lugs _____ (No.) _____ Legs _____ Other _____
 (Yes or no)
13. Remarks: Vertical Dehydrator Attached _____ (Describe) _____
Cap. 21.08 (Where and how)
- All dimensions in millimetres

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 Oct-23/79 Signed KML Custom Fabricators by D. Campbell (Representative)

"U" Certificate of Authorization No. 12345 expires August 28, 19 80

CERTIFICATE OF SHOP INSPECTION

Vessel made by KML Custom Fabricators at Edmonton,
 I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of Alberta and employed by Boilers Branch have inspected the pressure vessel described in this Manufacturers' Data Report on _____ 19 _____ 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 J. W. Foster Date 7.11.21 Commissions (Inspector) (Nat'l Board, State, Province and No.)