A146858

FORM U-1A MA. FACTURERS' DATA REPORT FOR PRESS E 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)146858

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 (Horiz. or vert. tank) 79-087-5B (Mfgr's Serial No.) D-3193.2 (CRN) D-1787-5A (Drawing No.) (Nat'l Bd No.) (Year Built) 1979
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 (Year) and Addenda to June 30/79 (Date) 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 (Spec. No., Grade) Nom. Thk. 88.5 Corr. Allow. 1.58 Diam. 1677 Lgth. 8992
7. Seams: Long. DBW (Welded, Dbl. Sngl. Lap. Butt) R.T. Full (Spot or Full) Efficiency 100 % H.T. Temp 621 Time 150 min.

Girth DBW (Welded, Dbl. Sngl. Lap. Butt) R.T. Full (Spot, Partial or Full) No. of Courses 3

8. Heads: (a) Material SA-516-70 (Spec. No., Grade) (b) Material SA-516-70 (Spec. No., Grade)

Location (Top, Bottom, Ends)	Min. Thk.	Corr. Allow.	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diam.	Depth of Dish (Inside, Outside)
(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 @ max. temp 343 °C Min. temp (when less than -20 F) Material Spec. No. Gr. Size No.
10. Hydrostatic, pneumatic, or combination test pressure 14225 KPA
11. Safety Valve Outlets Number Size Location
12. Nozzles and Inspection Openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location

See drawing D-1787-5A

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

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 22/79 Signed KML Custom Fabricators (Manufacturer) by David Owen (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 (Inspector) Date 79.12.7 Commissions (Nat'l Board, State, Province and No.)

(176) This form is obtainable from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017