

A146071

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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 APR 10 1978

- 1. Manufactured by Kaps Manufacturing Ltd., 9325-51 Avenue, Edmonton, Alberta
- 2. Manufactured for Amerada Minerals Corp. of Canada Ltd., 540-5th Ave. S.W. Calgary
- 3. Location of installation Horiz. 78-389-81 Vike 0840.33
- 4. Type Horiz. (Drawing No.) D-1587-1 (Year Built) 78
- 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 1974 and Addenda to 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. SA516-70 Nom. .375 in. Allow. .125 in. Diam. 54 ID in. Lgth. 17 ft 11 in. O/A
- 7. Seams: Long. Welded Sngl Butt R.T. Full Efficiency 100 % H.T. Temp. 1100 F Time 25 MIN.

Girth Welded Sngl Butt R.T. (Spot, Partial, or Full) No. of Courses 2
SA516-70 (b) Material (Spec. No., Grade) SA516-70

Location	Min. Thk.	Corr. Allow.	Crown Radius	Knuckle Radius	Ellipse Ratio	Conical Apert Angle	Hemiph. Radius	Flat Diam.	Side to Pressure (Convex or Concave)
(a) End	.4375"	.125"		2:1					CONCAVE
(b) End	.4375"	.125"		2:1					CONCAVE

If removable, bolts used (describe other fastenings)

- 9. Constructed for max. allowable working pressure 15.0 psi at max. temp. 100 F. Min. temp. (when less than -20 F) _____ F. Hydrostatic, pneumatic, or combination test pressure 22.5 psi.

- 10. Safety Valve Outlets: Number _____ Size _____ Location _____
- 11. Nozzles and Inspection Openings: _____

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

See KML D-1587-1 Rev. 4

- 12. Supports: Skin (Yes or no) _____ Lugs (No.) _____ Legs (No.) _____ Saddles (Describe) _____ Attached Shell-Welded (Where and how) _____
- 13. Remarks: _____

HORIZ. GROUP SEPARATOR
Capacity 262 Cu. Ft.

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 March 7 78 Signed Kaps Manufacturing Ltd (Representative) expires August 19 80

"U" Certificate of Authorization No. _____

CERTIFICATE OF SHOP INSPECTION

Vessel made by KAPS MANUFACTURING LTD. at 9325-51 Avenue, Edmonton, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors under the State or Province of ALBERTA and employed by PROVINCE and state that pressure vessel described in this Manufacturers' Data Report on 7/1/78 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] (Inspector) Date 7/1/78 Commissions (Nat'l Board, State, Province and No.) _____