

FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS A 185883
 (Alternative Form for Single Chamber, Completely Shop-Fabricated Vessels Only)
 As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1
 Job # 21-1314

A 185883

1. Manufactured and certified by Western Rock Bit Co. Ltd., 510-77th Ave., S.E., Calgary, Alta. T2H 1X3
 (Name and address of manufacturer)

2. Manufactured for Imperial Oil Ltd., P.O. Box 2356, Edmonton, Alta. T5J 2R5
 (Name and address of purchaser)

3. Location of installation to Be Advised

4. Type Horizontal (Name and address) (Drawing No.) (Part. No.) (Year built)
 27120 A 9156.3214 8411-30D 1985

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
1983
 to Summer, Sept 30th, 1984. (Year)

6. Shell: SA516-70 (Matl. Spec. No., Grade) 23.61 (Nom. Thk. (mm)) Ni1 (Corr. Allow. (mm)) 3277 (Diam. I.D. (mm)) 19990 (Length (overall) (mm))
 Special Service per UG-120(a)

7. Seams: Welded, Db1, Butt (Long. Riveted, Db1, Sing., Lap, B mt) Full (R.T. (Spot or Full)) 100 (Eff. (N)) 100 (Time (hr)) Welded, Db1, Butt, Partial (R.T. (Spot, Partial, or Full)) 6 (No. of Courses)

8. Heads: (a) Matl. SA516-70 (Spec. No., Grade) (b) Matl. _____ (Spec. No., Grade)

Location (Top Bottom, Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a) Ends	13.79mm	N11					1638 mm		Concave
(b)									

If removable, bolts used (describe other fastenings) _____ (Matl., Spec. No., G., Size, No.)

9. MAWP 1724 (kPa ac max. temp. 65.5 °C) (Where and item)

Min. temp. (when less than -30°C) _____ kPa ac max. temp. 2586 °C. Hydro., pneu., or comb. test pressure _____ kPa

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location
Manway	1	406.4	Flange	SA516-70	CL250	Welded	Welded	Head
Liq. Out	2	88.9	F. Cplg	SA105	CL6000		Welded	Shell
Liq. In	2	60.3	HF. Cplg	SA105	CL3000		Welded	Shell
/Continued on U-4 Form.								

11. Supports: Skirt No (Type and no.) No (No.) No (No.) Legs No (No.) Other Saddles (Description) Attached Shell Welded. (Where and item)

12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report: _____ (Name of part, item number, Mfg't. name and identifying stamp)

159.7 m³ LPG/NH3 Storage Tank
Surface Area 210 m²

CERTIFICATE OF SHOP 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. "U" Certificate of Authorization No. 13-551 issued July 19, 1986.
 Date 25.05.05 Co. name Western Rock Bit Co. Ltd. (Manufacturer) Signed [Signature] (Inspector)

Vessel constructed by Western Rock Bit Co. Ltd. at 1026 Western Drive, Crossfield, Alta.
Alberta and employed by Provincial Government.
 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 _____, 1985, 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 this Manufacturer's 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.
 Date 25.05.06 Signed [Signature] (Inspector) _____ (Manufacturer) _____ (Commissioner)

(10/83) This form (E171SI) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

