

A172957
0928**FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS**
(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 # 21-1347

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 International Atlantis Resources Ltd., #600, 707-7th Ave. S.W., Calgary, Alta.
(Name and address of purchaser)
3. Location of installation International Atlantis Resources, Trochu Plant, Trochu, Alta.
(Name and address)
4. Type Horizontal 27134A 9156.3214 8505-14D 1985
(Horiz. or vert., tank) (Mfr's serial No.) (CRN) (Drawing No.) (Year built)
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 Winter, March 31st, 1985. (A) 172957
(Addenda (Date)) (Code Case Nos.) (Special Service per UG-120(d))

6. Shell: SA516-70 23.6 nil 3276.6 19990
(Matl. (Spec. No., Grade)) (Nom. Thk. (mm)) (Corr. Allow. (mm)) (Diam. I.D. (mm)) (Length (overall) (mm))
7. Seams: Welded, Db1. Butt Full 100 Welded, Db1. Butt Partial 6
(Long. (Welded, Db1., Snlg. Lap, Butt)) (R.T. (Spot or Full)) (EW. (%)) (H.T. Temp. (°C)) (Time (hr)) (Girth (Welded, Db1., Snlg. Lap, Butt)) (R.T. (Spot, Partial, or Full)) (No. of Courses)
8. Heads: (a) Matl. SA516-70 (b) Matl. SA516-70
(Spec. No., Grade) (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)	End	13.79mm	Nil					1:1		Concave
(b)	End	13.79mm	Nil					1:1		Concave.

If removable, bolts used (describe other fastenings) _____

(Matl., Spec. No., Gr., Size, No.)

9. MAWP 1724 kPa at max. temp. 66° °C
Min. temp. (when less than -30°C) _____ °C. Hydro., pneu., or comb. test pressure 2586 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
Liq. Out	1	88.9mm	F.Cplg	SA105	CL6000		Welded	Shell
Liq. In	1	60.3mm	H.Cplg	SA105	CL6000		Welded	Shell
Vap. c/w	1	60.3mm	F.Cplg	SA105	CL3000		Welded	Shell
Riser		Continued on U-4 Form.						

11. Supports: Skirt No Lugs No Legs No Other 2 Saddles Attached Shell Welded.
(Yes or no) (No.) (No.) (No.) (Describe) (Where and how)

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, Mfr's name and identifying stamp)

159.7 m³ LPG/NH³ Storage Tank
Surface Area = 210 m²
Registration Dwg. # 8411-30D.

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 expires July 19, 1986.
Date August 9, 1985 Co. name Western Rock Bit Co. Ltd. Signed _____
(Manufacturer) (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by Western Rock Bit Co. Ltd. at 1026 Western Drive, Crossfield, Alta.

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State Province of Alberta and employed by Provincial Government.

have inspected the component described in this Manufacturer's Data Report on 9 August, 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 85-08-09 Signed _____ Commissions _____
(Authorized Inspector) (Nat'l Board (incl. endorsements), State, Prov. and No.)

FORM U-4 M...UFACTURER'S DATA REPORT SUPPLEMENTARY SHEET

As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1 Job # 21-1347

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3. Location of installation International Atlantis Resources, Trochu Plant, Trochu, Alta.
(Name and address)
4. Type Horizontal 27134 A 9156.3214 8505-14D 1985
(Manufacturer's name) (Manufacturer's serial No.) (CRRI) (Draw) (Nat'l. Bd. No.) (Year built)

Data Report

Item Number

Remark 1

[illegible]

Date August 9th, 1985 Co. name Western Rock Bit Co. Ltd. Signed _____
(Manufacturer) (Representative)

Date 85-08-09 Signed [Signature] Commissions _____
(Authorized Inspector) [Natl. Board (incl. endorsements), State, Prov., and No.]