

FORM U-1A M. 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

(A) 138937

Job # 21-2356

1. Manufactured and certified by Western Rock Bit Co. Ltd., 1026 Western Drive, Crossfield, Alta. T0M 0S0  
 (Name and address of manufacturer)

2. Manufactured for APL Oil & Gas Ltd., Atkinson Petroleum, 300, 2924-11th St N.E., Calgary, Alta. T2E 7L7  
 (Name and address of purchaser)

3. Location of installation L.S.D. 14-5-55-11 West of the 5th Meridian.  
 (Name and address)

4. Type Horizontal Tank 28250 A A7564.2 8606-34D Rev. 0 (Drawing No.) 1987  
 (Model or serial No.) (Date)

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, 1986  
 Year

10. 1986 Special Service per UG 136(a)

6. Shell: SA516-70 9.294" (23.61mm) Nil 10' 9" (3277mm) 73' 4" (22,352mm)  
 Matl. (Spec. No., Grade) Nom. Thk. (in.) Cor. Allow. (in.) Diam. I.D. (ft. & in.) Length Overall (ft. & in.)

7. Seams: Welded Dbl. Butt Full 100% Nil Nil Welded Dbl. Butt Spot (uwlja.5b)\* 8  
 Long. Welded, Dbl. Sp. Lap Butt. R.T. (Spec. or Full) H.T. Temp. (°F) Time (hr) Girth (Welded, Dbl. Sp. Lap Butt) R.T. (Spec. Partial or Full) No. of Courses

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

Location (Top Bottom)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispheric Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a) Ends	5/16" (13.2mm)	Nil				5' 4" (1639mm)			Concave
(b)									

If removable, bolts used (describe other fastenings):

9. MAWP 250 Psi ( 1724 Kpa) psi at max. temp. 115°F (46°C) of Min. temp. (when less than -20°F) 0 °F. Hydro., pneu., or comb. test pressure 375 Psi ( 2586Kpa) psi.

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet Outlet Drain)	No	Diam or Size	Type	Matl	Nom. Thk.	Reinforcement Matl	How Attached	Location
Liquid In	1	2 NPS	RFWN	SA106B & SA105	Std		Welded	
Relief	2	4 NPS	RFWN	SA106B & SA105	Std	SA516-70	Welded	
Liquid Out	1	4 NPS	RFWN	SA106B & SA105	Std	SA516-70	Welded	
Continued on U-4 Form.								

11. Supports: Skirt No Lugs No Legs No Other Saddles (2) Attached Welded to Shells  
 (Yes or No) (Number)

12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report:

54,600 USWG (206.2m³) LPG Storage Vessel  
Surface Area = 2875 sq.ft. (267.08m²)  
Heads formed to UGS 79  
 \* Heads spot radiography and Heads to shell circs full radiography.

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, 1989  
 Date 8/22/86 Co. name Western Rock Bit Co. Ltd. Signed [Signature] (Representative)

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

I have inspected the component described in this Manufacturer's Data Report on July 7, 1986, 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 July 7, 86 Signed [Signature] (Authorizing Inspector) ALTA (Manufacturer) ALTA (Commission) ALTA (State or Province)

