

A218152
Dec 13/84
OE # 21 1238

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

1. Manufactured and certified by Western Rock Bit Co. Ltd., 510-77th Ave. S.E., Calgary, Alberta T2M 1X3
(Name and address of manufacturer)
2. Manufactured for Numac Oil & Gas Ltd. c/o Rientues.&Assoc.Ltd. 10428-123 St.Edmonton T5N1N7
(Name and address of purchaser)

3. Location of installation Numac Oil & Gas Ltd. Tangent Gas Processing Plant 13-29-80-23-W5 Alberta
(Name and address)
4. Type MORIZ. (Drawing No.) 8409-20D (Plate No.) 1984
(Plate No., Unit)

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
Year

6. Shell: SA516-70 (Plate No. Grade) 19.18 (Nom. TH (mm)) 1.6 (Corr. Allow (mm)) 2438.4 (Diam. I.D. (mm)) 16027 (Length (mm))
(Spec. No. Grade) (Spec. No. Grade) (Spec. No. Grade) (Spec. No. Grade)

7. Seams: Welded, Dbl. Butt Full (RT Emitter or Full) 100 (RT Temp. (°C)) Time (hr) welded, Dbl. Butt Partial (RT Emitter or Full) 5 (RT Emitter or Full) (Spec. No. Grade)

8. Heads (a) Metall. (Spec. No. Grade) (b) Metall. (Spec. No. Grade)

Location (Top Bottom Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Spherical Ratio	Conical Apex Angle	Hemispherical Radius	Flare Diameter	Side to Pressure (Convex or Concave)
(a) Ends	19.05				2:1 S.E.				CONCAVE
(b)									

If removable, bolts used (describe other fastenings) _____
9. MAWP 1724 kPa at max. temp. 49 °C
Min. temp. (when less than _____ °C Hydro. pres., or comb. test pressure _____ kPa

10. Nozzles, inspection and safety valve openings:
Name of part, nom. number, size, name and identifying marks

Purpose (Inlet Outlet Drain)	No	Diam or Size	Type	Metl	Nom TH	Reinforcement Metl	How Attached	Location
Manway	1	610	RWN	SA105.SA106	12.7mm	SA516-70	welded	shell
Inlet	1	60.3	"	"	8.7mm	"	"	"
Outlet	1	114.3	"	"	8.5	SA516-70	"	"
Continued on U4 Form								
11. Supports Skin	NO	Lugs	2	Legs	NO	Other saddles	Attached	shell welded

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, nom. number, size, name and identifying marks

72.7 m³ LPG Storage Tank (19,200 USWG)
Surface Area 130.5 Sq. Meter

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 1986.
Data SA11113 Co. name Western Rock Bit Co. Ltd. Signed [Signature]

Vessel constructed by Western Rock Bit Co. Ltd. at 1026 Western Drive Crossfield, 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 _____ and employed by _____
have inspected the component described in this Manufacturer's Data Report on Dec 13, 1984, 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 personnel injury or property damage or a loss of any kind arising from or connected with this inspection.
Data Dec 13/84 Signed [Signature] (Authorized Inspector)

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FORM U-4 MANUFACTURER'S DATA REPORT SUPPLEMENTARY SHEET JOB # 21-1238
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

- 1. Manufactured and certified by Western Rock Bit Co. Ltd. 510-77th Ave. S.E. Calgary, Alta. J2N1X3
- 2. Manufactured for Numac Oil & Gas Ltd. c/o Rientues & Assoc. Ltd. 10428-123 St. Edmonton T5N1N7
- 3. Location of installation Numac Oil & Gas Ltd. Tangent Gas Processing Plant 13-29-80-23-W5 Alberta
- 4. Type Horiz. 26971A E8283.2 8409-20D 1984

Date Report _____
Item Number _____

PURPOSE	NO.	DIA. OR SIZE	DIA. OR SIZE	TYPE	MAT'L	NOM. TMK.	HOW ATTACHED	LOCATION
Drain/Blind	2	50.3	RFWN	SA105	SA106	8 7mm	welded	shell
Blowdown	1	50.3	RFWN	SA105	SA106	8 7mm	"	"
Relief	2	88.9	RFWN	SA105	SA106	7 6mm	SA516 70 "	"
Vapour Return	1	114.3	RFWN	SA105	SA106	8 5mm	SA516 70 "	"
Bridle	2	88.9	RFWN	SA105	SA106	7 6mm	SA516 70 "	"
Spare	1	50.3	"	"	"	8 7mm	"	"
P.I.	1	21.3	F.cplg	"	"	CL6000	"	"
T.W.	1	26.7	F.cplg	"	"	CL6000	"	"

Date 84.12.13 Co. name Western Rock Bit Co. Ltd. Signed [Signature]
 Date Dec 13/84 Signed [Signature] Comments _____

This form (E11851) is available from the Order Dept., ASME, 345 E 47 St., New York, N.Y. 10017