

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

(A) 3055474

1. Manufactured and certified by PROCESS INDUSTRIES INC. 803-24TH AVE. S.E. CALGARY, ALBERTA T2G 1P5
(Name and address of manufacturer)
2. Manufactured for Ranchman's Resources Ltd., 300, 1601 Westmount Rd. N.W., Calgary, AB T2N 3M2
(Name and address of purchaser)
3. Location of installation 9-16-40-8 W4M
(Name and address)
4. Type Horizontal 94-C2883-3000 M6442.2 C2884-3000 Rev.4 -- 1994
(Model or code, tank) (Mfg.'s serial No.) (CRN) (Drawing No.) (Net Wt. Bd. 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. 1992
Year
- to A93
Addenda (Date)
6. Shell: SA-516-70 .375"/9.52mm 0 120"OD/3048mm 40'-0"/12192mm s/s
(Mat. (Spec. No., Grade)) (Nom. Thk. (in.)) (Corr. Allow. (in.)) (Diam. I.D. (ft. & in.)) (Length (overall) (ft. & in.))
7. Seams: Welded-Dbl.-Butt Full 100% N/A N/A Welded-Dbl.-Butt Full 4
(Long. (Welded, Dbl., Sngl. Lap, Butt)) (R.T. (Spot or Full)) (EN. (ft.)) (H.T. Temp. (°F)) (Time (hr)) (Girth (Welded, Dbl., Sngl. Lap, Butt)) (R.T. (Spot or Full)) (No. of Courses))
8. Heads: (a) Matl. SA-516-70 (b) Matl. SA-516-70
(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 Ma	460/11.68	0	--	--	2:1 SE	--	--	--	Concave
(b)	END Mb	430/10.92	0	--	--	2:1 SE	--	--	--	Concave

If removable, bolts used (describe other fastenings)

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

9. MAWP (689 KPA) 100 psi at max. temp. (60°C) 140 °F
Min. design metal temp. (-7°C) 20 °F at (689KPA) 100 psi. Hydro., pneu., or comb. test pressure (1034 KPA) 150 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
Manway	3	24"	RFSO	SA-106-B	.500	SA-516-70	Weld	Heads/Shell
Inlet/Outlet	2	10"	RFWN	SA-106-B	.500	SA-516-70	Weld	Shell
Oil Outlet	3	3"	RFWN	SA-106-B	.300	Integral	Weld	Shell
Gasout/L.C.	3	3"	RFWN	SA-106-B	.300	Integral	Weld	Shell

11. Supports: Skirt NO Lugs 2 Legs 0 Other Saddles Attached Weld-Shell
(Yes or no) (No.) (No.) (Description) (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, Mfg.'s name and identifying item)

VOLUME: 3380 Ft³ (95.71M³) Impact Test Exemption Per UG20(f)
TAG NO: V-130 Construction Drawing C2883-3000 REV.4
VESSEL TYPE: Free Water Knockout FOR NON-CORROSIVE SERVICE

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. 24,898 expires JUNE 25, 1996.
Date Jan 9, 95 Co. name PROCESS INDUSTRIES INC. Signed [Signature]
(Manufacturer) (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by PROCESS INDUSTRIES INC. at CALGARY, ALBERTA, CANADA

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 ALBERTA LABOUR - BOILER AND PRESSURE VESSEL SAFETY

have inspected the component described in this Manufacturer's Data Report on Jan 11, 19 95, 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 Jan 11, 95 Signed [Signature] Commissions ALBERTA #11
(Authorizing Inspector) (Name: Board (and endorsement), State, Prov. and No.)

This form may be obtained from The National Board of Boiler and Pressure Vessel Inspectors, 1000 ...