

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

2964902
N.S.A. Flegg
2860

1. Manufactured and certified by R.J.V. Gas Field Services Ltd., 4901-47 Street, Vegreville, AB T9C 1C3
(Name and address of manufacturer)

2. Manufactured for R.J.V. Gas Field Services Ltd., 4901-47 Street, Vegreville, AB T9C 1C3
(Name and address of purchaser)

3. Location of installation Stock
(Name and address)

4. Type Vertical 2793 K0370.2 V90-302 N/A 1994
(Horiz. or vert. tank) (Mfg's serial No.) (CRM) (Drawing No.) (Mater. Id. 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 Edition
Year

to 1993 Addenda N/A N/A
Addenda (Date) Code Case Nos. Special Service per UG-120(d)

6. Shell: SA-516-70 .875" (22.22) .063" (1.6) 18.26" (464 mm) 96" (2438 mm)
Mat. (Spec. No., Grade) Nom. Thk. (in.) Cor. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)

7. Seams: Long'l S.W.B. Full 100% --- --- Circ. S.W.B. Spot UW 11(a)5(b) 2
Long. (Welded, Obl., Sngl., Lap, Buttl) R.T. (Spot or Full) EN. (%) H.T. Temp. (°F) Time (hr) Circ. (Welded, Obl., Sngl., Lap, Buttl) R.T. (Spot, Partial, 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)	Top	.937" (23.8)	.063" (1.6)			2:1				Concave
(b)	Bottom	.937" (23.8)	.063" (1.6)			2:1				Concave

If removable, bolts used (describe other fastenings) ---

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

9. MAWP (9930 Kpa) 1440 psi at max. temp. (38°C) 100 °F
Min. design metal temp. (-29°C) -20 °F at (9930 Kpa) 1440 psi. Hydro., pneu., or comb. test pressure (14895 Kpa) 2160 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
Inlet	N1	3" (88.9)	RFWN	SA-106-B/SA-105	Sch. XS	SA-516-70	Weld	Shell
Outlet	N2	3" (88.9)	RFWN	SA-106-B/SA-105	Sch. XS	---	Weld	Top Head
L.L.C. (Water)	C1	2" (60.3)	Cplg.	SA-105	6000 lb.	---	Weld	Shell
Sight Glass	C2	3/4" (26.7)	Cplg.	SA-105	6000 lb.	---	Weld	Shell

11. Supports: Skirt Yes Lugs No Legs No Other --- Attached Weld to Head
(Yes or 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, Mfg.'s name and identifying stamp)

Volume - 16 cu. ft. (.45 m³) Vertical 3 Phase Separator

Exempt from impact test requirements as per paragraph UG 20(f)

Hydrostatically tested in the Vertical Position

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. 19,352 expires July 12, 1996.
Date AUG 10 1994 Co. name R.J.V. Gas Field Services Ltd. signed [Signature] (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by R.J.V. Gas Field Services Ltd. at 4901-47 St. Vegreville, AB T9C 1C3

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 Department of Labour of Alberta

have inspected the component described in this Manufacturer's Data Report on AUG 10 1994, 19 ---, 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 AUG 10 1994 Signed [Signature] (Authorized Inspector) Commissions Alberta #31 (Nat'l Board (incl. endorsements), State, Prov. and No.)

