

FORM U-1-A 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

- Manufactured and certified by R.J.V. Gas Field Services Ltd., 4901-47 St. Vegreville, AB T9C 1C3
(Name and address of manufacturer)
- Manufactured for Anderson Explorations Ltd. 2300, 700-9th Ave. SW., Calgary, AB T2P 3V4C 4-1
(Name and address of purchaser)
- Location of Installation 3-22-76-10-W6 Valhalla Field
(Name and address)
- Type Vertical 2591 M2801.2 V94-332 N/A 1994
(Manufacturer's serial No.) (CRN) (Drawing No.) (Net L. Bol. 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 Addenda N/A
Address (Date) Code Case No. Special Service per UG-129(a)
- Shell: SA-516-70-N 1.375" (34.9) .125" (3.17) 27.25" (692mm) 96" (2438 mm)
Max. (Spec. No., Grade) Nom. Thk. (in.) Cor. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)
- Seams: S.W.B. Long'l. Full 100% N/A N/A S.W.B. Circ. Full 2
Long. (Welded, Dbl. Sugl., Lap, But) H.T. (Spot or Full) E.H. (N) H.T. Temp. (°F) Time (hr) Circ. (Welded, Dbl. Sugl., Lap, But) H.T. (Spot, Period, or Full) No. of Courses
- Heads: (a) Matl. SA-516-70 (Spec. No., Grade) (b) Matl. SA-516-70 (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	1.27" (32.15)	.125" (3.17)			2:1				Concave
(b)	Bottom	1.27" (32.15)	.125" (3.17)			2:1				Concave

If removable, bolts used (describe other fastenings)

- MAWP (9930 Kpa) 1440 (-28°C) -20 °F at (9930 Kpa) 1440 psi at max. temp. (38°C) 100 °F
Min. design metal temp. (-28°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. Tnk	Reinforcement Matl	How Attached	Location
Inlet	N1	6" (168.3)	RAW	SA-106-B/SA-105	Sch. 160	SA-516-70	Weld	Shell
Outlet	N2	6" (168.3)	RAW	SA-106-B/SA-105	Sch. 160	SA-516-70	Weld	Top Head
L.L.C. (Water)	C1	2" (60.3)	Qalg.	SA-105	# 6000	- - - - -	Weld	Shell
L.L.G. (Water)	C2a	2" (60.3)	Qalg.	SA-105	# 6000	- - - - -	Weld	Shell

- Supports: Skirt Yes No Lugs No Other - - - - - Attached Weld to Head
(Yes or no) (No.) (Description)

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

Volume - 42.44 cu. ft. (1.20 m³) Vertical 3 Phase Separator
Exempt from impact test requirements as per UCS 66(a) M.D.M.T.
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. 19,562 expires July 12, 1996.
Date APR 13 1994 Co. name R.J.V. Gas Field Services Ltd. (Manufacturer) Signed [Signature] (Representative)

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

have inspected the component described in this Manufacturer's Data Report on APR 13 1994, 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 APR 13 1994 Signed [Signature] (Authorized Inspector) Commissions Alberta 31
(Net Board (and, under annual), State, Prov. and No.)

(A) 2922696

1. Manufactured and certified by	R.J.V. Gas Field Services Ltd., 4901-47 St., Vegreville, AB T9C 1C3			
	(Name and address of manufacturer)			
2. Manufactured for	Anderson Explorations Ltd., 2300, 700-9th Ave. SW., Calgary, AB T2P 3V4			
	(Name and address of purchaser)			
3. Location of installation	3-22-76-10-W6 Valhalla Field			
	(Name and address)			
4. Type	Vertical	2591	M2801.2	V94-322
	(Hole's, vert., tank, etc.)	(Hole's, serial No.)	(ICR#)	(ID#)
			N/A	1994
			(Inst. Bd. No.)	(Year built)

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[illegible]

APR 13 1994

Co. name R.J.V. Gas Field Services Ltd. Signed _____

1951 10 24

Signed _____
(Attorney-in-Charge)

_____ (Witness)

_____ Commissions

(12/82)

This form (E00118) is available from the Order Dept., ASME, 345 E. 47 St., New York, N.Y. 10017