

FORM U-1A M. MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS
911 (Alternative Form for Single Chamber, Completely Shop-Fabricated Vessels Only) A 3072-372
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

1. Manufactured and certified by OPSCO '92 INDUSTRIES LTD., 2601 CENTRE AVE. EAST, CALGARY, ALBERTA
(Name and address of manufacturer)
2. Manufactured for Tarragon Oil & Gas Limited, 2500 55th Avenue S.W., Calgary, Alberta
(Name and address of purchaser)
3. Location of installation Tarragon Stock Unit (Alberta)
(Name and address)
4. Type Vert. Separator V-2091B M1407.213 V-94-1989-1009 R.1 N/A 1995
(Name of vessel, tank) (NIP's serial No.) (ICRN) (Drawing No.) (N/A's Ref. 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.
6. Shell: SA-106 B 1.031" 0.0625" 1'-1.94" 5'-0"
(Mat. Spec. No., Grade) (Nom. Thk. (in.)) (Corr. Allow. (in.)) (Diam. I.D. (ft. & in.)) (Length (overall) (ft. & in.))
7. Seams: SMLS N/A 100% N/A N/A *Spot 1
(Long. (Welded, Dbl., Singl., Lap, But)) (R.T. (Spot or Full)) (Eff. (%) (H.T. Temp. (°F)) (Time (hr)) (Grain (Welded, Dbl., Singl., Lap, But)) (SA-516-70 N) (R.T. (Spot, Partial, or Full)) (No. of Cores)
8. Heads: (a) Matl. SA-516-70 N (b) Matl. N/A
(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	.968	0.0625			2:1				Concave
(b) BTM	.952	0.0625			2:1				Concave

If removable, bolts used (describe other fastenings)

9. MAWP 1480 -20 °F at 1480 psi at max. temp. 100 2220 °F
Min. design metal temp. -20 °F at 1480 psi. Hydro., 2000 psi. test pressure 2220 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/Outlet	2	2"	RFWN	SA-106B	.343"	Integral	Welded	
Water LC	1	2"	TOL	SA-105	3000#	Integral	Welded	

11. Supports: Skirt Yes Lugs Legs Other Attached BTM head and welded
(Yes or no) (No.) (No.) (No.) (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:

Exempt from impact testing as per UCS-66 and UG-20 (f)

*Spot X-ray as per UW11a5b

Construction Dwg No.: V-94-2091-1117 R.1

Volume: 6.15 cu.ft. Tag No: V-100

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. 21, 356 expires July 21, 1995.
Date Jan 23/95 Co. name OPSCO '92 INDUSTRIES LTD. Signed [Signature] (Manufacturer) (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by OPSCO '92 INDUSTRIES LTD at Calgary, 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 Alberta Labour, Boilers & Pressure Vessel Safety

have inspected the component described in this Manufacturer's Data Report on Jan 23, 1995, 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 23 Signed [Signature] (Authorized Inspector) Commissions AB 5572
(N/A's Board Limit endorsement), State, Prov. and No.)

OPSCO '92 INDUSTRIES LTD., 2601 CENTRE AVE EAST, CALGARY, ALBERTA

Tarragon Oil & Gas Ltd, 2200-205 4 Ave. S.W., Calgary, Alberta

(name and address of purchaser)
(Alberta)

V-2091 B

(tank, separator, heat exh., etc.)

V-93-1989-1009 R.1

7661

(drawing no.)

(year built)

Item Number

Remarks

[illegible]

95

(representative)

(Nart Board incl endorsement, state, province and no.)