

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 312794

1. Manufactured and certified by ALCO GAS & OIL PRODUCTION EQUIPMENT LTD. 5203 75th STREET EDMONTON, ALBERTA
(Name and address of manufacturer)

2. Manufactured for PROSPECT OIL & GAS P.O. BOX 451 DUTCHESS, ALBERTA
(Name and address of purchaser)

3. Location of installation 01-09-23-24 W4M
(Name and address)

4. Type Vertical 95C-5443-01 A A-3098.32 A-19587 R1 N/A 1996
(If horiz. or vert. tank) (Mfg's serial No.) (CRN) (Drawing No.) (Mat'l. 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
Year

to A-1994 N/A N/A
Addenda (Date) Code Case Nos. Special Service per UG-120(d)

6. Shell: SA-516-70 N 1" NIL 22" 28'-0"
Mat'l. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Chem. I.D. (ft. & in.) Length (overall) (ft. & in.)

7. Seams: Welded Single Full 100 N/A N/A Welded Single Full (per-11a-5b) 2
Long. (Welded, Dbl., Sngl., Lap, Butt) R.T. (Spot or Full) Eff. (%) H.T. Temp. (°F) Time (hr) Girth (Welded, Dbl., Sngl., Lap, Butt) R.T. (Spot, Partial, or Full) No. of Courses

8. Heads: (a) Mat'l. SA-516-70 N (b) Mat'l. SA-516-70 N
(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	1.070	NIL	N/A	N/A	2:1	N/A	N/A	N/A	Concave
(b)	Bottom	1.075	NIL	N/A	N/A	2:1	N/A	N/A	N/A	Concave

If removable, bolts used (describe other fastenings) N/A
(Mat'l., Spec. No., Gr., Size, No.)

9. MAWP 1440 psi at max. temp. 130 °F
 Min. design metal temp. -20 °F at 1440 psi. Hydro., pneu., or comb. test pressure 2160 psi.

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam or Size	Type	Mat'l.	Nom Thk	Reinforcement Mat'l.	How Attached	Location
Gas Inlet	1	4"RFWN	600#	SA-105N/106B	Sch 160	SA-516-70 N	Welded	Shell
Gas Outlet	1	4"RFWN	600#	SA-105N/106B	Sch 160	SA-516-70 N	Welded	Top Head
Relief	1	1"	TOL	SA-105N	6000#	N/A	Welded	Shell
Press Ind	1	1/2"	TOL	SA-105N	6000#	N/A	Welded	Shell

11. Supports: Skirt Yes Lugs N/A Legs N/A Other Welded Attached To Bottom 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: Impact Test Exempt UG -20(f) UCS 66(c)
(Name of part, item number, Mfg's. name and identifying stamp)

3 Phase Glycol Contactor Capacity 2.13 m³

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. 14259 expires October 7, 1998.
 Date 9-6-96 Co. name ALCO GAS & OIL PRODUCTION EQUIPMENT LTD. Signed [Signature]
(Manufacturer) (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by ALCO GAS & OIL PRODUCTION EQUIPMENT LTD. at EDMONTON

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 BOILERS SAFETY ASSOCIATION

have inspected the component described in this Manufacturer's Data Report on 9/8/96, 19 96, 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 9/8/96 Signed [Signature] Commissions ALBERTA
(Authorized Inspector) (National Board (incl. endorsements), State, Prov. and Terr.)

(A) 3127911

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

1. Manufactured and certified by ALCO GAS & OIL PRODUCTION EQUIPMENT LTD., 5203 75th STREET EDMONTON, ALBERTA
(Name and address of Manufacturer)

2. Manufactured for PROSPECT OIL & GAS P.O. BOX 451 DUTCHESS, ALBERTA
(Name and address of Purchaser)

3. Location of installation 01-09-23-24 W4M
(Name and address)

4. Type: Vertical 3 Phase Glycol Contactor 95C-5443-01 A
(Shell, vent., or sphere) (Tank, separator, heat exch., etc.) (Qty's. and/or No.)

A-3098.32 A-19587 R1 N/A 1996
(Code) (Drawing No.) (Part's. Cat. No.) (Year built)

Date Report Item Number	Remarks						
Temp Ind	1	3/4"	TOL	SA-105	6000#	N/A	Welded Shell
Water Outlet	1	1"	CPLG	SA-105	6000#	N/A	Welded Shell
Glycol Coil	2	1"	CPLG	SA-105	6000#	N/A	Welded Shell
Glycol Outlet	1	1"	TOL	SA-105	6000#	N/A	Welded Shell
Glycol Inlet	1	1"	TOL	SA-105	6000#	N/A	Welded Shell
Level Cont/Insp	1	2"	TOL	SA-105	3000#	N/A	Welded Shell
Level Gauge	2	3/4"	TOL	SA-105	6000#	N/A	Welded Shell
Level Gauge	2	3/4"	TOL	SA-105	6000#	N/A	Welded Shell
Level Control	1	2"	TOL	SA-105	3000#	N/A	Welded Shell
Oil Outlet	1	1"	TOL	SA-105	6000#	N/A	Welded Shell
Chim. Tray Drain	1	1"	TOL	SA-105	6000#	N/A	Welded Shell
Tray Drains	8	1/2"	TOL	SA-105	6000#	N/A	Welded Shell
Inspection	2	2"	TOL	SA-105	6000#	N/A	Welded Shell
Equalizer	1	1"	TOL	SA-105	6000#	N/A	Welded Shell
Spare	1	2"	CPLG	SA-105	3000#	N/A	Welded Shell

Certificate of Authorization: Type U No. 14259 Expires October 7 . 19 96

Date 96-1-8 Name ALCO GAS & OIL PRODUCTION EQUIPMENT LTD. Signed [Signature]
(Manufacturer) (Representative)

Date Jan 8/96 Name [Signature] Commission ALBERTA-5
(Authorizing Inspector) (ASME Board Incl. endorsement, State, Province and No.)