

2024

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 **A3027808**

1. Manufactured and certified by ALCO GAS & OIL PRODUCTION EQUIPMENT LTD. 5203 75 STREET EDMONTON, ALBERTA

2. Manufactured for BLUE RANGE RESOURCES 706 7th AVENUE SW CALGARY, ALBERTA

3. Location of installation 4-10-39-26 W4M

4. Type Vertical (Name and address of purchaser)
 (Manufacturer's serial No.) 94C-5260-01 (Drawing No.) A-18991 (Year built) 1994

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 1932

TO A-1993 (Name and address)
 Code Case No. _____ Special Service per UCS-100(a) _____

6. Shell: SA-516-70 N (Matl. Spec. No., Grade) 1.5" (Nom. Thk. In.) .125 (Corr. Allow. In.) 27" (Cham. I.D. (ft. & in.)) 28'-0" (Length Overall) (ft. & in.)

7. Seams: Welded Double (Type) Full (R.T. (Spot, Partial, or Full)) 100 (Lft. (ft.)) 1150 (H.T. Temp. (F)) 1b (Welded Single) Full (UW-11a) (R.T. (Spot, Partial, or Full)) 3 (No. of Courses)

8. Heads: (a) Matl. SA-516-70 N (Spec. No., Grade) (b) Matl. SA-516-70 N (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	1.490	.125			2:1				Concave
(b) Bottom	1.490	.125			2:1				Concave

if removable, bolts used (describe other fastenings) _____ (Matl., Spec. No., Gr., Size, No.)

9. MAWP 1650 psi at max. temp. _____ °F at 1650 psi. Hydro., pneu., or comb. test pressure 2475 of _____ 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
Gas Inlet	1	4" REWIN	900#	SA-105/106B	Sch XXH	SA-516-70	Welded	Shell
Gas Outlet	1	4" REWIN	900#	SA-105/106B	Sch XXH	SA-516-70	Welded	Head
P.S.V.	1	1 1/2"	TOL	SA-105	6000#		Welded	Shell
Glycol Inlet	1	1"	TOL	SA-105	6000#		Welded	Shell

11. Supports: Skirt Yes (Yes or no) Lugs Yes (Yes or no) Legs Other (Describe) Attached Welded to Bottom Head (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 UCS 66(c) Prod. Impacts to -10°F (Name of part, item number, title's name and sketching name)

Glycol Contactor Capacity 3.27 m³

As Built Drawing A-18991 R2

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, 1995.
 Date 25-2-17 Co. name ALCO GAS & OIL PRODUCTION EQUIPMENT LTD. Signed [Signature] (Representative)

Vessel constructed by ALCO GAS & OIL PRODUCTION EQUIPMENT LTD. 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 GOVERNMENT OF ALBERTA
 have inspected the component described in this Manufacturer's Data Report on Feb. 17, 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 the inspection.
 Date Feb. 17, 95 Signed [Signature] (Authorized Inspector) ALBERTA #64 (Matl. Board Ind. endorsement), State, Prov. and No.)
 Commissions _____

FORM U-4 MANUFACTURER'S DATA REPORT SUPPLEMENTARY SHEET
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1 A3027808

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

2. Manufactured for BLUE RANGE RESOURCES 706 7th AVENUE SW CALGARY, ALBERTA
(Name and address of Purchaser)

3. Location of installation 4-10-39-26 W4M
(Name and address)

4. Type: Vertical Glycol Contactor 24C-5260-01
(Mark, size, or specification) (Mark, register, heat exch., etc.) (Reg. or serial No.)

1-6599.12 A-18991 1994
(Date) (Drawing No.) (Year built)

Data Report Item Number _____ Remarks _____

Glycol Outlet	1	1"	TOL	SA-105	6000#	Welded	Shell
Water Outlet	1	1"	CPLG	SA-105	5000#	Welded	Shell
Level Cont/Insp	1	2"	TOL	SA-105	6000#	Welded	Shell
Level Gauge	2	3/4"	TOL	SA-105	6000#	Welded	Shell
Level Gauge	2	3/4"	TOL	SA-105	6000#	Welded	Shell
Level Control	1	2"	TOL	SA-105	6000#	Welded	Shell
Cond Outlet	1	1"	TOL	SA-105	6000#	Welded	Shell
Press Ind	1	3/4"	TOL	SA-105	6000#	Welded	Shell
Temp Ind	1	3/4"	TOL	SA-105	6000#	Welded	Shell
HIC Coil	2	1"	CPLG	SA-105	6000#	Welded	Shell
Chimney Tray Drain	1	1"	TOL	SA-105	6000#	Welded	Shell
Tray Drains	8	3/4"	TOL	SA-105	6000#	Welded	Shell
Inspection	1	2"	TOL	SA-105	6000#	Welded	Shell
X-RAY Conn.	1	3/4"	TOL	SA-105	6000#	Welded	Shell

Certificate of Authorization: Type U No. 14259 Expires October 7, 19 95

Date 92-2-17 Name ALCO GAS & OIL PRODUCTION EQUIPMENT LTD. Signed [Signature]
(Date) (Manufacturer) (Registration No.)

Date Feb 17, 95 Name Schwartz Rakha Commission Alberta #64
(Date) (Authorized Inspector) (Start/End Reg. Information, State, Province and No.)

(12/91) This form (E00118) may be obtained from the ASME Order Dept., 22 Law Driv., Box 2300, Fairfield, NJ 07007-2300 REPRINT 9/92