

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

A487191

1. Manufactured and certified by Alco Gas & Oil Production Equipment LTD. 5203-75th STREET EDMONTON, ALBERTA
 (Name and address of manufacturer)

2. Manufactured for HUSKY OIL OPERATIONS 4429-44th STREET LLOYDMINSTER SASK.
 (Name and address of purchaser)

3. Location of installation 2A-03-52-04-W4M
 (Name and address)

4. Type: Vertical 2001-6656-01 P-4208.213 A-25429 R1 N/A 2002
 (Horiz. or vert. tank) (Mfr's serial No.) (CRN) (Drawing No.) (Nat'l. Bd. 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 2001
 to Addenda (Date) N/A Code Case Nos. N/A Special Service per UG-120(d)

6. Shell: SA-516Gr.70N 875" 1/16" 18 1/4" 28' 0"
 Mat'l. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)

7. Seams: TYPE 1 Full 100% NIL N/A TYPE 1 Spnt UW11a5b 5
 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-516Gr.70N (b) Mat'l. SA-516Gr.70N
 (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	816"	1/16"	N/A	N/A	2:1	N/A	N/A	N/A	CONCAVE
(b)	Bottom	816"	1/16"	N/A	N/A	2:1	N/A	N/A	N/A	CONCAVE

If removable, bolts used (describe other fastenings) N/A

9. MAWP: 1440 psi at max. temp. 130 °F
 Min. design metal temp. -20 °F or at 1440 psi Hydro., pneu., or comb. test pressure Hydrostatic 2145 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	3"	CL900FLG	SA-106H/105N	SCH XXH	N/A	UW16.1 (e)	SHELL
GAS OUTLET	1	3"	CL900FLG	SA-106H/105N	SCH XXH	N/A	UW16.1 (c)	TOP HEAD
PSV	1	1 1/2"	TOL	SA105N	6000#	N/A	UW16.1(a)	SHELL
PRESS IND	1	3/4"	TOL	SA105N	6000#	N/A	UW16.1(a)	SHELL
TEMP CONN.	1	3/4"	TOL	SA105N	6000#	N/A	UW16.1(a)	SHELL
LIQUID OUT	1	1"	COUPLING	SA105N	6000#	N/A	UW16.1 (c)	SHELL
HEATING COIL	2	1"	COUPLING	SA105N	6000#	N/A	UW16.1 (c)	SHELL
GLYCOL OUT	1	1"	TOL	SA105N	6000#	N/A	UW16.1(a)	SHELL

11. Supports: Skirt Yes Lugs NO Legs NO Other ----- Attached WELDED 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: N/A
 (Name of part, item number, Mfr's name and identifying stamp)

IMPACT EXEMPT PER UG-20 (f), UCS 66 (c)

3 PHASE GLYCOL CONTACTOR / CAPACITY 1.48 M3

AS BUILT DRAWING D-2001-6831-01-001 R0 / SEE ATTACHED U4 DATA REPORT

CERTIFICATE OF SHOP/FIELD 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 OCT 7th, 2004
 Date May 29/02 Co. name Alco Gas & Oil Production Equipment LTD. Signed [Signature]
 (Manufacturer) (Representative)

CERTIFICATE OF SHOP/FIELD INSPECTION

Vessel constructed by Alco Gas & Oil Production Equipment LTD. at 5203-75th STREET EDMONTON, 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 BOILERS SAFETY ALBERTA have inspected the component described in this Manufacturer's Data Report on May 29, 2002, 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 May 29, 2002 Signed [Signature] Commissions ALBERTA #87
 (Authorized Inspector) (Nat'l Board incl. endorsements State, Prov. and No.)

Platform 01-0201

A487191

- Nozzles, inspection, and safety valve openings:**

**Data Report
Item Number**

Remarks

Certificate of Authorization: Type U No. 14259 Expires OCT 7th 2004

Date May 29/02 Name Alco Gas & Oil Production Equipment LTD Signed [Signature]
(Manufacturer) (Representative)

Date May 29, 2002 Name Harold Rehe Commission ALBERTA #87
(Authorized Inspector) (Nat'l. Board incl. endorsement, state, province and no.)

Platform 01-02E01