

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

A506317

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

2. Manufactured for PROFICO ENERGY MANAGEMENT LTD 350--7 th AVENUE SW CALGARY, ALBERTA
 (Name and address of purchaser)

3. Location of installation LANCER SASKCHEWAN 12-26 -21 -20 -W3M
 (Name and address)

4. Type: VERTICAL 2004-7228-04A L-9429.213 A-24273 R1 N/A 2004
 (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
 Year

to A-2003 N/A N/A
 Addenda (Date) Code Case Nos. Special Service per UG-120(d)

6. Shell: SA-516Gr.70N 1 1/4" 1/16" 27 1/2" 28' 0"
 Matl. (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 Spot UW 11a5B 3
 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) Matl. SA-516Gr.70N (b) Matl. 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	1.18"	1/16"	N/A	N/A	2:1	N/A	N/A	N/A	Concave
(b)	BOTTOM	1.18"	1/16"	N/A	N/A	2:1	N/A	N/A	N/A	Concave

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

9. MAWP: 1600 psi at max. temp. 150 °F
 Min. design metal temp. -20 of at 1600 psi. Hydro., pneu., or comb. test pressure Hydrostatic 2198 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	6"	CL900WN	SA-106B/105N	SCH XXH	SA-516Gr.70N	UW16.1(c)	SHELL
GAS OUTLET	1	6"	CL900WN	SA-106B/105N	SCH XXH	SA-516Gr.70N	UW16.1(c)	TOP HEAD
GLYCOL IN	1	1"	TOL	SA105N	6000#	N/A	UW16.1(a)	SHELL
GLYCOL OUT	1	1"	TOL	SA105N	6000#	N/A	UW16.1(a)	SHELL
WATER OUT	1	1"	COUPLING	SA105N	6000#	N/A	UW16.1(c)	SHELL
LC/INSPECTION	1	2"	TOL	SA105N	6000#	N/A	UW16.1(a)	SHELL
LEVEL GA.	4	3/4"	TOL	SA105N	6000#	N/A	UW16.1(a)	SHELL
LEVEL CONTROL	1	2"	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)

HEADS, SHELLS IMPACT TEST EXEMPT PER UCS 66 CURVE (d). FLANGES NOZZLES REPADS PER UG 20 (f) UCS 66(c)

3 PHASE GLYCOL CONTACTOR / CAPACITY 3.90 M3 / SEE ATTACHED U4 DATA REPORT

AS BUILT DRAWING D-2004-7253-01-001-001 R0 / SOLD ON JOB 2003-7253-01

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. <u>14259</u> expires <u>OCT. 7th</u> , <u>2004</u>	
Date <u>JUNE. 10 2004</u> Co. name <u>Alco Gas & Oil Production Equipment LTD.</u> Signed <u>[Signature]</u> (Manufacturer) (Representative)	
CERTIFICATE OF SHOP/FIELD INSPECTION	
Vessel constructed by <u>Alco Gas & Oil Production Equipment LTD.</u> at <u>5203-75 th STREET EDMONTON ALBERTA</u>	
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 <u>ALBERTA</u> and employed by <u>ALBERTA BOILERS SAFETY ASSOCIATION</u> have inspected the component described in this Manufacturer's Data Report on <u>JUNE 10</u> , <u>2004</u> , 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 <u>JUN 10 2004</u> Signed <u>[Signature]</u> Commissions <u>ALBERTA AB 95 A</u> (Authorized Inspector) [Nat'l Board incl. endorsements State, Prov. and No.]	

A506317.

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. 5203-75 th STREET EDMONTON ALBERTA
(Name and address of Manufacturer)

2. Manufactured for PROFICO ENERGY MANAGEMENT 350- 7 th AVENUE SW CALGARY, ALBERTA
(Name and address of Purchaser)

3. Location of Installation CRAMMERSBURG SASKATCHEWAN LSD 13 -18 -22 -20 W3M
(Name and address)

4. Type: VERTICAL GLYCOL CONTACTOR 2004-7228-04B
(Horiz., vert., or sphere) (Tank, separator, heat exh., etc.) (Mfg's serial No.)

L-9429.213 A-24273 R1 N/A 2004
(CRN) (Drawing No.) (Nat'l. Bd. No.) (Year built)

Nozzles, inspection, and safety valve openings:

Purpose (Inlet, Outlet, Drain, etc.)	No.	Diameter or Size	Flange Type	Material		Nozzle Thickness		Reinforcement Material	How Attached		Location (Insp. Open)
				Nozzle	Flange	Nom.	Corr.		Nozzle	Flange	
COND OUT	1	1"	TOL	SA-105N	N/A	6000#	1/16"	N/A	UW16.1(a)	N/A	SHELL
PRESS IND	1	1/2"	TOL	SA-105N	N/A	6000#	1/16"	N/A	UW16.1(a)	N/A	SHELL
TEMP IND	1	3/4"	TOL	SA-105N	N/A	6000#	1/16"	N/A	UW16.1(a)	N/A	SHELL
HTG COIL	2	1"	COUPLING	SA-105N	N/A	6000#	1/16"	N/A	UW16.1(c)	N/A	SHELL
CHIMNEY TRAY DRAIN	1	1"	TOL	SA-105N	N/A	6000#	1/16"	N/A	UW16.1(a)	N/A	SHELL
TRAY DRAINS	8	1/2"	TOL	SA-105N	N/A	6000#	1/16"	N/A	UW16.1(a)	N/A	SHELL
INSPECTION	1	2"	TOL	SA-105N	N/A	6000#	1/16"	N/A	UW16.1(a)	N/A	TOP HEAD
HLSD	1	2"	TOL	SA-105N	N/A	6000#	1/16"	N/A	UW16.1(a)	N/A	SHELL
EQUALIZER	1	1"	TOL	SA-105N	N/A	6000#	1/16"	N/A	UW16.1(a)	N/A	SHELL
X-RAY OPENING	1	3/4"	TOL	SA-105N	N/A	6000#	1/16"	N/A	UW16.1(a)	N/A	SHELL
PSV	1	2"	TOL	SA-105N	N/A	6000#	1/16"	N/A	UW16.1(a)	N/A	SHELL

Data Report Item Number	Remarks
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

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

Date June 10, 2004 Name Alco Gas & Oil Production Equipment LTD. Signed [Signature]
(manufacturer) (representative)

Date JUN 10 2004 Name [Signature] Commission AB95A
(Authorized Inspector) (Nat'l. Board incl. endorsement, state, province and no.)
Platcom 01-02E01