

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

2. Manufactured for ANDERSON EXPLORATION C/O COLT ENGINEERING, 10201 SOUTHPORT RD S.W., CALGARY, AB
(Name and address of purchaser)

3. Location of installation 9-9-79-5 W6M
(Name and address)

4. Type VERT. 98C-6048-01 N-1793.2 A-20265R2 N/A 1998
(horiz. or vert., tank) (Mfg.'s serial No.) (CRN) (Drawing No.) (Net'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.

to A-1997 N/A N/A
Addenda (Date) Code Case No. Special Services per UG-120(d)

6. Shell: SA-516-70N 1.375 .0625 30" 28'-0"
Mat'l. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft. & in.) Length overall (ft. & in.)

7. Seams: WELDED DBL. FULL 100 N/A N/A TYPE 1 FULL (UG-11A) 3
Long. (Welded, DN, Eng'l., Lap, Butt) R.T. (Spot or Full) Eff. (%) H.T. Temp. (°F) Time (hr) Class (Welded, DBL, Eng'l., Lap, Butt) R.T. (Spot, Partial, or Full) No. of Courses

8. Heads: (a) Mat'l. SA-516-70N (b) Mat'l. SA-516-70N
(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	1.337	.0625	N/A	N/A	2:1	N/A	N/A	UW 16.1	CONCAVE
(b)	BOTTOM	1.337	.0625	N/A	N/A	2:1	N/A	N/A	UW 16.1	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	6" RFWN	600#	SA-105N/106 B	SCH 160	SA-516-70N	UW 16.1	SHELL
GAS OUTLET	1	6" RFWN	600#	SA-105N/106B	SCH 160	SA-516-70N	UW 16.1	TOP HEAD
DRAIN	1	2" RFWN	600#	SA-105N/106B/234WPB	SCH 80	N/A	UW 16.1	BOTTOM HEAD
H.L. SD	1	4" RFWN	600#	SA-105N/106B/234WPB	SCH 160	SA-516-70N	UW 16.1	SHELL

11. Supports: Skirt YES Lugs N/A Legs N/A Other WELDED TO Attached 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 UG-84 ITEM # 1, 2, 3, 12, 33
(Name of part, item number, Mfg.'s name and identifying stamp)

3 PHASE GLYCOL CONTACTOR CAPACITY 3.3m³

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, 2001.
 Date 98-11-19 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 [Signature], 19 98, 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 11/20/98 Signed [Signature] Commissions ALBERTA
(Authorized Inspector) (Net'l. Board (incl. endorsements), State, Prov., and No.)

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, AB
(Name and address of Manufacturer)

2. Manufactured for ANDERSON EXPLORATION C/O COLT ENG. 10201 SOUTHPORT RD S.W., CALGARY, AB
(Name and address of Purchaser)

3. Location of Installation 9-9-79-5 W6M
(Name and address)

4. Type: VERT. 3 PHASE GLYCOL CONTACTOR 98C-6048-01
(Horiz., vert., or sphere) (Tank, separator, heat exch., etc.) (Mfg's. serial No.)

N-1793-2 A-20265 R2 1998
(CRN) (Drawing No.) (Nat'l. Bd. No.) (Year built)

Data Report Item Number	Remarks							
RELIEF	1	1½"	CPLG	SA-105	6000#	N/A	UW 16.1	SHELL
GLYCOL INLET	1	1"	CPLG	SA-105	6000#	N/A	UW 16.1	SHELL
GLYCOL OUTLET	1	1"	CPLG	SA-105	6000#	N/A	UW 16.1	SHELL
WATER OUTLET	1	1"	CPLG	SA-105	6000#	N/A	UW 16.1	SHELL
LEVEL CONTROL	1	2"	CPLG	SA-105	6000#	N/A	UW 16.1	SHELL
LEVEL GAUGE	2	3/4"	CPLG	SA-105	6000#	N/A	UW 16.1	SHELL
LEVEL GAUGE	2	3/4"	CPLG	SA-105	6000#	N/A	UW 16.1	SHELL
LEVEL CONTROL	1	2"	CPLG	SA-105	6000#	N/A	UW 16.1	SHELL
COND. OUTLET	1	1"	CPLG	SA-105	6000#	N/A	UW 16.1	SHELL
PRESS IND	1	3/4"	CPLG	SA-105	6000#	N/A	UW 16.1	SHELL
TEMP IND	1	3/4"	CPLG	SA-105	6000#	N/A	UW 16.1	SHELL
HTG COIL	2	1"	CPLG	SA-105	6000#	N/A	UW 16.1	SHELL
CHIM TRAY DRAIN	1	1"	CPLG	SA-105	6000#	N/A	UW 16.1	SHELL
TRAY DRAINS	8	½"	CPLG	SA-105	6000#	N/A	UW 16.1	SHELL
INSPECTION	2	2"	CPLG	SA-105	6000#	N/A	UW 16.1	SHELL

Certificate of Authorization: Type U No. 14259 Expires OCTOBER 7 2001

Date 98-11-19 Name ALCO GAS & OIL PRODUCTION EQUIPMENT LTD Signed [Signature]
(Manufacturer) (Representative)

Date Nov 20/98 Name [Signature] Commission ALBERTA 5
(Authorized Inspector) (Nat'l Board incl. endorsement, State, Province and No.)