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.	Manufactured and	d certifie	ed by	Air-X-Changers, A Harsco Company, 5215 Arkansas Road, Port of Catoosa, OK 74015									
2.	Manufactured for	_	(Name and address of manufacturer) WILLISTON BASIN INTERSTATE PIPELINE COMPANY, P.O. BOX 131, GLENDIVE, MT 59330										
3.						(Name and address of purchaser) WILLISTON, BASIN, WYOMING							
					(Name and address)								
4.	4. Type Heat Exchanger (Horiz or vert. tank)				008026.1 Mfgr's, serial No).)	(CRN)		HDR-1 REV 0 (Drawing No.)			2000 (Year Built)	
5.	The design, construction, and workmanship conform to ASME Rules, Section VIII, Division 1												
	To		Α.	20						Year None			
	То		Addenda		· · · · · · · · · · · · · · · · · · ·		Code Case Nos.			Special Service per UG-120 (d)			
Tub 6.	e & Plug Shell: SA	A516 7	ON		0.875"	0.125"			5.5"		7' - 11.87		
0.		, Grade)		Nom. Thk. (in.)	Corr. Allow. (in.)			Diam. I. D. (ft. & in.)		Length (overall) (ft. 8			
7. Seams: Corner Joint C=.20													
	Long (Welde	ed, Dbl., S	lingl., Lap	, Butt) R.T.	(Spot or Full)	Eff. (%) H.T. 1		,	ed, Dbl. Sngl., Lap,				
8.	Heads: (a) Matl.			A516 70		(b) Matl.			SA516 70 (Spec. No., Grade)				
	Location (Top Minimum				c. No., Grade)	Knucklo	Elliptical	Conical				Pressure	
	Location (Top Bottom Ends)	Thick		Corrosion Allowance			Ratio	Apex Angle	Radius	Diameter		r Concave)	
(a)	Top, Btm	0.375	5"	0.125"						4"	X 95.875	ni .	
(b)	Ends	0.375	5"	0.125"			270			4"	X 4.75"		
If re	movable, bolts used (describe other fastenings) (Mattl, Spec. No., Gr., Size, No.)												
Header Volume cu. ft. 9. MAWP 150 psi at max. temp 300 ∘F. Min. design metal temp10 ∘F at 150 psi, Hydro., pneu., or comb. test pressure 225 psi.													
10. Nozzles, inspection and safety valve openings:													
(Inl				ım. Type Size		Matl.		Nom. Thk.	Reinforcement Matl.		How Attached	Location	
	IN, OUT	1			150#RF	SA106 B/SA105		SCH160	PIPE & WELD		Welded	Header	
	IN, OUT	OUT 1 2" A		NSI 150#RF		SA105		SCH160	FLANGE & WELD			"	
11	Supports Skirt	<u> </u>	L	Lugs		Legs	Other	Structure	Attached		Bolted		
	Supports: Skirt _	(Yes or N	,		(No.)	(No.)		(Describe)	_	`	here and How)	ng items of	
12.	Remarks: Manuthe report:	uracture	rs Pan	iiai Data Re					peciois nave bee		or the lonowi		
	Tubes 173	0.7	75" (D STRAIG	,	e of part, item numbe 144" Length	-	ind identifying stamp) Gauge SA1	79		ROLLED T	UBE SHEET	
	Insp. 346 0.875"UNF THD'D SA105 PLUG SHEET												
	IMPACT EXEMPT PER: UG 20(f) (Constructed in conformance with Appendix											ppendix 28.)	
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. 4241 expires, 12-31 20 02 Date 7/26/00 Co. Name Air-X-Changers Signed													
Date //do/38 Co. Name Air-x-changers Signed (Representative)													
CERTIFICATE OF SHOP INSPECTION													
Vessel constructed by Air-X-Changers at Tulsa, Oklahoma .													
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 Oklahoma and employed by Commercial Union Insurance Company													
have	e inspected the c	ompone	ent des	scribed in	this Manufa	cturer's Data R	eport on	7/	20 20 00	, 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	7/26/00	Sig	ned (12	LU L	1. 1h	45	Commis	N.O.	114721	A/016#	765	
l l			_		(AL	thorized Inspector)		113	(Nat'l Board	(incl. Endorseme	nts), State, Prov.	And No.)	