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 Boiler and Pressure Vessel Code Rules, Section VIII, Division 1

1.	APPLIED MACHINERY CORPORATION, 6545 N. ELDRIDGE PKWY, HOUSTON, TEXAS 77041																			
2.	(Name and address of Manufacturer) 2. Manufactured forWEATHERFORD ARTIFICIAL LIFT SYSTEMS INC, 2612 S COUNTY ROAD 1207, MIDLAND, TEXAS 79706																			
	(Name and address of Purchaser)																			
3.	Location of installationUNKNOWN																			
	Type HORIZONTAL (Horizontal or vertical, tank) 12449 N/A 7334 REV 4 3 2017 (Kanne and address) (Horizontal or vertical, tank) (Manufacturer's serial number) (CRN) (Drawing number) (National Board number) (Year built)																			
4.	Type	Horizor	ntal or v	ertical, ta	nk) (Ma	nufacturer'	seri	al number)	(CR			(1	Drawing r		r)	(National		number		(Year built)
								2015					Ü	N/A					N/A	
5.	ASME (ode,	Section	on VIII,	Div. 1		and	Addenda, if ap	plicable (c	date)]		(Code		umber)			[Spe	cial service per	UG-120(d)]
6. Shell SA516-70 .75" 0" 42" OD 12' - 1.75"											75"									
ο.	(Material spec. number, grade) (Nominal thickness)								(Corr. allow.)				(Inner diameter)				[Length (overall)]			
	Body Flanges on Shells																			
																		Bolting		
No.	Туре	•	D	OD	Flange 1	hk Min Hu	b Thk	Materi	ial H		low Attached		ocation	Nun	n & Size	Bolting M	aterial	Washer∌ (OD, ID, thk)		Washer Material
		-	[-							Ī										
	-																	Ī		
_	ļ	-							*********	1										-
		1		TYPE 1			SPO	T.	85%	_	N/A		'Δ		TYPE 1		-	SPC	OT 100%	1
7.	Seams		g. (weld		ngl., lap,	butt)] [R.T			ff., %)	(H.	T. temp.)			irth (we	elded, dbl.,		outt)]	[R.T. ((No. of courses)
0	or full)] 8. Heads: (a) Material SA516-70N (b) Material SA516-70N																			
0.	neaus.	(a) IVI	ateria	1 ——			Spec	no., grade)				. (D)	iviateri	aı			(Spec. r			
	Location (Top, Minimum Corrosion				n	Crown	е	Elliptical		Conic	al	Hemispl		Flat	Side	Side to Pressure				
	Bottom, Ends) Thickness Allowance				Radius	Radius Radius Rat			_	Apex Angle			Radius			(Conve	onvex or Concave)			
(a)) END .625" 0 N				N/A	N/A 2:1				N/A	١	N/A			N/A	С	ONCAVE			
(b)	b) END .625" 0 N/A				N/A	N/A 2:1				N/A N/A			I/A		N/A		CONCAVE			
	Body Flanges on Heads																			
									,					Bolting						
	Location	ocation Type ID OD Flange Thk Min Hub Thk Mate				teria	1	How Attached Nu			n & Size	laterial	(Washer OD, ID, thk)	Washer Material					
(a)																-				
(b)	J										-									
9.	9. MAWP 600 PSI N/A at max. temp. 250° F N/A (Internal) (External) (External)																			
	Min. de	cian I			-20	°F	at	600 PSI	116						(Internal)				(Extern 780 PSI	aı)
		_	617			· · ·	" –	***************************************	n	yar	O., pno.	,		test p	ressure		-			•
	Proof to	est _	N/.	A																
10.	Nozzles	, insp	ectio	n, and s	safety v	alve ope	ning	js:	2											
/1	Purpose nlet, Outle			Dia	meter		Ma				eterial			ness	Reinford	Reinforcement		achmei	nt Details	Location
	Drain, etc.		No.		Size	Type		Nozzle		Flange		No	m. C	Corr.	Mate		Nozzle		Flange	(Insp. Open.)
	PRESSU	RE	1	1/2"	3000#	COUPLING	OUPLING SA-10				I/A	.14	25"	0"	WE	LD	WELDED		N/A	SHELL
	SIGHT		2	_	3000#	COUPLING	SA-105		\perp	N/A		.36		0"	WELD		WELDED		N/A	HEAD
		SIGHT 2 1" 3000# COUPLING		_	SA-105			I/A	.2175		0"	WELD		WELDED		N/A	HEAD			
011	SPARE			_	N/A		+	_	0"	WELD		WELDED		N/A	SHELL					
OU	TLET / RE	LIEF	3	_	ASS 300	RFWN		SA-106 B	_		-105	-	_	0"	WELD		WELDED		N/A	SHELL
	PUMP		1 1		ASS 300	RFWN		SA-106 B			-105	+		0"					WELDED	SHELL
	PUMP		1		ASS 300	RFWN		SA-106 B			-105	1	3"	0"	SA51	b-/U	WELD	וט⊾ט	WELDED	SHELL
								Legs					escribe)		_ Attacl			()	DED TO SH Where and hov	<i>(</i>)
12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following																				
	items of the report: SHELL LINE 6, S/N: 620-B, HOUSTON ROLL PIPE LLC, 45082 (Name of part, item number, Manufacturer's name and identifying stamp)																			
	(Name of part, item number, Manufacturer's name and identifying stamp) EXEMPT FROM IMPACT TESTING PER UG20(f); CUSTOMER TO PROVIDE PRV PER UG125(a); SEE FORM U-4 FOR ADDITIONAL OPENINGS FROM LINE 10.																			

FORM U-1A (Back)

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 BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. "U" Certificate of Authorization Number 54,984 expires 10NE 28, 2020 .											
Date 11/21/2017 Co. name APPLIED MECHINERY CORPORATION Signed (Representative)											
CERTIFICATE OF SHOP/FIELD INSPECTION Vessel constructed by APPLIED MACHINERY CORPORATION at 6545 N. ELDRIDGE PKWY, HOUSTON, TEXAS 77041											
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and employed by AUTHORIZED INSPECTION ASSOCIATES, LLC											
have inspected the component described in this Manufacturer's Data Report on											

(04/14)

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

Manufactured and cert	tified by	APPLIED MACHINERY CORPORATION, 65	545 N. ELDRIDGE PKWY, HOUSTON	, TEXAS 77041											
	WEATHEREC		ddress of Manufacturer)	TEYAS 70706											
2. Manufactured for	WEATHERFORD ARTIFICIAL LIFT SYSTEMS INC, 2612 S COUNTY ROAD 1207, MIDLAND, TEXAS 79706 (Name and address of Purchaser)														
3. Location of installation	LINKNOWN														
5. Location of installation															
4. Type	IORIZONTAL	TANK		12449											
	ntal, vertical, or sphere)	(Tank, separator, heat exch.		rer's serial number)											
N/A (CRN)		7334 REV 4	3	2017											
		(Drawing number)	(National Board number)	(Year built)											
Data Report Item Number		Rema	arks												
10	PURPOSE - INLET / NO	O 1 / SIZE ² - 3" CLASS 300 / TYPE - RFWN / NO	DZZLE MTL - SA-106 B / FLANGE-MTL - SA	4-105 / •											
	NOZZLE NOM6" / NOZZLE CORR 0" / REINFORCE MTL - WELD / NOZZLE ATT - WELDED / LOCATION - HEAD														
10	DUDDOSE MANIMAY	/ NO 1 / SIZE - 18" / TYPE - RING / NOZZLE M	TI CA 100 C / NO771 E NOM 75# / NO7	77 F CODD - 0# /											
10	700 Decreeded W755000005 950007 St ASS 500 Miles			ZLE CORR 0 /											
	REINFORCE MTL - SA	516-70 / NOZZLE ATT - WELDED / LOCATION -	SHELL												
· · · · · · · · · · · · · · · · · · ·															
-	<u>-</u>														
		· ·													
ertificate of Authorization:	TypeU	No54,984	ExpiresJUNE 2	28, 2020											
11/21/2017	/ ADD	HED MACHINERY CORDORATION	10000	200											
Date Nam	e // APPI	LIED MACHINERY CORPORATION (Manufacturer)	Signed	Representative)											
	the state of the s	-1-m	la	2 -											
Date Name	· // //	(Authorized Inspector) Co	mmissions NB124901	SR											
	- / -	(Muthorized Inspector)	[National Board (ii	ncl. endorsements)]											

(08/14)

FORM U-2A MANUFACTURER'S PARTIAL DATA REPORT (ALTERNATIVE FORM) A Part of a Pressure Vessel Fabricated by One Manufacturer for Another Manufacturer

As Required by the Provisions of the ASME Boiler and Pressure Vessel Code Rules, Section VIII, Division 1

1.	Manufactured and certified by Houston Roll Pipe, LLC 4128 Creekmont Drive Houston, Texas 77091																						
2.	(Name and address of Manufacturer) Manufactured for Schill Steel Services 3001 W. 11th St. Houston, Texas 77008																						
3. 1	(Name and address of Purchaser) Location of installation Unknown (Name and address)																						
	_				Shell						5/8	۳ . 620 ا		aare	ess)				N	/Δ			
4.	Type	ription	of ves	sel part (s	hell, two-p	lece head, to	be bun	dle)]		(M			erial numb	er)						RN)			
		N/A						N/	A								N/A				201	7	
	(National							awing nun								Drawing	prepare	d by)			(Year b	uilt)	
5. ASME Code, Section VIII, Div. 1 2015 * (Code Case number) (Special service per UG-120(d))																							
										ecial s	ervice per	UG-120(d)]										
б.	Shell: (**********	r of col	ırse(s) _	/					(b) Overall length Long. Joi												
No.	Die	meter	rse(s)	Len	oth	Material Spec/Grade or Type				No		T		Long. Joint (Cat. ,		Eff.			oint (Cat. A, B & C) Full, Spot, Eff		Heat Treatment		
1	-	" OD		12			SA516-						orr. Type		None	E	Type	No	ne	Eff.	Temp.	Time	
*	42	*		12			*	7014		3/2						•	•	_			•	•	
*		*		•			t *			1		•			1.4	•	*	١.		*	٠	*	
									Bor	dy Flang	es on s	Shells									· · · · ·		
			Т				1											Boltin	g				
Na.	Туре	ID		OD I	Flange Thk Min Hub Thk Material		ı	Ho	w Attac	hed	Location		um & Size Bolting					Washer DD, ID, thk)		Washer Material			
٠		•		•	•	*		٠			•		٠		•		•	T	*	*		*	
٠	*	*		•	٠	•		*			+		•	·		•		•		•			
*	*	*	+	-	*	•	+	•			*	-+	*	_	*	*		-	*				
- 1						N	/A	VIII.										//A			J.,		
/. }	7. Heads: (a) N/A (b) N/A (Material spec. number, grade or type) (H.T. — time and temp.) (Material spec. number, grade or type) (H.T. — time and temp.)																						
	Location (Top, Thickness			ess	Radius						onical Hemis		Flat		Side to Pres			_		Category A Full, Spot, E#			
	Bottom, Er	nds)	Mi	in.	Corr.	Crow	n	Knuckle	nuckle Rat		Apex Angle		Radius	4	Diameter	Con	vex	Concave		Туре	None	Eff.	
(a)	*			·	*			*	\perp	*		`	•	\perp	•		<u> </u>	*		•	*		
{b}	* * * *						*	*	'	•		*											
	Body Flanges on Heads																						
							1							<u> </u>				1	Bolting Washer		T		
<i>t</i> =1	Location	Ту	ре	ID .	OD *	Flange Thi	Min H	ub Thk	N	Material	-	How	low Attached 1		um & Size	Bolting	Materia	-	(OD, IC	D, thk)	Washer	Material	
(a) (b)	-		-	•	•	-	-			*			*	┝	*		*	-	-			-	
	MAWP _	N/.		N/ (Exte	a	t max. te	np	N/A			N//		. Min.	des	ign metal	temp.		N/A		at	N/A	·	
9. 1	mpact tes							No							at t	est ten	nperati	ure of		N	/A		
						ndicate yes		N/A	oneni	t(s) impa							N/A						
	lydro., pr							INO			Proo	f test					14//	`					
1. 1	lozzles, ir	•	uon,	and sai			gs:	Т.						_			1						
(lr	Purp let, Outlet, E		tc.)	No.	Diam or S	1	ype	Nozzle	Materi	Flange	+-,	Nozzie Nom.	Thickness Corr.		1	inforcement Material		zie	hment Details		Location (insp. Open.)		
	*			•	•		*	•			1	*	•			140		zie Flange			(map, Open.)		
•				•		•			*	•		•		4				•		•			
2. lc	dentificati	on o	f part	(s)							-	y — 1		310									
Name of Part Quantity Line No. Mfr's. Identification No. Mfr's. Drawing No. CRN National Board No. Year Buil											Built												
									*			*		_									
		*			:				*				*			*				•		•	
3. S	upports: \$	Skirt		No or no)	Lugs _	N/A (Number)	Legs	N/A (Numbe		Other		tr	N/A escribe)		Attach	ned	<u>.</u>			I/A			
4 P	(Yes or no) (Number) (Number) (Describe) (Where and how) 3. Remarks																						
	O# 24012 - All work done per customer specs.																						
			40		100 5	4 110 74																	

Formed in accordance ASME Sec. VIII Div. 1 UG 79 and UG 80

FORM U-2A (Back)

CERTIFICATE OF SHO	P/FIELD COMPLIANCE											
We certify that the statements made in this report are correct and that	all details of material, construction, and workmanship of this pressure											
vessel part conform to the ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1.												
U Certificate of Authorization No. 45,082 Expires	03/21/2019											
Date 4.8.17 Name Houston Roll Pipe, LLC	Signed // Signed											
(Manufacturer)	(Représentative)											
CERTIFICATE OF SHOP/FIELD INSPECTION												
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and employed by OneCIS Insurance Co.												
have inspected the pressure vessel part described in this Manufacturer's Data Report on 09,08,70												
and state that, to the best of my knowledge and belief, the Manufac	cturer has constructed this pressure vessel part in accordance with											
	1. By signing this certificate neither the Inspector nor his/her employer											
makes any warranty, expressed of implied, concerning the pressure vessel part described in this Manufacturer's Data Report, Furthermore, neither												
the inspector nor his/her 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 1.86. Signed	Commissions NB 8604A B											
(Adthorized Inspector)	[National Board (incl. andorsements)]											
V .												