FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS (Alternate Form for Single Chamber, Completely Shop-Fabricated Vessels only)

As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

CORRECTED

1.	Manufactured	l and certifi	ied by N	ational Ta	ank Compa	any Highw	ay 287 East,	Electra, Texas	76360						
		C					(Nai	ne and address of con, TX. 7704	manufacturer)						
2.	Manufactured	for		il & Gas	Corp. N	ine Greenwa		and address of pure							
3.	Location of in	stallation	-Ut	ıknown			(Nar	ne and address)							
4.	Type: Hor	izontal	E	EL-2D450	03-01		•	D-96583 R 0	1	11983					
5.	The chemic	or vert. tank) al and pl ODE. The	hvsical	Mfgr's serial properties construct	of all par	(CRN) ts meet the vorkmanship c	requirements o	(Drawing no.) of material spe iME Rules, Se	(Na cifications of the action VIII, Division	at'l. Bd.No.) ASME BOIL on 1:	•	ar built) RESSURE			
	to	10	995						Year						
		Addenda				Code C	ase Nos.		Special Service per UG-120(d)						
6	Shell:	SA 516-	, ,		.125	5"	54" O		5'	5'-0" S/S					
٠.		l. (Spec. No.	, Grade)	Nom. T	hk (in.)	Corr. Allow		Diam, I.D.			(overall) (ft. & in.)				
7.	Seams:	Dbl But		Fu		100%	1150°	2 Hr., 15 mir		Full		1			
		ng. (Welded, Sngl., Lap, Bu		R.T. (Sp	ot or Full)	Eff. (%)	H.T. Temp. (F)	Time (hr)	Girth (Welded,Dbl., Sngl., Lap. Butt)	R.T. (Spot, F or Full)	. (Spot, Partial, No. of Courses or Full)				
0	Heads: (a) I		•		SA516-70		(h) I	Matl	S	A234WPB					
О.	neaus. (a)	viati			No., Grade)		(6)			(Spec. No., Grade)					
	Location (Top, Bottom, Ends)	n (Top, Minimum Corrosion, Ends) Thickness Allowance				Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter		Side to Pressure onvex or Concave)			
(a)	Ends	2.1935"	.12	25"			2:1				Conca	ive			
(b)	1 .	1.312"	.12	25"			2:1				Conce	ive			
	If removable	, bolts used	d (describ	oe other fas	stenings)										
				1.	440			, ,	No., Gr., Size, No.)	130		°F			
9.	MAWP:							ıax. temp			-test 2160				
	Min design ı					of at	440 psi . Hy	dro., pneu. or co	omb. test pressure	пуши	J-1681 2100	psi.			
TU	Purpose	ozzles, inspection and safety valve					Nom		Reinforcement	How					
(In	let Outlet, Drain	t, Drain) No. or Size Type			Matl.	Thk		Matl.	Attache c*		Location Hd-Shell				
	In-Out	2	4"		OLWN	SA105 SA105			weld weld	C*		Sump			
	LC PSV	1	3"		0LWN 0LWN	SA105			weld			Shell			
	Sump			SA106-1			weld	c*		Shell					
L			Yes					Saddle	/ Skirt Atts	Weld	led to shell	and sump			
11	I. Supports: S	Skirt		Lugs	(No.)	Legs	Other		7100						
12	2. Remarks: N	Manufacturer	's Partial I	Data Reports	properly iden	tified and signed	by Commissioned	Inspectors have b	ibe) een furnished for the fo	ollowing items o	f this report:				
	Modco C	losure #H	E-95, C	onroe, T	K, Certific	ate #17,142,	Cylinder # M	K3708, Valme ame and identifying	ont, Tulsa, OK. (Jertificate #	21,072				
	54" OD X 5	'-0" S/S X	1440#	Filter Sep	arator	ame or part, item	mumber, wigi s. ik	and identifying	, stamp,						
_	*UW-16.1.	See Form	u U-4 m	anufactu	er's data re	eport supplen	nentary sheet								
								t test to -20° p	er UG-84						
<u></u>	OCD-00(b)	Exemplie	711 TOT TK		CO CIOBAN			SHOP COM							
W	e certify that t	he stateme	ents mad	e in this rei	oort are corr	ect and that all	details of design	n, material, con	struction, and work	manship of th	is vessel con	form to			
	e ASME Code	e for Pressi	ure Vess	els, Section	n VIII, Divisi	on 1, "U" Cert	ificate of Author		0,761 g	xpires $12/3$	19 <mark>1ر و ا</mark>)7			
1	ate 10-	3-96	Co. nam	ne Nation	nal Tank C	ompany			Signed	(Representativ	Souther				
-						(Manufactu		OD INCRECTI	ON .	(Representativ	<u> </u>				
		N	Iational	Tank Cor	nnany	CERTIFIC	CATE OF SH	OP INSPECTI Highway 2	87 East, Electra,	Texas 763	60				
V	essel construc					The National B	at Roard of Boiler a		sel Inspectors and						
1,	Texas	ea, notaing	j a vanu t	and emp	loved by C	Commercial L	Jnion Insurance	e Co	of Boston,	MA.	have insp	ected			
th	ne component	described	in this Ma	anufacturer	's Data Rep	ort on	0-3	, 1976 and	state that, to the be						
M	lanufacturer h	as construc	ted this	pressureve	ssel in acco	rdance with AS	SME Code, Secti	on VIII, Division	1. By signing this ce	rtificate neith	er the Inspect	or nor his			
e	mployer make:	s any warra	nty, expr	essedorim	p y ed, conce	rning the press	ure vessel/descr	ibed in this Manu	facturer's Data Repo	ort. Futhermor	e, neither the	inspector			
	110. 7				for any per	sonal injury or			y kinkl arising from	or connected	with this inst	pection /			
	late / <u>/ /</u>	/ 19, <u>/</u> 	∠ Sig	ned		ized Inspector)	0	Commissions	(Nat'l Board (incl. end	dorsements) Sta	ate, Prov. and N	No.) 016.10			

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

File <u>E96-833</u>

	National Tank Co Oil & Gas Corp.		name and address of manufactuon, TX. 77046	rer)											
Y T.	ıknown	(nar	ne and address of purchaser)												
Social of installation	IRIIOWII	(name and address) Filter Separator EL-2D45003-01													
ype: Horizontal		Filter Separator (tank, separator, heat exh., etc.)		EL-2D4500 (mfg's serial no											
(horiz,, vert., c	or sphere)	D-96583 R 0		1983	1996										
(CRN)		(drawing no.)	(Nat	(Nat'l. Bd. no.)											
Data Report Item Number		Rem	arks												
e 10 Continued:	Connections	(3)1" (2)3/4" (2)1/2" THRD		00# weld c* Vess	el & Sump Shel										
	Manway	1 26" Series 600 Modco C		weld c* Head											
•															
!															
		N 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-													
			, <u> </u>												
			2. 2												
,			//												
rtificate of Authorization:	Туре	No. 10,761	Expires 12/31	,19 97	1										
rtificate of Authorization:	Туро	No. 10,761	1	1 0											
te 10-3-96	Name National T	ank Company	Signed	Henry Son	Mula										
te 10-3-96		(manufacturer)	Commission	2# 9710 (representati	ガカハ										

\I.	04500 	A Pa	art of	a Pres	sure Va	essel l	Fabri	icate	d by	AL DATA R One Manufa SME Code I	actur	er fo	r Anoth	er Manufa	cture	, E 60	314
1 M.	inufactured and									21 BOX 1							
	enufactured for				, HWY						6360	Manufacti	MGN A.	LKFUKI KI	<u> </u>	NRUE,	rx. 7/30:
3. Loc	cation of installa	ition _	UN	KNOW	N .					(Name and address o	of Purchase	er)					
4. Tyı	pe: MODO	O FI	GURE	50υ	CLUSUF	Œ (]	L)	26"		HE-95	1 address)				N	A	
	NA	Desc	ov to nouters	10 &	nell, two-piece	265		MODO	CO TN	DUSTRIES	IN	-			(C)	1996	
5 AC	(Nat'l, Bd. No			(1	1995						ng prepare				NA	IYear bu	N(f)
(5	ME Code, Secti Subs)			`		ind Addend	a (date)				Case No.			Spec		per UG-120(d)	
6. She):	T					II length	(ft & in.):			<u>NA</u>				
No.	Course Diameter, in.	Length,	ft & an.	Spec	Material	HE 1	Thickr	Corr.	Type	Long. Joint (Cat. Full, Spot, Non-		EH.	Type	m. Joint (Cet. A, B. Full, Soot, None	& CI Eff.	Prest 1	Treatment
1.	23.25	1.2"		SA-	350LF	2 1.	375		S	NONE	N.		NA	NONE	NA	NA.	NA NA
				<u> </u>													
•	laps) sds: (a) SA	5]	L6 701	N N				·	1	4.	Щ.						
		1	iMat'i S	ipec. No., (Grade or Type)	H.T. – Time	& Temp	ρ.		(b)			(Mat'i Spec	No., Grade or Type	H.T Time	e & Temp.	
	Location (Top. Bottom, Ends)	Thick Min.	Corr.	Crown	ladius Koushie		tical		onical	Hemispherical	- 1	Flat	-	to Pressure		Category A	
(a)	END	1.52	NA	NA	NA	2:	1	Ape	x Angle	Radius	- i	rmeter	Convex	CONCAVE	Type	Full, Spot, Non	
(b)											 -			CONCAVE	NA	NONE	NA NA
10. Hy	ydro., pneu., or ozzles, inspectio Purpose (Iniet. Altet. Drem. etc.) PAV	comb. te	Diame or Se	/e openi	N FIEL ngs: Flange Type CHREAD	Nozzie	Mateni	lindi Pr	oof test	no and the componen	itis) impac	Reinfo	rcement terrel	NO A	ittached Fian	ge (in	Locetron sp. Open.)
	opports: Skirt	NA (Yes or	ng)	Lugs	NA (No.)	Legs	NA IN	10.1	Others	. ((Describe			tached N		Where and how	PE SIZE
3. Re 	NO	N COR	ROSI	VE AN	NON OI	LETH	IAL	SER	VICE	S	(3A	A) N	O CON	NECTIONS	OVER	(2" PI	PE SIZE
					EQUIR ERIAL	ED PE		IGN		H UW-11 & CTIONS BY		OCO	INDUS'	TRIES	-		
the	certify that the ASME Code for ertificate of Aut	statemer Pressure	nts made Vessels	in this	report are	correct s	RTIFIC and th	CATE C	OF SHOI	P/FIELD COMPLI f material, const	ANCE	, and v			Sure ves	Sion	form to
the s Man emp	employed by pressure vessel ; ufacturer has co lover makes any his employer shi	part desc enstructe warranty	COMME ribed in t d this pre y, express ite in any	this Man essure vi sed or in	ufacturer's essel part in polied, con	the Na ON IN Data Ro n accord	tional ISUR sport of lance the pre	Board ANCI on C	of Boile E COI 29- (SME Co	P/FIELD INSPECT r and Pressure V MPANY 26 , 19 20 , 19 21 , 19 22 , 19 23 , 19 24 , 19 26 , 19 27 , 19 28 , 19 29 , 19 20 , 19 20 , 19 20 , 19 20 , 19 21 , 19 22 , 19 23 , 19 24 , 19 26 , 19 27 , 19 28 , 19	of Division	and ston 1. B	BOST(ate that, t y signing t urer's Date	ON MA. o the best of m this certificate in Report. Further	y knowli neither ti	have insedge and being the Inspector seither the Inspector	spected lief, the
Date	09-06-			7.4	zres	dinorcus		1-0	Ce-	Commis			(Nat') for			S ovence and No.1	
2/91)		Trus f	form (EQ	5121) m	ay be obta	uned fro	m the	ASME	Order I	Dept., 22 Law D	rive, Bo	x 230	O, Fairfiek	4, NJ 07007-2	300	REP	PRINT 9/92

TO Q.C. 9-10-96

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 Code Rules, Section VIII, Division 1



				,	-,													
1. Ma	nufactured and	certified	by V	almo	nt/Tul	.sa, 8	301	Nort					, OK	741	10			
2. Ma	nufactured for	NATO	20, 1	BUSI	NESS E	IWY. 2	287,	ELI	ECTRA	A, TX	K 76.							
3. Loc	ation of installa	ition <u>I</u>	JNKN(NWC														
4. Type: SHELL MK 3708 NA																		
NA BS11265 Valmont/Tulsa 1996																		
E AC	(Nat'l. Bd. N		Vic. 1	_199	Drawing No.)					Orawing p	repared by)		NA		(Ye	ar built)		
	ME Code, Secti			ON	Edition and	Addenda (date				Code Case	5 1 - 0 11			cial Service	per UG-120(d)		
6. She):	OIN				length	(ft & in.):						- 			
No.	Course(s) Material Dlameter, in. Length, ft & in. Spec./Grade or Type					Nom.	Corr.	Туре		oot, None	Eff.	Туре	Full, Spot, None	& C)		leat Treatr	Time	
1	 	5'-0'		+	16-70N				FUI		NA	+	NONE	N.			IA	
		54 OB 5 -0 SA-510-70N				•												
7. He	ads: (a) <u>NC</u>	ONE	(Mat'l	Spec. No.,	Grade or Type) H.	T Time & Ten	np.		(b)	NO.	ONE	(Mat'l Spe	c. No., Grade or Type	s) H.T. — Ti	me & Temp.			
Γ		Thick	iness		Radius	Eura)		:1		hariaal .	Flat	Si	de to Pressure		Categ	ory A		
L	Location (Top, Bottom, Ends)	Min.	Corr.	Crown	Knuckle	Elliptical Ratio	- 1	onical x Angle		Hemispherical Radius C		Conve			rpe Full, Spot, Nor		one Eff.	
(a)	NA	NA	NA			NA_					NA	NA		ļ	NONE	<u> </u>	NA	
(b)	<u> </u>	<u> </u>	l			T 70	Ш.		<u> </u>			1	<u> </u>				<u> </u>	
If remo	ovable, bolts us	ed (descr	ibe othe	r fasteni	ng) <u> </u>	VA				(Mat	T Spec. No., Gr	ade, Size, N	0.1					
8. MA	WP NA	1	(external)	_ psi	at max, temp	, NA	rnal)	NA lextern	o [F. M	in. design r	netal ten	op. NA	°!	at <u>r</u>	ĮA.	psi.	
9. lm;	pact test (Y	ES) SI	HELL	<u>@-20</u>	F.	.,		 										
10. H	ydro., pneu., or	comb. te	est press	N	IA.			cate yes or	16	VA	impact tested							
	ozzles, inspecti				ings: NOI	10												
	Purpose (Inlet,		Dian	neter	Flange	Mate	erial		Nozzle This	ckness	Reinf	orcement	How	Attached		Loca	ation	
0	utlet, Drain, etc.)	No.	or		Туре	Nozzie	Flange		Nom.	Corr.	1	aterial	Nozzie	FI	ange	(Insp. Open.)		
	······································		<u> </u>											_				
														-				
												·						
12. S	upports: Skirt	_NO	or no)	Lugs	NA (No.)	Legs _	NA_	Other	s <u>N</u>		scribe)		Attached	NA	(Where and	howl		
13. R	emarks: We	ld p	roce	dure	es qua	lifie	d ir	ı bo	th "7	AS-W	ELDED	" an	d "PWHI	'" C	ondit		1	
_	Va	lmon	t. no	t_re	spons	ible	for	des	ign (cons	<u>idera</u>	tion						
_	MATERI.				2.37!	5"***	*	D	O# E	6243							-	
	-UUB # -	41././	3-30		- · · · · · · · · · · · · · · · · · · ·	CERTII	FICATE		P/FIELD C									
We	certify that th	e statem	ents mad	de in this	s report are c							workma	nship of this pr	essure :	vessel par	t confo	rm to	
the	ASME Code fo	or Pressu	re Vesse			ion 1.					0.0		0.0					
U	Certificate of A		on No.	_21	1,072	· · · · · · · · · · · · · · · · · · ·	Expir	res	Febr	uary	28		, 19 98	14	- _	0 _	-	
Da	te <u>9-/3</u>	-96	Nam	e	Valmo	ont/T	ulsa (Manufe					Signed	Say	Kepr	entative	ay		
						CERTI	FICATE	OF SHO	P/FIELD I	NSPECT	ION							
1, 1	he undersigned									ssure Ve				Provinc	e of _(OK_		
1	d employed by				L_Unio					. 01	•		on; MA			ve insp		
	pressure vesse								13- ,	-			t, to the best of					
1	nufacturer has iployer makes a																	
	r his employer s																	
Da	te <i>9-13</i> .	ar	Signed	1		(DOM)	111			Commiss	,	[K]	1. # 25	/				
						uthorized Inspi	ecyon)	.,				(Nat	'I Board incl. endorser	nent, Stati	, Province an	a Na.)		