FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS P.O. NO: 4500146159 (Alternative Form for Single Chamber, Completely Shop or Field Fabricated Vessels Only) ITEM NO: AR-250 As Required by the Provisions of the ASME Boiler and Pressure Vessel Code Rules, Section VIII, Division 1

					***************************************							***************************************						
1.	Manufactured an	d certif	ied by:		Ge	a Rai	ney Corp	oration, 5	202 We	st Chann	el Road	, Cato	osa, OK	74015				
2	Manufactured and certified by: Gea Rainey Corporation, 5202 West Channel Road, Catoosa, OK 74015 (Name and address of Manufacturer) Manufactured for: NEXEN INC. ACCOUNTS PAYABLE DEBT. CANADIAN OIL & GAS DIVISION BOX 2727, STATION M CALGARY AB T2P 5C1 CANADIAN OIL & CANADI											NADA						
	(Name and address of Purchaser) Location of installation NEXEN INC. CANADIAN OIL & GAS DIVISION CDNO&G-NORTH EAST BC CANADA																	
			ressei	Q.	8161-1-A				Name and	lame and address) 8161010 HDR			3248		201	2		
4. Type: RECTANGULAR VESSEL (Horizontal or vertical tank) (Ma					rer's serial n	K8664.1				REV 2			Board num	ber)	(Year E	Built)		
	The construction of the co		100-100-100-100						,		DOIL C	AND DO	ECCLIDE	ECCEI				
5. CC	The chemical and ODE. The design, o	d physic constru	cal propertie: ction, and w	s of all pa orkmansh	rts meet ti ip conform	ne requirements of material specification of the to the ASME rules, Section VIII, Division 1					IE ASME	2010						
										Year N/A								
to		0 enda(da	te)}			N/A (Code Case numbers)			{S _I			{Spe	pecial Service per UG-120(d)}					
6.	Shell: SA516-70N+S5				FT: 1							0 1/0			FT: 2' 2" x 11' 1 1/8"			
	// // //			40)	RT: 1			(Corr. Allo	147		RT: 4 1 (Inner diam			RT:1' 8 1/2" \times 11' 1 1/8 (length overall)				
(Material spec. number, grade)				,				vv.)										
7. Seams: CORNER JOINT N/A					00%	1175±25 H.T. ten				/A N snot lan	butt)]	N/A RT (gyntor						
8. Heads: (a) SA516-70N+S5 (b) SA516-70N+S5 (Spec. no. grade) (Spec. no. grade)																		
	r (* 775	y	Thicknes	and the same of th	1	Radius				onical	Hemispl		Flat	Sid	e to Pres	SIIIE		
	Location (Top, Bottom, Ends)		Min.	Corr.	Crown		Lnuckle	Elliptical Ra	Tick	ex Angle	Radi		Diamete		ex or Co	1		
(a)	TOP & BOTTOM	1 1	1/4" / 7/8"	1/4"	SPAN		4"/5 1/4"	N/A		N/A	N//	4	**	N/A		N/A		
(b)	END PLATES		1"	1/4"	SPAN	7 1/	4"/5 1/4"	N/A		N/A	N/ <i>A</i>	4	***	N/A		N/A		
If removable, bolts used (describe other fastening)																		
(Material spec. number grade, size, number)																		
9. MAWP 677 PSI 15 PSI at max temp. 212°F												300°F						
(Internal) (External) (Internal) (External)																		
Mi	in. design metal te	emp.	-49°F at		677 PS		Hy	<u>dro.</u> , pneu.	or comb	o, test pre	essure		881 P	SI Pro	of Test	N/A		
10). Nozzles, inspect	ion, and		e opening		4		I M. I TI		D . C		Å 41.	F	Nata i Ia	Loca	tion		
Inle	Purpose at, Outlet, Drain, etc.)	No.	Diameter or Size	Type	Nozzle	/ateria	Flange	Nozzle Th	Corr.	Reinford Mate	-		zzle	Flange	(Insp.			
	****	2/2	8" 300#	PIPE/	SA333 G		····	S/160	1/4"	INTEG			6.1(a)	N/A	FTHE			
1	NLET/OUTLET	2/2		RFWN	SEAMLE SA350-L		CLASS 1		•				6.1(a)	N/A				
	VENT/DRAIN	1/1	2"	RFLWN	CLASS	1	N/A	300#	1/4"	INTEG					RT HE			
11	. Supports: Skirt	(N/A Yes or No)	Lugs	(1)111000000000000000000000000000000000	N/A mber)	Leg	gs N/A (Numb	of the Personal Property lies	thers	CLAMP (Descrit		Attach		LTED TO Vhere and			
	2. Remarks: Manul			ta Reports	s properly	identif	fled and s	signed by Co	mmissio	ned Inspe	ectors hav	ve beer	n furnishe	ed for the	following	3		
į	tems of the report	: <u>N/</u>	A	ZI into them	nama of m	d Home	number !	Manufacturer's	c (201726) 04	nd identifier	na stama)					20,000 000 000 000 000 000 000 000 000 0		
TI	JBES: (428) SA213	-316L (UNS 5316031	1" O.D. x	0.065" MV	× 34	STRAIGH	T & FINNED	BUNDL	E: (8) ROV	VS (2) PA	SS / UT	& RT PEI	R CUSTOM	ER SPEC	5		
TUBES: (428) SA213-316L (UNS S31603) 1"O.D. x 0.065" MW x 34' STRAIGHT & FINNED / BUNDLE: (8) ROWS (2) PASS / UT & RT PER CUSTOMER SPECS CHARPY IMPACT TESTING EXEMPT: NOZZLE PIPE & FLANGE: UCS 66(g) / CHARPY IMPACT ON PLATE: 15/10 FT-LBS @ -49°F [-45°C] * FT: 1HR 15MIN RT: 1 HR																		
CONSTRUCTED IN ACCORDANCE WITH APPENDIX 28 ** FT: 7 1/4 × 11'1 1/8" RT: 5 1/4" × 11'1 1/8" *** FT: 7" × 1' 11 1/2" RT: 5" × 1' 6 3/4" CERTIFICATE OF SHOP/FIELD COMPLIANCE																		
		7 .											a wle na a n	ship of this	- voccol			
W	e certify that the s form to the ASME	stateme	ents made in	this repo	rt are corr	ect an	a that all	details of de	asign, m	ateriai, co Certificate	of Autho	n and v rization	vorkinari: n Numbei	1200	7			
	oires 3 JUNE		and Pressure	e vesser c	oue, secu	DII ATT	I, DIVISIOI	1 1.	0 (ceruncate	Of Autho	n IZGLIOI	HAGHIDGE	/2				
	11.1				C D.				Cimma	m)			and an	Charge				
Da	ate <u>6/24//</u>	Pr CO	. Name		CONTRACTOR AND ADDRESS OF THE PARTY OF THE P	nufacti	rporation		Signe	U	-7		(Represe)	tative)	<u> </u>	000000 Oneron		
********				CED				OP/FTF	DIN	SPECT	TON							
Vessel constructed by Gea Rainey Corp., 5202 West Channel Rd at Port of Catoosa, OK 74015																		
	the undersigned,		a valid com	mission is	sued by the	e Nat	ional Boa	rd of Boiler	and Pres	sure Vess					rovince	of		
		Ok	lahoma		a	nd em	ployed by	γ	,	TUV Rhe	einland.	AIA S	ervices,	LLC.				
ha	eve inspected the	compo	nent describ	ed in this	Manufacti	ırer's	Data Rep	ort on		44	11		~ n .11		state th	at,		
to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME Boiler and Pressure vessel Code, Section VIII, Division 1. By signing this certificate neither the Inspector nor his/her employer makes any warranty, expressed or																		
ir	mplied, concerning	the or	essure vesse	describe	d in this N	anufa	cturer's D	Data Report	Further	rmore, ne	ither the	Inspec	tor nor h	s/her emp	oloyer			
implied, concerning the pressure vessel 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.																		
	0/20	1/10		11	(c)	11	(1)	1 /	***************************************		1/13	17	Cycy	741	19	327		
Da	ate 0/27	110	Signed		7	1000	horized Ins		ommissi	ons [National B	gard (incl.	endorse	ments) of	ate. Provinc	e and mir	nber1		
,,,,,,,,,					id	luce	IZ-W-W IFIC	diam's		L. 100 11 11 11 10 10 10 10 10 10 10 10 10	Treat Present							

FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS P.O. NO: 4500146159 (Alternative Form for Single Chamber, Completely Shop or Field Fabricated Vessels Only) ITEM NO: AR-260 As Required by the Provisions of the ASME Boiler and Pressure Vessel Code Rules, Section VIII, Division 1

	AS K	equire	u by the r	LOAISIONS	ou uie A	Sinir	. DONCI OI	id ricoodi	- 400	001 0000								
Manufactured and certified by:							Gea Rainey Corporation, 5202 West Channel Road, Catoosa, OK 74015											
	Manufactured for			NC. ACCOU	(Name and address of Manufacturer) LE DEBT. CANADIAN OIL & GAS DIVISION BOX 2727, STATION M CALGARY AB T2P 5C1 CANADA													
3.	Location of install	INC	(Name and address of Purchaser) INC. CANADIAN OIL & GAS DIVISION CDNO&G-NORTH EAST BC CANADA															
4.	. Type: RECTANGULAR VESSEL R-8161-1-B						K8664.1 K8664.13			ame and address) 8161010 HDR REV 2			1249		2012			
(Horizontal or vertical tank) (Manufacturer's serial nur							V8800.2 mber) (CRN)			The state of the s			nal Board number)			(Year Built)		
5.	The chemical and	l nhysir	al propertie	s of all par	ts meet th	e re	quirements	of material	specif	ication of th	ne ASME B	OILER	R AND PRESSURE VESSEL					
CC	DE. The design, c	onstruc	ction, and w	orkmanshi	p conform	to the ASME rules, Section VIII, Divisi						Year						
to		0				N/A (Code Case numbers)				N/A {Special Service per UG-120(d)}								
_		enda(dat			ET: 1						FT: 6 7/8	,				T: 2' 2" x 11' 1 1/8"		
ь.							1/8"			RT: 4 1				************************	RT:1' 8 1/2" x 11' 1 1/8 (length overall)			
	(Material spec. number, grade) (Nominal th									(inner diameter) N/A				*	100% N			
7.	7. Seams: CORNER JOINT N/A 10 [Long. (welded, dbl., sngl., lap, butt)] [R.T. (spot or full)] (Eff						H.T. tem		hr) [G	irth. (welded, d	DI., sngl., lap, i	outt)] (N/A R.T. (spot or					
8.	2 3 4	A516-7	5 55 55				(b) SA516-70N+S5											
			Thickne	(\$pec. no	grade)	Radio	10		1	Conical	(Spec. no. Hemispherical		grade) Flat	Sid	le to l	Pressure		
	Location (Top, Bottom, Ends)		Min.	Corr	Crown		Knuckle	Elliptical Ra	Apex Angle		Radius		Diamete		(Convex or Con			
(a)	TOP & BOTTOM	1	1/4" / 7/8"	1/4"	SPAN		1/4"/5 1/4"	N/A N/A		N/A N/A	N/A N/A		**	N/A N/A		N/A N/A		
(b)	END PLATES		1**	1/4"	SPAN	1/1	1/4"/5 1/4"	IN/A		IN/A	14/74			1 1474	\$			
If	removable, bolts u	escribe othe	er fastening	(Material spec. number grade, size, number)														
9.	MAWP 6	77 PSI			at max temp. 212°F 300°F													
	,	internal)		(E	(Internal) (External) Hydro pneu or comb, test pressure 881 PSI Proof Test N/A													
Mi	n. design metal te	mp.	-49°F at	- New	677 PS	Hydro., pneu. or comb. test pressure 881 PSI Proof Test N/A												
10	. Nozzles, inspecti	on, and			5:	Lotan	ial	Nozzle Th	ickness	Reinford	rement	Atta	ichinent I	Details		Location		
Inic	Purpose t, Outlet, Drain, etc)	No Type		Nozzle	Flange Nom.			Corr	~~~~~~			Nozzle Flange			isp. Open.)			
I	NLET/OUTLET	2/2	8" 300#	PIPE/ RFWN	SA333 GI SEAMLE		CLASS 1	S/160	1/4"	INTEC	RAL		6.1(a)	N/A	FT	HEADER		
	VENT/DRAIN	1/1	2**	RFLWN	SA350-LI CLASS	2	N/A	300#	1/4"	INTEC			6.1(a)	N/A		HEADER		
11	. Supports: Skirt		N/A Yes or No)	Lugs	/A Legs N/A Others CLAMPED Attached BOLTED TO FRAME mber) (Number) (Describe) (Where and how)													
12	. Remarks: Manuf		ita Reports	dentified and signed by Commissioned Inspectors have been furnished for the following														
	tems of the report	Α		t, item number, Manufacturer's name and identifying stamp)														
TL	JBES: (428) SA213	-316L (UNS 531603	1"00 v	y 34' STRAIGHT & FINNED / BUNDLE: (8) ROWS (2) PASS / UT & RT PER CUSTOMER SPECS													
CH	IARPY IMPACT TEST DISTRUCTED IN ACC	ING EXE	MPT: NOZZLI CE WITH APP	E PIPE & FLI ENDIX 28 *	ANGE: UCS- * FT: 7 1/4	56(g) / CHARPY IMPACT ON PLATE: 15/10 FT-LBS @ -49°F [-45°C] * FT: 1HR 15MIN RT: 1 HR x 11' 1 1/8" RT: 5 1/4" x 11' 1 1/8" *** FT: 7" x 1' 11 1/2" RT: 5" x 1' 6 3/4"												
				CER	TIFICA	TE	TE OF SHOP/FIELD COMPLIANCE											
COD	e certify that the storm to the ASME	stateme Boiler	ents made ir and Pressur	this repore	ect and that all details of design, material, construction and workmanship of this vessel on VIII, Division 1. "U" Certificate of Authorization Number 12007									5501				
	ires 3 JUNE			. , , , , , ,														
Da	ate <i>8/21/13</i>	2 Co	. Name				Corporation turer)		Sign	ned			Represe	(Native)		***************************************		
				CER				OP/FIE	LDI	NSPEC	TION	or the second	Concept	, itturity				
Ve	essel constructed b	ру	Gea Rai	nev Corp	est Channel Rd at Port of Catoosa, OK 74015													
I,	the undersigned,		ı a valid con lahoma	nmission is		e National Board of Boiler and Pressure Vessel Tyspectors and/or the State or Province of TW Rheimand AIA Services, LLC.												
ha	ave inspected the	compo	nent describ	oed in this	Manufacti	rer's Data Report on ,and state that,												
VIE	essel Code Section	VIII	Division 1. F	ly signing	this certific	has constructed this pressure vessel in accordance with ASME Boiler and Pressure ate neither the Inspector nor his/her employer makes any warranty, expressed or												
ir	mplied concerning	the nr	essure vess	el describe	d in this N	lanu	facturer's R	ata Report.	Furth	nermore, ne	either the 1	inspec	tor nor I	nis/her em	ploye	er		
S	nail be liable in an	y manr		1/	operty damage of a loss of any kind arising from or connected with this inspection.													
Date 8/24//2 Signed							(Authorized Inspector) [National Board (incl endorsements) State, Province and number								d number)			
								a de la constante de la consta		- Annual Constitution Constitut								