FORM U-1 MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS (4)6337/ As Required by the Provisions of the ASME Boiler and Pressure Vessel Code Rules, Section VIII, Division 1

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1. Manufactured and certified by: ALCO GAS & OIL PRODUCTION EQUIPMENT LTD. – 5203 75 TH STREET, EDMONTON, ALBERTA T6E 5SS, CANADA (Name and address of Manufacturer)														NADA							
2. 1	1anufacture	ed for:	_			DEVON	CANADA	COF	RPORAT		– SÙ	JITE 2000,	400 3 RD	AVEN	IUE SŃ		Y, AB,	T2P 4	H2		
3. l	ocation of i	installa	tion	_					FE			e and addres P PROJECT	۲ (LSD: 1	l1-02		8 W5M)					
4. 1	ype:		Н	ORIZON	TAL			(Name and address) CLOSED HYDROCARBON DRAIN VESSEL										2013-8	3440-01A		
	4011			vertical,	or sphere)	R440-01	-001/002	(Tank, separator, jkt vessel, heat exch., etc.) 002 R0 N/A								(Manufacturer's serial number) 2014					
W-3166.2 D-2013-8440-01-00 (CRN) (Drawing numb 5. ASME Code Section VIII Div 1 2010 EDITION 2011									mber)			National Board number					(Year built)				
5. A	SME Code S	11a ADD lenda (date	<u>A</u> _		N/A (Code Case number)					-	N/A [Special Service per UG-120(d)]										
Iten	ıs 6-11 inci	l. to be	comple	ted for s	-		•		cketed	vesse	els, s				s, or c				iber vessels.	.71	
6. Shell (a) Number of course (s):									2			(b) Overall Length:				20′-0″ S/S					
···	Cou	rse(s)	······································		Materia	 	Thickness			Long. Joint ((Cat. A) Circum			um. Joint (C	m. Joint (Cat. A, B, &			Heat Treatment	
No.	Diameter Length				Spec./Grade or Type			Nom. Corr			эе	e Full, Spot, None		Eff.	Туре	Full, Spot, None				Time	
2	78" ID	78" ID 1			SA516-Gr.70MT		0.375"		1/16"	11		FULL	1000		6 1	SPO	<u>T</u>	70%	N/A	N/A	
	······································		***************************************							-					+			<u> </u>	 		
7. Heads: (a) SA-516-Gr.70MT (b) SA-516-Gr.70MT																					
7. H	eads: (a)	/Material co		snec nu	SA-516- mber grade			1 & a	temn)	_ (b)} _		(Material con			A-516-Gr.:	70MT ype) (H.T. – ti		ime & temn)		
	Location	50	`	kness		idius	Ellipti		Т	nical	Hon	emispherical	1	3,000.		o Pressure	1957 1		Category A		
	Bottom,		Min.	Corr.	Crown	Knuck			Apex A		'''	Radius	Diamete	r 📉	Convex	Concave	T	ype	Full, Spot, Non	e Eff.	
(a)	ENI)	0.330	1/16"	N/A	N/A	۷ 2	:1	N/	Α		N/A	N/A		N/A	CONCA	/E N	/A	N/A	N/A	
(b)	EN)	0.330	1/16"	' N/A	N/A	1 2	:1	N/	Α		N/A	N/A		N/A	CONCA	VE N	I/A	N/A	N/A	
If removable, bolts used (describe other fastening) N/A																					
(Material spec. number grade, size, number) 8.Type of jacket N/A Jacket closure N/A																					
,	flan atra	سد مدالت				·············									((Describe as				-16-1-	
1	f bar, give	umens	SIONS							N/.	Α	·····					— 11	DOILE	d, describe or	skettn	
9. M		0 PSIC		15 PSIC		nax temp	******	300			300°		Min. des	sign r	netal te	emp. <u>-</u> -	49°F	at	50 PSIG		
.0. In	npact Test	Internal		(External MPT PE	R UCS-66		D' & FIG Ì	JCS-		LANG	ES I		6(g) & U	CS-6	7(a)	at te	st tem	oeratu	re of <u>N/A</u>		
1 14	ydro., Pneu	or co	umh tart	proce	3		or no and t		i.	nt(s) ir Proof		-				N3	/A				
	12 and 13						TATIC O.	<i>3</i> F 3	1G P	1001	1650	<u></u>				14,	/ PA				
		10 06 (•	,	ive section	٠															
12. Tubesheet N/A N/A N/A N/A N/A N/A (Stationary (Material spec. number)] [Diameter (subject to press.)] (Nominal thickness) (Corr. Allow.)													ΓAt	N/A [Attachment (welded or bolted)]							
	_	N/	Α	N/A	N/A			N/A			N/A				N/A						
3 Ti	thes	Floating	g (Material N/		mber)]	84.0	(Diameter) N/A			(Nominal thickness) N/A			(Corr. Allow.) N/A			(Attachment) N/A					
.3. Tubes											(Nominal thickness) (Number) [Type (Straight or										
tems 14-18 incl. To be completed for inner chambers of jacketed vessels or channels of heat exchangers.																					
.4. Sł	nell (a) Nur	mber o	f course	(s):	·····	22	(COIL)			(t	o) O	verall Leng	th:				80′-1	0 3/4" 5	S/S		
Courses Material Thickness Long, Joint (Cat A) Circum, Joint (Joint (Cat.	Cat. A, B, & C) Heat Treatment						
	Diameter Length			Spec./Grade or Type					orr. Type		Full, Spot, No		ne Eff.		Type Full, Spot, N			Eff	Temp. Time		
2	NPS 2 NPS 2				SA-333 Gr.6 SA-312-316L			344" 1/16" 218" 0"		S S	N/A N/A		85% 85%		1	1 NONE 1 NONE		70% 70%	N/A N/A	N/A N/A	
2	NPS 2				SA-312-31		0.218"			S	+	N/A	85%		1	NONE		70%		N/A	
- 11	\			. 2501			0.00101			0.5				^ • ^ •	.01.50	31.4 AUDO 2	~ ~ ~ ~ ~	D. P. L. L.			
.5. H	eads: (a)				F2 CL1 NPS ber grade of	0 RFWN I.T. – time & te		mp)	(b)		······································	SA Material spec			CL1 NPS 2 grade or typ						
ioi	Location (Elliptical		Conic	cal F	Hem	ispherical	Flat			Pressure	[<u>.</u>		Category A		
	Bottom, E		Min.	Corr.	Crown	Knuckle	0-1-		Apex Ar	0.0303.00		Radius	Diameter		Convex	Concave	Туре	Ful	I, Spot, None	Eff.	
(a)	END		0.344"	1/16"	N/A	N/A	N//		N/A			N/A	N/A		N/A	N/A			N/A	N/A	
(b)	END)	0.344"	1/16"	N/A	N/A	N/A	4	N/A			N/A	N/A		N/A	N/A			N/A	N/A	
If re	movable, b	olts use	ed (descr	ribe othe	er fastenin	g)								N/A							

(Material spec. number grade, size, number)