CEL Qua	ality Services Ltd. VISUAL INSPECTION Tel: (403) 845-5881 • (403)												ı • (403) 844-3341		
*	Pressure Equipmer	nt Inspection					REPORT	·							
Type of Inspection		TALLATION		EXTERN		☐ INTE	RNAL	☐ IN SERV				SERVICE		VENTORY	
Date:	28/Mar/2022		<u></u>	Job #:	<u></u>			*all measurements are in inches unless otherwise stated *ns-not stated *na-not applicable							
Inspected By:	Ben Piers		<u> </u>	CEL Job #:	<u> </u>										
Client:	Pipestone Ene							Pre Purchase Inspect	tion						
Owner:	Pipestone Ene	rgy Corp.						PO# E22-191-PO-01							
Region:	Alberta							Service PSV prior to r	returning to service	j					
Area:	Sunchild		Location/		01-04-044-11	ιw5		_							
Facility:	Compressor		LSD:	UWI/DH:	↓			_							
Service:	Sweet		if other de					_							
Description:	∨ Vessel	∐ EXC		☐ Tank	☐ Furna	ce 🗆 E	Boiler	_							
Unit #:	BU-640		Equip #:					4							
Equip. Name:	Pulsation Dam	ipner	Equip. Type:					_							
Jurisdiction #:	ns		CRN:	0H5670.21	13			ļ,	т——			T			
Manufacturer:	Coorstek			1		_		Diameter OD (in):				Height/Len	gth (in):	17	
Serial No.:	C1216058A				Year Built:	1	1	☐ PSV on Vesse			☑ Pi				
Volume:	ns					PSV Data:		ion Valve(s) Installed			_	☐ CRN:		3S 669043	
Zones:	MAWP	Des. T	MDMT	Op.P	Op.T	Set P	Tag #	Manufacturer	Serial No.	In	Out	Capacity	Serv. Co.	Serv. Date	
Shell Side:	2100	150		0	ns	1830	27119R	Crosby	C08-3022 8	1.5	2	185	RMV	Apr. 16, 2015	
Coil Side:	na	na	na	<u> </u>	'										
Units	PSI	F		PSI	F	PSI						GPM			
Components:		Nominal (in)	Sgl./Dbl/	Weld	Calc. Trim	Retire t	CA (in)	UT TML	Lowest t	Acc.	Ret.	Dia. (OD),(in)	RT	HT	
Shell:	ns	ns	 	<u> </u> '	<u> </u>	<u> </u>	ns	00	0.457	$\overline{\mathbf{A}}$			ns	Yes	
Head:	ns	ns	 '	└ ──'	 '	<u> </u>	ns	<u> </u>	<u> </u>			4.5		<u> </u>	
Tube/Coil:	<u> </u>	ļ	 '	└ ──'	 '	<u> </u>	<u> </u>	<u> </u>	<u> </u>	ᄖ	ᆜ	<u> </u>		<u> </u>	
Channel:	<u> </u>	<u> </u>	<u> </u>	<u> </u>	 '	<u> </u>	<u> </u>			Ш				<u> </u>	
Other			لــــــا	'	<u> </u>	<u> </u>				Ш	Ш				
Manway/Port:	Port	Size (in):				rm Present		vit Arm Greased	☐ Double	Nutte	:d	Condition:			
Nozzles:		ement pads i				loles Present		Comment:							
		ell supported			✓ Joining a				Secure and intact						
	✓ PSV Pipir	_		rains prop		✓ Well		Comment:							
	✓ Inlet Pipi	-		ree from le		✓ Well		Comment:							
Piping:	✓ Outlet Pip			ree from le		✓ Well		Comment: Secure							
	☑ Drain Pip	-		ree from le		✓ Well	coated	Comment: Secure Comment: Secure and intact							
		entation Pipir	-		Free from lea										
		Fluid Identific			Flow direction				No Labels Present		اء -				
Valves:		solation Valv			Free from lea				Acceptable, no lea	iKS HOU	2a				
valves.		ed Control Val d Drains Plu			Free from lea	3KS		Comment: None Comment: Acceptable, no leaks noted							
				Clear and i	intact v1			Comment.	Acceptable, no rea	KS HOU	20				
Gauges:	✓ Pressure		Condition		Intact x1										
Sight Glass:	☐ Tempera			None None											
Orientation:	Vertical	ei	Condition: Foundation:		Concrete	Gravel	☐ Tim	nber 🗸 Stee	el 🗌 Other:	Cc	ndition:	Skid secure an	d level on ni	ilos	
Offentation.								ibei 🖭 Jack	Condition:		Huition.	Skiu secure uni	u level on pi	les	
	☐ Saddle☐ Skirt		Seal-welded Free of debri		Free to move Comment:	3			Condition:						
Support:	Hangers		Secure		Comment:			Condition:							
	✓ Other				d level by pipir	ing			Electrical Groun	ding:	ПΠ	irect 🗸	Indirect	☐ None	
Overall:	General condi	tion:	Suitable for co			16			Condition:		•	CCC	Triuncec	LINOIC	
Ext. Surface:	✓ Painted			ire-proofe		added [Other:	T	Condition:			rahle, blue			
Ext. Fixtures:	Ladder		tform(s)		Other:	uucu _			Condition:		J 400 - p	ub.c, 5.c.			
Int. Surface:	☐ Coated	Line		hermal sp		☐ Cladde	-d 1	Wielded overlay	Condition:		al Inspe	ection Only			
Int. Fixtures:	☐ Baffle	☐ Floa		mpingeme	-	☐ Weir		Vortex Breaker	Condition:						
Recommended Ac												,		NCR#:	
Service PSV pr		ing to servi	ce												
cervice rov pr	ior to retain	ing to our vi													
Summary Co	omment:	Vessel found	to be acceptab	ole for serv	ice.			Inspection	interval:	Set by	Chief In	spector		<u> </u>	
,			tinuation page:					.,	Quality						
E			tinued service:	_	Report No.	See next pag	ge		Signature of Insp			Ben Piers			
			Certificate No:	_	70			•	Received by:						
Terms and Conditi	ditions: Refer to "Scope of Services" and "Standard of Care"									Received by: (sign)					



ULTRASONIC SURVEY REPORT

					Report #:	SN C1216058A-VE,U	T-2022-03-28				
☐ New Ed	quipment	UT Survey	✓ Existir	ng Equipment	UT Survey	☐ In-Service	Out of Service				
Client Job #:				CEL Job #:							
Client:	Pipestone E	nergy Corp.	Location:	Surface:	01-04-044-11w5						
Date:	28/Mar/2022	2	Location.	UWI/DH:							
Region:	Alberta		Access Con	siderations:	Year-Round Access						
Area:	Sunchild		Scope of I	nanaction		7	\checkmark				
Facility:	Compressor	-	Scope of t	nspection	Inventory	External	UT				
				Stati	c Data						
Equipn	nent Name:	Pulsation Damp	ner		MAWP Shell (PSI):	2100	Pre/Post 1999: Post				
Ed	quipment #:	ns			MAWP Tube (PSI):	na	Diameter (in): 4.5				
Jur	isdiction #:	ns			MAWT Shell (F):	150	CA Head (in): ns				
Ma	nufacturer:	Coorstek			MAWT Tube (F):	na	CA Shell (in): ns				
	Year Built:	2012			Shell Material: ns		Nominal (in): ns				
	SN #:	C1216058A			Head Material:	ns	Nominal (in): ns				
	CRN #:	0H5670.213					RT (Joint Eff): ns				
	Accep	tance Criteria &	Specifications:	Client Evaluation	1						
				Me	thod						
Procedure:		USB-001, Rev 0)1	Mode:	✓ Zero Degree	Shear Wave					
Equipment Type:		DMS Go		Serial No:	12105442	Last Calibration:	Jan 3, 2022				
Transducer:		0.250"		Serial No:	90849	Type/Frequency:	Duel / 5.0 MHZ				
Cable Length (i	n):	72"		Couplant:	Echo Mix - water based powder mix						
Surface Condit	ion:	☐ Clean Base	Metal 🗌 As	s Ground 🗌	Machined Sand Blast Painted Other:						
Cal Block(s):	SN#:	17-4	4164	Type:	e: 1" 4 step Block						
Notes:											
Interval:	Set by Chief	f Inspector after r	eview								

^{**}NA=Not Applicable



^{*}NS=Not Stated

CEL Quality Services Ltd.

Tel: (403) 845-5881 • (403) 844-3341 •

Pressure Equipment Inspection

PHOTOS PAGE

		Report#:	SN C1216058A-VE,UT-2022-03-28
A#: ns	S/N#: C1216058A	or Other: ns	-







Next Review date Jan 7, 2024

ULTRASONIC SURVEY REPORT

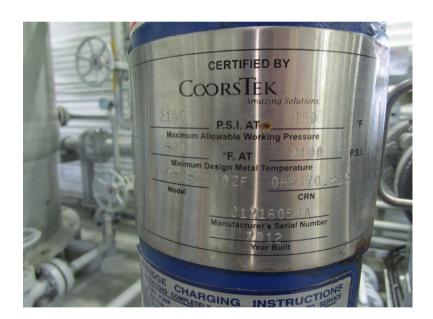


	UT Corrosion Survey Readings													
Date: 28-Mar-22	Area:	Sunchild	Equipment Name:	Pulsation Dampner	Equipment #:	ns								
Client: Pipestone Energy Corp.	LSD:	01-04-044-11w5	Jurisdiction #:	ns	SN #:	C1216058A	Job #:							

	Vessel TML Readings														
	Baseline	# of Years	Previous	# of Years	Act	ual	MAW	P (PSI)	Shell OD (in)	Shell Nom	Head Nom	Shell Stress	Head Stress	Joint Efficiency	
	2012	10	2012	10	20:	22	2	100	4.5	0.457	ns	17100	ns	0.70	Comments
TML ID	Bas	seline	Low	High	Low	High	OD (in)	ID (in)	STCR (in/YR)	LTCR (in/YR)	T min (in)	RL (YRS)	% Loss	Component	
0	0.	457	0.457	0.473	0.457	0.473	4.500	3.586	0.0000	0.0000	0.3516	50+	0.00%	Shell	

	Vessel Attachment Piping TML Readings																	
	Baseline	# of Years	Previous	# of Years	Act	ual	MAW	P (PSI)	Shell OD (in)		Stress		Joint E	fficiency				
	2012	10	2012	10	20:	22	2	100	4.5		17100		1.00					
TML ID	Bas	seline	Low	High	Low	High	OD (in)	ID (in)	STCR (/YR)	LTCR (/YR)	T min (in)	RL (YRS)	% Loss	SCH	Nominal (in)	Attached Component	Туре	Shape
5	0.	343	0.316	0.359	0.316	0.359	2.375	1.689	0.0000	0.0027	0.1120	50+	7.87%	S160	0.343	Shell	Piping	90

^{*} All readings are in inches.



Inspector:	Ben Piers	Certifications:
Signature:	BEN PIERS	ASNT Level 2 UT(SB); CGSB UT Level 1 #18240

^{*} Head and shell nominal are assumed

^{*} Vessel stress is assumed



Scope of Services

The agreement of CEL Quality Services Ltd. to perform services extends only to those services provided for in writing. Under no circumstance shall such services extend beyond the performance of the requested services. It is expressly understood that all descriptions, comments and expressions of opinion reflect the opinions or observations of CEL Quality Services Ltd. based on information and assumptions supplied by the owner/operator and are not intended nor can they be construed as representations or warranties. CEL Quality Services Ltd. is not assuming any responsibilities of the owner/operator and the owner/operator retains complete responsibility for the engineering, manufacture, repair and use decisions as a result of the data or other information provided by CEL Quality Services Ltd. In no event shall, CEL Quality Services Ltd., liability in respect of the services referred to herein exceed the amount paid for such services.

Standard of Care

In performing the services provided, CEL Quality Services Ltd. uses the degree, care and skill ordinarily exercised under similar circumstances by others performing such services in the same or similar locality. No other warranty, expressed or implied, is made or intended by CEL Quality Services Ltd.