
Section 5

Vessels

**CERTIFIED
BY**

Lo Tech[®] Manufacturing Inc.

Edmonton, Alberta, Canada

FOR

BIG GAS COMPRESSION

MAWP **.300** psig at **650** °F MDMT **-20** °F

CRN **OH09036.213**

S/N **103.56** YR BLT. **2010**

SERVICE **FUEL GAS** **W-RT1-HH**

Certificate Of Compliance

I Hereby Certify That The Below Registered Category "H" Pressure Fitting Has Been Designed, Manufactured, and Pressure Tested In Accordance With The Alberta Safety Codes Act, CSA B51 And ASME Section VIII, Division 1, 2007 Edition, 2009 Addenda.

CRN	0H09036.213				
S/N	103.56				
Diameter	10.75	Inches	Overall Length	32	Inches
Year Built	2010				
MAWP	300	PSIG	@	650	°F
MDMT	-20 °F				
C.A.	0.125	Inches			
Radiography	RT-1				
PWHT : Time	60	min.	Temp.	1150	°F
Hydro Tested @	395	PSIG			

	Material	Thickness
Shell	SA-106 Gr. B	Sch 40 - 0.365"
Head 1	SA-234-WPB	Sch 40 - 0.365"
Head 2	SA-516 Gr. 70N	1"



Quality Control Manager
Dennis Klokoeki

December 7, 2022



Client: Optimized Oilfield Inc		Material: Carbon Steel		Date: Jan. 17, 2023
Location: CALGARY SHOP		Codes: Client Information		Dispatch #: 47192
Job#: NDT TEST UNIT E3ORBT-112; PO#: 112-23-01		Item(s): PIPING THICKNESS		Report Page #: 1 of 1
Method: Thickness	Surface Cond.: As Forged	Thickness: VARIOUS	Procedure: UT-MUT-UTT-006-TQ-R5	
Equipment: Waygate Technologies	Model: Krautkramer USM/DSM Go+	Serial #: GOPLS21120037	Cal. Due Date: 2023-03-04	
Cal. Block(s): #3486 21: IIW Type 2 Reference Block;		Cable Type: Coaxial	Length: 72"	
		Couplant: Sonogel	Batch #: 21H076	

Ultrasonic Transducers					Calibration Settings					
Test Angle	Type	Frequency (MHz)	Serial #	Diameter	Reference Reflector	Reference		Scan Sensitivity	Transfer Loss Value	Range
						dB	% FSH			
0°	Dual	7.5	W1293	0.375"	2nd BW	VARIOUS	80	-	N/A	2"

Testing Results:

SCOPE:

A UT Thickness inspection was completed on the following vessel and low point piping at various locations as outlined in the attached photos.

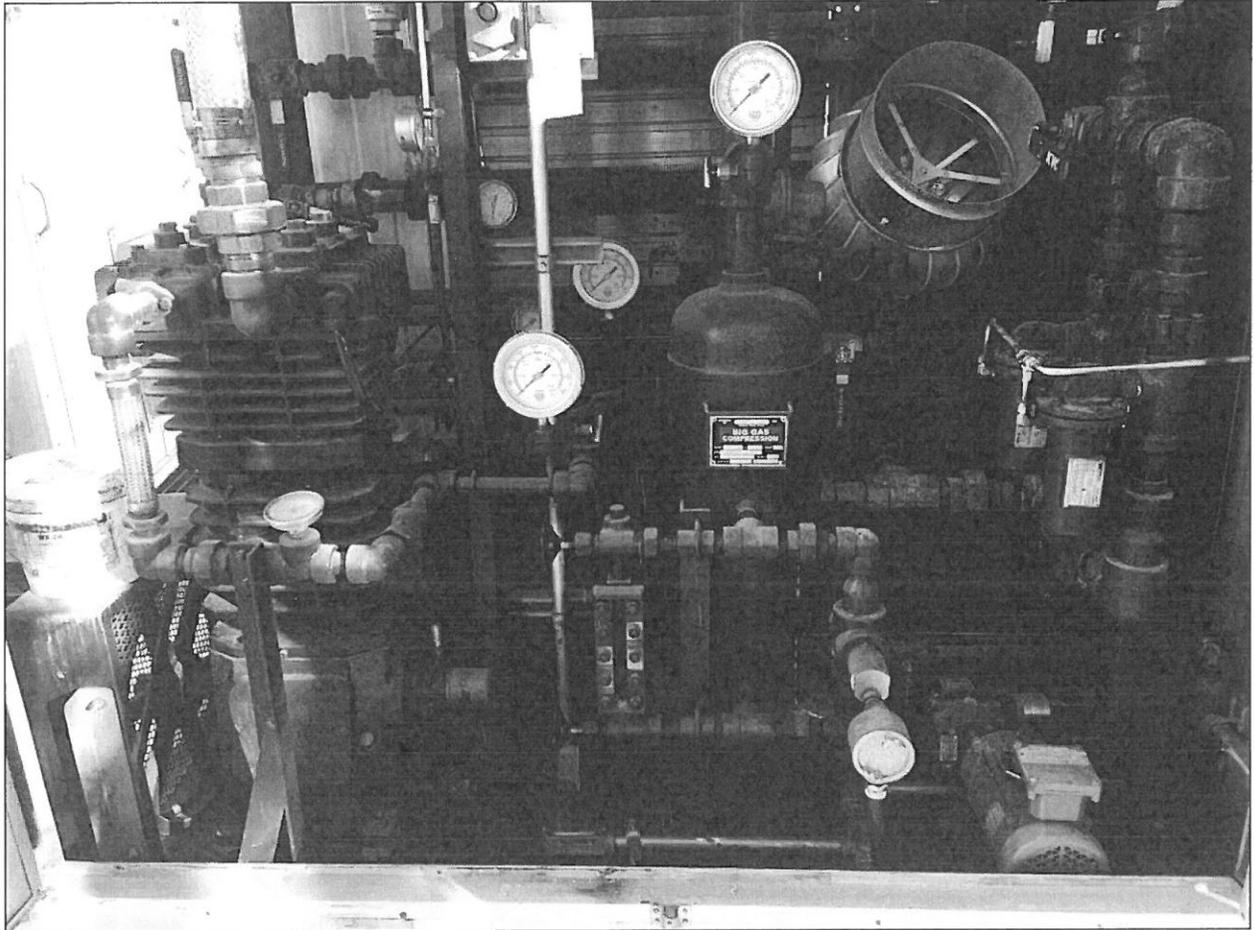
E3ORBT-112
SN 103.56 / CRN 0H09036.213 (2010)

Thickness measurement locations were scanned with the lowest reading being recorded.
All readings are in inches.
Painted surfaces.

Testing Limitations: PAINTED SURFACE					Continuance Report: PDF Attachment(s)						
Unit #:		KMs: n/a		LOA: No		Interpreter: Andrew Cavanagh (Sign):					
Technician Time				Assistant Time				AC — APPLIED ON 2023-01-18			
Reg: 2	OT1: 0	OT2: 0	Shift: 0	Reg: 0	OT1: 0	OT2: 0	Shift: 0	CGSB #: 16273	CGSB Level: 2	SNT-TC-1A Level: 2	
Consumables (Item x Qty): High-Temp Couplant Ounces x 0.0; Thickness Hours x 2.0;					I am in full agreement with the contents and charges applicable to this report.						
Personnel: Andrew Cavanagh					Client (Print):					Date:	
					Client (Sign):						

Optimized Oilfield Inc
E3ORBT-112 Thickness Readings
January 17, 2023

Photo 1: Overview



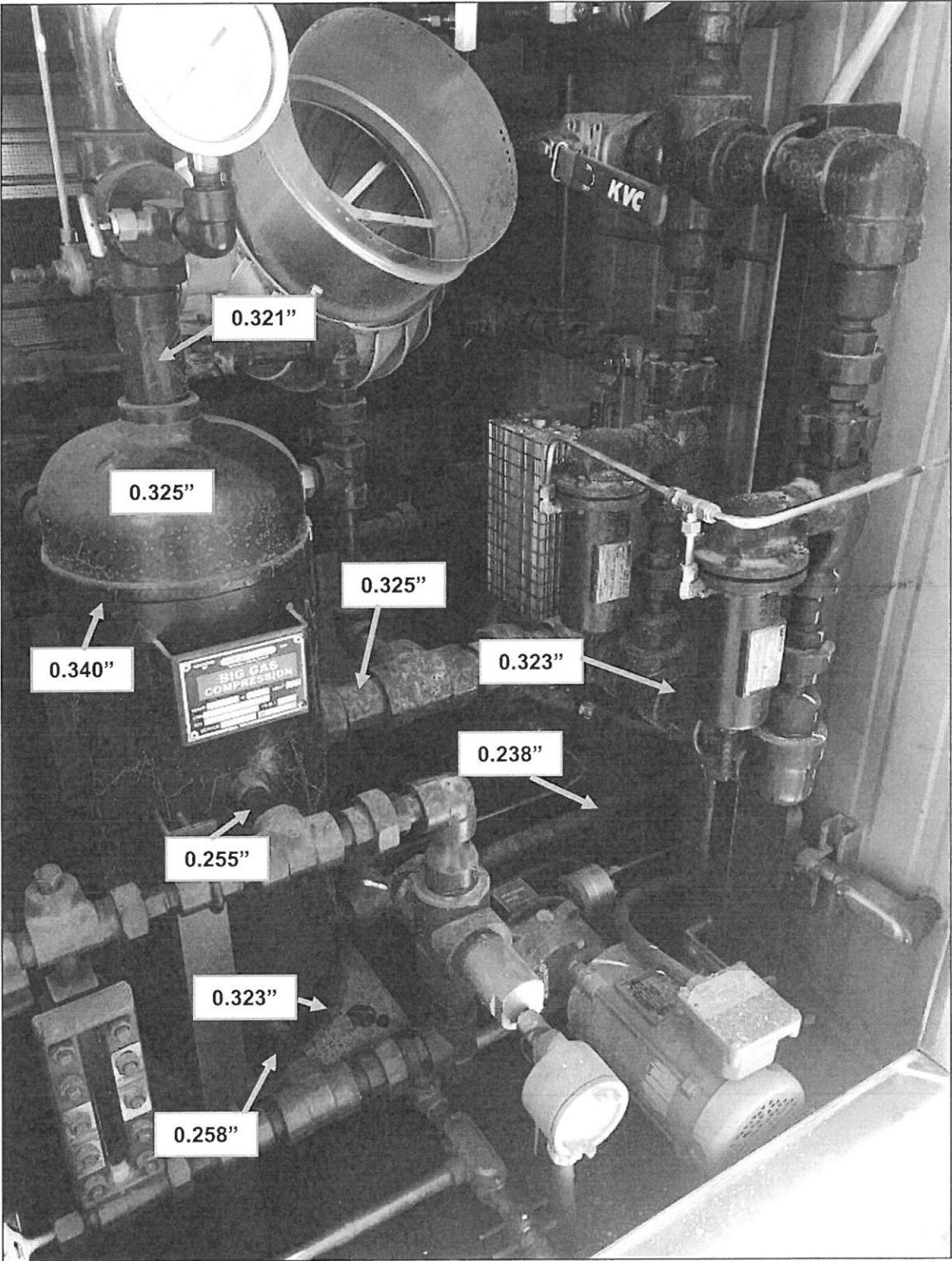


Photo 2

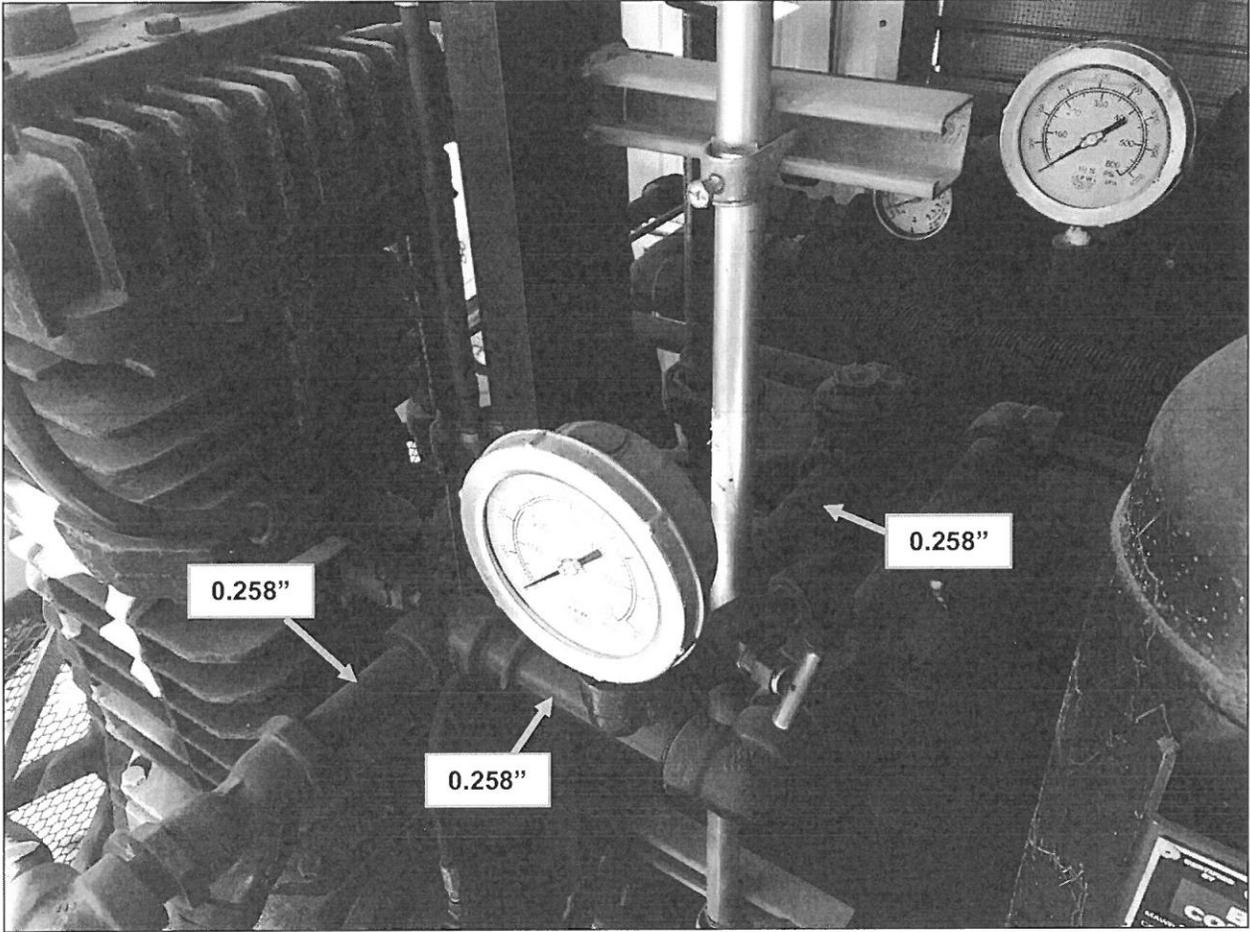
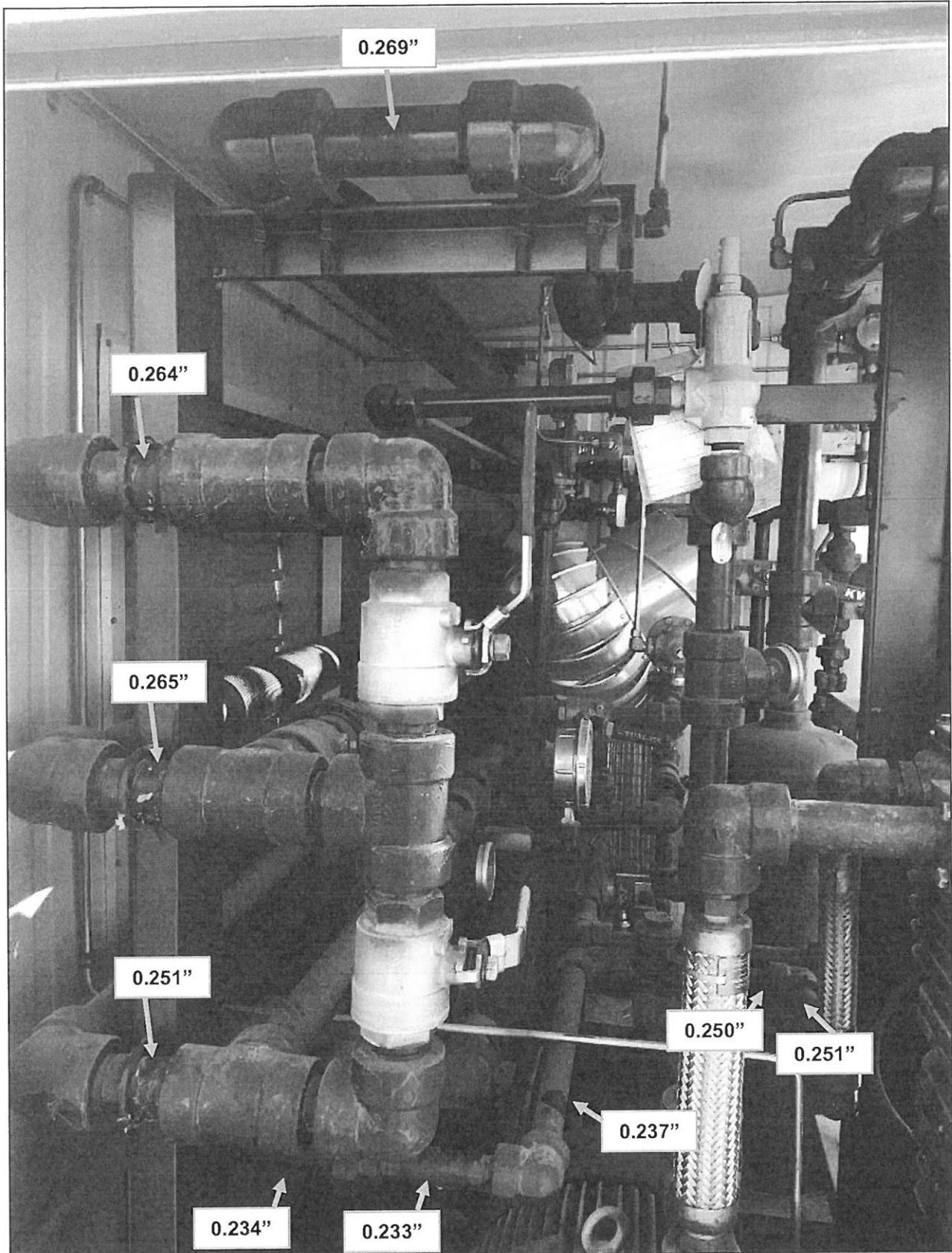


Photo 3

Photo 4



WANNER ENGINEERING INC.
1204 CHESTNUT AVE.
MINNEAPOLIS, MN 55433

HYDRA-CELL™ PUMP

SERIAL NO.

380075

MODEL NO.

F20XASCHFECC



U.S. PATENTS: 5707219, 6899530



CLASS I GROUP D
 CLASS II GROUP F &
 CLASS I TONE I GROU.

ELECTRIC MOTOR FOR HAZARDOUS LOCATIONS



NO.

60000892

CC

SER #

410111000000

PEC

1-51222

CAT. NO.

0300011

R.P.

115

T. CODE

110

VOLTS

115/208-230

AMPS

6.00-0-0

T.P.M.

1025

THERMALLY PROTECTED
 OR MAY AUTOMATICALLY RESTART

SAFETY CO. FORT SMITH, AR U.S.A.