

Unit# P215	Length: 35'-0" (10.67m)	Width: 8'-11" (2.72m)	Height: 10'-11" (3.33m)
Weight:	Axle Wt. n/a	Tongue WT: n/a	Ban

Vessel

W.P. – 205 psi @ 100 F (1413 Kpa @ 38C)		Capacity (flooded): 100 bbl (16.01m³)			
A# 476549	CRN# P5229.2	SN# 21061 Panex	Year Built: 2001	Vessel Size: 72"x20' (1.83m x 6.10m)	
Shell:	Heads:	Corrosion:	Weir:	Steam Coil: 2" x 200psi	Electrical#

Pipe & Manifold

Manifold: RDI 2" 5 valve, 5000 psi w.p.	Flow Line: 2" Figure 602, sched 160 pipe, 5000 psi w.p.
Flare line: 4" Figure 206, sched 10 pipe, 325 psi w.p.	Dump Line: 2" Figure 206, sched 40 pipe, 2000 psi w.p.

Nozzles

Manway: 24" 150	Inlet: 4" 150	Gas Out: 4" 150	PSV Nozzle: 3" 150
Oil Leg: 3" 150 ball valve			
Water Leg: 3" 150 ball valve			
Drains: 3" 150 ball valve			

Gas Measurement

Meter run size: 4.026"	Dry Flow: Barton 200" x 200#
Back Pressure: 3" SurFlo	Bypass: 4" Gate valve

PSV: 2- 2"x2" 150		Injection Pumps:	
Supply Pot & Regulators:			
Heat: 250,000 btu glycol heater 12"x48"x48"			
Methanol: 45 gallon	Propane 2- 100lb bottles		Nitrogen:
Trailer: n/a		VIN# n/a	License: n/a

Certificate of Inspection Permit

WESPRO PRODUCTION TESTING LTD.

6605 46 AVENUE

PONOKA, AB
T4J 1S4

Max. Inspection Interval: 4.00 Yr.

Year Built: 2001

CRN: P5229.2

Serial #: 21061

Volume: 16.013 M3

Heating Surface:

Surface Area:

COMPANY CODE: P-215

DESCRIPTION: 72 INCH HORIZONTAL VESSEL

LOCATION: PORTABLE, PONOKA

MANUFACTURER: PANAX OIL & GAS INC

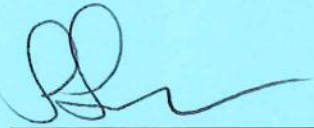
Pressure Relief Valves

PART	MAX. ALLOWABLE PRESSURE	MAX. TEMP	MIN. TEMP	VALVE ID	SETTING	CAPACITY	LOCATION
VESSEL	1413 KPA	38 C	-29 C	SV1	1379 KPA	34 M3/MIN	PIPING
				SV2	1379 KPA	34 M3/MIN	PIPING

Terms and Conditions:

SAFETY VALVES SERVICED.

Permit issued by: LICHTENWALD, LARRY D00003082

Signature: 

NOTE: REQUIREMENTS OF THE SAFETY CODES ACT AND THE REGULATIONS ISSUED THEREUNDER:

At the time of sale or disposal, the owner or vendor must notify the Administrator in writing when the pressure equipment identified on this certificate is sold or otherwise disposed of.

The owner or person in charge shall report all accidents involving Pressure Equipment to the district Safety Codes Officer immediately and shall send a full report in writing to the Administrator as required by the Act. No repairs or alterations may be made unless authorized by a Safety Codes Officer.

Location

- On bottom, 3" from nozzle towards outlet.
On bottom, 58" from outlet seam.
On bottom, 110" from outlet seam.
On bottom, 3" from nozzle towards outlet.
On bottom, 3" from nozzle towards outlet.
On bottom, 3" from nozzle towards inlet.

12" from bottom, 6" from outlet seam.
12" from bottom, 58" from outlet seam.
12" from bottom, 110" from outlet seam.
12" from bottom, 162" from outlet seam.

18" from seam around curve, left inlet end
18" from seam, centre inlet end.
18" from seam around curve, right inlet end

12" from bottom, 6" from inlet seam.
12" from bottom, 58" from inlet seam.
12" from bottom, 110" from inlet seam.
12" from bottom, 162" from inlet seam.

3" left of oil nozzle.
3" left of water nozzle.

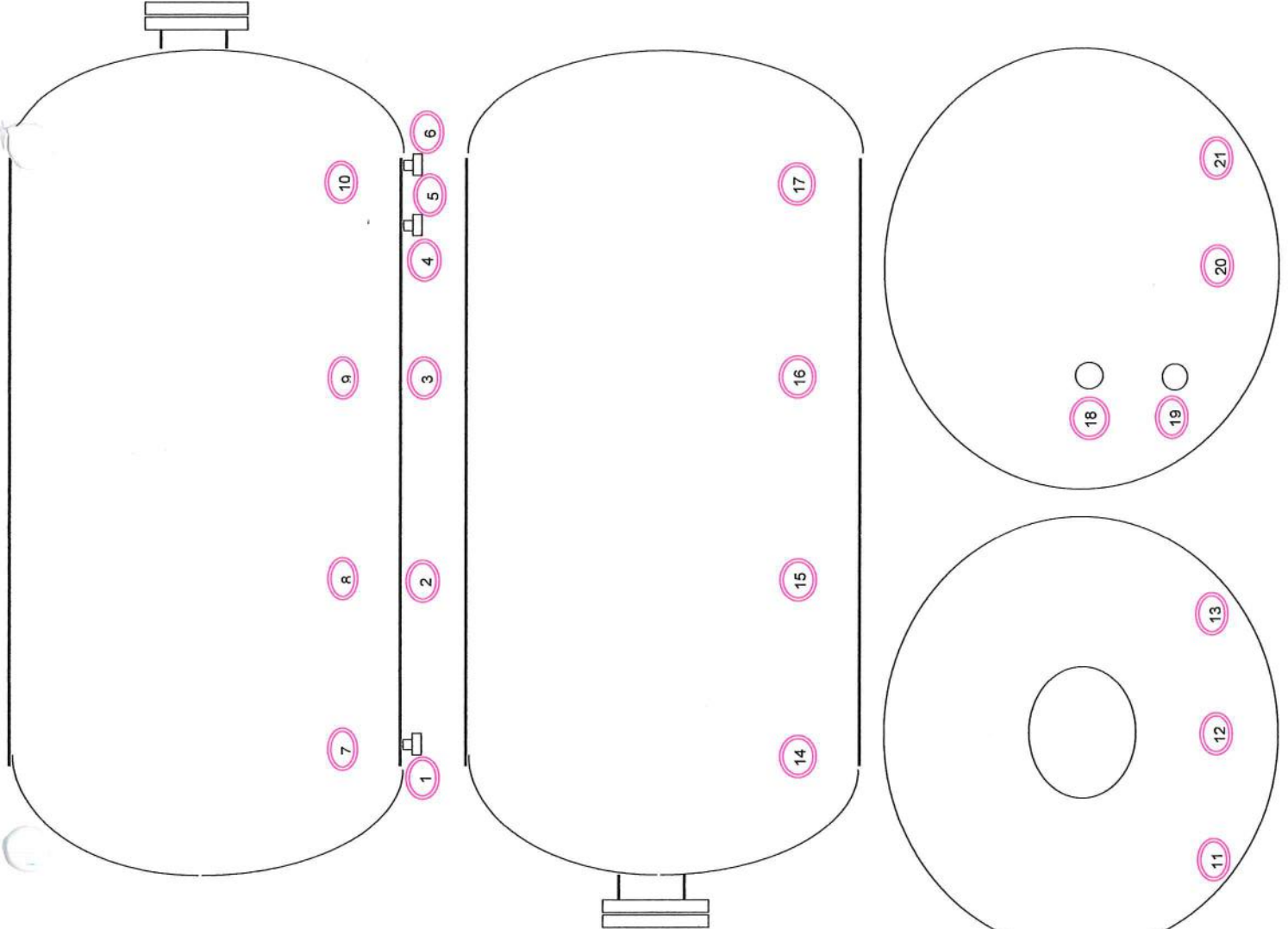
18" from seam, centre outlet end.
18" from seam around curve, right outlet end

Head thickness
Shell Thickness
Corrosion Allowance

Measurements Taken by: Dale Widdifield

27-Oct-12

#	Yard	Yard	Difference
1	0.490		
2	0.500		
3	0.499		
4	0.499		
5	0.499		
6	0.492		
7	0.489		
8	0.495		
9	0.496		
10	0.494		
11	0.467		
12	0.469		
13	0.467		
14	0.490		
15	0.493		
16	0.459		
17	0.496		
18	0.500		
19	0.502		
20	0.498		
21	0.501		
22			
23			
24			



Wespro Production Testing Ltd.

P# 215

cm	m3	cm	m3	cm	m3	cm	m3
1	0.000	41	2.768	81	7.459	121	12.443
2	0.000	42	2.870	82	7.587	122	12.562
3	0.000	43	2.977	83	7.715	123	12.671
4	0.000	44	3.084	84	7.843	124	12.789
5	0.000	45	3.190	85	7.976	125	12.848
6	0.000	46	3.293	86	8.110	126	12.907
7	0.000	47	3.404	87	8.242	127	13.025
8	0.000	48	3.511	88	8.375	128	13.143
9	0.000	49	3.622	89	8.508	129	13.261
10	0.000	50	3.734	90	8.641	130	13.375
11	0.000	51	3.844	91	8.774	131	13.488
12	0.000	52	3.956	92	8.907	132	13.602
13	0.000	53	4.067	93	9.039	133	13.716
14	0.000	54	4.180	94	9.138	134	13.829
15	0.000	55	4.292	95	9.268	135	13.943
16	0.000	56	4.409	96	9.395	136	14.056
17	0.704	57	4.526	97	9.522	137	14.170
18	0.763	58	4.643	98	9.650	138	14.283
19	0.817	59	4.760	99	9.777	139	14.397
20	0.881	60	4.877	100	9.904	140	14.511
21	0.950	61	4.994	101	10.031	141	14.620
22	1.022	62	5.111	102	10.158	142	14.729
23	1.100	63	5.228	103	10.276	143	14.947
24	1.178	64	5.344	104	10.404	144	15.056
25	1.261	65	5.466	105	10.526	145	15.160
26	1.344	66	5.588	106	10.649	146	15.265
27	1.431	67	5.709	107	10.772	147	15.369
28	1.519	68	5.832	108	10.894	148	15.474
29	1.606	69	5.954	109	11.017	149	15.578
30	1.698	70	6.078	110	11.140	150	15.683
31	1.790	71	6.201	111	11.262	151	15.787
32	1.882	72	6.323	112	11.385	152	15.892
33	1.974	73	6.446	113	11.499	153	15.992
34	2.070	74	6.568	114	11.617	154	16.092
35	2.167	75	6.695	115	11.735	155	16.192
36	2.263	76	6.822	116	11.853	156	16.291
37	2.360	77	6.950	117	11.971	157	
38	2.461	78	7.077	118	12.089	158	
39	2.564	79	7.204	119	12.207	159	
40	2.665	80	7.331	120	12.325	160	

Wespro Nondestructive Testing Report

P Tank Number: P 215

Location: Ponoka Yard

Due: December 2013

Type of Inspection: Nondestructive Ultrasound Note: Pipe is due for inspection after 200 Working days.

Test Technique: As per Manufacturers Instructions.

Equipment Used: PosiTector UTG

Item Tested: Assorted 2" iron Piping, Pups and Swings 602 Flowline

Comments: min. thickness .280inches for welded pipe or .224 for integral pipe.

#	Pups			#	Frac Tees		#	Long Joints		
	Wing	Center	Thread		Cap	Side		Wing	Center	Thread
2346	.337		1ft	2363	.792	.537	2348	.329	.335	.337
47	.494		1ft	2364	.516	.542	2349	.322	.321	.310
2353	.337	.343	.329 2ft	2365	.907	.432	2350	.325	.315	.324
2354	.329	.326	.321 2ft	2366	.911	.410	2351	.315	.320	.310
2355	.352	.348	.341 3ft	2367	.888	.478	2352	.337	.322	.327
2356	.336	.335	.339 3ft	2368	1.067	.637				
2357	.349	.350	.350 4ft	2369	1.088	.515				
2358	.310	.307	.307 5ft	2370	1.129	.596	2373	Data Header .328	.317	.311
2359	.345	.342	.340 5ft	2371	1.092	.579	2374	Well Head .341		
2360	.342	.342	.340 6ft	2372	1.080	.517	2375	WxW 602x1502 .345		
2361	.330	.327	.310 10ft				2376	WxWxThrd. New		
2362	.331	.329	.323 10ft							

Equipment Manager: [Signature] Date: July 24, 2012

Operation Manager: [Signature]

Job #

PV-9318

Ed's Valve Servicing (Red Deer) Ltd.

Relief Valve Shop

Valve Inspection #

29214

Customer : Wespro Production

VALVE INSPECTION REPORT

Vessel : Unit #P215

Location : Ponoka

P.O. #

Valve #

Valve Manufacturer : Mercer

CRN # OG2606.5C

Model # 91-33F111811

Serial # 56005

Shop #

SIZE - Inlet : 1 1/2"

Flanged : ☒

Service : Gas

Orifice : F

Outlet : 2"

Threaded : ☐

Capacity : 1187 SCFM

Temp. :

Set Pressure : 200

☒ PSI

Cold Set : N/A

☐ PSI

Back Pressure : N/A

☐ PSI

CHANGE OF :

☐ KPA☐ KPA☐ KPA

Set Pressure FROM N/A

Temperature FROM : N/A

Back Pressure FROM : N/A

AS RECEIVED :

Repair : ☒Test ONLY : ☐Seal Broken : YES : ☐ NO : ☒

Material Build Up :

Inlet - No

Tampered With : YES : ☐ NO : ☒

Outlet - No

ASME Code : NB, UV

Inspector as Rec'd : Dillon Lee

Date : 25-Oct-17

Previous Seal Date / ID : EDV

PRETEST :

AIR - ☒

Set Point

Pressure : 200 PSI

Leakage Rate : ☒ Meets API 527Shop : ☒WATER - ☐STEAM - ☐

Seat Tight : 190 PSI

OR

B.P.M.

Field : ☐

INSPECTION :

Disc : Good : ☒Scored : ☐Dented : ☐

Other : Soft Seat

Nozzle : Good : ☒Scored : ☐Dented : ☐

Other :

Pivot Points : Good

Guiding System : Good

Spring / Washers : Good

Body : Good

Bellows : N/A

Other :

Services Performed : Pretest, Disassemble & Inspect, Standard Overhaul, Clean, Assemble & Test.

TESTING :

AIR - ☒

Set Point

Pressure : 203 PSI

Leakage Rate : ☒ Meets API 527Shop : ☒WATER - ☐STEAM - ☐

Seat Tight : 195 PSI

OR

B.P.M.

Field : ☐

Assembled By : Dillon Lee

Date : 25-Oct-17

Tested By : Brent Baker

Date : 25-Oct-17

Job #

PV-5161

Ed's Valve Servicing (Red Deer) Ltd.

Relief Valve Shop

Valve Inspection #

17964

Customer :

Wespro Production

VALVE INSPECTION REPORT

Vessel :

Unit #P215

Location :

Ponoka

P.O. #

Valve #

Valve Manufacturer

Mercer

CRN # OG2606.5C

Model #

91-33F111811S

Serial #

56002

Shop #

SIZE

Inlet : 1 1/2"

Flanged :

☒

Service : Gas

Orifice :

F

Outlet :

2"

Threaded :

Capacity :

1187 SCFM

Temp. :

70 F

Set Pressure

200

☒

PSI

Cold Set : N/A

PSI

Back Pressure : N/A

PSI

CHANGE OF :

KPA

KPA

KPA

Set Pressure FROM : N/A

Temperature FROM : N/A

Back Pressure FROM : N/A

AS RECEIVED

Seal Broken :

YES : ☐NO : ☒

Tampered With :

YES : ☐NO : ☒

Material Build Up :

Inlet -

YES : ☐NO : ☒

Outlet -

YES : ☐NO : ☒

If YES, Please Describe :

ASME Code : NB, UV

Inspector as Rec'd :

Russ Spencer

Date : 13-Apr-11

PRETEST

N/A

AIR -

Pop :

Tight :

Reset :

WATER - Opening Pressure :

Tight :

Reset :

INSPECTION

Disc : Good : ☒Scored : ☐Dented : ☐Other : ☐Nozzle : Good : ☒Scored : ☐Dented : ☐Other : ☐

Pivot Points : Good

Guiding System : Good

Spring / Washers : Good

Body : Good

Bellows : N/A

Other : ☐

Services Performed : Disassemble & Inspect, Standard Overhaul, Clean, Assemble & Test.

TESTING

AIR -

Pop : 201 PSI

Tight : 190 PSI

Reset : ☐

WATER - Opening Pressure :

Tight : ☐Reset : ☐

Assembled By : Russ Spencer

Date : 13-Apr-11

Tested By : Brent Baker

Date : 13-Apr-11

Meter Calibration report

rev.oct/07bk

Main Office Nisku, AB
(780) 955-2988



Client: WesPro

Facility: Ponoka

Location: P215

Date: July 13, 2012

Start Cal:

Finish Cal:

Gas From:

Gas To:

Badge #

☐ New Installation ☒ Routine Calibration

☒ Sweet Gas ☐ Sour Gas

Differential Range

Make: ☒ Barton ☐ Canadian ☐ Foxboro ☐ Coe ☐ PMC ☐ Other

☒ "wc ☐ ma ☐ kpa

Model# 202A

Serial # 185049

Chart #

Tester As Found As Left

DP Range: ☒ "wc ☐ psi ☐ kpa

Pressure Range: ☐ psi ☐ kpa

Zero 0 0

☐ 0-50 ☐ 0-100

☐ 0-100 ☐ 0-250 ☐ 0-500 ☐ 0-1000

20 40.4 40

☒ 0-200 ☐ 0-400

☐ 0-1500 ☐ 0-2000 ☐ 0-2500 ☐ 0-3000

40 80.8 80

☐ Other

☐ 0-500 ☐ 0-10,000 ☒ other 0-200

60 121.2 120

80 160 160

Temperature Range

100% 202 200

☐ Celsius ☒ Fahrenheit

☐ 0-100 ☐ 0-150

90 181.8 180

☒ Gauge ☐ Element

☐ 0-200 ☒ other

70 141.4 140

50 101 100

Meter Run Information

30 60.6 60

Zero 0 0

Fitting Type: ☒ Senior ☐ Junior ☐ Flanges ☐ Other

Static Pressure Range

Make: Bore Size: Tube Size: Tube #:

☒ psi ☐ kpa ☐ ma

Upstream Inside Dia. Downstream Diameter

Tester As Found As Left

Orifice Bevel Downstream? Diameter Edges Sharp? Plate Cleaned?
Plate ☒ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No

Zero 0 0

Orifice Plate Pulled? ☒ Yes ☐ No (If no, explain below)

30 61.2 60

50 102 100

80 163.2 160

100% 204 200

Meter Calibration Data

90 183.6 180

Atmospheric Pressure set in Meter? ☐ Yes ☒ No psi set: kpa set:
ma set:

40 81.6 80

20 40.8 100

Arc and Spacing ☒ ok ☐ corrected (If corrected, explain below)

Zero 0 0

Temperature

☐ Celsius ☒ Fahrenheit ☐ ma

Leak test ☒ ok ☐ repaired

Meter Level ☒ yes ☐ adjusted

Fluid Traps? ☐ yes ☒ no

Tester As Found As Left

Test Equipment Information

Make/Model: IS33 Differential Pressure Static Pressure Temperature

Serial #:

Pyramid Tool I.D.: 181050037

181050037

Ambient Temperature

Calibration Due Date: 2013, April

2013, April

Live Readings

Remarks

As Found As Left

Shop calibration/ok.

Static Pressure

Differential Pressure

Temperature

Calibrated

By: Gilbert Boulanger

Signature

Witnessed

Rv:

Signature

MCR#

Pyramid Worksheet #

Area # A101

Local Phone Number 407-783-3310



Wespro Glycol Burner Flame Arrestor Test Assessment Sheet

Location: Ponoka Yard Date: 13-July-2012 P Tank #: P- 215

Burner Fire Box Data before Service

Burner Type: Zirco Size: 250,000 BTU Serial Number: 0012-071
Condition of Burner: Good Condition of Pilot: Good
Fuel Type Used: ☐ Well gas ☒ Propane
Flame Arrestor Size: 12" Condition Good

Maintenance Report

- | | | |
|---|---|---|
| ☒ Remove Burner/Flame Arrestor from the Fire Tube | ☒ Clean and inspect flame arrestor. | ☒ Remove debris from fire tube. |
| ☒ Check fire tube condition. | ☐ Clean and inspect pilot nozzle. | ☒ Clean and inspect burner nozzle. |
| ☒ Check firebox seals & gaskets | ☒ Check burner regulator | ☒ Check all operating valves/piping |
| ☒ Check fire view lens. | | |

Comments: _____

Repairs Required

- | | | |
|---|---|---|
| ☐ Replace flame Arrestor. | ☐ Replace fire view lens. | ☐ Replace missing bolts/plugs. |
| ☐ Replace damaged gaskets/seals. | ☐ Replace damaged valves. | ☐ Replace burner/pilot nozzle. |
| ☐ Replace faulty regulator. | ☒ Repair Gas leaks. | |

Comments : Tighten loose piping

Flash Back Test

- | | | |
|--|---|---|
| ☒ Heater running at max. Capacity. | ☒ Follow Part 6 Field test procedure. | ☒ Fire extinguisher close at hand |
| ☒ Hazard assessment complete. | ☒ All personnel wearing required PPE. | ☒ Report completed. |
| ☒ Tools and Equip. stored. | ☒ Site cleaned up. | |
| ☒ Flame Arrestor Passed Flash Back Test ☐ Flame Arrestor Failed Flash Back Test | | |

Test Performed by: Dale Widdifield Standby: Tyler Splett

Signed off: (Operations Manager) Randy Buttz



Flame Arrestor Pre- Job Hazard Assessment

Flame Arrestor Pre- Job Hazard Assessment				
Personal Protective Equipment:	Yes	No	N/A	Comments
1. Do all employees have the required PPE? Flame retardant clothing, steel toed boots, safety glasses, hard hat, gloves and personal gas monitor.	☒	☐	☐	
Test Equipment:				
1. Is all required test equipment on site? 2 – 20 # Fire Extinguishers. 20/30 # Propane Bottle. 10' Propane Hose. - Quick opening valve w/ 3/8" or 1/4" open ended pipe.	☒ ☒ ☒ ☒	☐ ☐ ☐ ☐	☐ ☐ ☐ ☐	
Hazard Identification:				
1. Have all sources of ignition been removed from the test area?	☒	☐	☐	
2. Are fire extinguishers close at hand?	☒	☐	☐	
Has the area around the flame arrestor been tested for combustible gasses with a gas detector?	☐	☐	☒	
4. Is the Emergency Escape Route free of trip hazards?	☒	☐	☐	
5. Has a pre-job safety meeting been conducted with all personnel involved to go over the procedure?	☒	☐	☐	
6. Has the propane bottle and all fittings been checked for leaks?	☒	☐	☐	
Employee/Name(Print): <u>Dale Widdifield</u>				
Signature: <u><i>Dale Widdifield</i></u>				
Date: <u>13-July-2012</u>				
Location: <u>Ponoka Yard P 215</u>				