

## Title: Pipe Testing Report

Effective Date: 09-07-2006

Work Order Number:

## FACILITY DESCRIPTION

Facility Name <b>Ottesen</b>	Location	Area <b>33</b>	District <b>Brighton</b>	County <b>Weld</b>	State <b>Colorado</b>
		Section <b>33</b>	Township <b>66W</b>	Range <b>66W</b>	
Facility Type <input checked="" type="checkbox"/> Gathering <input type="checkbox"/> Transmission		Pipe Manufacturer <b>Pioneer</b>			
<input type="checkbox"/> Line Pipe <input type="checkbox"/> Plant/Station <input type="checkbox"/> Vessel <input type="checkbox"/> Hot Tap <input type="checkbox"/> Line Junction <input type="checkbox"/> Well Setting <input type="checkbox"/> Fabrication <input checked="" type="checkbox"/> Other <b>Flow lines</b>		Pipe Diameter <b>2"</b>	Wall Thickness <b>.218</b>		
		Spec. & Grade <b>X52 42' ea.</b>	Length of Test Section		

Description of Portion Tested (From-To):

**Lines 5-12 Wells to separators**

## TEST SPECIFICATIONS

Type of Test <input checked="" type="checkbox"/> Both <input type="checkbox"/> Strength <input type="checkbox"/> Leak	Test Stations and Elevation	Begin Location	End Location	Dead Weight
Reason for Test <input checked="" type="checkbox"/> Pre-Test <input type="checkbox"/> Retest <input type="checkbox"/> New Facility <input type="checkbox"/> Repair		High Point	Low Point	Pressure Pump
Test Method <input checked="" type="checkbox"/> Hydrostatic <input type="checkbox"/> Pneumatic <input type="checkbox"/> Service	Applicable Code	Design Pressure	<input type="checkbox"/> Above Ground <input checked="" type="checkbox"/> Underground	
Preliminary Leak Pressure	Begin Station Minimum Pressure	End Station Minimum Pressure		
Required Test Pressure <b>3000 lbs</b>	High Point Minimum Pressure <b>3030</b>	Low Point Maximum Pressure <b>2980</b>		
Required Test Duration <b>30 minutes</b>	Test Limitations (Valves, Fittings, etc.)			Test Medium <b>Water (H<sub>2</sub>O)</b>

## CALIBRATION DATA

Chart Recorder ID <b>799174</b>	Date of Calibration <b>10/26/18</b>	Static Range <b>0 - 10,000 psi</b>
Test Gauge ID	Date of Calibration	Gauge Range
Test Gauge ID	Date of Calibration	Gauge Range
Dead Weight ID <b>824443</b>	Date of Calibration <b>10/26/18</b>	Range <b>0 - 5,000 psi</b>

## TEST RESULTS

Test Start Date <b>4/8/19</b> Hour <b>9:10 a.m.</b>	Test Completed Date <b>4/8/19</b> Hour <b>10:30 am</b>	Weather <b>Sunny</b>
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Comments:

Time	D.W. Pressure	Amb. Temp. °F	Pipe Temp. °F	Remarks
11:00	13	53.87		
11:05	13	54.82		
11:10	28	55.13		
11:15	93	55.65		
11:20	675	55.57		
11:25	675	55.52		
11:30	662	55.71		
11:35	654	55.96		
11:40	653	56.25		
11:45	653	57.02		
11:50	652	57.41		
12:00	1134	57.78		
12:05	3021	57.42		Start test
12:10	3020	58.13		
12:15	3020	58.36		
12:20	3020	58.17		
12:25	3021	58.33		
12:30	3021	58.58		End test.
12:35	21	58.81		

[illegible]

### SKETCH

1. The first step in the process of identifying a problem is to recognize that a problem exists. This is often done by comparing current performance with a desired state or goal. For example, a manager might notice that sales are down compared to last year's performance. This comparison can be done using various methods, such as financial statements, charts, or graphs. Once a problem is identified, the next step is to determine the cause of the problem. This can be done by asking questions like "What is the root cause of the problem?" or "What factors are contributing to the problem?" The third step is to develop a plan to address the problem. This plan should be based on the information gathered in the previous steps and should outline the specific actions that need to be taken to solve the problem. The final step is to implement the plan and monitor the results. This involves putting the plan into action and then tracking the progress to see if the problem is being solved. If the problem is not solved, the manager may need to go back to the previous steps and re-evaluate the situation.

## APPROVALS

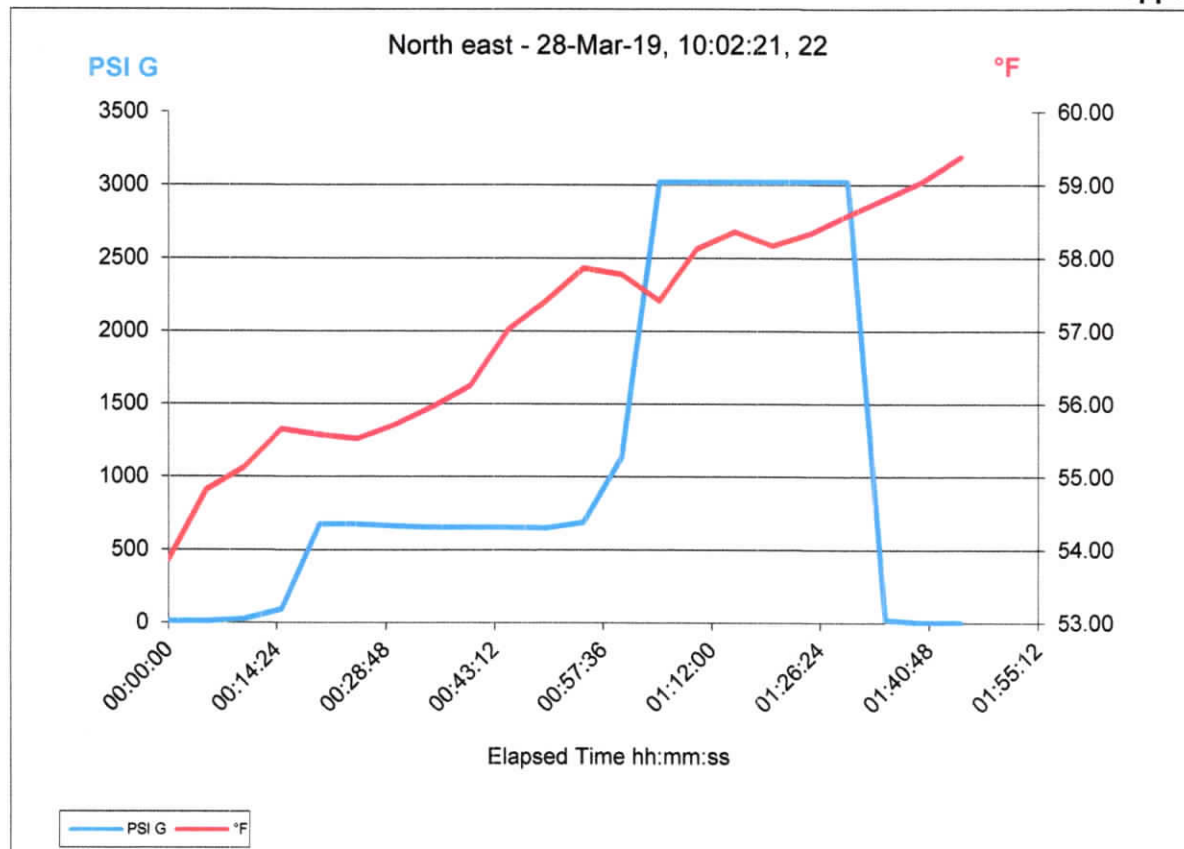
Performed By:	Date:
Superintendent Approval:	Date:
Client / AI Approval:	Date:
Witnessed By:	Date:

# Data Collection Report CR

	Chassis	Left Scale	Right Scale
Serial Number	799174	791916	794748
Datatype		Lower	Upper
Units		PSI G	°F

Lower

Upper



Chassis		Lower Module	Upper Module	BARO Module	Left Scale	Right Scale
Serial Number	799174	791916	794748		791916	794748
Model	NV	10KPSI	RTD100			
Message Store						
Userspan		0.99997	1.00000			
Offset						
Datatype						
Units		PSI G	°F		Lower PSI G	Upper °F
Tare						
Average						
User Factor						
User Offset						
User Resolution						
Firmware Version	R080016	R090009	R100006			
Calibration Due		26-Oct-19	26-Oct-19			
Run Index	0					
Run Start Time			28-Mar-19/10:02:21			
Run Duration			1 hour 45 minutes			
Run Tag			line 5 thru 12			
Logging Interval	300.0					

Data Points		
Point #	Time	Left - PSI G      Right - °F

1	00:00:00.0	13      53.87
2	00:05:00.0	13      54.82
3	00:10:00.0	28      55.13
4	00:15:00.0	93      55.65
5	00:20:00.0	675      55.57
6	00:25:00.0	675      55.52
7	00:30:00.0	662      55.71
8	00:35:00.0	654      55.96
9	00:40:00.0	653      56.25

10	00:45:00.0	653	57.02
11	00:50:00.0	652	57.41
12	00:55:00.0	691	57.87
13	01:00:00.0	1134	57.78
14	01:05:00.0	3021	57.42
15	01:10:00.0	3020	58.13
16	01:15:00.0	3020	58.36
17	01:20:00.0	3020	58.17
18	01:25:00.0	3021	58.33
19	01:30:00.0	3021	58.58
20	01:35:00.0	21	58.81
21	01:40:00.0	2	59.05
22	01:45:00.0	2	59.38

dw

## Data Collection Report

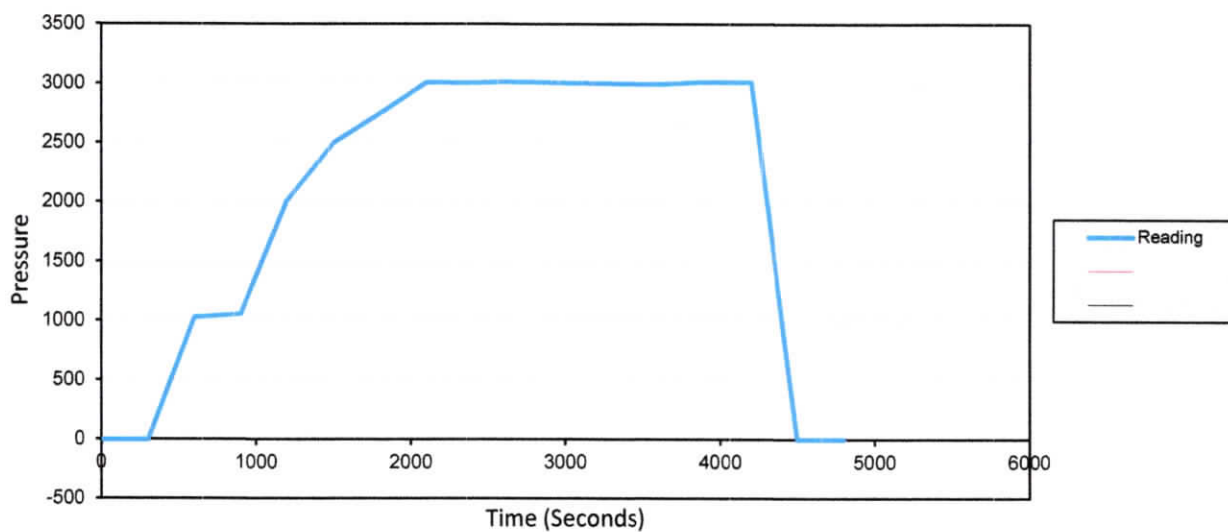
### Gauge Information

Serial Number	824443
Model	5KPSIXP2I
Message Store	Pretest for 5 - 12 XP
Units	PSI

### Run Info

Start Time	4/8/19 9:10:17 AM
Stop Time	4/8/19 10:30:33 AM
Logging Interval	300

### Pressure



Serial Number 824443  
Model 5KPSIXP2I  
Units PSI

Firmware Version R0324

Message Store Pretest for 5 - 12

Run Index 3

Logging Type Actual

Logging Interval 300

Start Time 4/8/2019 9:10

Stop Time 4/8/2019 10:30

Time Reading

Event Event Data

Battery OK

Logging Interval, 300

Tare, 0.0

0	
0	
0	
0	-3.1
300	-2.9
600	1029.5
900	1053.7
1200	2008.5
1500	2495.2
1800	2742.5
2100	3006.5
2400	3002.2
2700	3013.6
3000	3008
3300	3001.6
3600	2997.7
3900	3015
4200	3012.9
4500	-3
4800	-3.8

Lines 5-12  
~~Oct 26-19~~ 4/8/19

# 14	12.05	1.05	Back	11:00
# 1	11:00	13 <sup>1b</sup>	53.87	
# 2	11:05	13 <sup>1b</sup>	54.82	
# 3	11:10	28	55.13	
# 4	11:15	93	55.65	
# 5	11:20	675	55.57	
# 6	11:25	675	55.52	
# 7	11:30	662	55.71	
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# 18	12:25	3021	58.33	
# 19	12:30	3021	58.58	
# 20	12:35	21	58.81	



