

TEST SPECIFICATIONS						Date:		Select Routing:																									
Rangeview Pipeline Reider 18Y Well Connect Hydrostatic Test						12-Jan-2016																											
4" Line Pipe						Test Number: 1		of 1																									
Project Name: Rangeview Pipeline Gathering System - H Leg			Project I.D. / AFE Number 15C006A			Facility Name or Number Rangeview Pipeline - H Leg																											
Installation Location (M.P. or S.S.):		State:	County/Parish:	Class Location Designation	1	Selected Design Pressure	1480	Planned MAOP	1480																								
From: 0+00	To: 4+30	CO	Weld																														
Project Description:																																	
Hydrostatic pressure test of 4" line pipe.																																	
Testing at 1.25*MAOP = 1850 minimum test pressure. 2221 psig Target Test Pressure.																																	
Max Test Pressure for ANSI 600 Valves and Fittings is 2660 psig where they are located.																																	
Test shall be compliant with all test specifications in Exhibit D "Pipeline Construction Specifications" and all other Construction Documents.																																	
LEAK ONLY TEST <input type="checkbox"/> STRENGTH TEST <input checked="" type="checkbox"/> FABRICATION <input type="checkbox"/> NEW CONSTRUCTION <input checked="" type="checkbox"/> REPLACEMENT <input type="checkbox"/> RETEST <input type="checkbox"/> REFERENCE DRAWINGS ATTACHED <input type="checkbox"/>																																	
POST-INSTALLATION TEST <input checked="" type="checkbox"/> PRE-INSTALLATION TEST <input type="checkbox"/>																																	
Minimum Component Characteristics			Test Design Criteria			Test Section - Reference Data																											
Pipe Information			<input type="checkbox"/> Input minimum and maximum pressure of test <input type="checkbox"/> Input minimum and maximum %SMYS of test			Test Medium: Water Test Duration: 8 Hours (min) Section Length: 430 Ft. Section Fill Volume: 355 Gal Max. Elevation Change: 24 Ft.																											
Valve/Flange ANSI Class Rating 600# Valves/Fittings			<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Pressure (psig)</th> <th>% PIPE SMYS</th> </tr> </thead> <tbody> <tr> <td>Max. Test Pressure (Pipe)</td> <td>2590</td> <td>59.6%</td> </tr> <tr> <td>Max. Test Pressure (Valves and Fittings)</td> <td>2660</td> <td>61.2%</td> </tr> <tr> <td>Min.</td> <td>1850</td> <td>42.6%</td> </tr> </tbody> </table>				Pressure (psig)	% PIPE SMYS	Max. Test Pressure (Pipe)	2590	59.6%	Max. Test Pressure (Valves and Fittings)	2660	61.2%	Min.	1850	42.6%	Station Equations: <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>1</th> <th>2</th> <th>3</th> </tr> </thead> <tbody> <tr> <td>Back</td> <td>0+00</td> <td>0+00</td> <td>0+00</td> </tr> <tr> <td>Ahead</td> <td>0+00</td> <td>0+00</td> <td>0+00</td> </tr> </tbody> </table>					1	2	3	Back	0+00	0+00	0+00	Ahead	0+00	0+00	0+00
	Pressure (psig)	% PIPE SMYS																															
Max. Test Pressure (Pipe)	2590	59.6%																															
Max. Test Pressure (Valves and Fittings)	2660	61.2%																															
Min.	1850	42.6%																															
	1	2	3																														
Back	0+00	0+00	0+00																														
Ahead	0+00	0+00	0+00																														
Test Pressures																																	
Location	Station	Elevation (feet)	Max. psig.	% SMYS @ Max.	Min. psig.	% SMYS @ Min.	Variance psig.	Target psig.	% SMYS @Target																								
BEGIN -	0+00	4828	2,581	59.4%	1,852	42.6%	730	2,216	51.0%																								
HIGH ELEVATION	0+90	4832	2,580	59.4%	1,850	42.6%	730	2,214	51.0%																								
LOW ELEVATION	4+29	4808	2,590	59.6%	1,860	42.8%	730	2,225	51.2%																								
END	4+30	4816	2,587	59.5%	1,857	42.7%	730	2,221	51.1%																								
Chart Location (Test Point)	4+30	4816	2,587	59.5%	1,857	42.7%	730	2,221	51.1%																								
REMARKS:																																	
Test shall be compliant with all test specifications in Exhibit D "Pipeline Construction Specifications" and all other Construction Documents.																																	
PRE-TEST SPECIFIED / REVIEWED BY:			TEST PERFORMED / ACCEPTED BY:			POST-TEST REVIEWED BY:																											
Originator (Signature)	Date:	Test Performed by (Signature)	Date:	Compliance (signature)	Date:																												
Designed Reviewed if applicable (Signature)	Date:	Company Name (for Contractor or for Employee):	Date:	Engineering or Operations (Signature)	Date:																												
Compliance (Signature)	Date:	Witnessed & Accepted by Company Representative:	Date:	Actual MAOP																													



April 2006

MOP Establishment and Pressure Testing of Pipelines

TG1601.190

PAGE 1 OF 9

LIQUID PIPELINE
PRESSURE TEST
REPORT

Pressure Test Number: _____ / _____

MOP of tested facility is PSIG

Company: SADDLE BUTTE Operations Area: _____

Project: RANGEVIEW PIPELINE GATHERING SYSTEM AFE: 15C006A

Pipeline: RANGEVIEW PIPELINE - REIDER - EAST

Section: 4" OF REIDER EAST LINE PIPE

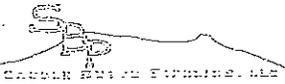
Station or Milepost From: 0400 To: 4430



INSTRUCTIONS

In this worksheet, cells containing formulas are protected against input.
Cells with **Text** labels allow or require input.

<i>General Information</i>	<ul style="list-style-type: none"> · Complete this Report and attached necessary exhibits for all SBP installed pipelines or pipeline segments or those re-qualified for service. · Fill in all applicable information. If information is not applicable, write NA in the corresponding space on the Report.
<i>Pipe Data</i>	<ul style="list-style-type: none"> · Record the details for each pipe section tested, including lengths, line fill, pipe fittings, etc. · Add together pipe section lengths and line fill for a total pipe section length and line fill.
<i>Test Water Data</i>	<ul style="list-style-type: none"> · Enter water source information (i.e., from municipal supply, well, river, lake, pond) in the Test Log or notes section of the Report. · Source water temperature compared to ground temperature can assist with understanding the time for the water to stabilize.
<i>Pressure Calculations</i>	<ul style="list-style-type: none"> · Elevation of high and low points and the elevation of the test pressure measure sites is required for calculation of the target test pressures.
<i>Test Log</i>	<ul style="list-style-type: none"> · Fill out the Test Log at the time of the test. This is the actual log of the test. · From the start of filling the test section, record pressure readings from the calibrated test gauge or deadweight tester used in the test. · Record the test pressure and temperatures at intervals of 30 minutes to an hour and as necessary to represent the test pressure during the test period. · The below ground pipe temperature sensor should be placed away from exposed pipe and far enough from the water injection point so that water injected will not affect the readings. · In the Remarks column, enter start of test, end of test, and any remarks concerning unusual events, such as liquid added or withdrawn, weather conditions, etc.
<i>Notes</i>	<ul style="list-style-type: none"> · Enter all pertinent comments about the test, including such things as weather conditions, radical weather changes, equipment malfunctions, or any other noteworthy event that may affect testing.
<i>Profile</i>	<ul style="list-style-type: none"> · An elevation profile is required for any test section where the elevation varies more than 100 feet. The following items should be noted on the profile: <ul style="list-style-type: none"> - Location and elevation where test pressure measurements are taken - High and low points - Stationing or mileposts - Horizontal and vertical scale of the drawing · Elevation data is available in electronic format from the KPL mapping system. · If electronic elevation data is not available, take profile elevations from survey information or from U.S. Geological Service 7 1/2 minute topographical maps.
<i>Failure Log</i>	<ul style="list-style-type: none"> · Record each failure event that causes the line to be taken "off test". · Enter the date, time, and pressure at the time of failure. · List the apparent cause of the failure if the actual cause cannot be determined. Pipe seam failure or leaking flange, for example, could be entered as the cause of test failure. · Describe the repair method (i.e., changed-out pipe or tightened flange).
<i>Supplementary Documentation</i>	<ul style="list-style-type: none"> · Check each supplementary documentation attached as part of this test record (i.e., test charts and/or equipment certifications). · Write the corresponding Exhibit Number on the attached supplementary documentation.
<i>Certification</i>	<ul style="list-style-type: none"> · Signatures of the Company and Contractor representatives in charge of the test are MANDATORY.

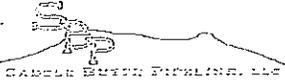


PRESSURE CALCULATIONS

Location of Test Point		Elevation of Test Point		High Point		Low Point	
		Elev. (Elevation)		4832		4808	
		Elev. (Station)		0790		4729	
				Location Name		Location Name	
Target MOP:		Test Duration: hr		Elev. to H		Elev. to L	
Target Test Pressure Range		High Point		4828		4816	
1st Min: Maximum:		Low Point		0700		4730	
2nd Min: 260				Location Name		Location Name	

TEST LOG

DATE	TIME	PRESSURE	AIR TEMP	TEMP ABOVE GROUND	TEMP BELOW GROUND	REMARKS
1-14-16	8:10	500	36°			Pressured up to 500 PSI
	8:25	500	37°			Pressuring up to 1000 PSI
	8:28	1000	37°			Pressured up to 1000 PSI - Hold
	8:43	1000	38°			Pressuring up to 1500
	8:46	1500	39°			Pressured up to 1500 PSI
	9:01	1500	39°			Pressuring up to 2000 PSI
	9:03	2000	39°			Pressured up to 2000 - Hold
	9:18	2000	39°			Pressuring up to Test Pressure
TEST	9:30	2315	40°			ON TEST
	9:45	2318	41°			Windy & Sunny
	10:00	2324	43°			
	10:15	2334	46°			
	10:30	2338	46°			Windy & Sunny
	10:45	2341	46°			
	11:00	2343	46°			Windy & Sunny
	11:15	2343	46°			
	11:30	2347	46°			
	11:45	2354	46°			Sunny
	12:00	2357	46°			Sunny
	12:15	2363	46°			
	12:30	2365	46°			
	12:45	2367	46°			Sunny
	12:45	2368	46°			Sunny
	1:00	2368.4	46°			
	1:15	2368	46°			
	1:30	2368	45°			
	1:45	2368.1	45°			
	2:00	2368.1	45°			
	2:15	2369.0	44°			SUNNY
	2:30	2371.0	44°			
	2:45	2372.0	42°			SUNNY
	3:00	2374.0	43°			
	3:15	2374.0	43°			
	3:30	2374.0	43°			
	3:45	2374.0	41°			
	4:00	2374.0	39°			
	4:15	2373.0	39°			
	4:30	2373.0	37°			Partly Sunny
	4:45	2372.0	36°			



TEST LOG (CONTINUED)

DATE	TIME	PRESSURE	TEMP	RECON	ADVE	REMARKS
				NO. OF	NO. OF	
				LEAK	TRIP	
1-14-16	5:00	2370	36°			Holding Steady
	5:15	2368	36°			
Test	5:30	2364.5	36°			End of TEST - Good Test
	5:45	2363.0	36°			
	5:48	2363.0	36°			Pressuring down to 2000
	5:49	2000	36°			Pressured down to 2000
	6:05	2000	36°			Pressuring down to 1500
	6:06	1500	36°			Pressured down to 1500
	6:21	1500	36°			Pressuring down to 1000
	6:22	1000	36°			Pressured to 1000 - Hold
	6:37	1000	36°			Pressuring down to 500
	6:38	500	36°			Pressured down to 500



EQUIPMENT CALCULATED MOP SUMMARY WORKSHEET

1. Test Information: Date 1-14-16 Time 9:30AM To 5:30P.M.
 Target MOP Test Point Loc. Job 4730
 Enter the desired MOP, Test Medium: WATER Test Duration 8
 if less than pipe Specific Gravity of Test Medium _____
 internal design Min. Test Press. at test site 125% of min. MOP + elev. 110%
 pressure. Maximum allowable % of S.O.D. = 100%

2. Pipe Specifications: Pipe (#1) O.D. 4.5 MOP _____
 Manufacture Type _____ Grade X-52 SMYS 302,000 Seam Joint Factor _____
 Wall thickness .188 Design Factor (F) _____
 Length (ft.): 730' Volume _____
 Max allowable test pressure, psig _____

3. Pipe Specifications: Pipe (#2) O.D. _____ MOP _____
 Manufacture Type _____ Grade _____ SMYS _____ Seam Joint Factor _____
 Wall thickness _____ Design Factor (F) _____
 Length (ft.): _____ Volume _____
 Max allowable test pressure, psig _____

4. Pipe Specifications: Pipe (#3) O.D. _____ MOP _____
 Manufacture Type _____ Grade _____ SMYS _____ Seam Joint Factor _____
 Wall thickness _____ Design Factor (F) _____
 Length (ft.): _____ Volume _____
 Max allowable test pressure, psig _____

5. Pipe Specifications: Pipe (#4) O.D. _____ MOP _____
 Manufacture Type _____ Grade _____ SMYS _____ Seam Joint Factor _____
 Wall thickness _____ Design Factor (F) _____
 Length (ft.): _____ Volume _____
 Max allowable test pressure, psig _____

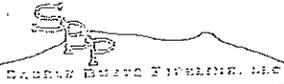
6. Pipe Specifications: Pipe (#5) O.D. _____ MOP _____
 Manufacture Type _____ Grade _____ SMYS _____ Seam Joint Factor _____
 Wall thickness _____ Design Factor (F) _____
 Length (ft.): _____ Volume _____
 Max allowable test pressure, psig _____

7. Pipe Specifications: Pipe (#6) O.D. _____ MOP _____
 Manufacture Type _____ Grade _____ SMYS _____ Seam Joint Factor _____
 Wall thickness _____ Design Factor (F) _____
 Length (ft.): _____ Volume _____
 Max allowable test pressure, psig _____

8. Pipe Fittings Specifications: Pipe Fitting O.D. _____ MOP _____
 Manufacture Type _____ Grade _____ SMYS _____ Seam Joint Factor _____
 Fitting Description _____ Wall thickness _____ Design Factor (F) _____
 Max allowable test pressure, psig _____

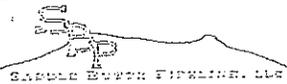
9. Pipe Fittings Specifications: Pipe Fitting O.D. _____ MOP _____
 Manufacture Type _____ Grade _____ SMYS _____ Seam Joint Factor _____
 Fitting Description _____ Wall thickness _____ Design Factor (F) _____
 Max allowable test pressure, psig _____

10. Pipe Fittings Specifications: Pipe Fitting O.D. _____ MOP _____
 Manufacture Type _____ Grade _____ SMYS _____ Seam Joint Factor _____
 Fitting Description _____ Wall thickness _____ Design Factor (F) _____
 Max allowable test pressure, psig _____



EQUIPMENT CALCULATED MOP SUMMARY WORKSHEET
(continued)

11. Manufactured: Manufacture Type _____ Fitting Description _____	Welded, Flange O.D. _____ Grade _____	Working Pressure _____
Max allowable test pressure, psig		
12. Manufactured: Manufacture Type _____	Pipe Flanges O.D. _____ Class _____ Temperature Derating Factor (T) _____	Working Pressure _____
Max allowable test pressure, psig		
13. Manufactured: Manufacture Type _____	Pipe Flanges O.D. _____ Class _____ Temperature Derating Factor (T) _____	Working Pressure _____
Max allowable test pressure, psig		
14. Manufactured: Manufacture Type _____	Block Valve Size _____ Class _____ Temperature Derating Factor (T) _____	Working Pressure _____
Max allowable test pressure, psig		
15. Calculated MOPs (psi): Test Pressure Range @Test Site, psig Note: Add <input type="text" value="0"/> psi to min. test range Maximum test pressure at test site, psig	<input type="text" value="125%"/> to psig	<input type="text" value="110%"/> to psig
CALCULATED TARGET MOP OF PIPELINE SECTION		PSIG



FAILURE LOG

FAILURE:

Date: _____ Time: _____ am / pm Failure Pressure: _____

Apparent Cause: _____

REPAIR:

Describe Repair Method: _____

FAILURE:

Date: _____ Time: _____ am / pm Failure Pressure: _____

Apparent Cause: _____

REPAIR:

Describe Repair Method: _____

FAILURE:

Date: _____ Time: _____ am / pm Failure Pressure: _____

Apparent Cause: _____

REPAIR:

Describe Repair Method: _____

FAILURE:

Date: _____ Time: _____ am / pm Failure Pressure: _____

Apparent Cause: _____

REPAIR:

Describe Repair Method: _____

FAILURE:

Date: _____ Time: _____ am / pm Failure Pressure: _____

Apparent Cause: _____

REPAIR:

Describe Repair Method: _____



SUPPLEMENTARY DOCUMENTATION

The following marked exhibits are attached as a part of this Test Report:

- EXHIBIT NO. 1 Sketch of Tested Piping (including how section is isolated), with material list
- EXHIBIT NO. 2 Profile of pipeline section and/or segment
- EXHIBIT NO. 3 Pressure Chart, with pressure test number, date, test section name, Inspector name and signature
- EXHIBIT NO. 4 Temperature Chart, with pressure test number, date, test section name, Inspector name and signature
- EXHIBIT NO. 5 Pressure Recorder Certification Papers
- EXHIBIT NO. 6 Temperature Recorder Certification Papers
- EXHIBIT NO. 7 Deadweight or Calibrated Test Gauge Certification Papers
- EXHIBIT NO. 8 Field test data log, if hand written
- EXHIBIT NO. 9 Pressure Test Procedure, if applicable, with MOP Area Representative and Engineer signature approval

CERTIFICATION

I certify this pipeline or pipeline section has been tested and successfully met the terms of SBP MOP Establishment and Pressure Testing of Pipelines Technical Guideline and, where applicable, the contract document between SBP and its prime contractor.

MOP Area Representative

By: _____ Date: _____
(Please print) (Signature)

Engineer

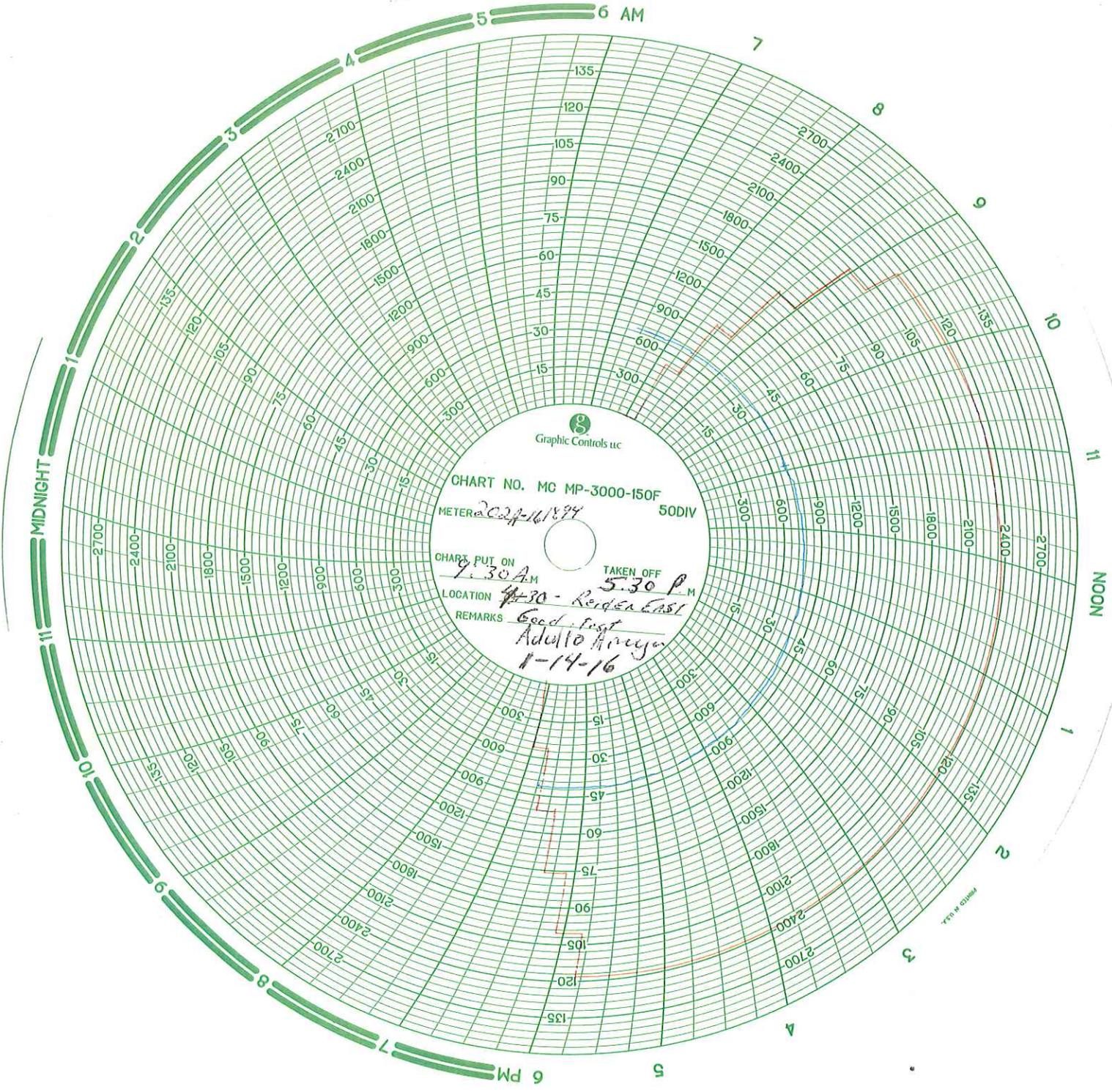
By: _____ Date: _____
(Please print) (Signature)

Inspector

By: Oscar Pickens Oscar Pickens Date: 1-14-16
(Please print) (Signature)

Name of Testing Contractor

Northwinds
By: Adolfo Ariaga Adolfo Ariaga Date: 1-14-16
(Please print) (Signature)



Time	Temperature (°F)	Pressure (hPa)
6 AM	30	1000
7 AM	35	1000
8 AM	40	1000
9 AM	45	1000
10 AM	50	1000
11 AM	55	1000
NOON	60	1000
1 PM	65	1000
2 PM	70	1000
3 PM	75	1000
4 PM	80	1000
5 PM	85	1000
6 PM	90	1000
7 PM	95	1000
8 PM	100	1000
9 PM	105	1000
10 PM	110	1000
11 PM	115	1000
MIDNIGHT	120	1000
1 AM	125	1000
2 AM	130	1000
3 AM	135	1000
4 AM	130	1000
5 AM	125	1000
6 AM	120	1000

PSS COMPANIES



2070 South 4250 West - Salt Lake City, Utah 84104 - Phone (801) 363-1933 - Fax (801) 531-9548

CALIBRATION CERTIFICATE

CERTIFICATE NUMBER: UT 81915-1

Details+/-: 0.05% ACCURACY

DATE CALIBRATED: 08-19-2015

DUE DATE: 08-19-2016

INDICATED PRESSURE RANGE: # 0 - 5,000 PSI

SERIAL NO: 352036

MANUFACTURER: CRYSTAL / XP2i

PRESSURE INSTRUMENT: # 0 - 5,000 PSI / DIGITAL GAUGE

INSTRUMENT FINDINGS/STATUS: UNIT IS IN TOLERANCE/ INSTRUMENT MEETS OR EXCEEDS SPECIFICATIONS.

BASED ON INTERNATIONAL STANDARDS OF GRAVITY: (980.665 cm./sq.).

BASED ON CLAIBRATED PISTON AREA: (0.3969154 cm./sq.) (0.061522 cm./sq.)

TYPE OF STANDARD USED TO CALIBRATE: AMERI-WEIGHT DEADWEIGHT

TEST UNIT SPT. (50-05-B) SERIAL No. 1031; CALIBRATION DATE: JULY 15, 2015

ALL STANDARD DIRECTLY TRACEABLE TO NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGIES TEST NO: (N.I.S.T.) 2.6/172490 & 6.6/139577. **CALCULATED USING MASS VALUES, AREA, A_o, AND STATED GRAVITY.**

ROOM TEMPERATURE/HUMIDITY (AT TIME OF TEST): 77°F (25°C)/ 40%

CALIBRATED BY: TYLER HALL

A handwritten signature in black ink, appearing to read 'Tyler Hall', written over a horizontal line.

SIGNATURE

PSS-COMPANIES



2070 South 4250 West - Salt Lake City, Utah 84104 - Phone (801) 363-1933 - Fax (801) 531-9548

CALIBRATION CERTIFICATE

CERTIFICATE NUMBER: UT 91015-5

Details +/-: 0.05% ACCURACY

DATE CALIBRATED: 09-10-2015
DUE DATE: 09-10-2016
INDICATED TEMPERATURE RANGE: # 0 - 150°F
INDICATED PRESSURE RANGE: # 0 - 3,000 PSI
SERIAL NO: 202A - 161894
MANUFACTURER: J - W MEASUREMENT / 12" CHART RECORDER

TYPE OF INSTRUMENT CALIBRATED: TEMPERATURE / PRESSURE RECORDER /

INSTRUMENT FINDINGS/STATUS: UNIT IS IN TOLERANCE/ INSTRUMENT MEETS OR EXCEEDS SPECIFICATIONS.

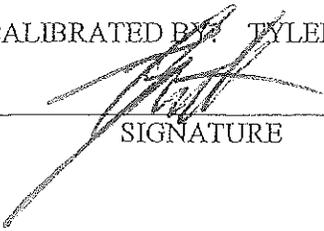
BASED ON INTERNATIONAL STANDARDS OF GRAVITY: (980.665 cm./sq.).
BASED ON CALIBRATED PISTON AREA: (0.3969154 cm./sq.) (0.061522 cm./sq.).

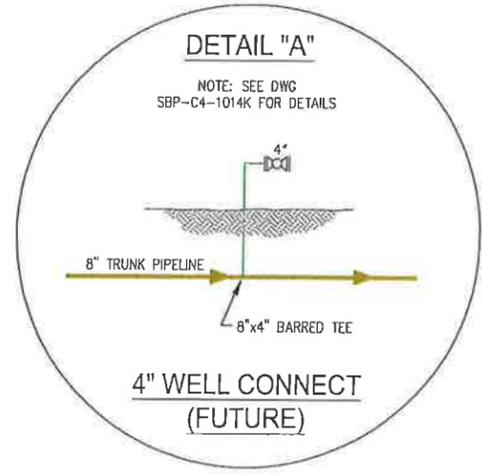
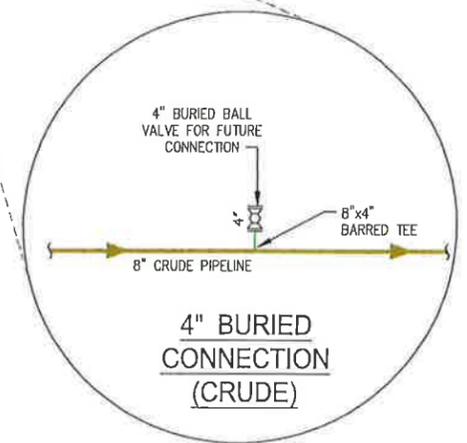
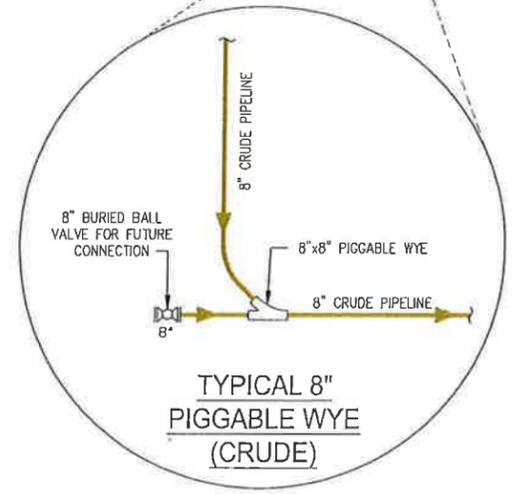
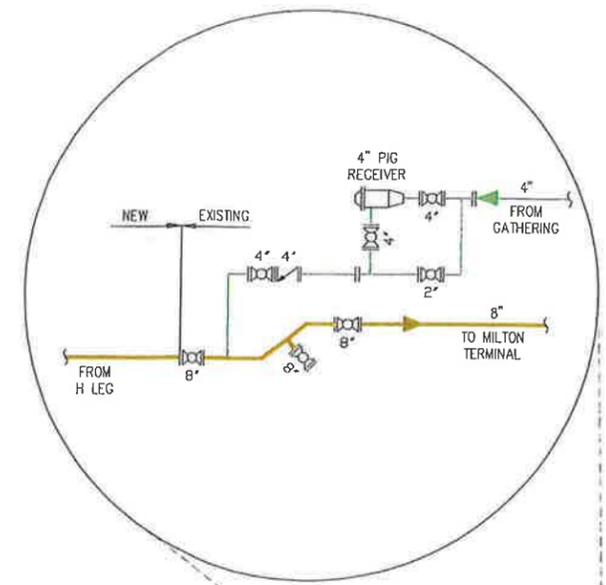
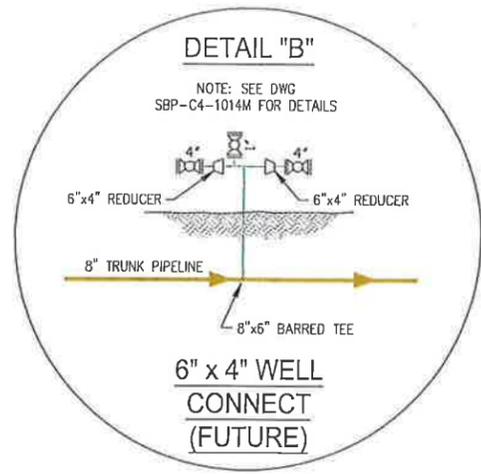
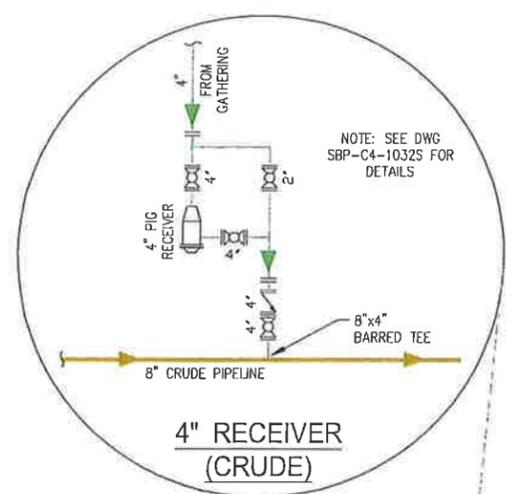
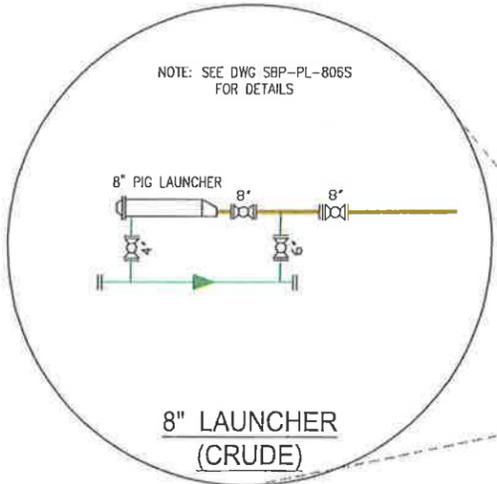
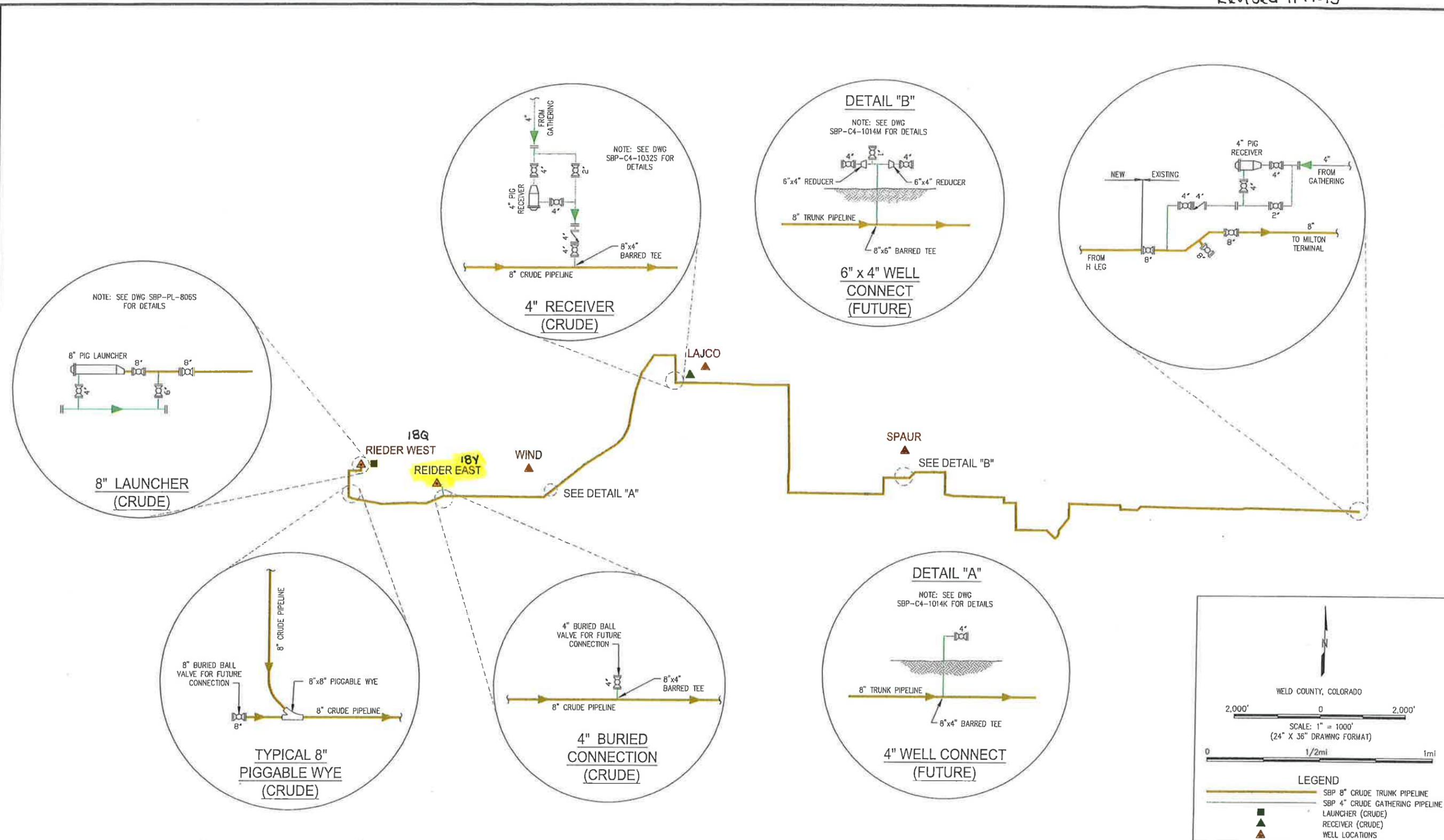
TYPE OF STANDARD USED TO CALIBRATE: AMERI-WEIGHT DEADWEIGHT TEST UNIT
SPT. (50-05) SERIAL No. 1031; THERMOWORKS TEST THERMOMETER; SERIAL NO.
D14140809. CALIBRATION DATE: JULY 15, 2015

ALL STANDARD DIRECTLY TRACEABLE TO NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGIES TEST NO: (N.I.S.T.) 2.6/172490 & 6.6/139577.

CALCULATED USING MASS VALUES, AREA, AO, AND STATED GRAVITY.
ROOM TEMPERATURE/HUMIDITY (AT TIME OF TEST): 77°F (25°C)/ 40%.

CALIBRATED BY: TYLER HALL


SIGNATURE



WELD COUNTY, COLORADO

2,000' 0 2,000'

SCALE: 1" = 1000'
(24" X 36" DRAWING FORMAT)

0 1/2mi 1mi

LEGEND

- SBP 8" CRUDE TRUNK PIPELINE
- SBP 4" CRUDE GATHERING PIPELINE
- LAUNCHER (CRUDE)
- RECEIVER (CRUDE)
- WELL LOCATIONS

- NOTES:
- 1) FLOW SCHEMATIC IS FOR GRAPHICAL REPRESENTATION ONLY.
 - 2) ALL GAS, WATER AND UTILITY LINES SHOULD BE LOCATED PRIOR TO ANY EXCAVATING, DIGGING, OR TRENCHING ANYWHERE ON OR NEAR THIS SITE.
 - 3) AUDUBON ASSUMES NO RESPONSIBILITY FOR THE SPECIFIC LOCATION OF ANY BURIED GAS, WATER, OR UTILITY LINES THAT MAY BE PRESENT ON OR NEAR THIS SITE, NOR IS ANY LIABILITY ASSUMED FOR ANY LEGAL ACTION WHICH RESULTS FROM A DISCOVERY OF A GAS, WATER, OR UTILITY LINE IN ADDITION TO OR IN A DIFFERENT LOCATION THAN SHOWN ON THIS PLAN.
 - 4) COORDINATE SYSTEM BASED ON NAD 83 COLORADO STATE PLANE, NORTH ZONE.
 - 5) PROPOSED PIPELINE ROUTES FROM IMPORTED SHAPE FILES PROVIDED BY SADDLE BUTTE PIPELINE U, LLC.

REFERENCE DRAWINGS		REVISIONS					
DWG. NO.	TITLE	NO.	DESCRIPTION	DATE	BY	CHK.	APPR.
		1	ISSUED FOR REVIEW	11/06/15	BPC	JBK	JBK
		2	RE-ISSUE FOR REVIEW	11/11/15	BPC	JBK	JBK
		3	RE-ISSUE FOR REVIEW	11/11/15	BPC	JBK	JBK
		4	ISSUED FOR REVIEW	11/06/15	BPC	JBK	JBK

DRAMA BY: BPC 11/06/15

CHECKED BY: JBK 11/16/15

REVIEWED BY: JBK 11/16/15

APPROVED BY: JBK 11/06/15

SCALE: 1" = 100'

PREPARED FOR: SADDLE BUTTE PIPELINE

audubon Engineering

H LEG FLOW SCHEMATIC

RANGEVIEW GATHERING SYSTEM

WELD COUNTY, CO

PROJECT NUMBER: PL-MAP-0011

DRAWING NUMBER: RCL C

New 12, 2015 - 4:58pm by: bchappman - Path = S:\AF 3\Survey\Projects\Audubon Engineering\Saddle Butte Pipeline\Maping\Range View_H_Leg_Rev.cwg