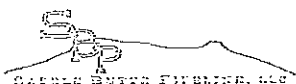


TEST SPECIFICATIONS							Date:		Select Routing:	
Rangeview Pipeline Gathering System Hydrostatic Pressure Test							29-Oct-2015			
							Test Number: 1		of 1	
Collins Well Connect				Project I.D. / AFE Number		Facility Name or Number				
Rangeview Pipeline Gathering System				14CO009		Collins Well Connect				
Installation Location (M.P. or S.S.):			State:	County/Parish:	Class Location Designation	2	Selected Design Pressure	1480	Planned MAOP	1400
0+00 to 43+10			CO	Weld						
Project Description:										
Hydrostatic pressure test of the 4" well connect pipeline.										
Testing at 1.25*MAOP = 1850 minimum test pressure. 2204 psig Target Test Pressure at Chart Location										
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			Test Pressure Calculations			Test Medium Water				
O.D. 4.5			Input minimum and maximum pressure of test			Test Duration 8 Hours (min)				
Wall Thickness 0.188			Input minimum and maximum %SMYS of test			Section Length 4,310 Ft.				
SMYS 52,000						Section Fill Volume 3,561 Gal				
Valve/Flange ANSI Class Rating			Pressure (psig) % PIPE SMYS			Max. Elevation Change 50 Ft.				
600# Valves/Fittings			Max. Test Pressure (Pipe) 2580 59.4%			Station Equations: 1 2 3				
			Max. Test Pressure (Valves and Fittings) 2660 61.2%			Back 0+00 0+00 0+00				
			Min. 1850 42.6%			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	4780	2,580	59.4%	1,872	43.1%	708	2,225	51.2%	
HIGH ELEVATION	38+85	4830	2,558	58.9%	1,850	42.6%	708	2,204	50.7%	
LOW ELEVATION	0+00	4780	2,580	59.4%	1,872	43.1%	708	2,225	51.2%	
END	43+09.9	4829	2,559	58.9%	1,850	42.6%	708	2,204	50.7%	
Chart Location (Test Point)	43+09.9	4829	2,559	58.9%	1,850	42.6%	708	2,204	50.7%	
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:

Pipeline:

COLLINS 4" WELL CONNECT PIPELINE

Section:

4" WELL CONNECT COLLINS PIPELINE

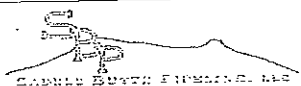
Station or Milepost

From:

0+00

To:

43+10

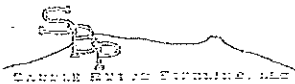


INSTRUCTIONS

PAGE 2 OF 9

In this worksheet, cells containing formulas are protected against input.
Cells with **BLUE** 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.



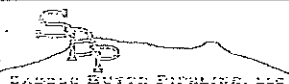
PRESSURE CALCULATIONS

PAGE 3 OF 9

Location of Test Point		Elevation of Test Point		High Point		Low Point	
		Pt. (Elevation)		4830' (Elevation)		4780' (Elevation)	
		Pt. (Station)		38185' (Station)		0700' (Station)	
				Location Name		Location Name	
Target MOP:		Test Duration: hr		Start Point		End Point	
Target Test Pressure Range		High Point		4780' (Elevation)		4710' (Elevation)	
1st Min: Maximum: 2660		Low Point		0700' (Station)		4829' (Station)	
2nd Min:				Location Name		Location Name	

TEST LOG

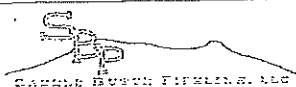
DATE	TIME	PRESSURE	AMBIENT TEMP	BELOW GROUND TEMP	ABOVE GROUND TEMP	REMARKS
12-8-15	10:00	500	55			Built up to 500 PSI
	10:15	500	55			Building up to 1000 PSI
	10:18	1000	55			Built up to 1000 PSI
	10:35	1000	56			Building up to 1500 PSI
	10:38	1500	56			Built up to 1500 PSI
	10:55	1500	59			Building up to 2000 PSI
	10:58	2000	59			Built up to 2000 PSI
	11:13	2000	59			Building up to Target Rate and to
Test	11:45	2338.3	59			WINDY TEST STARTS STABILIZE
	12:00	2338.6	59			SUNNY
	12:15	2339.2	60			SUNNY
	12:30	2339.7	61			SUNNY
	12:45	2340.3	60			
	1:00	2341.0	60			SUNNY
	1:15	2341.6	61			SUNNY
	1:30	2342.6	62			SUNNY
	1:45	2343.5	62			
	2:00	2344.1	62			
	2:15	2344.6	62			SUNNY
	2:30	2345.7	61			SUNNY
	2:45	2346.3	61			
	3:00	2346.8	61			SUNNY
	3:15	2347.1	61			SUNNY
	3:30	2347.1	59			SUN went down
	3:45	2346.6	59			
	4:00	2346.7	55			
	4:15	2347	54			
	4:30	2346.9	51			
	4:45	2346.9	50			
	5:00	2346.7	50			
	5:15	2346.7	50			
	5:30	2346.8	49			
	5:45	2346.8	48			
	6:00	2346.7	48			
	6:15	2346.5	46			
	6:30	2346.5	45			
	6:45	2346.5	44			
	7:00	2346.5	44			
	7:15	2346.5	43			



TEST LOG (CONTINUED)

PAGE 4 OF 9

DATE	TIME	PRESSURE	INSTRUMENT TEMP	BELOW	ABOVE	REMARKS
				GROUP TEMP	GROUP TEMP	
12-8-15	7:30	2346.3	43°			
Test	7:45	2346.2	41°			End of Test 15 Min Hold
	8:00	2346	41°			
	8:02	2346	41°			Bleeding down to 2000
	8:03	2000	41°			Bled down to 2000 - 15 min
	8:18	2000	41°			Bleeding down to 1500 PSI
	8:20	1500	41°			Bled down to 1500 PSI - Hold
	8:35	1500	41°			Bleeding down to 1000 PSI
	8:38	1000	41°			Bled down to 1000 PSI
	8:53	1000	41°			Bleeding down to 500 PSI
	8:55	500	41°			Bled down to 500 PSI - 15 min
	9:10					Bled down the line Hold



TEST EQUIPMENT

PAGE 5 OF 9

PRESSURE RECORDER 1:

Mfg. JW MEASUREMENT COMPANY
Model _____
Serial No. 202A-161894
Range 0-3000 PSI
Notes: _____

PRESSURE RECORDER 2:

Mfg. _____
Model _____
Serial No. _____
Range _____
Notes: _____

DEADWEIGHT TESTER OR CALIBRATED TEST GAUGE:

Mfg. CRYSTAL Engineering
Model X12i 5000 DL
Serial No. 352036
Date of last Calibration 8-19-15
Calibrated by DOUBLE EE SERVICES
Range 0-5000 PSI
Notes: _____

TEMPERATURE RECORDER:

Mfg. _____
Model _____
Serial No. _____
Range _____
Notes: _____

CALIBRATION OF TEMPERATURE RECORDER

Temperature recorder reading	Test mercury thermometer reading	Remarks

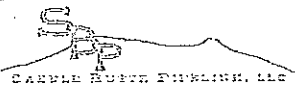
CALIBRATION OF PRESSURE RECORDER 1

Pressure recorder reading	Deadweight tester reading	Remarks

CALIBRATION OF PRESSURE RECORDER 2

Pressure recorder reading	Deadweight tester reading	Remarks

NOTES



EQUIPMENT CALCULATED MOP SUMMARY WORKSHEET

PAGE 6 OF 9

1. Test Information:

Date 12-8-15Time 11:45 AM TO 7:45 PMTarget MOP Test Point Location 43+09.9

Enter the desired MOP,
if less than pipe
internal design
pressure.

Test Medium WATERTest Duration 8 HR

Specific Gravity of Test Medium _____

Min. Test Press. at test site 125% of min. MOP + elv.

110% _____

Maximum allowable % of SMYS = 100%

2. Pipe Specifications:

Manufacture Type _____

Grade X-52

SMYS _____

Pipe (#1) O.D. 4.5

MOP _____

Wall thickness .788

Seam Joint Factor _____

Design Factor (F) _____

Length (ft.): 4310

Volume _____

Max allowable test pressure, psig _____

3. Pipe Specifications:

Manufacture Type _____

Grade _____

SMYS _____

Pipe (#2) O.D. _____

MOP _____

Wall thickness _____

Seam Joint Factor _____

Design Factor (F) _____

Length (ft.): _____

Volume _____

Max allowable test pressure, psig _____

4. Pipe Specifications:

Manufacture Type _____

Grade _____

SMYS _____

Pipe (#3) O.D. _____

MOP _____

Wall thickness _____

Seam Joint Factor _____

Design Factor (F) _____

Length (ft.): _____

Volume _____

Max allowable test pressure, psig _____

5. Pipe Specifications:

Manufacture Type _____

Grade _____

SMYS _____

Pipe (#4) O.D. _____

MOP _____

Wall thickness _____

Seam Joint Factor _____

Design Factor (F) _____

Length (ft.): _____

Volume _____

Max allowable test pressure, psig _____

6. Pipe Specifications:

Manufacture Type _____

Grade _____

SMYS _____

Pipe (#5) O.D. _____

MOP _____

Wall thickness _____

Seam Joint Factor _____

Design Factor (F) _____

Length (ft.): _____

Volume _____

Max allowable test pressure, psig _____

7. Pipe Specifications:

Manufacture Type _____

Grade _____

SMYS _____

Pipe (#6) O.D. _____

MOP _____

Wall thickness _____

Seam Joint Factor _____

Design Factor (F) _____

Length (ft.): _____

Volume _____

Max allowable test pressure, psig _____

8. Pipe Fittings Specifications:

Manufacture Type _____

Grade _____

SMYS _____

Pipe Fitting O.D. _____

MOP _____

Fitting Description _____

Wall thickness _____

Seam Joint Factor _____

Design Factor (F) _____

Max allowable test pressure, psig _____

9. Pipe Fittings Specifications:

Manufacture Type _____

Grade _____

SMYS _____

Pipe Fitting O.D. _____

MOP _____

Fitting Description _____

Wall thickness _____

Seam Joint Factor _____

Design Factor (F) _____

Max allowable test pressure, psig _____

10. Pipe Fittings Specifications:

Manufacture Type _____

Grade _____

SMYS _____

Pipe Fitting O.D. _____

MOP _____

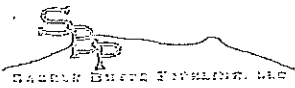
Fitting Description _____

Wall thickness _____

Seam Joint Factor _____

Design Factor (F) _____

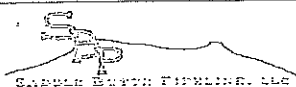
Max allowable test pressure, psig _____



EQUIPMENT CALCULATED MOP SUMMARY WORKSHEET
(continued)

PAGE 7 OF 9

11. Manufactured: Fitting Description _____ Manufacture Type _____ Grade _____	Weldolet, w/ O.D. _____ Class _____ Temperature Derating Factor (T) _____	Working Pressure _____ Max allowable test pressure, psig _____
12. Manufactured: Manufacture Type _____ Class _____ Temperature Derating Factor (T) _____	Pipe Flanges O.D. _____ Class _____ Temperature Derating Factor (T) _____	Working Pressure _____ Max allowable test pressure, psig _____
13. Manufactured: Manufacture Type _____ Class _____ Temperature Derating Factor (T) _____	Pipe Flanges O.D. _____ Class _____ Temperature Derating Factor (T) _____	Working Pressure _____ Max allowable test pressure, psig _____
14. Manufactured: Manufacture Type _____ Class _____ Temperature Derating Factor (T) _____	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 _____		
CALCULATED TARGET MOP OF PIPELINE SECTION		PSIG



FAILURE LOG

PAGE 8 OF 9

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: _____

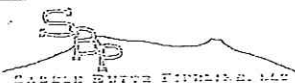
FAILURE:

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

Apparent Cause: _____

REPAIR:

Describe Repair Method: _____



SUPPLEMENTARY DOCUMENTATION

PAGE 9 OF 9

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

Engineer

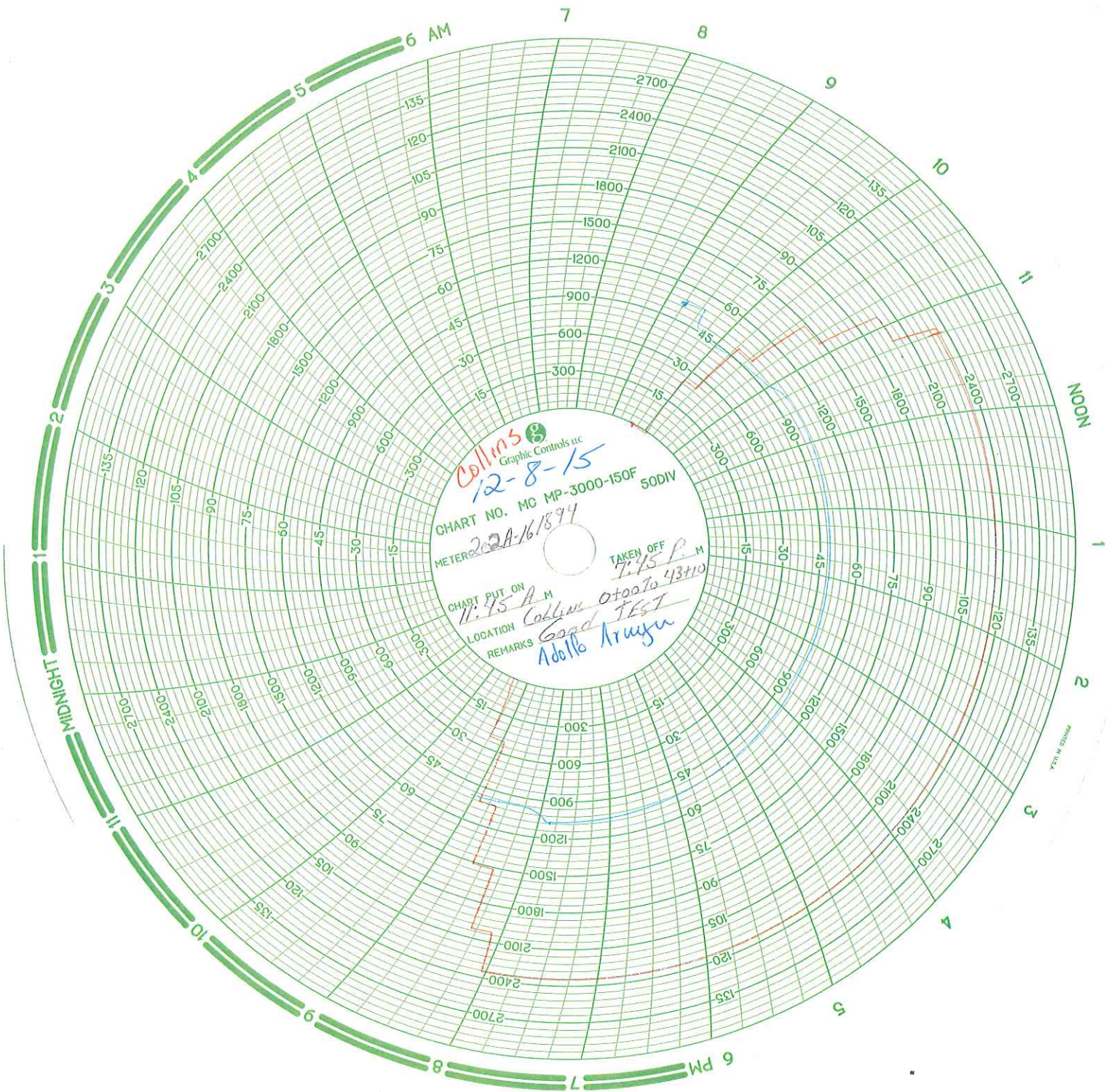
By: _____ (Please print) _____ (Signature) Date: _____

Inspector

By: OSCAR PICKENS Oscar Pickens Date: 12-8-15
(Please print) (Signature)

Name of Testing Contractor

By: Adolfo Arriaga Adolfo Arriaga Date: 12-8-15
(Please print) (Signature)



Collins
Graphic Controls Inc.
12-8-15
CHART NO. MC MP-3000-150F 50DIV
METER 202A-161894
CHART PUT ON 11:45 A.M.
LOCATION Collins
REMARKS Good TEST
Adolfo Arroyo
TAKEN OFF 7:45 P.M.

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 be '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

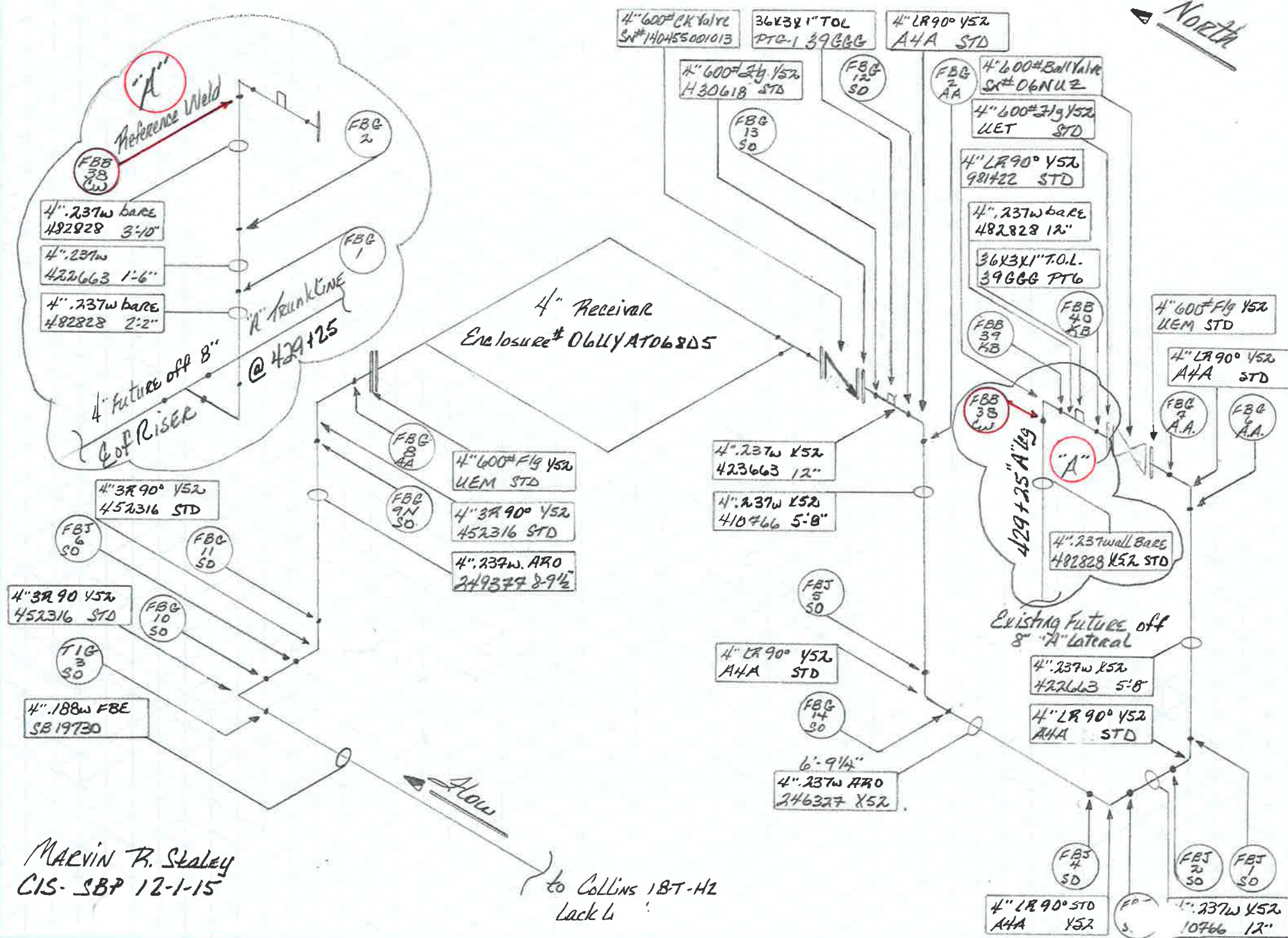
ALL STANDARD DIRECTLY TRACEABLE TO NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGIES TEST NO: (N.I.S.T.) 2.6/172490 & 6.6/139577.

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

Collins 18T-42 Receiver Location to Future off "A" lateral @ 429+25



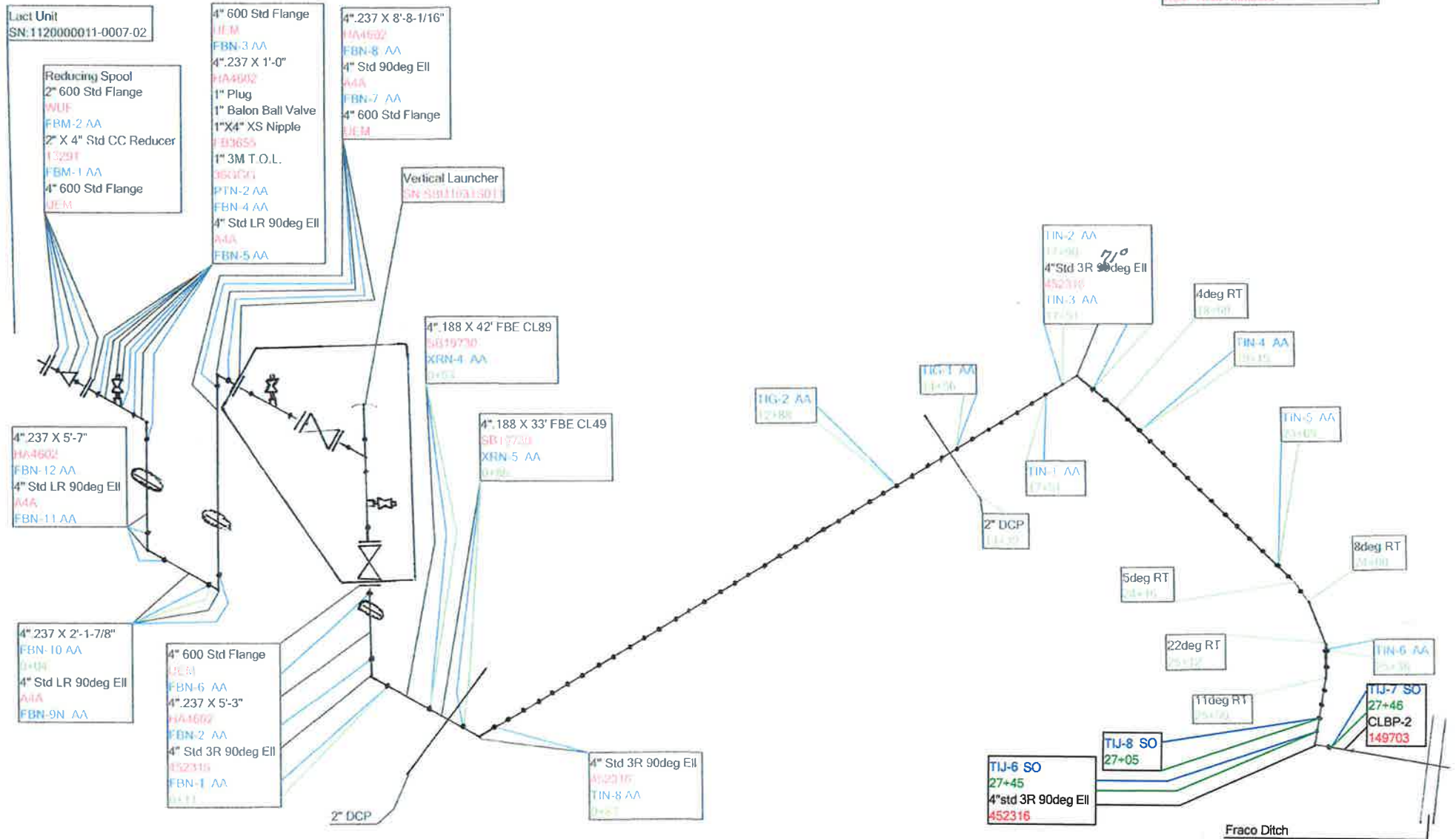
MARVIN R. STALEY
CIS-SBP 12-1-15

to COLLINS 18T-H2
Lack 4

East End of Collins Well Connect 18T-8Z

Color Designation

Black	- General Information
Blue	- X Ray Number & Welder Stamp
Green	- Runway
Red	- Heat Numbers



WELD COUNTY, COLORADO
SECTION 18, T-4-N, R-6-W
(TRACT 260.101)
EVERETT BOYD COLLINS AND GAYLE M. COLLINS
2200.00 FEET OR 133.33 RODS

PLAN
SCALE: 1" = 100'

STATIONING

PROFILE
HORIZONTAL: 1" = 100'
VERTICAL: 1" = 40'

PIPE DETAIL
N.T.S.

LEGEND

- CA PROPOSED PIPELINE
- FENCE LINE
- SURVEY SECTION LINE
- TRACT BORDER
- COUNTY LINE
- EXISTING PIPELINE
- ROADWAY
- PERMANENT EASEMENT
- TEMPORARY WORKSPACE
- ADDITIONAL TEMPORARY WORKSPACE
- POINT OF INTERSECTION
- TEST LEAD
- BLOCK VALVE
- BORE ENTRY/EXIT

GENERAL INFORMATION

ISSUED FOR CONSTRUCTION

M.O.P.: 1480 P.S.I.G., MINIMUM REQ. TEST PRESSURE: 2225 PSIG
ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID
BASED UPON THE COLORADO STATE PLANE COORDINATE SYSTEM, NORTH ZONE OF
THE NORTH AMERICAN DATUM 1983, U.S. SURVEY FEET

WARNING
A REASONABLE ATTEMPT HAS BEEN MADE TO LOCATE ALL UNDERGROUND OBSTRUCTIONS BUT UTILITIES SHOWN HEREON ARE APPROXIMATE
ONLY AND THERE MAY ALSO BE OTHER UNDERGROUND UTILITIES THAT ARE NOT SHOWN. IT IS STILL THE CONTRACTOR'S RESPONSIBILITY TO
LOCATE ALL UNDERGROUND FACILITIES WITHIN WORKING AREA. CONTRACTOR MUST CONTACT ONE CALL UTILITY LOCATION SERVICES AND THE
OWNERS OF THE UTILITIES TO VERIFY THEIR LOCATION.
THIS DOCUMENT IS FOR CONSTRUCTION PURPOSES ONLY AND IS NOT INTENDED TO BE FILED OF RECORD FOR EASEMENT OR ANY OTHER
PURPOSE.

REVISION

NO.	DESCRIPTION	DATE
1	ISSUED FOR CONSTRUCTION	

SUMMARY OF MATERIALS

ITEM #	LINEAR FEET	DESCRIPTION
1	2200.0	4.500" OD x 0.188" w API 5L X52, FBE

SADDLE BUTTE ROCKIES
MIDSTREAM, LLC.

PRELIMINARY CONSTRUCTION ALIGNMENT

PROPOSED
COLLINS WELL CONNECT
4" PIPELINE
0+00.0 TO 22+00.0

FILE: AL_SADDLE_BUTTE_LATERAL_A_COLLINS
DRAFT: JMC
SHEET: 1 OF 2
CHECK: BJR
DATE: 10/2/15
REVISION: 0

WELD COUNTY, COLORADO
SECTION 18, T-4N, R-64W

TRACT 260.101
EVERETT BOYD COLLINS AND GAYLE M. COLLINS
693.35 FEET OR 42.02 RODS

TRACT 260.100
THE FARMERS RESERVOIR AND IRRIGATION COMPANY
65.82 FEET OR 3.99 RODS

TRACT 260.101
EVERETT BOYD COLLINS AND GAYLE M. COLLINS
971.48 FEET OR 58.88 RODS

TRACT 260.001
NOBLE ENERGY WYCO, LLC
378.73 FEET OR 22.95 RODS

PLAN
SCALE: 1" = 100'

STATIONING

PROFILE
HORIZONTAL: 1" = 100'
VERTICAL: 1" = 40'

PIPE DETAIL
N.T.S.

LEGEND

- OL PROPOSED PIPELINE
- FENCE LINE
- SURVEY SECTION LINE
- TRACT BORDER
- COUNTY LINE
- EXISTING PIPELINE
- ROAD WAY
- PERMANENT EASEMENT
- TEMPORARY WORKSPACE
- ADDITIONAL TEMPORARY WORKSPACE
- POINT OF INTERSECTION
- TEST LEAD
- BLOCK VALVE
- BORE ENTRY/EXIT

GENERAL INFORMATION
ISSUED FOR CONSTRUCTION
M.O.P.: 1450 P.S.I.G., 1000 PSI REO, TEST PRESSURE: 3225 P.S.I.G.
ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE (GND)
BASED UPON THE COLORADO STATE PLANE COORDINATE SYSTEM, NORTH ZONE OF
THE NORTH AMERICAN DATUM 1983, U.S. SURVEY FEET

REVISION

NO.	DESCRIPTION	DATE
1		
2		

SUMMARY OF MATERIALS

ITEM #	LINEAR FEET	DESCRIPTION
1	1004.5	4.500" OD x 0.188" w API 5L, X52, FBE
2	414.9	4.500" OD x 0.237" w API 5L, X52, ARO

SADDLE BUTTE ROCKIES
MIDSTREAM, LLC.

PRELIMINARY CONSTRUCTION ALIGNMENT

PROPOSED
COLLINS WELL CONNECT
4" PIPELINE
22+00.0 TO 43+09.4

FILE: AL_SADDLE_BUTTE_LATERAL_A_COLLINS
DRAFT: JMC
SHEET: 2 OF 3
CHECK: BR
DATE: 10/6/15
REVISION:
0

WELD COUNTY, COLORADO

SECTION 18, T-4-N, R-64-W

EVERETT BOYD COLLINS AND GAYLE M. COLLINS

3927.48 FEET OR 238.03 RODS

WC-01

WC-02

NOBLE ENERGY WYCO, LLC

408.82 FEET OR 24.78 RODS

PLAN

SCALE: 1" = 200'

STATIONING

PROFILE

HORIZONTAL: 1" = 200'

VERTICAL: 1" = 40'

PIPE DETAIL

N.T.S.

LEGEND

GENERAL INFORMATION

REVISION

SUMMARY OF MATERIALS

SADDLE BUTTE ROCKIES
MIDSTREAM, LLC.

AS-BUILT CONSTRUCTION ALIGNMENT