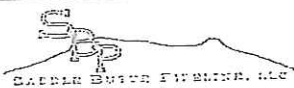


| TEST SPECIFICATIONS | | | | | | Date: | | Select Routing: | |
|---|---------|---|--------------------------------------|---------------|---|---|-------------------------|-----------------|----------------|
| Rangeview Pipeline Gathering System Hydrostatic Pressure Test | | | | | | 4-Sep-2015 | | | |
| Suden Well Connect | | | | | | Test Number: 1 | | of 1 | |
| Project Name: Rangeview Pipeline Gathering System | | | Project I.D. / AFE Number 14CO009 | | | Facility Name or Number Suden Well Connect | | | |
| Installation Location (M.P. or S.S.): 0+00 to 2752.8 | | State: CO | County/Parish: Weld | | Class Location Designation 2 | Selected Design Pressure 1480 | Planned MAOP 1400 | | |
| Project Description: | | | | | | | | | |
| Hydrostatic pressure test of the 4" well connect pipeline. | | | | | | | | | |
| Testing at 1.25*MAOP = 1850 minimum test pressure. 2221 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"/> | | | | | | | | | |
| Test Design Criteria | | | | | Test Section - Reference Data | | | | |
| Minimum Component Characteristics | | Test Pressure Calculations | | | Test Medium Water Test Duration 8 Hours (min) Section Length 2,753 Ft. Section Fill Volume 2,274 Gal Max. Elevation Change 21 Ft. Station Equations: Back 0+00 0+00 0+00 Ahead 0+00 0+00 0+00 | | | | |
| Pipe Information | | <input type="checkbox"/> Input minimum and maximum pressure of test <input type="checkbox"/> Input minimum and maximum %SMYS of test | | | | | | | |
| O.D. 4.5 Wall Thickness 0.188 SMYS 52,000 | | | | | | | | | |
| Valve/Flange ANSI Class Rating 600# Valves/Fittings | | | | | | | | | |
| | | Pressure (psig) % PIPE SMYS Max. Test Pressure (Pipe) 2590 59.6% Max. Test Pressure (Valves and Fittings) 2660 61.2% Min. 1850 42.6% | | | | | | | |
| Test Pressures | | | | | | | | | |
| Location | Station | Elevation (feet) | Max. psig. | % SMYS @ Max. | Min. psig. | % SMYS @ Min. | Variance psig. | Target psig. | % SMYS @Target |
| BEGIN - | 0+00 | 4664 | 2,587 | 59.5% | 1,856 | 42.7% | 731 | 2,221 | 51.1% |
| HIGH ELEVATION | 23+50 | 4678 | 2,581 | 59.4% | 1,850 | 42.6% | 731 | 2,215 | 51.0% |
| LOW ELEVATION | 11+55 | 4657 | 2,590 | 59.6% | 1,859 | 42.8% | 731 | 2,224 | 51.2% |
| END | 27+52.8 | 4674 | 2,583 | 59.4% | 1,852 | 42.6% | 731 | 2,217 | 51.0% |
| Chart Location (Test Point) | 0+00 | 4664 | 2,587 | 59.5% | 1,856 | 42.7% | 731 | 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

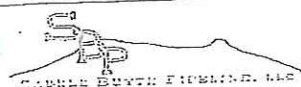
PAGE 1 OF 9

LIQUID PIPELINE PRESSURE TEST REPORT

Pressure Test Number ONE

MOP of tested facility is PSIG

Company: Saddle Butte Operations Area: _____
Project: Rangeview Gathering System AFE: 14C0009
Pipeline: Suden Well Connect
Section: All
Station or Milepost From: 0+00 To: 27+52

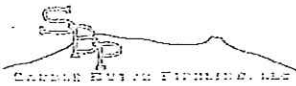


INSTRUCTIONS

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

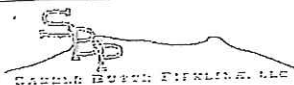
PAGE 3 OF 9

| | | | |
|--|---|--|---|
| Location of Test Point <u>0+00</u> | Elevation of Test Point <u>4664</u> Ft. (Elevation) <u>0+00</u> Ft. (Station) | High Point <u>4678</u> Ft. (Elevation) <u>23+50</u> Ft. (Station) Location Name | Low Point <u>4657</u> Ft. (Elevation) <u>11+55</u> Ft. (Station) Location Name |
| Target MOP: Target Test Pressure Range 1st Min: <u>2230</u> Maximum: <u>2590</u> 2nd Min: | Test Duration: <u>8</u> hr High Point Low Point | Start Point <u>4664</u> Ft. (Elevation) <u>0+00</u> Ft. (Station) Location Name | End Point <u>4674</u> Ft. (Elevation) <u>27+52</u> Ft. (Station) Location Name |

TEST LOG

| DATE | TIME | PRESSURE | AMBIENT TEMP | BELOW GROUND TEMP | ABOVE GROUND TEMP | REMARKS |
|---------|-------|----------|--------------|-------------------|-------------------|------------------------------|
| 9-12-11 | 7:15 | 0 | 46 | | | |
| | 7:30 | 0-490 | 46 | | | Build up to 500 |
| | 7:45 | 491 | 47 | | | Build to 1000 |
| | 7:49 | 1000 | 47 | | | |
| | 8:00 | 1000 | 48 | | | Build to 1500 |
| | 8:04 | 1504 | 48 | | | |
| | 8:15 | 1500 | 48 | | | Build to 2000 |
| | 8:39 | 2002 | 49 | | | |
| | 8:30 | 2002 | 49 | | | Build to 2221 |
| | 8:32 | 2230 | 49 | | | |
| * | 8:45 | 2230 | 51 | | | Begin TEST Clear Sunny skies |
| | 9:00 | 2230 | 53 | | | |
| | 9:15 | 2232 | 55 | | | Sunny warming up fast |
| | 9:30 | 2235 | 58 | | | |
| | 9:45 | 2237 | 61 | | | |
| | 10:00 | 2238 | 63 | | | |
| | 10:15 | 2241 | 65 | | | |
| | 10:30 | 2245 | 68 | | | |
| | 10:45 | 2248 | 70 | | | |
| | 11:00 | 2252 | 72 | | | |
| | 11:15 | 2256 | 72 | | | |
| | 11:30 | 2261 | 73 | | | |
| | 11:45 | 2265 | 74 | | | |
| | 12:00 | 2269 | 75 | | | |
| | 12:15 | 2273 | 77 | | | |
| | 12:30 | 2276 | 79 | | | |
| | 12:45 | 2279 | 80 | | | |
| | 1:00 | 2283 | 81 | | | |
| | 1:15 | 2286 | 81 | | | |
| | 1:30 | 2290 | 82 | | | |
| | 1:45 | 2293 | 82 | | | |
| | 2:00 | 2295 | 83 | | | |
| | 2:15 | 2297 | 83 | | | |
| | 2:30 | 2298 | 84 | | | |
| | 2:45 | 2300 | 84 | | | |
| | 3:00 | 2301 | 84 | | | |
| | 3:15 | 2302 | 84 | | | |
| | 3:30 | 2303 | 84 | | | |
| | 3:45 | 2303 | 84 | | | |

| CABLE BURN PROBLEM, ETC | | | | | | |
|-------------------------|------|----------|----------------|----------------|----------------|--------------------------------------|
| DATE | TIME | PRESSURE | ASIENT TEMP | BELOW | ABOVE | REMARKS |
| | | | | GROUND TEMP | GROUND TEMP | |
| 9-12 | 4:00 | 2303 | 85 | | | Clear Sunny Hot - Perfect Weather |
| | 4:15 | 2304 | 85 | | | |
| | 4:30 | 2304 | 86 | | | |
| * | 4:45 | 2304 | 86 | | | END TEST |
| | 4:50 | 2304 | 86 | | | Bleed to 2000 |
| | 4:51 | 2002 | 86 | | | Bleed to 1500 |
| | 5:05 | 2002 | 86 | | | Bleed to 1000 |
| | 5:07 | 1506 | 85 | | | Bleed to 500 |
| | 5:20 | 1506 | 85 | | | Bleed to 0 |
| | 5:22 | 1002 | 85 | | | |
| | 5:35 | 1002 | 85 | | | |
| | 5:38 | 498 | 85 | | | |
| | 5:50 | 498 | 84 | | | |
| | 5:54 | -0- | 84 | | | |
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TEST EQUIPMENT

PAGE 5 OF 9

PRESSURE RECORDER 1:

Mfg. Barton (PSS)
Model _____
Serial No. 242-119810
Range 0-3000 #
Notes: Cal on 4-9-15

PRESSURE RECORDER 2:

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

DEADWEIGHT TESTER OR CALIBRATED TEST GAUGE:

Mfg. Crystal Engineering
Model XPI 5000
Serial No. 364359
Date of last Calibration 4-10-15
Calibrated by PSS
Range 0-5000
Notes: _____

TEMPERATURE RECORDER:

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

CALIBRATION OF TEMPERATURE RECORDER

| Temperature recorder reading | Test mercury thermometer reading | Remarks |
|------------------------------|----------------------------------|---------|
| | | |
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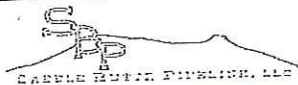
CALIBRATION OF PRESSURE RECORDER 1

| Pressure recorder reading | Deadweight tester reading | Remarks |
|---------------------------|---------------------------|---------|
| | | |
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| | | |

CALIBRATION OF PRESSURE RECORDER 2

| Pressure recorder reading | Deadweight tester reading | Remarks |
|---------------------------|---------------------------|---------|
| | | |
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NOTES



EQUIPMENT CALCULATED MOP SUMMARY WORKSHEET

PAGE 6 OF 9

1. Test Information:

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

Date 9-12-15
Test Point Location 0+00
Test Medium Water
Specific Gravity of Test Medium _____
Min. Test Press. at test site 125% of min. MOP + elev. _____
Maximum allowable % of SMYS = 100%

Time 7:15 Am
Test Duration 8 hr

2. Pipe Specifications:

Manufacture Type _____

Grade X52Pipe (#1) O.D. 4.5

SMYS _____

Wall thickness .188

Length (ft.): _____

MOP _____

Seam Joint Factor _____

Design Factor (F) _____

Volume _____

Max allowable test pressure, psig _____

3. Pipe Specifications:

Manufacture Type _____

Grade _____

Pipe (#2) O.D. _____

SMYS _____

Wall thickness _____

Length (ft.): _____

MOP _____

Seam Joint Factor _____

Design Factor (F) _____

Volume _____

Max allowable test pressure, psig _____

4. Pipe Specifications:

Manufacture Type _____

Grade _____

Pipe (#3) O.D. _____

SMYS _____

Wall thickness _____

Length (ft.): _____

MOP _____

Seam Joint Factor _____

Design Factor (F) _____

Volume _____

Max allowable test pressure, psig _____

5. Pipe Specifications:

Manufacture Type _____

Grade _____

Pipe (#4) O.D. _____

SMYS _____

Wall thickness _____

Length (ft.): _____

MOP _____

Seam Joint Factor _____

Design Factor (F) _____

Volume _____

Max allowable test pressure, psig _____

6. Pipe Specifications:

Manufacture Type _____

Grade _____

Pipe (#5) O.D. _____

SMYS _____

Wall thickness _____

Length (ft.): _____

MOP _____

Seam Joint Factor _____

Design Factor (F) _____

Volume _____

Max allowable test pressure, psig _____

7. Pipe Specifications:

Manufacture Type _____

Grade _____

Pipe (#6) O.D. _____

SMYS _____

Wall thickness _____

Length (ft.): _____

MOP _____

Seam Joint Factor _____

Design Factor (F) _____

Volume _____

Max allowable test pressure, psig _____

8. Pipe Fittings Specifications:

Manufacture Type _____

Grade _____

Pipe Fitting O.D. _____

SMYS _____

Wall thickness _____

MOP _____

Seam Joint Factor _____

Design Factor (F) _____

Fitting Description _____

Max allowable test pressure, psig _____

9. Pipe Fittings Specifications:

Manufacture Type _____

Grade _____

Pipe Fitting O.D. _____

SMYS _____

Wall thickness _____

MOP _____

Seam Joint Factor _____

Design Factor (F) _____

Fitting Description _____

Max allowable test pressure, psig _____

10. Pipe Fittings Specifications:

Manufacture Type _____

Grade _____

Pipe Fitting O.D. _____

SMYS _____

Wall thickness _____

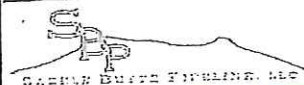
MOP _____

Seam Joint Factor _____

Design Factor (F) _____

Fitting Description _____

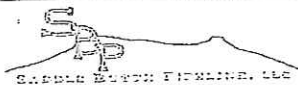
Max allowable test pressure, psig _____



EQUIPMENT CALCULATED MOP SUMMARY WORKSHEET
(continued)

PAGE 7 OF 9

| | | | |
|---|---------------------------------|-----------------------------------|------------------|
| 11. Manufactured: | | Weldolet, etc. O.D. | Working Pressure |
| Manufacture Type | Grade | | |
| Fitting Description | | | |
| | | Max allowable test pressure, psig | |
| 12. Manufactured: | | Pipe Flanges O.D. | Working Pressure |
| Manufacture Type | Class | | |
| | Temperature Derating Factor (T) | | |
| | | Max allowable test pressure, psig | |
| 13. Manufactured: | | Pipe Flanges O.D. | Working Pressure |
| Manufacture Type | Class | | |
| | Temperature Derating Factor (T) | | |
| | | Max allowable test pressure, psig | |
| 14. Manufactured: | | Block Valve Size | Working Pressure |
| Manufacture Type | Class | | |
| | Temperature Derating Factor (T) | | |
| | | Max allowable test pressure, psig | |
| 15. Calculated MOPs (psi): | | 125% to psig | 110% to psig |
| Test Pressure Range @Test Site, psig | | | |
| Note: Add 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: _____

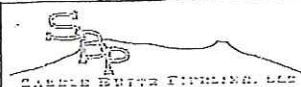
FAILURE:

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

Engineer

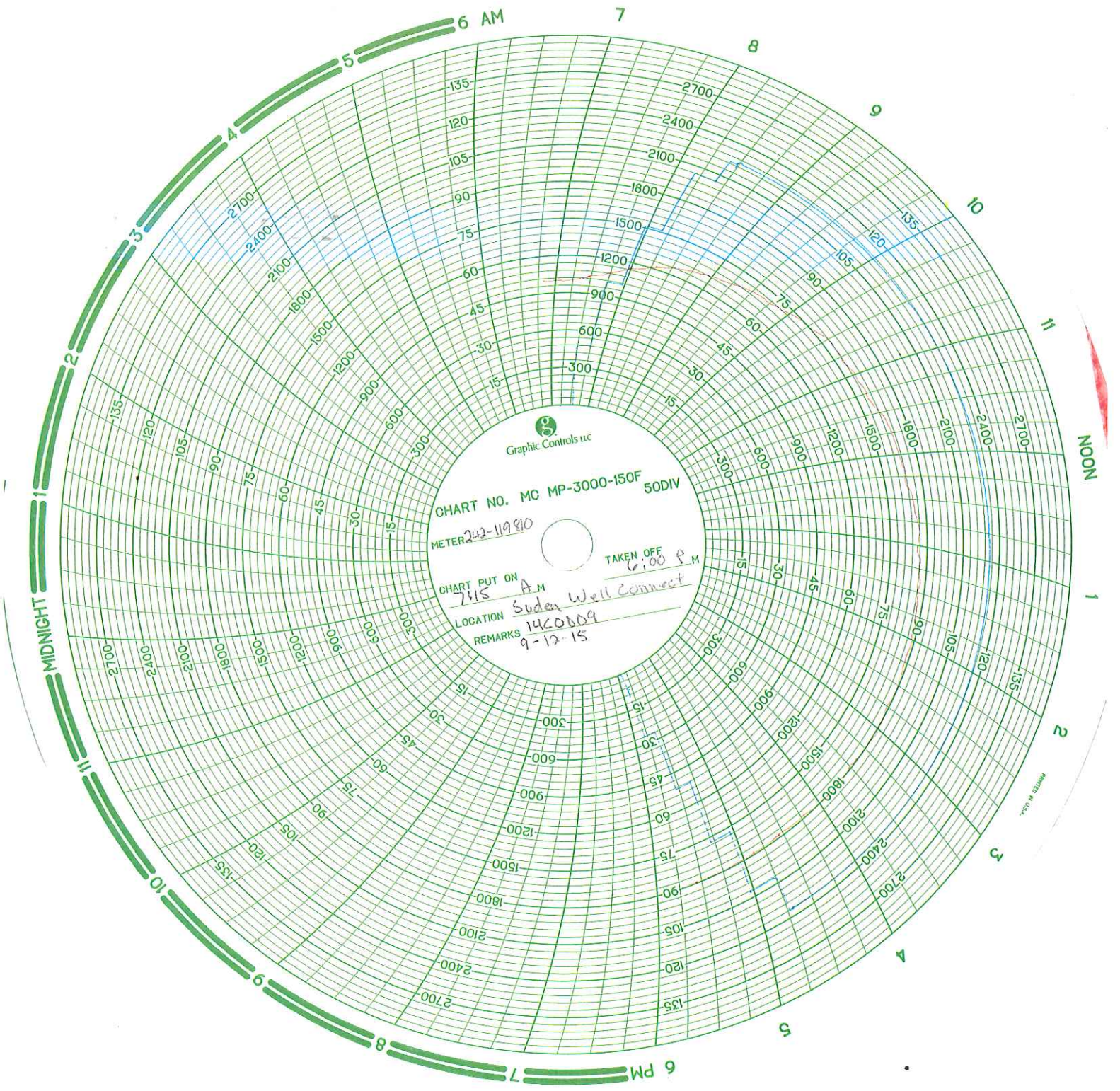
By: _____ Date: _____
(Please print) (Signature)

Inspector

By: Charles Wallace Charles Wallace Date: 9-12-2015
(Please print) (Signature)

Name of Testing Contractor

North Winds of Wyoming
By: Philip Mackay [Signature] Date: 9-12-2015
(Please print) (Signature)



Graphic Controls Inc

CHART NO. MC MP-3000-150F 50DIV
METER 242-119810

CHART PUT ON 7:15 A.M.
LOCATION Sudan Well Connect
REMARKS 1460009
9-12-15

TAKEN OFF 6:00 P.M.

Diq Gauge

PSS COMPANIES



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

CALIBRATION CERTIFICATE

CERTIFICATE NUMBER: UT 61015-2

Details+/-: 0.05% ACCURACY

DATE CALIBRATED: 06-10-2015

DUE DATE: 06-10-2016

INDICATED PRESSURE RANGE: # 0 - 5,000 PSI

SERIAL NO: 364359

MANUFACTURER: CRYSTAL / XP2 i

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 14, 2014

**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, A₀, AND STATED GRAVITY.**

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

CALIBRATED BY: TYLER HALL

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 4915-3

Details +/-: 0.05% ACCURACY

DATE CALIBRATED: 04-09-2015
DUE DATE: 04-09-2016
INDICATED TEMPERATURE RANGE: # 0 – 150°F
INDICATED PRESSURE RANGE: # 0 - 3,000 PSI
SERIAL NO: 242 - 119810
MANUFACTURER: BARTON / 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; KESSLER TEST THERMOMETERS; SERIAL NO, 87B2276 &
403751. CALIBRATION DATE: JULY 14, 2014

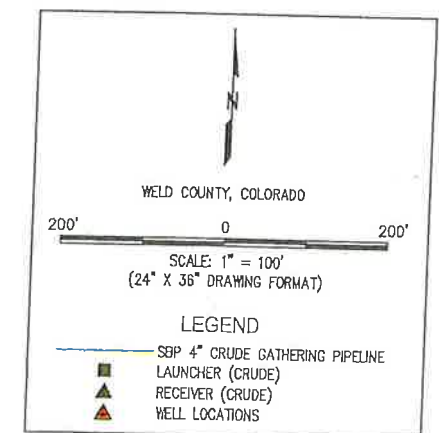
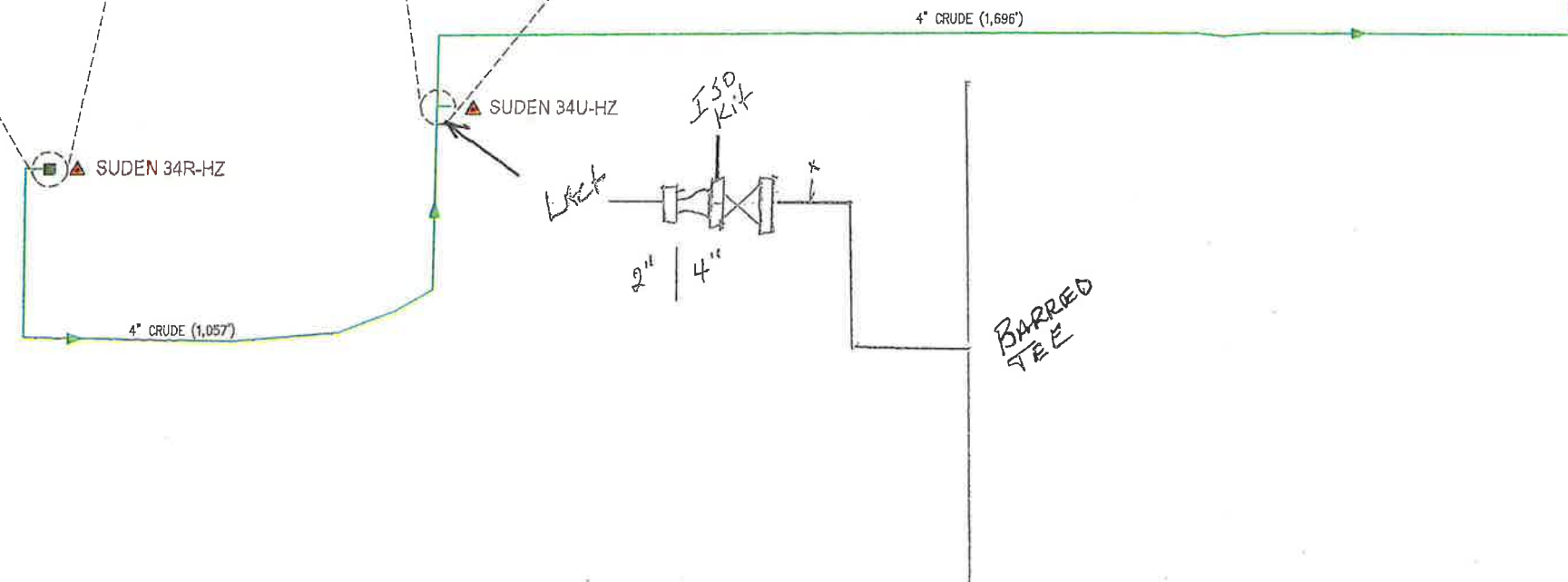
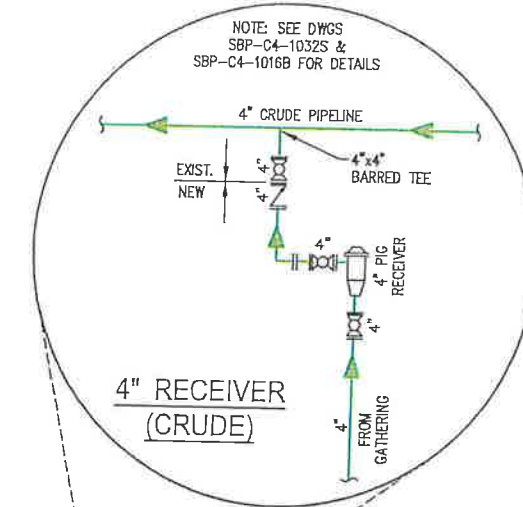
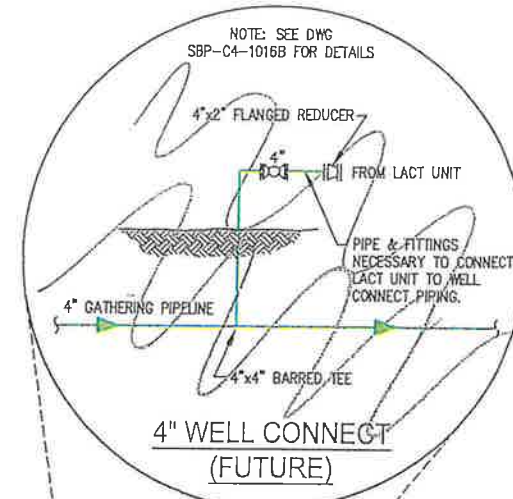
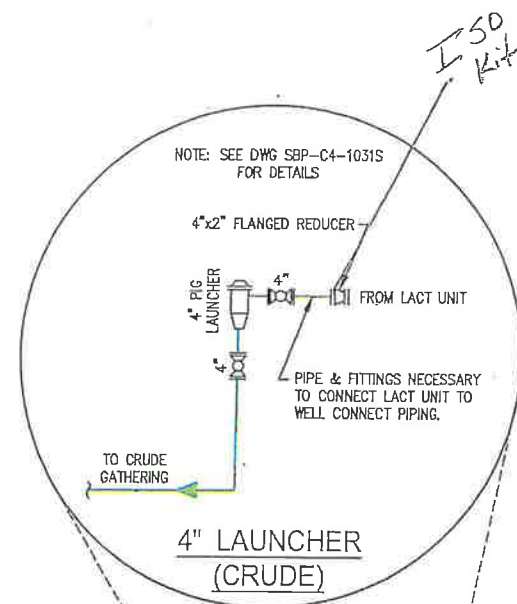
ALL STANDARD DIRECTLY TRACEABLE TO NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGIES TEST NO: (N.I.S.T.) 2.6/172490 & 6.6/139577.

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



NOTES:

- 1) FLOW SCHEMATIC IS FOR GRAPHICAL REPRESENTATION ONLY.
- 2) ALL GAS, WATER AND UTILITY LINES SHOULD BE LOCATED PRIOR TO ANY EXCAVATING, DRILLING, OR TREMENDING ANYWHERE ON OR NEAR THIS SITE.
- 3) CH2M HILL 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, LLC.

| REFERENCE DRAWINGS | | | REVISIONS | | | | | | DRAWN BY: | | PREPARED FOR: | |
|--------------------|-------|-----|-----------|-------------------------|----------|-----|------|-------|-----------------|----------|--|--|
| | | | △ | | | | | | TAM | 08/13/15 |  SADDLE BUTTE PIPELINE |  CH2MHILL 150 TECH CENTER DRIVE, SUITE E DURANGO, CO 81301-6540 |
| | | | △ | | | | | | CHECKED BY: | JK | | |
| | | | △ | | | | | | REVIEWED BY: | JK | | |
| | | | △ | | | | | | APPROVED BY: | | | |
| | | | △ | | | | | | | | | |
| | | | △ | | | | | | | | FLOW SCHEMATIC SUDEN WELL CONNECT | |
| | | | △ | ISSUED FOR CONSTRUCTION | 08/13/15 | TAM | JK | | SCALE: | | | |
| DTG. NO. | TITLE | NO. | | DESCRIPTION | DATE | BY | CHK. | APPR. | SCALE 1" = 100' | | RANGEVIEW GATHERING FIELD NUMBER 657489 | |
| | | | | | | | | | | | WELD COUNTY, COLORADO SHEET NUMBER 657489-PL-MAP-0008 | |
| | | | | | | | | | | | PK 0 | |

