

6 AM

7

8

9

10

11

NOON

1

2

3

4

5

6 PM

MIDNIGHT



7-14-18

CHART NO. MC MP-3000

METER 6754

CHART PUT ON 8:30 PM

TAKEN OFF 11:50 PM

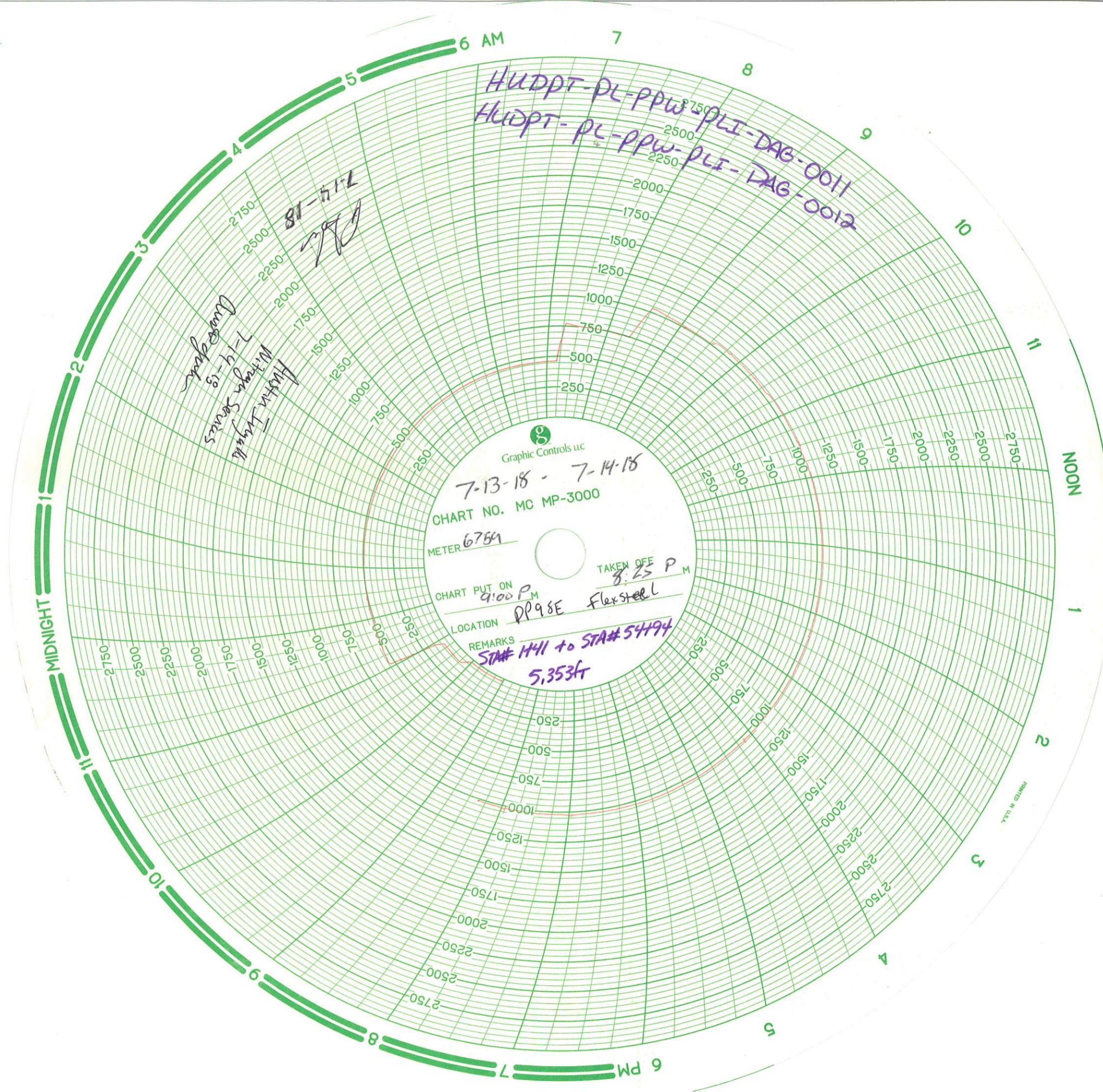
LOCATION DP9 SE Flexsteel

REMARKS Depression  
STA# 1441 to STA# 54494  
5.353ft

Austin Trogals  
Nitrogen Services  
7-14-18  
Austin Trogals

P. L. L. L.  
7-14-18

PRINTED IN U.S.A.



HUDPT-PL-PPW-PLI-DAG-0011  
HUDPT-PL-PPW-PLI-DAG-0012

81-512  
Hudson  
7-14-18  
Mittens  
Sewer  
Overhead

Graphic Controls LLC

7-13-18 - 7-14-18

CHART NO. MC MP-3000

METER 6784

CHART PUT ON 9:00 P.M.

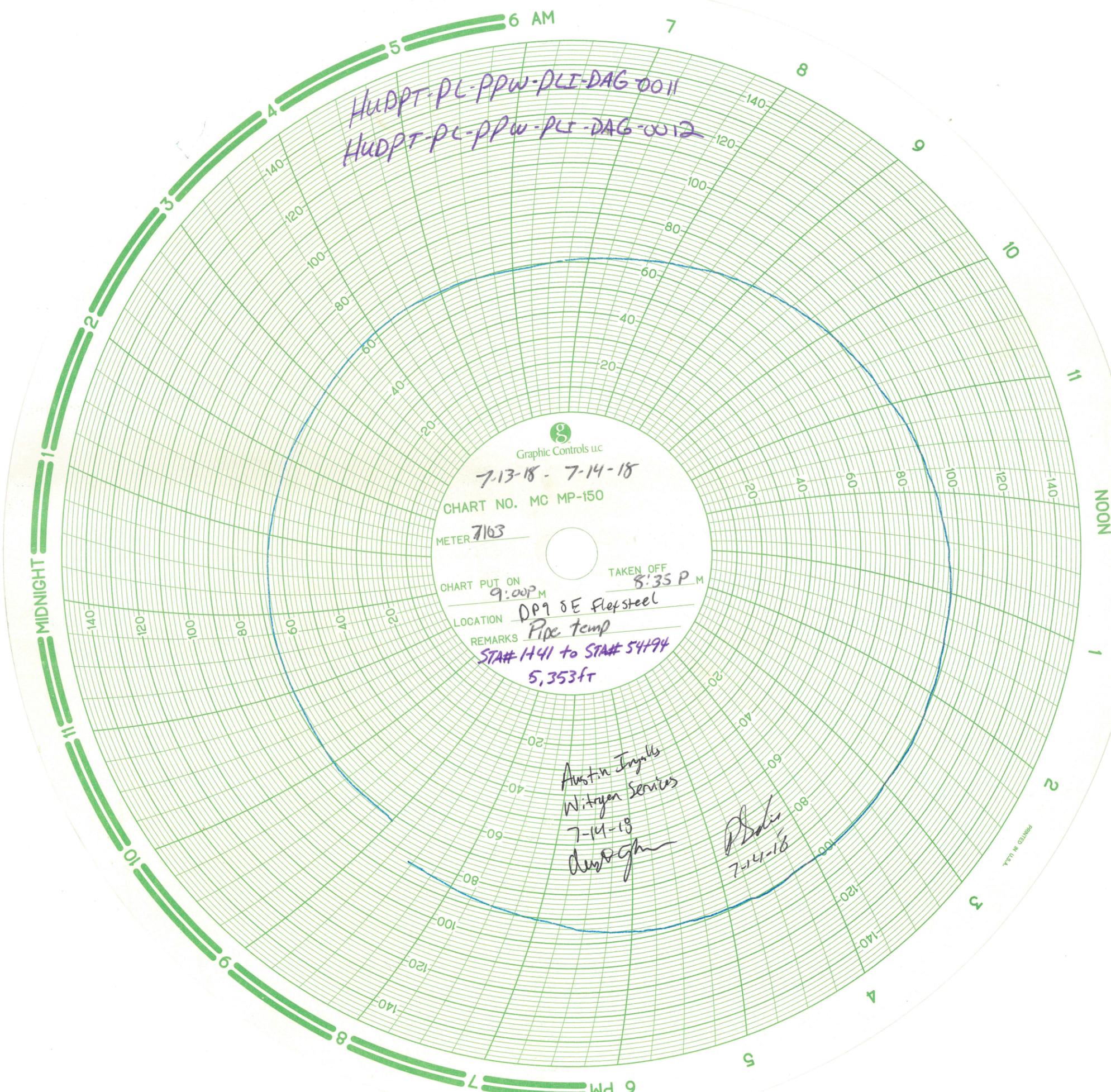
TAKEN OFF 8:25 P.M.

LOCATION DP98E Flexsteel

REMARKS STA# 1441 to STA# 54494  
5,353ft

PRINTED IN U.S.A.

HUDPT-PL-PPW-PLI-DAG-0011  
HUDPT-PL-PPW-PLI-DAG-0012



7-13-18 - 7-14-18

CHART NO. MC MP-150

METER 7103

CHART PUT ON 9:00P.M.

TAKEN OFF 8:35 P.M.

LOCATION DP9 SE Flat steel

REMARKS Pipe temp  
STA# 1441 to STA# 5494  
5,353ft

Austin Injinks  
Nitrogen Services  
7-14-18  
A. Injinks

D. Baker  
7-14-18

HUDPT-PL-PPW-PLI-DAG-0011  
HUDPT-PL-PPW-PLI-DAG-0012



Graphic Controls LLC

7-13-18 - 7-14-18

CHART NO. MC MP-150

METER 7104

CHART PUT ON 9:00 P M

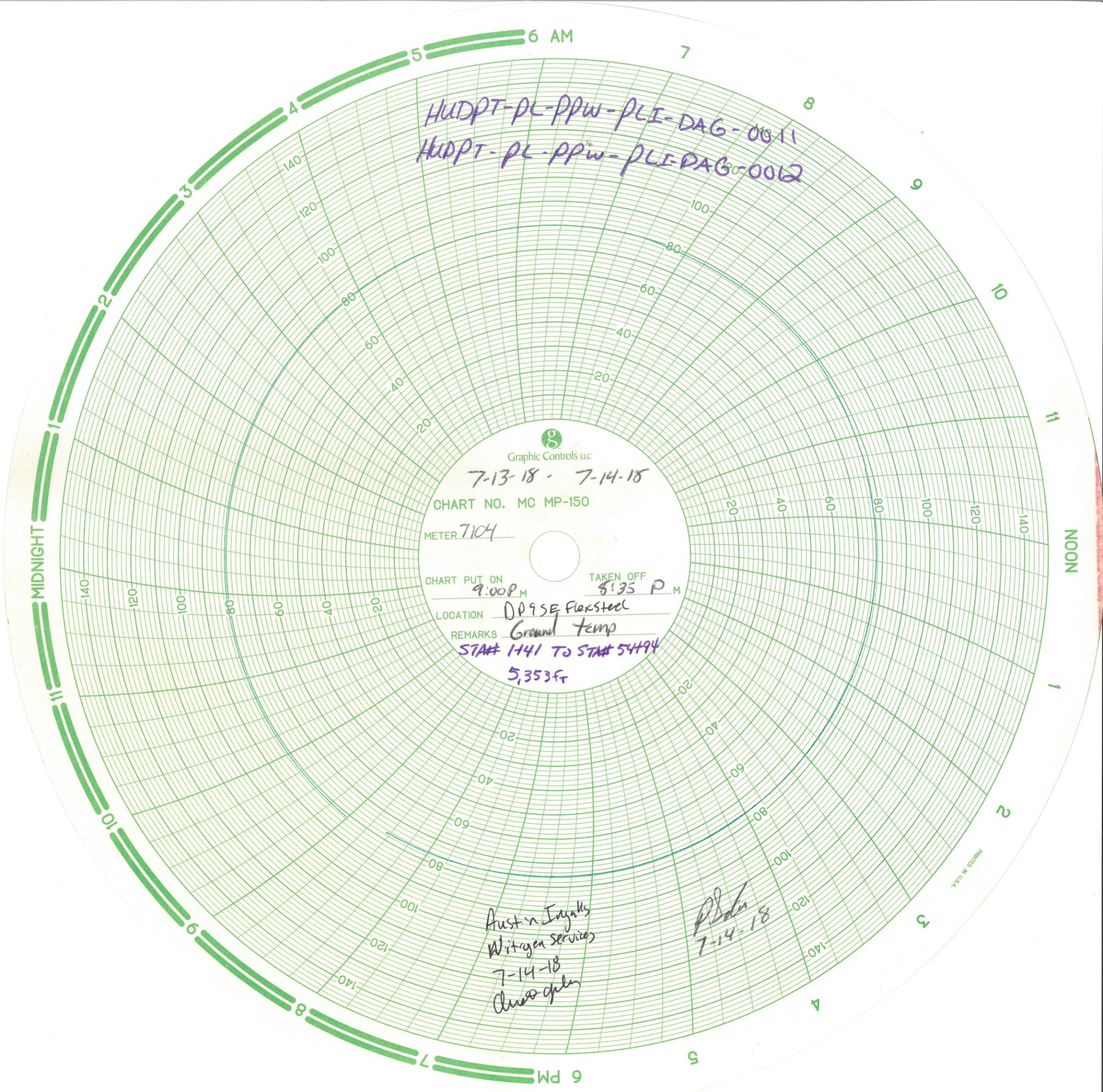
TAKEN OFF 8:35 P M

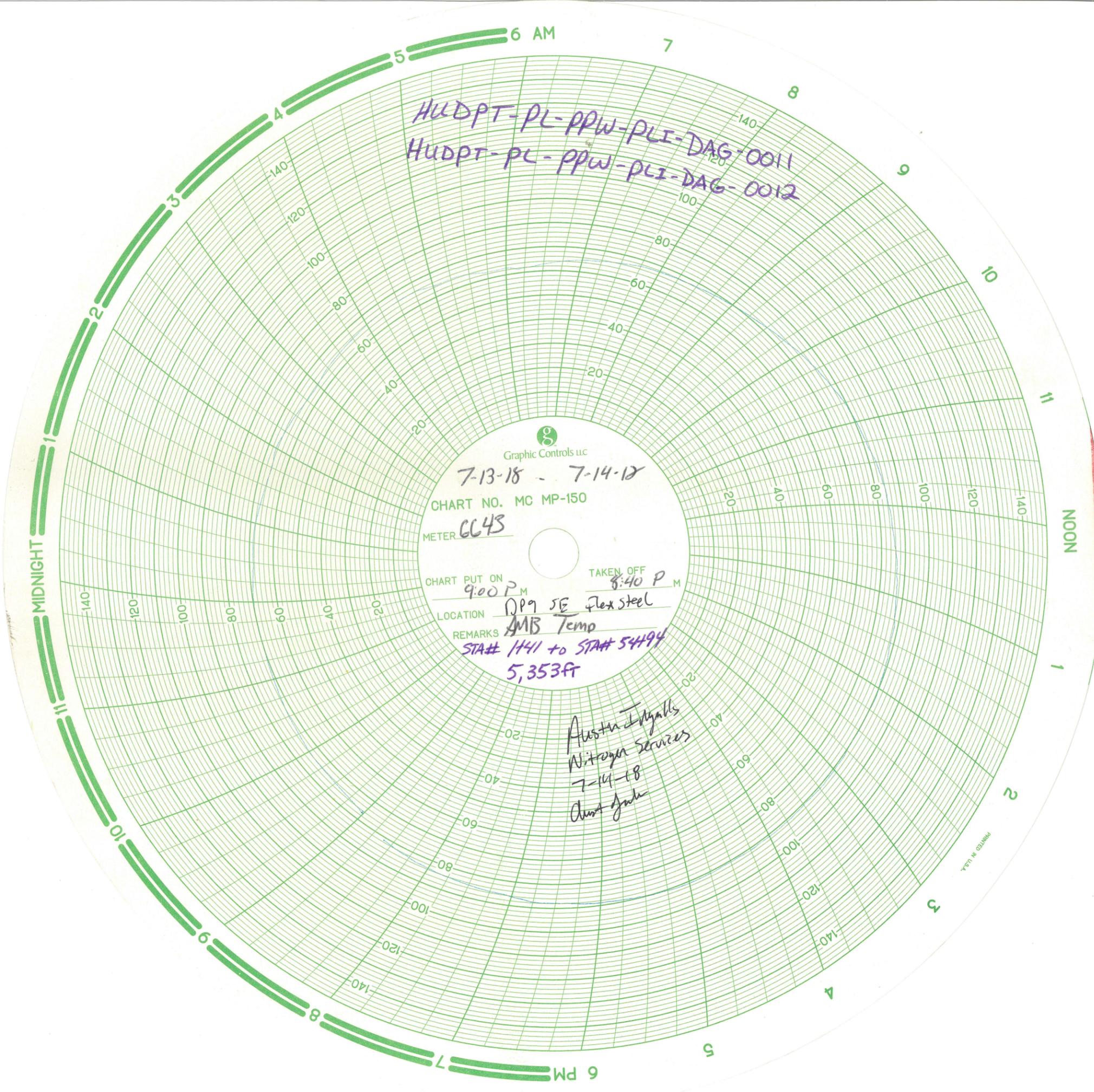
LOCATION DP 9 SE Flexsteel

REMARKS Ground Temp  
ST# 1441 TO ST# 54494  
5,353 FT

Austin Ingalls  
Witgen Services  
7-14-18  
Chris Olsen

PLD  
7-14-18





HUDPT-PL-PPW-PLI-DAG-0011  
HUDPT-PL-PPW-PLI-DAG-0012



Graphic Controls LLC

7-13-18 - 7-14-18

CHART NO. MC MP-150

METER 6643

CHART PUT ON 9:00 P M

TAKEN OFF 8:40 P M

LOCATION DP9 SE Flex steel

REMARKS AMB Temp

STA# 1441 to STA# 54494  
5,353ft

Austin Ingalls  
Nitrogen Services  
7-14-18  
Chris Jones

MADE IN U.S.A.

# Calibration Papers

Deadweight SN# **5366**

Pressure Temp SN# **6759**

Temp SN# **7103**

Temp SN# **7104**

Temp SN# **6643**



# PIPELINE SUPPLY & SERI

## Calibration Certificate

**Date Calibrated:** 02/05/2018 **Due Date:** 02/05/2019

**Indicated Pressure Range:** 50-3000 PSI

**Serial No:** 5366

**Manufacture:** REFINERY SUPPLY COMPANY

**Type of Instrument Calibrated:** BRASS DEAD WEIGHT

**Instrument Findings / Status:** Unit is in tolerance and meets or exceeds specifications.

**Based on International Standings of Gravity:** (980.665cm./sq.)

**Based on Calibrated piston area:** NA

**Type of standard used to calibrate:** Chandler Dead Weight test unit spt. (35255-3) Serial No. 5278

**All Standards 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 the time of testing:** 72°F @ 22%Humidity

**Specifics:** +/-0.05% Accuracy

**Calibrated by:** NICK BEDFORD @ PSS/9700 E 104TH AVE HENDERSON CO 80640

# PSS-COMPANIES



9700 E. 104<sup>TH</sup> AVE, UNIT F- HENDERSON, CO 80640 - Phone (303)857-7986 - Fax (303)389-4945

## CALIBRATION CERTIFICATE

CERTIFICATE NUMBER: CO

Details +/-: 1.0% ACCURACY

DATE CALIBRATED: 02/05/2018  
DUE DATE: 02/05/2019

INDICATED TEMPERATURE RANGE: # 0 – 150°F  
INDICATED PRESSURE RANGE: #0 – 3000 PSI  
SERIAL NO: 6759  
MANUFACTURER: CHARTS LTD/ 12" RECORDER

TYPE OF INSTRUMENT CALIBRATED: TEMPERATURE / PRESSURE RECORDER

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

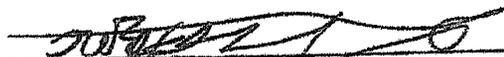
BASED ON INTERNATIONAL STANDARDS OF GRAVITY: (980.665 cm./sq.).

TYPE OF STANDARD USED TO CALIBRATE: REFINERY DEADWEIGHT TEST UNIT SPT. (35225-3) SERIAL No. 5268; KESSLER TEST THERMOMETERS; SERIAL NO, CALIBRATION

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): 66°F / 25%.

CALIBRATED BY: NICK BEDFORD

  
\_\_\_\_\_  
SIGNATURE

# P-SS-SS-COMPANIES



9700 E. 104th Ave. Unit H Henderson, CO 80640

## CALIBRATION CERTIFICATE

CERTIFICATE NUMBER: CO

Details +/-: 1.0% ACCURACY

**DATE CALIBRATED:** 02-05-2018

**DUE DATE:** 02-05-2019

**INDICATED TEMPERATURE RANGE:** # 0 – 150°F

**SERIAL NO:** 7103

**MANUFACTURER:** CHARTS LTD COMPANY 12" RECORDER

**TYPE OF INSTRUMENT CALIBRATED:** TEMPERATURE RECORDER.

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

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

**TEMPERATURE COEFFICIENT (Ac + AP):** 25.9 x e-06 1/°C (14.4 X E-06 1/°F).

**TYPE OF STANDARD USED TO CALIBRATE:** TEMPERATURE BATHE USING TAYLOR TEST THERMOMETERS; SERIAL NO; 63F6165, 64F2744, 65F3056.

**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<sub>o</sub>, AND STATED GRAVITY.**

**ROOM TEMPERATURE/HUMIDITY (AT TIME OF TEST):** 64°F / 25%.

CALIBRATED BY: NICK BEDFORD

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

SIGNATURE

# P-SS-SS-COMPANIES



9700 E. 104th Ave. Unit H Henderson, CO 80640

## CALIBRATION CERTIFICATE

CERTIFICATE NUMBER: CO

Details +/-: 1.0% ACCURACY

**DATE CALIBRATED:** 02-05-2018

**DUE DATE:** 02-05-2019

**INDICATED TEMPERATURE RANGE:** # 0 – 150°F

**SERIAL NO:** 7103

**MANUFACTURER:** CHARTS LTD COMPANY 12" RECORDER

**TYPE OF INSTRUMENT CALIBRATED:** TEMPERATURE RECORDER.

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

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

**TEMPERATURE COEFFICIENT (Ac + AP):** 25.9 x e-06 1/°C (14.4 X E-06 1/°F).

**TYPE OF STANDARD USED TO CALIBRATE:** TEMPERATURE BATHE USING TAYLOR TEST THERMOMETERS; SERIAL NO; 63F6165, 64F2744, 65F3056.

**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<sub>o</sub>, AND STATED GRAVITY.**

**ROOM TEMPERATURE/HUMIDITY (AT TIME OF TEST):** 64°F / 25%.

CALIBRATED BY: NICK BEDFORD

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

SIGNATURE

# CHARTS Ltd.

GAS MEASUREMENT

<b>CALIBRATION CERTIFICATE</b>	
Cert Date;	8/30/2017
Due Date:	8/30/2018

Customer: Nitrogen Services  
 Model: Clp 12"  
 SERIAL# 7104

This is to certify that this instrument has been inspected and tested against ADDITEL Digital Gauge ADT680-GP3K, S#21816110004 Calibrated (2-22-17). Reference Standard#1244 Certified-- with Piston Gauge PG7202 Traceability#1500155509 to NIST. Calibrated in accordance with ISO Quality Standards

This instrument is certified to be accurate within +/- 1% of nominal value

Input Type/ Range:		Color: Red	
Pen Number: N/A			
<u>Ascending</u>		<u>Descending</u>	
Applied:	Reading:	Applied:	Reading:

Input Type/ Range: 0-150F		Color: Green	
Pen Number: 2			
<u>Ascending</u>		<u>Descending</u>	
Applied:	Reading:	Applied:	Reading:
0	0	150	150
32	32	32	32
150	150	0	0

Input Type/ Range:		Color:	
Pen Number:			
<u>Ascending</u>		<u>Descending</u>	
Applied:	Reading:	Applied:	Reading:

P.O. BOX 2983 2031 TRADE DR.  
 MIDLAND, TX 79706  
 (432) 697-7801 (432) 520-3564

Technician: Garold Coleman LP

# PSS-COMPANIES



9700 E. 104th Ave. Unit H Henderson, CO 80640

## CALIBRATION CERTIFICATE

CERTIFICATE NUMBER: CO

Details +/-: 1.0% ACCURACY

DATE CALIBRATED: 04-03-2018

DUE DATE: 04-03-2019

INDICATED TEMPERATURE RANGE: # 0 – 150°F

SERIAL NO: 6643

MANUFACTURER: CHARTS LTD 12" RECORDER

TYPE OF INSTRUMENT CALIBRATED: TEMPERATURE RECORDER.

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

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

TEMPERATURE COEFFICIENT (Ac + AP): 25.9 x e-06 1/°C (14.4 X E-06 1/°F).

TYPE OF STANDARD USED TO CALIBRATE: TEMPERATURE BATHE USING TAYLOR TEST THERMOMETERS: SERIAL NO; 63F6165, 64F2744, 65F3056.

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<sub>0</sub>, AND STATED GRAVITY.

ROOM TEMPERATURE/HUMIDITY (AT TIME OF TEST): 64°F / 25%.

CALIBRATED BY: NICK BEDFORD

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

SIGNATURE

# MUSTANG DP 407 TO DP 9 SE 6" PRODUCED WATER TAKEAWAY

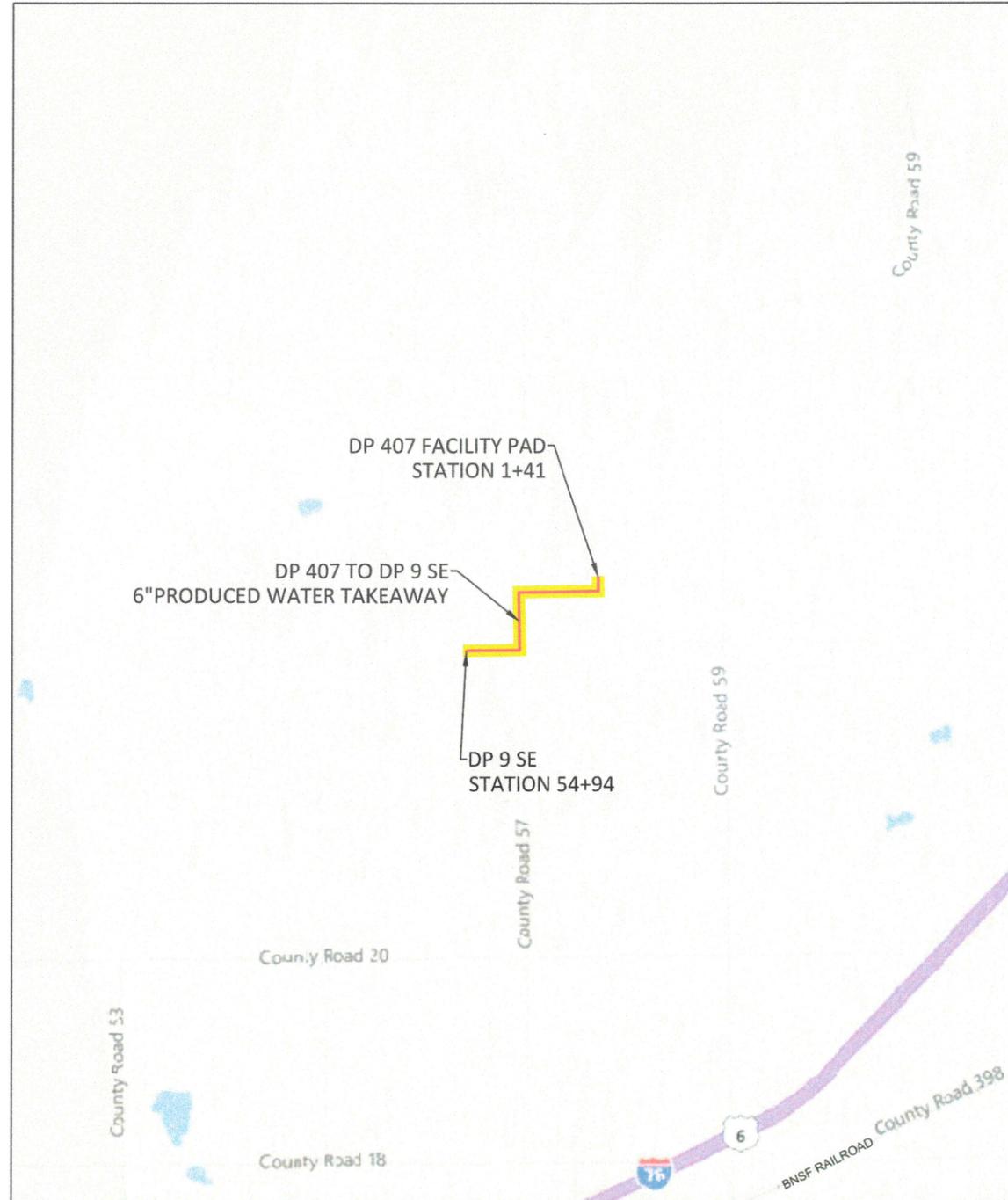
NOTE 1:  
TYPICAL 5' MINIMUM FROM EXISTING GROUND TO TOP OF PIPE.  
IN ADDITION, THE PROFILE SHOWN ON THE ALIGNMENT SHEET DOES NOT REFLECT THE DESIGNED BORE AND HDD PROFILES. REFER TO TYPICAL COUNTY ROAD CROSSING OR HDD DESIGNED PRIOR TO ANY BORE OR HDD CONSTRUCTION.

NOTE 2:  
HORIZONTAL DATUM IS NAD83(2011) WITH POSITIONS CORRECTED BY OPUS.  
COORDINATES SHOWN HEREON ARE BASED UPON COLORADO STATE PLANE COORDINATE SYSTEM, NORTH ZONE, US FOOT.

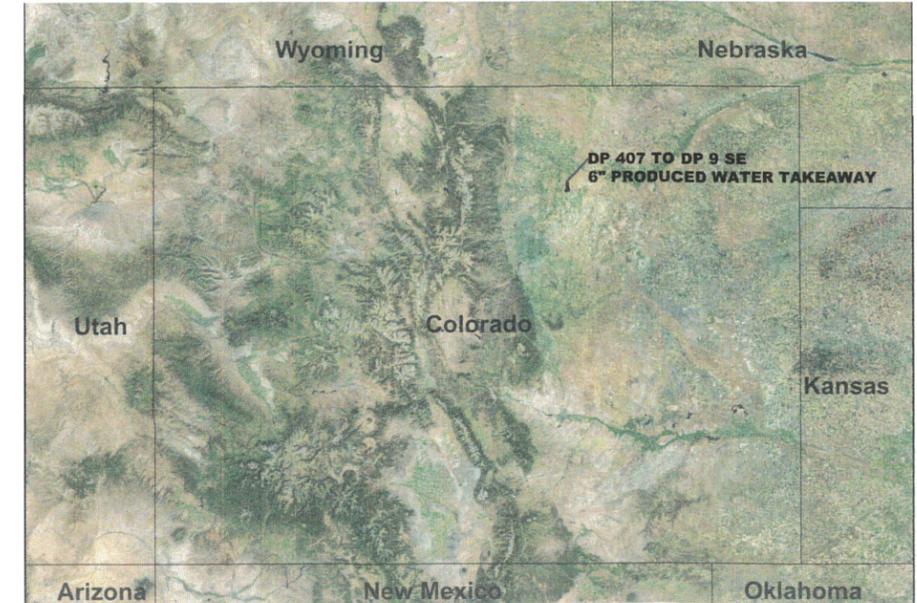
NOTE 3:  
ANNOTATIONS FOR THE IFC PACKAGE ARE USED TO ASSIST THE CONTRACTOR. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL CROSSING INFORMATION USING ALL AVAILABLE DOCUMENTATION.

NOTE 4:  
THE UTILITIES SHOWN HEREIN ARE REPRESENTATIONAL ONLY AND ARE IN NO WAY INTENDED TO SHOW THEIR EXACT LOCATION, NOR IS THIS INFORMATION TO BE CONSTRUED AS A COMPLETE INVENTORY OF ALL UTILITIES AT THIS LOCATION. IT IS THE EXCAVATOR'S RESPONSIBILITY TO HAVE ANY UTILITIES LOCATED BEFORE DIGGING.

NOTE 5:  
• 6" HIGH TEMP FLEXSTEEL, 6.93" O.D., ANSI 300, MAOP 750 PSIG



VICINITY MAP  
NOT TO SCALE



PROJECT LOCATION  
NOT TO SCALE

DISCLAIMER:  
THIS PLOT DOES NOT REPRESENT A MONUMENTED LAND SURVEY AND SHOULD NOT BE RELIED UPON TO DETERMINE BOUNDARY LINES, PROPERTY OWNERSHIP OR OTHER PROPERTY INTERESTS. PARCEL LINES, IF DEPICTED HAVE NOT BEEN FIELD VERIFIED AND MAY BE BASED UPON PUBLICLY AVAILABLE DATA THAT ALSO HAS NOT BEEN INDEPENDENTLY VERIFIED.

DATA SOURCES:  
-AERIAL IMAGERY: NAIP 2015; ESRI AERIAL IMAGERY; ESRI / BING STREET MAP  
-PARCELS: WELD COUNTY PARCEL MAP 2017  
-OIL WELLS: COLORADO OIL & GAS CONSERVATION COMMISSION  
-WETLANDS: NOBLE DESKTOP ENVIRONMENTAL REVIEW

PUBLICLY AVAILABLE DATA SOURCES HAVE NOT BEEN INDEPENDENTLY VERIFIED BY ASCENT GEOMATICS SOLUTIONS.



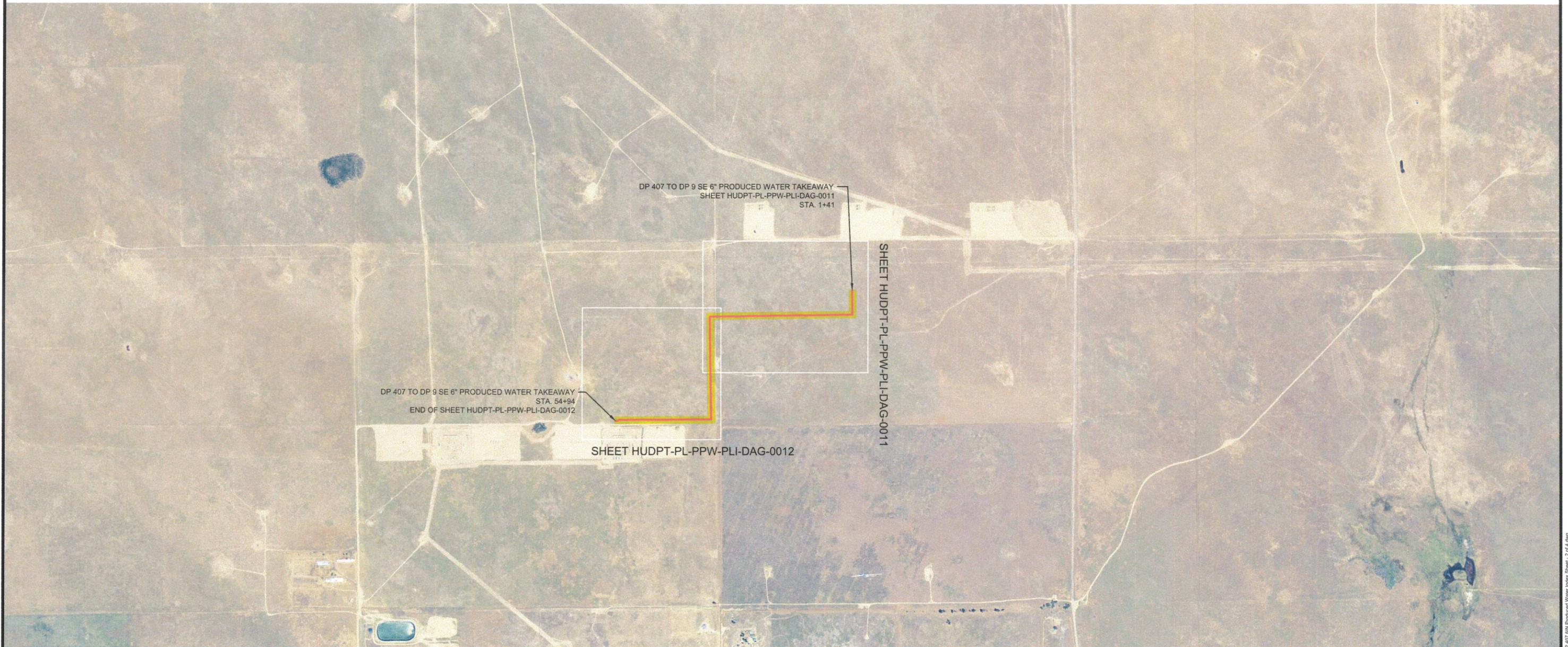
SUMMARY OF MATERIAL			REVISIONS				
ITEM	DESCRIPTION	QTY	NO.	DESCRIPTION	DATE	BY	APPR.
1	6" HIGH TEMP FLEXSTEEL, 6.93" O.D., ANSI 300, MAOP 750 PSIG	5,353'	0	ISSUED FOR CONSTRUCTION	10/03/17	TLJ	GFP
2	PIPELINE MARKER	5	1	REVISED ISSUED FOR CONSTRUCTION	10/22/17	KR	GFP



MUSTANG DP 407 TO DP 9 SE 6" PRODUCED WATER TAKEAWAY COVER SHEET WELD COUNTY, COLORADO		
DRAWN BY: TLJ	CREATION DATE: 09/11/17	AFE No.: 5000005
APPROVED: GFP	APPR. DATE: 10/02/17	
DWG. No.:	HUDPT-PL-PPW-PLI-LST-0006	SHEET No. 1 OF 4
SCALE: N.T.S.		

# MUSTANG DP 407 TO DP 9 SE

## 6" PRODUCED WATER TAKEAWAY



**MUSTANG DP 407 TO DP 9 SE 6" PRODUCED WATER TAKEAWAY INDEX OF DRAWINGS**

DP 407 TO DP 9 SE 6" PRODUCED WATER TAKEAWAY COVER SHEET	HUDPT-PL-PPW-PLI-LST-0006
DP 407 TO DP 9 SE 6" PRODUCED WATER TAKEAWAY INDEX SHEET	HUDPT-PL-PPW-PLI-LST-0007
DP 407 TO DP 9 SE 6" PRODUCED WATER TAKEAWAY ALIGNMENT SHEET	HUDPT-PL-PPW-PLI-DAG-0011
DP 407 TO DP 9 SE 6" PRODUCED WATER TAKEAWAY ALIGNMENT SHEET	HUDPT-PL-PPW-PLI-DAG-0012



VICINITY MAP  
NOT TO SCALE

**DISCLAIMER:**  
THIS PLAN DOES NOT REPRESENT A MONUMENTED LAND SURVEY AND SHOULD NOT BE RELIED UPON TO DETERMINE BOUNDARY LINES, PROPERTY OWNERSHIP OR OTHER PROPERTY INTERESTS. PARCEL LINES, IF DEPICTED HAVE NOT BEEN FIELD VERIFIED AND MAY BE BASED UPON PUBLICLY AVAILABLE DATA THAT ALSO HAS NOT BEEN INDEPENDENTLY VERIFIED.

**DATA SOURCES:**  
-AERIAL IMAGERY: NAD 2011  
-PARCELS: WELD COUNTY PARCEL MAP 2017  
-OIL WELLS: COLORADO OIL & GAS CONSERVATION COMMISSION  
-WETLANDS: MOSE DESKTOP ENVIRONMENTAL REVIEW  
PUBLICLY AVAILABLE DATA SOURCES HAVE NOT BEEN INDEPENDENTLY VERIFIED BY ASCENT GEOMATICS SOLUTIONS.



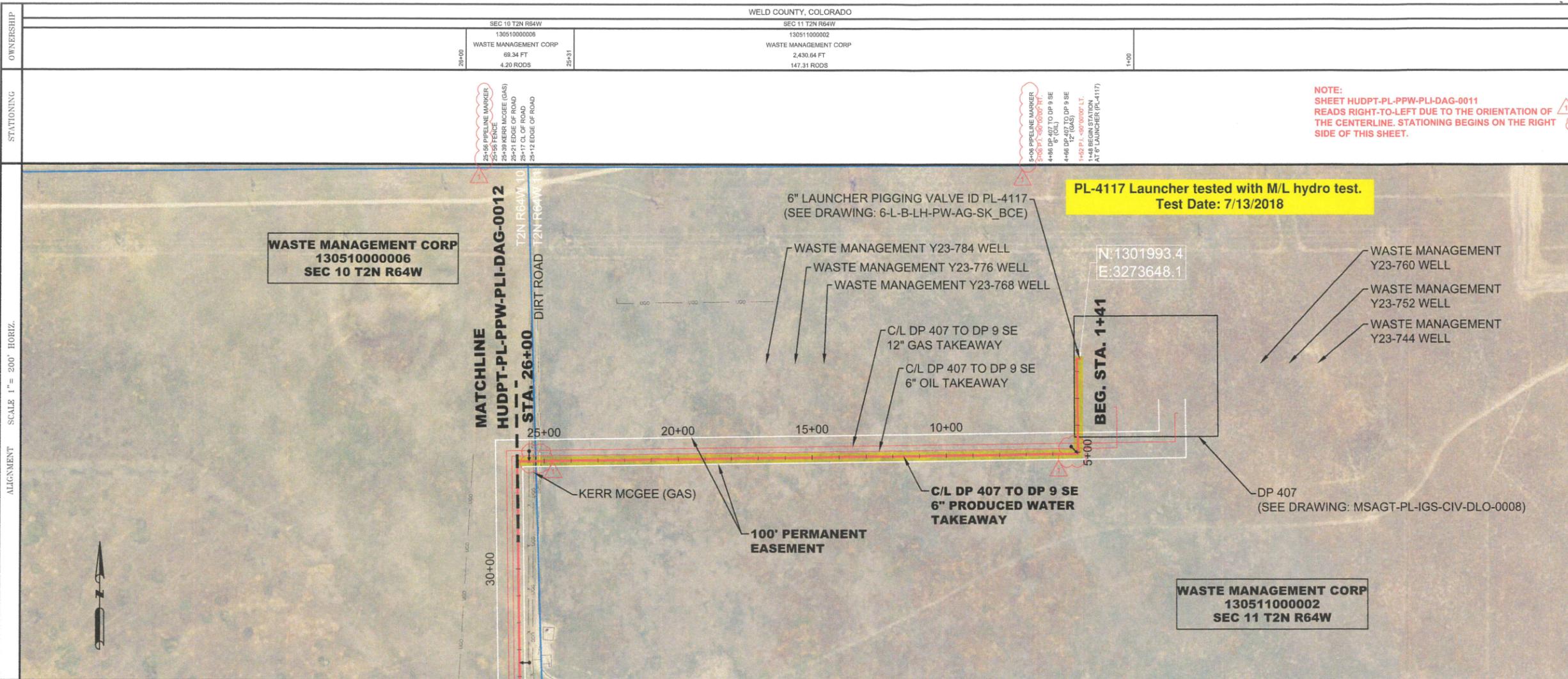
SUMMARY OF MATERIAL			REVISIONS				
ITEM	DESCRIPTION	QTY	NO.	DESCRIPTION	DATE	BY	APPR.
1	6" HIGH TEMP FLEXSTEEL, 6.93" O.D., ANSI-306, MAOP 750 PSIG	5,353	0	ISSUED FOR CONSTRUCTION	10/03/17	TLJ	GFP
2	PIPELINE MARKER	5	1	REVISED ISSUED FOR CONSTRUCTION	10/22/17	KR	GFP



**MUSTANG DP 407 TO DP 9 SE**  
**6" PRODUCED WATER TAKEAWAY INDEX SHEET**  
**WELD COUNTY, COLORADO**

DRAWN BY: TLJ	CREATION DATE: 09/11/17	AFE No.: 5000005
APPROVED: GFP	APPR. DATE: 10/02/17	
SCALE: N.T.S.	DWG. No.: HUDPT-PL-PPW-PLI-LST-0007	SHEET No.: 2 OF 4

File Location: P:\NAME\_816031\PROD\Alignment\Sheet\Index\Sheet - 2 of 4.dwg



**BILL OF MATERIALS**

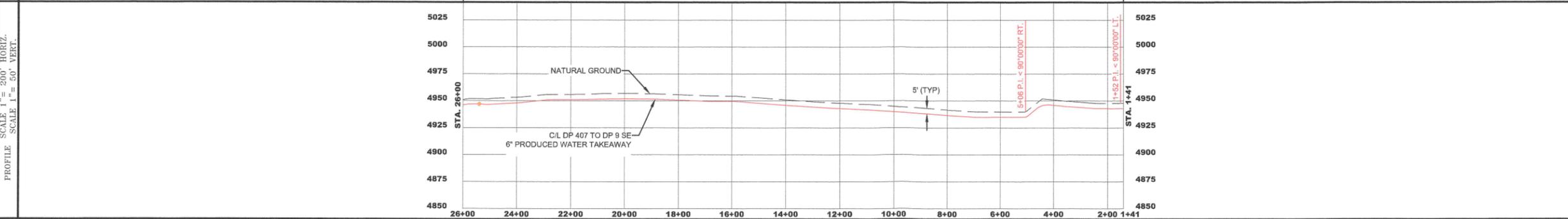
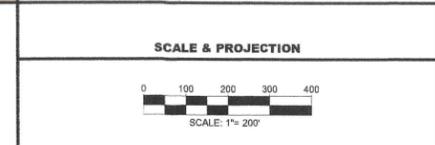
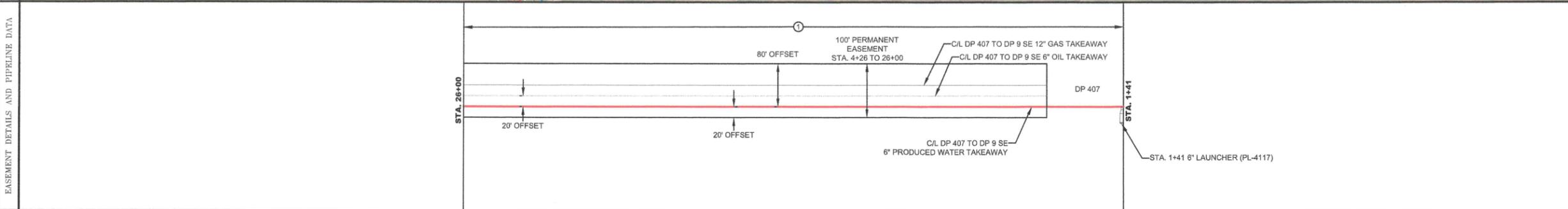
PIPE QUANTITIES - THIS DRAWING

NO	SERVICE	OD	WT	GR/PSI	LE	COAT
1	WATER	6.93"	-	750 PSI	2,459'	-

MATERIAL QUANTITIES - THIS DRAWING

DESCRIPTION	QUANTITY
LAUNCHER / RECEIVER ASSEMBLIES	1
PIPELINE MARKER	2

NO.	STATION	DESCRIPTION	LATITUDE	LONGITUDE	DIST.
BEG.	1+41	BEGIN STATION	40°09'28.59"	-104°31'15.35"	-
1	1+52	P.I. < 90°00'00" LT.	40°09'28.59"	-104°31'15.49"	11'
2	5+06	P.I. < 90°00'00" RT.	40°09'28.10"	-104°31'15.48"	354'



**SURVEY LEGEND**

- PARCEL PROPERTY LINE
- ACCESS ROAD
- UNDERGROUND WATER LINE
- UNDERGROUND OIL LINE
- UNDERGROUND GAS LINE
- UNDERGROUND FIBER OPTIC
- EDGE OF ROAD
- OVERHEAD UTILITY
- FENCE LINE
- POWER POLE
- VALVE
- HYDRANT
- TEST STATION
- LAUNCHER / RECEIVER
- TEE
- BEND
- PIPELINE MARKER

**PROFILE LEGEND**

- EXISTING GROUND
- OPEN CUT
- BORE
- APPROX. UTILITY LOCATION
- CONTRACTOR TO VERIFY IN FIELD

**NOTES:**  
 LOCATIONS OF UTILITIES AND FOREIGN PIPELINES WERE PROVIDED BY PRIMO LOCATING. THESE LOCATIONS IF SHOWN, MAY NOT BE ACCURATE OR COMPLETE. UTILITIES MAY EXIST AND ARE TO BE FIELD VERIFIED BY OTHERS.

**DISCLAIMER:**  
 1) THIS PLOT DOES NOT REPRESENT A MONUMENTED LAND SURVEY AND SHOULD NOT BE RELIED UPON TO DETERMINE BOUNDARY LINES, PROPERTY OWNERSHIP OR OTHER PROPERTY INTERESTS. PARCEL LINES, IF DEPICTED HAVE NOT BEEN FIELD VERIFIED AND MAY BE BASED UPON PUBLICLY AVAILABLE DATA THAT ALSO HAS NOT BEEN INDEPENDENTLY VERIFIED.

**DATA SOURCES:**  
 -AERIAL IMAGERY: NAIP 2015  
 -PARCELS: WELD COUNTY PARCEL MAP 2017  
 -OIL WELLS: COLORADO OIL & GAS CONSERVATION COMMISSION  
 -WETLANDS: NOBLE DESKTOP ENVIRONMENTAL REVIEW

PUBLICLY AVAILABLE DATA SOURCES HAVE NOT BEEN INDEPENDENTLY VERIFIED BY ASCENT GEOMATICS SOLUTIONS.



REVISIONS

REV	DESCRIPTION	BY	DATE	CHK BY	CHK DATE	APR BY	APR DATE
1	REVISED ISSUED FOR CONSTRUCTION	KR	10/22/17	MC	10/22/17	GFP	10/22/17
0	ISSUED FOR CONSTRUCTION	TLJ	09/30/17	APW	09/30/17	GFP	10/02/17

APPROVALS

DRAWN	CHECKED	APPROVED	OPERATIONS	ENGINEERING	PROJ. MGR.

CLIENT APPROVALS

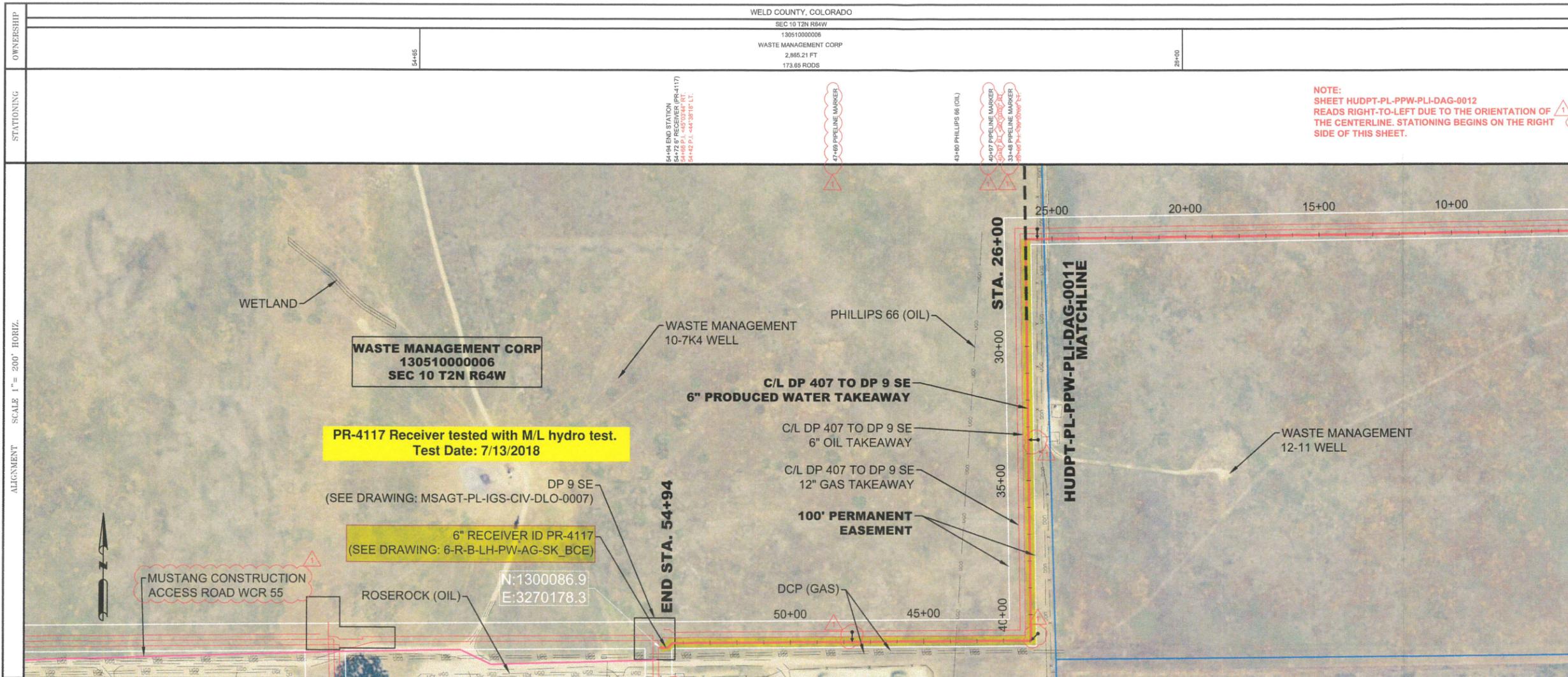
SIGNATURE	DATE

**Noble MIDSTREAM PARTNERS**

**DP 407 TO DP 9 SE 6" PRODUCED WATER TAKEAWAY ALIGNMENT SHEET**  
**WELD COUNTY, COLORADO**  
**1+41 TO 26+00**

SCALE: 1" = 200'  
 DWG. No.: HUDPT-PL-PPW-PLI-DAG-0011  
 SHEET No.: 3 OF 4

File Location: P:\NMS\_B16031\PROD\Alignment\Sheet\DWG\DP-407\DP-407 PRODUCED WATER\DP-407 6IN PRODUCED WATER Alignment 3-4 of 4.dwg



**BILL OF MATERIALS**

PIPE QUANTITIES - THIS DRAWING

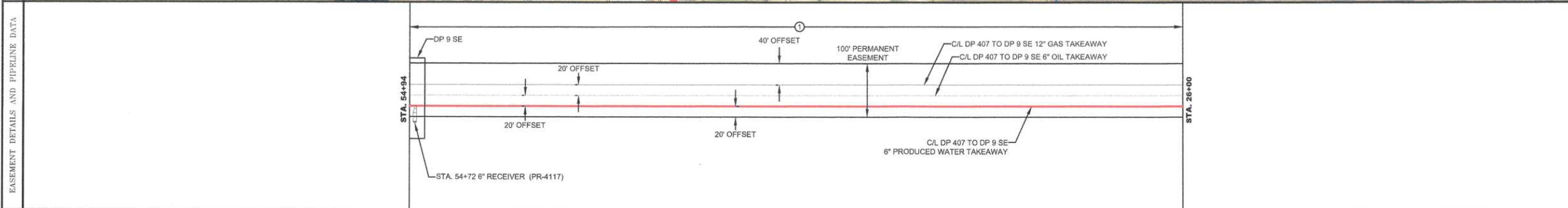
NO	SERVICE	OD	WT	GR/PSI	LE	COAT
1	WATER	6.93"	-	750 PSI	2,894'	-

MATERIAL QUANTITIES - THIS DRAWING

DESCRIPTION	QUANTITY
LAUNCHER / RECEIVER ASSEMBLIES	1
PIPELINE MARKER	3

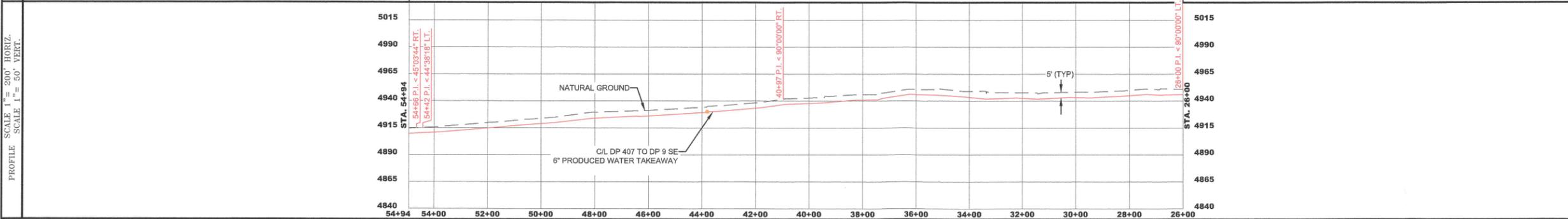
NOTE:  
SHEET HUDPT-PL-PPW-PLI-DAG-0012  
READS RIGHT-TO-LEFT DUE TO THE ORIENTATION OF  
THE CENTERLINE. STATIONING BEGINS ON THE RIGHT  
SIDE OF THIS SHEET.

NO.	STATION	DESCRIPTION	LATITUDE	LONGITUDE	DIST.
3	26+00	P.I. < 90°00'00" LT.	40°09'28.03"	-104°31'42.45"	2,094'
4	40+97	P.I. < 90°00'00" RT.	40°09'11.24"	-104°31'42.39"	1,497'
5	54+42	P.I. < 44°38'18" LT.	40°09'11.29"	-104°31'59.72"	1,345'
6	54+86	P.I. < 45°03'44" RT.	40°09'11.12"	-104°31'59.84"	24'
7	54+94	END STATION	40°09'11.13"	-104°32'00.30"	28'



**SCALE & PROJECTION**

LOCATION: SECTION 10 TOWNSHIP 2N RANGE 64W  
PROJECTION: COLORADO STATE PLANES, NAD83, NORTH ZONE, US FOOT



**SURVEY LEGEND**

- PARCEL PROPERTY LINE
- ACCESS ROAD
- UNDERGROUND WATER LINE
- UNDERGROUND OIL LINE
- UNDERGROUND GAS LINE
- UNDERGROUND FIBER OPTIC
- EDGE OF ROAD
- OVERHEAD UTILITY
- FENCE LINE
- POWER POLE
- VALVE
- HYDRANT
- TEST STATION
- LAUNCHER / RECEIVER
- TEE
- BEND
- PIPELINE MARKER

**PROFILE LEGEND**

- EXISTING GROUND
- OPEN CUT
- BORE
- APPROX. UTILITY LOCATION
- CONTRACTOR TO VERIFY IN FIELD

**NOTES:**  
LOCATIONS OF UTILITIES AND FOREIGN PIPELINES WERE PROVIDED BY PRIMO LOCATING. THESE LOCATIONS IF SHOWN, MAY NOT BE ACCURATE OR COMPLETE. UTILITIES MAY EXIST AND ARE TO BE FIELD VERIFIED BY OTHERS.

**DISCLAIMER:**  
1) THIS PLOT DOES NOT REPRESENT A MONUMENTED LAND SURVEY AND SHOULD NOT BE RELIED UPON TO DETERMINE BOUNDARY LINES, PROPERTY OWNERSHIP OR OTHER PROPERTY INTERESTS. PARCEL LINES, IF DEPICTED HAVE NOT BEEN FIELD VERIFIED AND MAY BE BASED UPON PUBLICLY AVAILABLE DATA THAT ALSO HAS NOT BEEN INDEPENDENTLY VERIFIED.

**DATA SOURCES:**  
-AERIAL IMAGERY: NAIP 2015  
-PARCELS: WELD COUNTY PARCEL MAP 2017  
-OIL WELLS: COLORADO OIL & GAS CONSERVATION COMMISSION  
-WETLANDS: NOBLE DESKTOP ENVIRONMENTAL REVIEW

PUBLICLY AVAILABLE DATA SOURCES HAVE NOT BEEN INDEPENDENTLY VERIFIED BY ASCENT GEOMATICS SOLUTIONS.



REVISIONS

REV	DESCRIPTION	BY	DATE	CHK BY	CHK DATE	APR BY	APR DATE
1	REVISED ISSUED FOR CONSTRUCTION	KR	10/22/17	MC	10/22/17	GFP	10/22/17
0	ISSUED FOR CONSTRUCTION	TLJ	09/30/17	APW	09/30/17	GFP	10/02/17

APPROVALS

DRAWN	CHECKED	APPROVED	CLIENT APPROVALS
SIGNATURE	SIGNATURE	SIGNATURE	SIGNATURE
DATE	DATE	DATE	DATE

**NOBLE MIDSTREAM PARTNERS**

**DP 407 TO DP 9 SE 6" PRODUCED WATER TAKEAWAY ALIGNMENT SHEET**  
**WELD COUNTY, COLORADO**  
**26+00 TO 54+94**

SCALE: 1" = 200'  
DWG. No.: HUDPT-PL-PPW-PLI-DAG-0012  
SHEET No.: 4 OF 4

File Location: P:\NMS\_B160031\PRODA\Alignments\Drawings\407\DP 407 PRODUCED WATER\DP 407 6IN PRODUCED WATER Alignments 3-4 of 4.dwg