

Field Pressure & Test Report

Location Fill Section #9, Test Section #1 Date April 25, 1952

Section Tested From Test Manifold Sta. 1832/00 to Test Manifold Sta. 2295/30

Job 7-2

Type & Size Pipe 30" X 3/8" Main Line Pipe, National Tube

Type Test Hydrostatic

Time & Date Test Started 5:05 pm 4/24/52 Time & Date Test Ended 5:05 pm 4/25/52 hrs. Elapsed 24

Gas, Air, Water temperature Start - Atmospheric Temperature Start 65 deg F

Gas, Air, Water Temperature End - Atmospheric Temperature End 69 deg F

Pressure (Gage, Recorder) Start 1275 lb/sq.in. Pressure (Gage, Recorder) End 1275 lb/sq.in.

(Gage, Recorder) Differential 83 lb/sq.in. Volume, Air, Gas, Water 868 gal.

Chart No's. _____ No. of Leaks None

Type & Location of Leaks:	Time	D.W.R.	Time	D.W.R.
	5:05 pm	1275	4:05 am	1270-1275 (48)
	5:10 pm	1270-1275 (51)	5:05 am	1273
Type Repair:	5:30 pm	1270-1275 (44)	6:05 am	1271
	5:50 pm	1270-1275 (48)	6:30 am	1269-1275 (56)
	6:05 pm	1272	7:05 am	1274
	6:30 pm	1270-1275 (45)	8:05 am	1270-1275 (42)
	7:05 pm	1272	9:05 am	1273
	7:25 pm	1270-1275 (61)	10:05 am	1271
Cleaning Operations:	8:05 pm	1272	10:45 am	1270-1275 (47)
	8:25 pm	1270-1275 (46)	11:05 am	1274
	9:05 pm	1273	12:05 pm	1272
	9:35 pm	1270-1275 (58)	1:05 pm	1270
	10:05 pm	1272	1:50 pm	1268-1275 (58)
	10:20 pm	1270-1275 (42)	2:05 pm	1275
	11:05 pm	1273	3:05 pm	1273
Remarks:	12:40 am	1268-1275 (81)	3:30 pm	1272-1275 (18)
	1:05 am	1274	4:05 pm	1274
	2:25 am	1270-1275 (49)	4:35 pm	1273
	3:05 am	1273	5:05 pm	1273

*Repaired check valve on low-head pump.

Inspector: W. B. LOCKARD

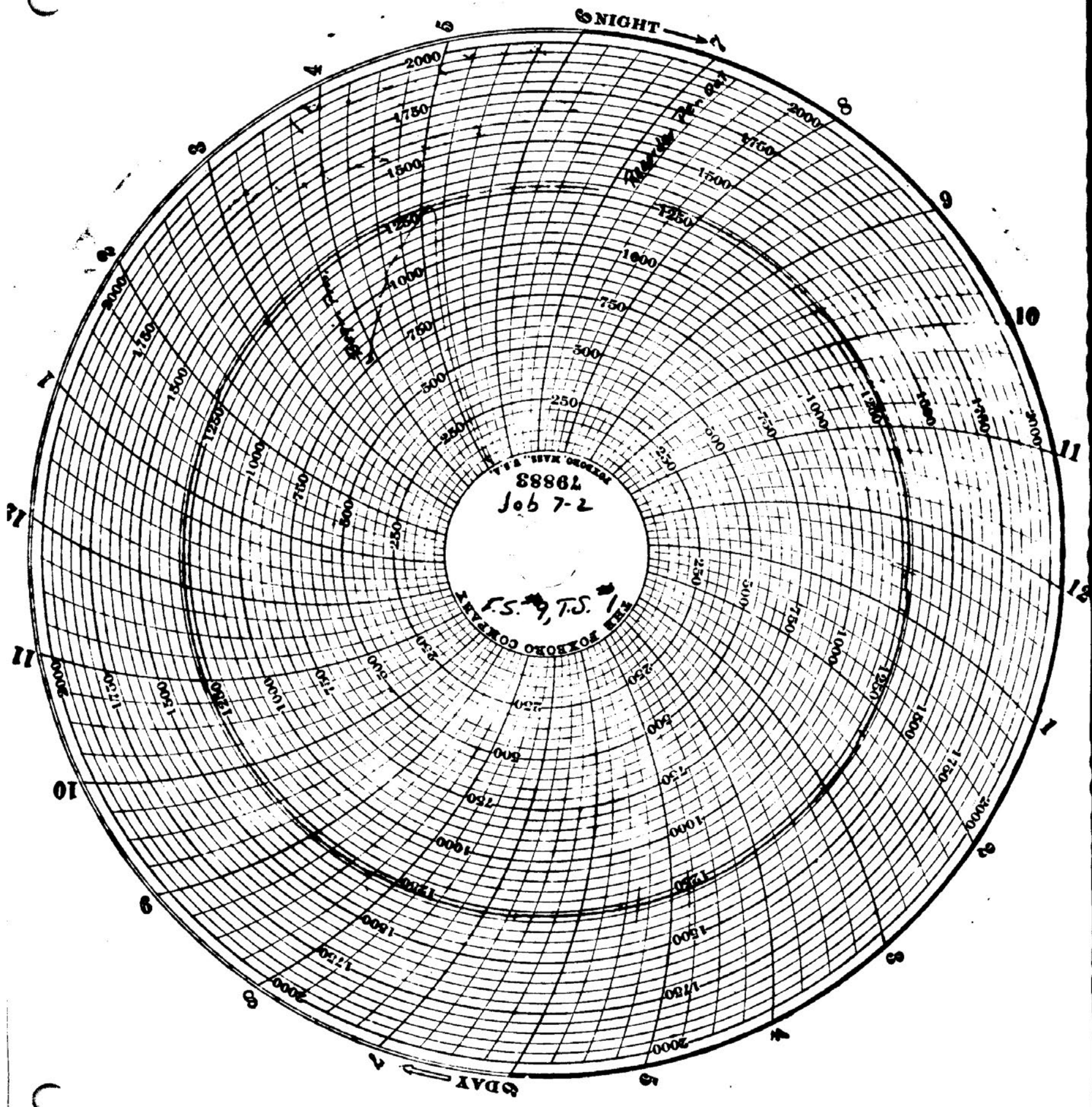
Witness 1. _____

2. _____

Gages and Recorders used in this test were last tested by:

Date: 4/21/52

Signed: B.H. SAVOIE



SUMMARY OF MAIN LINE TESTING

Fill Section No. 9

Test Section No. 1

Description: From the manifold at M.P. 506 to the 3rd Manifold in Job 7

Stations: 1834 / 00 to 2295 / 30 Job 7-2

PRESSURE CALCULATION

	Station	Elev.	Diff. Elev.	Diff. Pressure (psig)	Pressure (psig)
High	1841 / 00	986			1125
Low	2062 / 00	618	368	159	1284
Pressure Pump	2050 / 00	640	346	150	1275

Pressuring Time 4 hours Pressure Drop for 24 hours 83 psi

Date: April 25, 1952 M.P. 506 To M.P. 516.76

REMARKS:-

The fill on this 10.7 mile section was made by the Williams fill unit at the Licking River site. Having completed the fill, the pressure pump was put into operation at 1:00 PM, April 24. The test pressure of 1275 psig was reached at 5:05 PM. The 24-hour test period was completed at 5:05 PM, April 25. A loss of 5 psi per hour was recorded during the test period. For further detail see page 6 of the "Official Log".

AA

136
12

1354
29 hours
7/86

TEXAS EASTERN GAS PIPELINE COMPANY
Field Pressure and Test Report

Project Description		Owingsville Discharge, Re-Test Program, 30" Line #10				1 of 2	
Test Section Description						AFE 0046	
Mainline Test Section #3, 30" Line #10.							
Beginning Station Number		Ending Station Number		Section Length		Length of Exposed Pipe	
26875+30		26951+08		7578'		200'	
Pipe Description		OD	WT	Grade	Seam	Manufacturer	Coating Type
30"		.375	X-52	ERW	Nat'l. Tube	D	
Initial Sky		Initial Ambient Temperature		Final Sky		Final Ambient Temperature	
Clear		78°		Clear		80°	
Water Source		Stroke Pressure Graph		Gal./Stroke		Pressure Unit Number	
Licking River		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		.55		PT-130	
Design Specified Test Pressure		Maximum		Minimum		Reference Point	
		1265		1250		High Point	
High Elevation Point		Low Elevation Point		Deadweight Elevation		Deadweights to High Point (PSI)	
1045.24		686.74		814.54		100	
Deadweights to Low Point (PSI)		55		Test Pressure at Deadweights		Minimum	
		1350		Maximum		1365	
On Test		Time	<input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	Date	Pressure	Test Accepted	Time
		10:58		7/30/86	1365		4:00
							<input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.
							7/31/86
							1358
Observed Leaks							
<input type="checkbox"/> Valve <input type="checkbox"/> Flange <input type="checkbox"/> Nipple <input type="checkbox"/> Other <u>None</u>							

Date of First Entry

7	30	86
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Deadweight Recorded Readings

Time (AM)PM	Pressure Psig	Strokes	Temp (F)°C	Time AM(PM)	Pressure Psig	Strokes	Temp (F)°C
9:05	370	Start Pump		4:00	1365		88°
9:25	1000	15 min. leak test		4:30	1365		85°
9:44		Bled down 100 psi		5:00	1365		87°
9:53	900	15 min. tight line leak test		5:30	1365		89°
10:17		Start Plot		6:00	1365		89°
10:58	1365	On Test	83°	6:30	1365		88°
11:08	1365		80°	7:00	1364		87°
11:28	1365		78°	7:30	1364		84°
11:58	1364		80°	8:00	1363		83°
12:08 PM	1364		81°	8:30	1362		80°
12:28	1364		80°	9:00	1361		75°
12:58	1364	End 2 Hr. Hold	81°	9:30	1361		72°
1:00	1364	Begin 7 Hr. Hold	81°	10:00	1360		71°
1:30	1364		85°	10:30	1359		70°
2:00	1365		87°	11:00	1358		69°
2:30	1365		87°	11:31	1357		68°
3:00	1365		88°	12:00 AM	1356		66°
3:30	1365		88°	12:30	1355		65°

Comments

Deadweight Serial Number	Certification Date	Test Contractor
741	5/26/86	Delta Gulf
Contractor Representative		TEGPL Representative

TEG1527

TEXAS EASTERN GAS PIPELINE COMPANY
Field Pressure and Test Report

Project Description Owingsville Discharge, Re-Test Program, 30" Line #10						2 of 2
Test Section Description Mainline Test #3, 30" Line #10.						AFE 0046
Beginning Station Number 26875+30		Ending Station Number 26951+08		Section Length 2528'	Length of Exposed Pipe 200'	
Pipe Description	OD 30	WT .375	Grade X-52	Seam ERW	Manufacturer Nat'l. Tube	Coating Type D
Initial Sky Clear	Initial Ambient Temperature 78°	Final Sky Clear	Final Ambient Temperature 80°	Deadweight Location 26876+22		
Water Source Licking River		Stroke Pressure Graph <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Gal./Stroke .55	Pressure Unit Number TP-130		
Design Specified Test Pressure		Maximum 1265	Minimum 1250	Reference Point High Point		
High Elevation Point 1045.24	Low Elevation Point 686.74	Deadweight Elevation 814.54	Deadweights to High Point (PSI) 100	Deadweights to Low Point (PSI) 55		
Test Pressure at Deadweights		Minimum 1350	Maximum 1365			
On Test	Time 10:58	<input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	Date 7/30/86	Pressure 1365	Test Accepted	Time 4:00
						<input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.
						Date 7/31/86
						Pressure 1358
Observed Leaks <input type="checkbox"/> Valve <input type="checkbox"/> Flange <input type="checkbox"/> Nipple <input type="checkbox"/> Other <u>None</u>						

Date of First Entry

7	21	86
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Deadweight Recorded Readings

Time (AM/PM)	Pressure Psig	Strokes	Temp °F/°C	Time AM/PM	Pressure Psig	Strokes	Temp °F/°C
	1355						
12:34	1365	Re-Press.	65°	9:30 AM	1361		69°
1:00	1365		65°	10:00	1361		69°
1:30	1364		65°	10:30	1360		70°
2:00	1363		64°	11:00	1360		73°
2:30	1360		63°	11:30	1360		72°
3:00	1359		61°	12:00 PM	1359		72°
3:30	1358		60°	12:30	1359		72°
4:00	1358		60°	1:00	1358		73°
4:30	1356		60°	1:30	1358		73°
5:00	1355		60°	2:00	1358		75°
5:30	1355		59°	2:30	1358		78°
6:00	1354-1365	Re-press.	59°	3:00	1358		80°
6:30	1364		58°	3:30	1358		80°
7:00	1364		58°	4:00	1358	Test Accepted	80°
7:30	1364		61°			Bled down	
8:00	1363		62°				
8:30	1363		68°				
9:00	1362		68°				

Comments

Pressure Rec. S/N 66937, Pipe Temp. rec. S/N 3140357, Amb. temp. rec. S/N 68A8678

Deadweight Serial Number 741	Certification Date 5/26/86	Test Contractor Delta Gulf
Contractor Representative 		TEGPL Representative

TFG1527

TEXAS EASTERN GAS PIPELINE COMPANY
Field Pressure and Test Report

Project Description: Dwingsville Discharge Retest Program 1986 skt 1a2

Test Section Description: Mainline Test #3 30" LW #10 AFF: 0046

Beginning Station Number: 26876+30 Ending Station Number: 26951+08 Section Length: 7578 Length of Exposed Pipe: 200'

Pipe Description: OD 30" WT .375 Grade X-52 Seam ERW Manufacturer NOT 1 TUBE Coating Type Type "D"

Initial Sky: Clear Initial Ambient Temperature: 78° Final Sky: Clear Final Ambient Temperature: 80° Deadweight Location: 26876+22

Water Source: Licking River Stroke Pressure Graph: Yes No Gal./Stroke: .55 Pressure Unit Number: PT-130

Design Specified Test Pressure: Maximum 1265 Minimum 1250 Reference Point: High Point

High Elevation Point: 1045.24 Low Elevation Point: 696.74 Deadweight Elevation: 814.54 Deadweights to High Point (PSI): 100 Deadweights to Low Point (PSI): 55

Test Pressure at Deadweights: Minimum 1350 Maximum 1365

On Test: Time 10:58 a.m. p.m. Date 7/30/86 Pressure 1365 Test Accepted: Time 7:00 a.m. p.m. Date 7/31/86 Pressure 1358

Observed Leaks: Valve Flange Nipple Other NONE

Date of First Entry: 7 30 86 **Deadweight Recorded Readings**

Time AM/PM	Pressure Psig	Strokes	Temp °F/°C	Time AM/PM	Pressure Psig	Strokes	Temp °F/°C
9:05	370	START PUMP		4:00	1365		88°
9:25	1000	15 min LEAK TEST		4:30	1365		85°
9:44		BLEED DOWN 100 PSI		5:00	1365		87°
9:53	900	15 min SIGHT LINE TEST		5:30	1365		89°
10:17		START PLOT		6:00	1365		89°
10:58	1365	ON TEST	83°	6:30	1365		88°
11:08	1365		80°	7:00	1364		87°
11:28	1365		78°	7:30	1364		84°
11:58	1364		80°	8:00	1363		83°
12:08	1364		81°	8:30	1362		80°
12:28	1364		80°	9:00	1361		75°
12:58	1364	END 2HR HOLD	81°	9:30	1361		72°
1:00	1364	BEGIN 7HR HOLD	81°	10:00	1360		71°
1:30	1364		85°	10:30	1359		70°
2:00	1365		87°	11:00	1358		69°
2:30	1365		87°	11:31	1357		68°
3:00	1365		88°	12:00	1356		66°
3:30	1365		88°	12:30	1355		65°

Comments

Deadweight Serial Number: 741 Certification Date: 5-26-86 Test Contractor: DELTA GULF

Contractor Representative: [Signature] TEGPL Representative: [Signature]

TEG1527

TEXAS EASTERN GAS PIPELINE COMPANY
Field Pressure and Test Report

Project Description
OWINGSVILLE DISCHARGE RETEST PROGRAM 1986 sh 202

Test Section Description
MAINLINE TEST #3 - 30" LN #10 AFE 0046

Beginning Station Number 26875+30 **Ending Station Number** 26951+08 **Section Length** 7578' **Length of Exposed Pipe** 200'

Pipe Description OD 30" WT .375 Grade X52 Seam ERW Manufacturer NATI TUBE Coating Type TYPE 'D'

Initial Sky CLEAR **Initial Ambient Temperature** 78° **Final Sky** CLW **Final Ambient Temperature** 65° **Deadweight Location** 26876+22

Water Source LICKING RIVER **Stroke Pressure Graph** Yes No **Gal./Stroke** 55 **Pressure Unit Number** TP-130

Design Specified Test Pressure Maximum 1265 Minimum 1250 **Reference Point** HIGH POINT

High Elevation Point 1045.24 **Low Elevation Point** 686.74 **Deadweight Elevation** 814.54 **Deadweights to High Point (PSI)** 100 **Deadweights to Low Point (PSI)** 55

Test Pressure at Deadweights Minimum 1350 Maximum 1365

On Test Time 10:58 a.m. p.m. Date 7-30-86 Pressure 1365 **Test Accepted** Time 4:00 a.m. p.m. Date 7/31/86 Pressure 1358

Observed Leaks
 Valve Flange Nipple Other NONE

Date of First Entry 7 31 86 **Deadweight Recorded Readings**

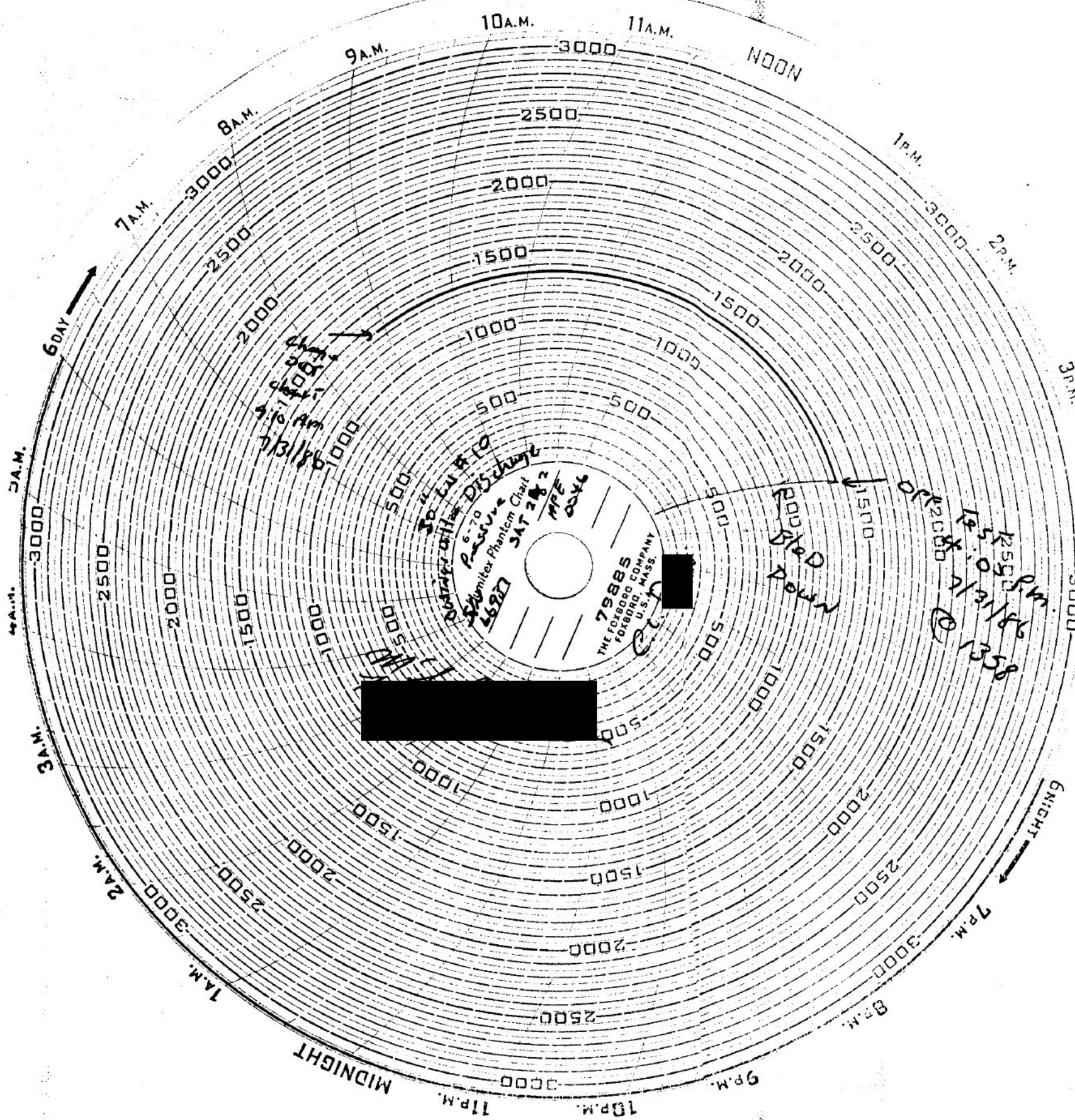
Time AM/PM	Pressure Psig	Strokes	Temp °F/°C	Time AM/PM	Pressure Psig	Strokes	Temp °F/°C
12:39	1355 1365	Repress	65°	9:30	1361		69°
1:00	1365		65°	10:00	1361		69°
1:30	1364		65°	10:30	1360		70°
2:00	1363		64°	11:00	1365		73°
2:30	1360		63°	11:30	1360		72°
3:00	1359		61	12:00	1359		72°
3:30	1358		60°	12:30	1359		72°
4:00	1358		60°	1:00	1358		73°
4:30	1356		60°	1:30	1358		73°
5:00	1355		60°	2:00	1358		75°
5:30	1365		59°	2:30	1358		78°
6:00	1354-1365 Repress		59°	3:00	1358		80°
6:30	1364		58°	3:30	1358		80°
7:00	1364		58°	4:00	1358	1951 Accepted	80°
7:30	1364		61°			Blow Down	
8:00	1363		60°				
8:30	1363		68°				
9:00	1362		68°				

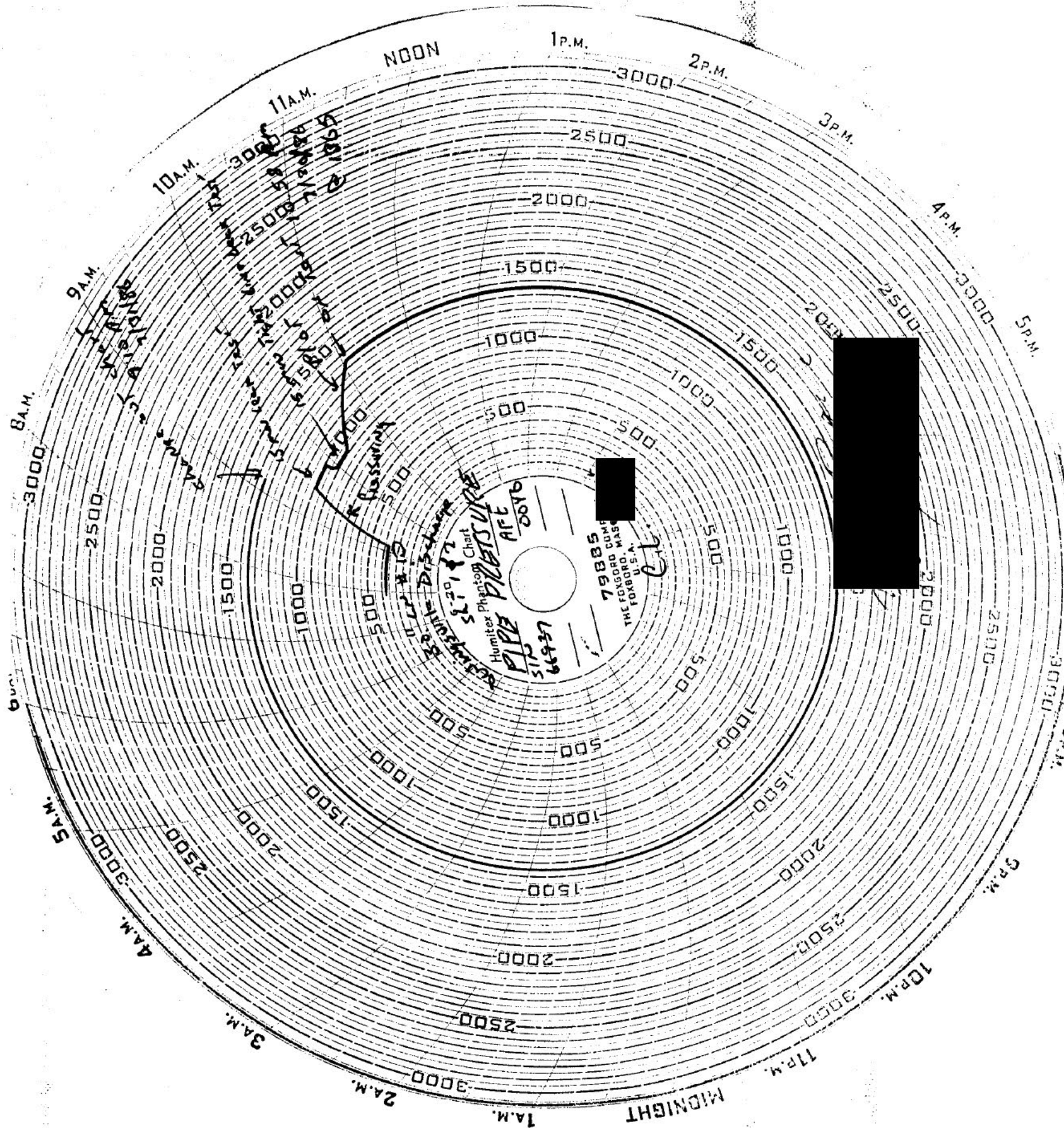
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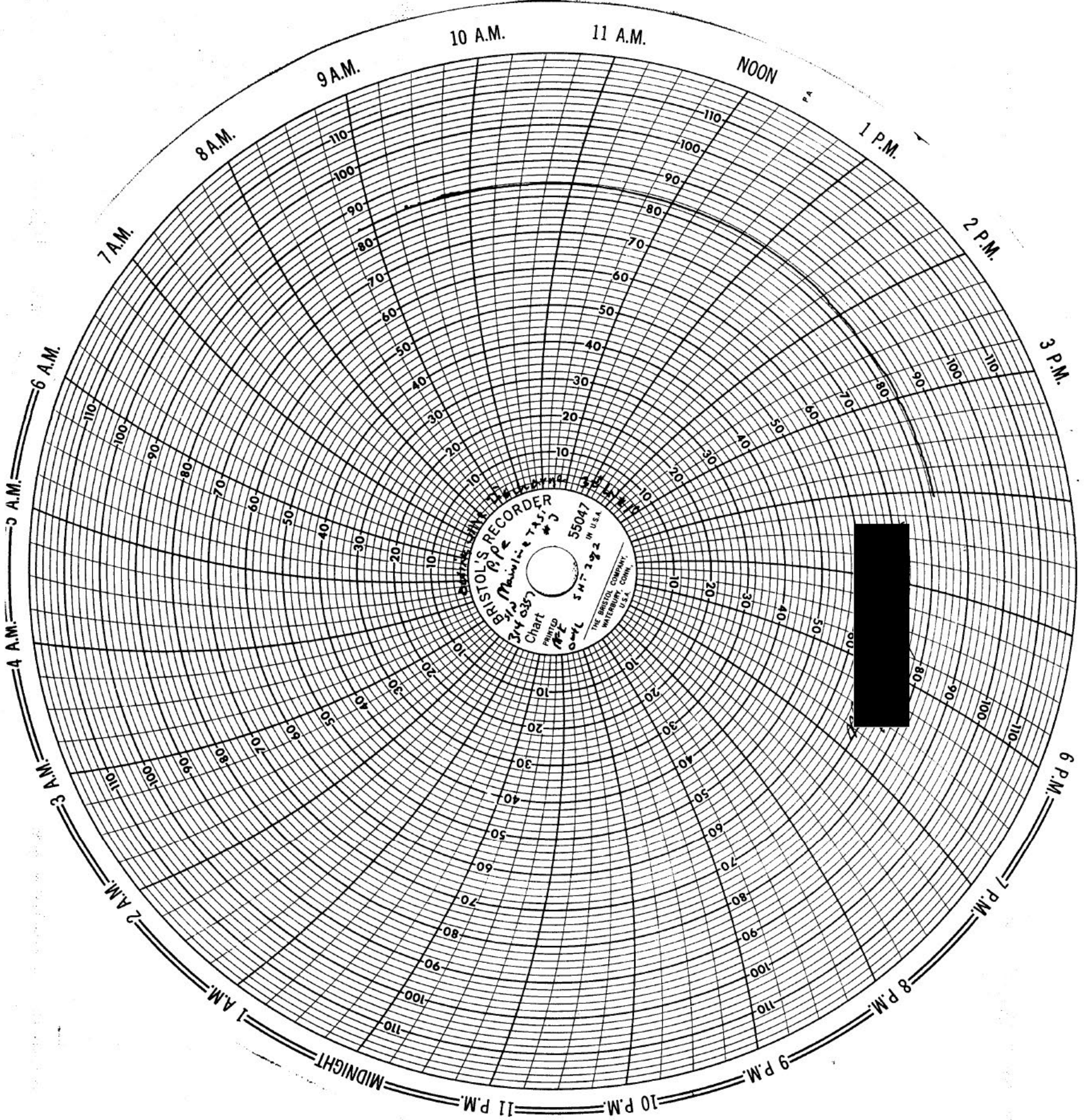
Deadweight Serial Number 741 **Certification Date** 5-26-86 **Test Contractor** DELTA GULF

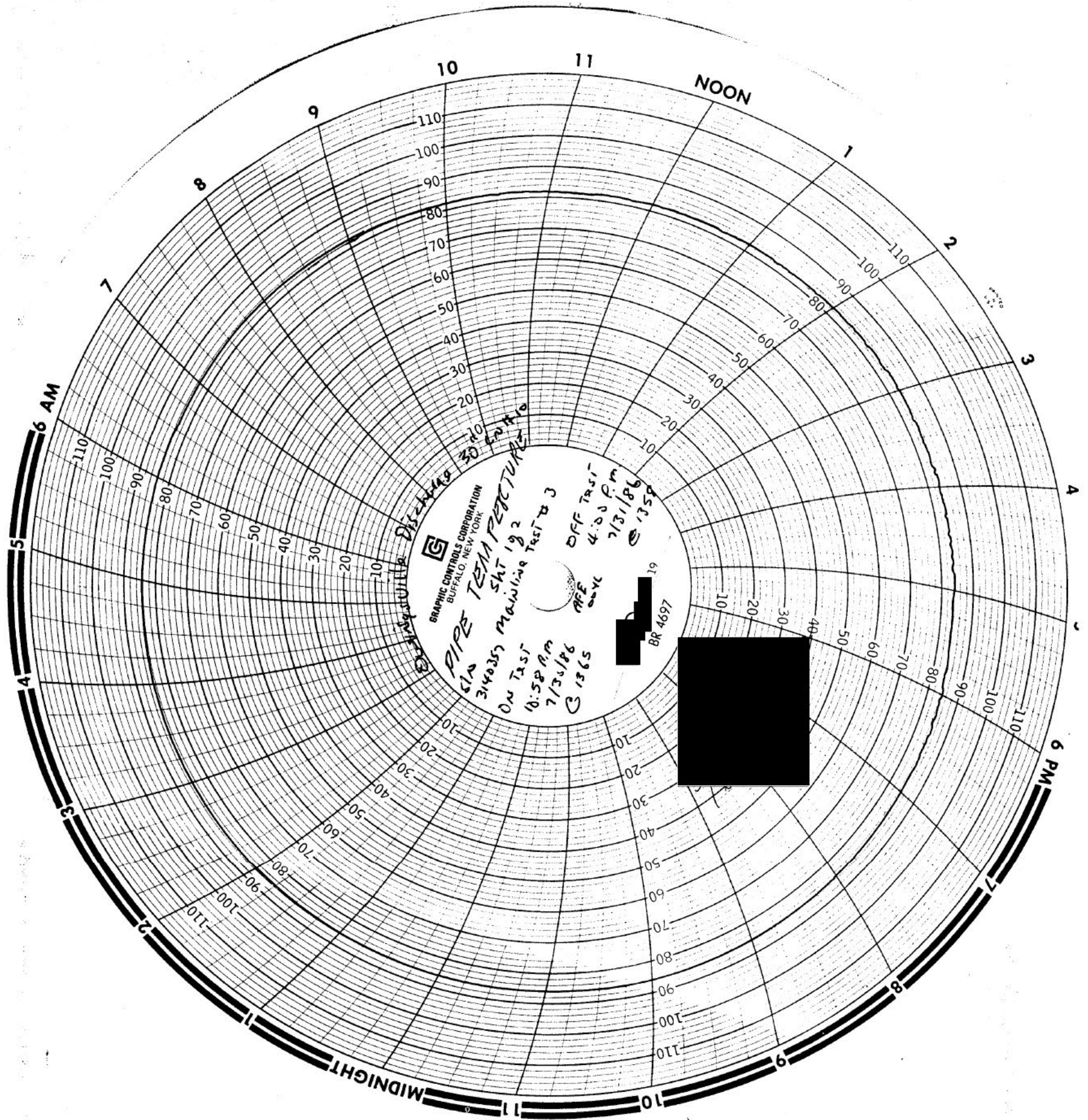
Contractor Representative _____ **TEGPL Representative** _____

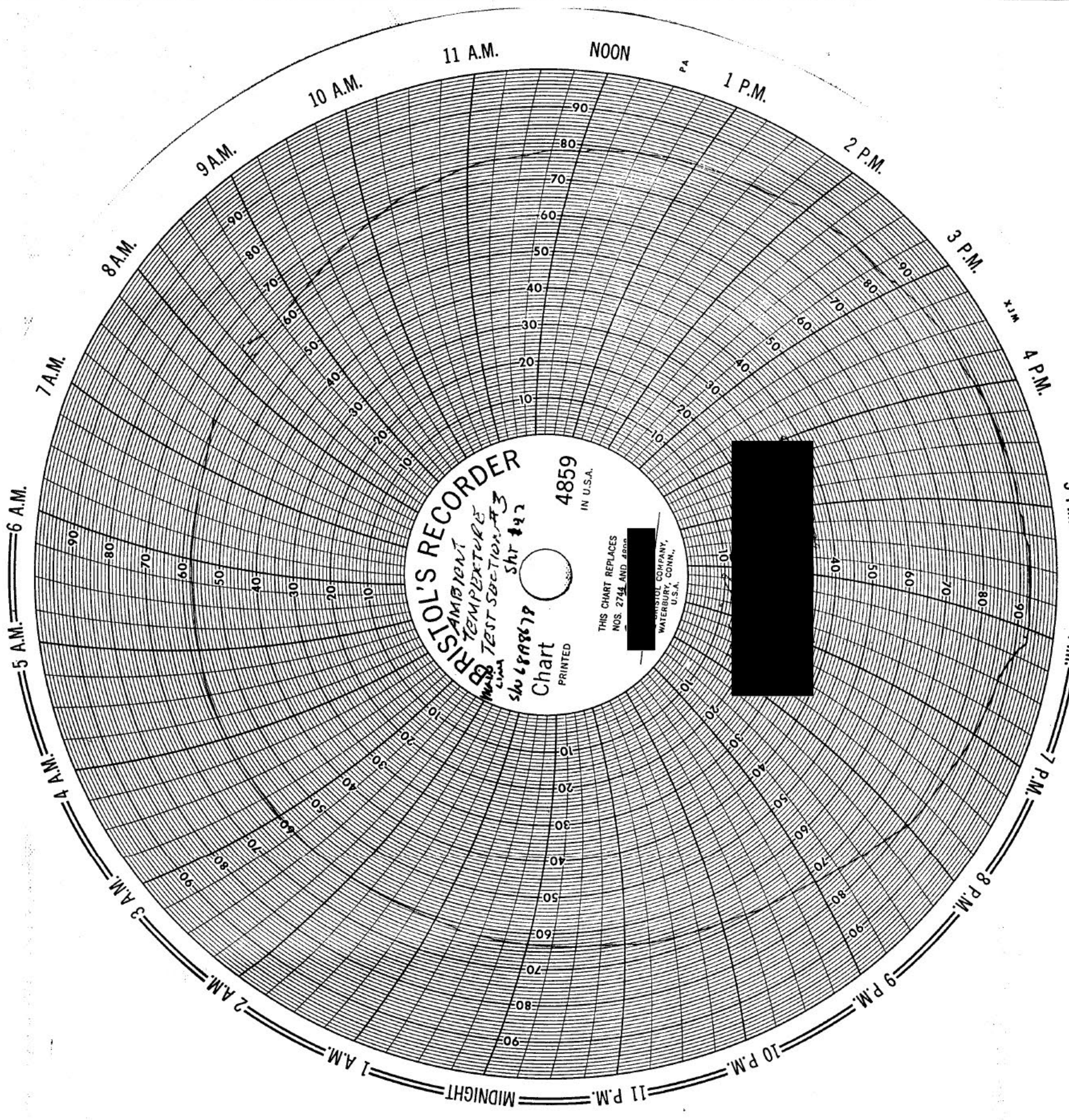
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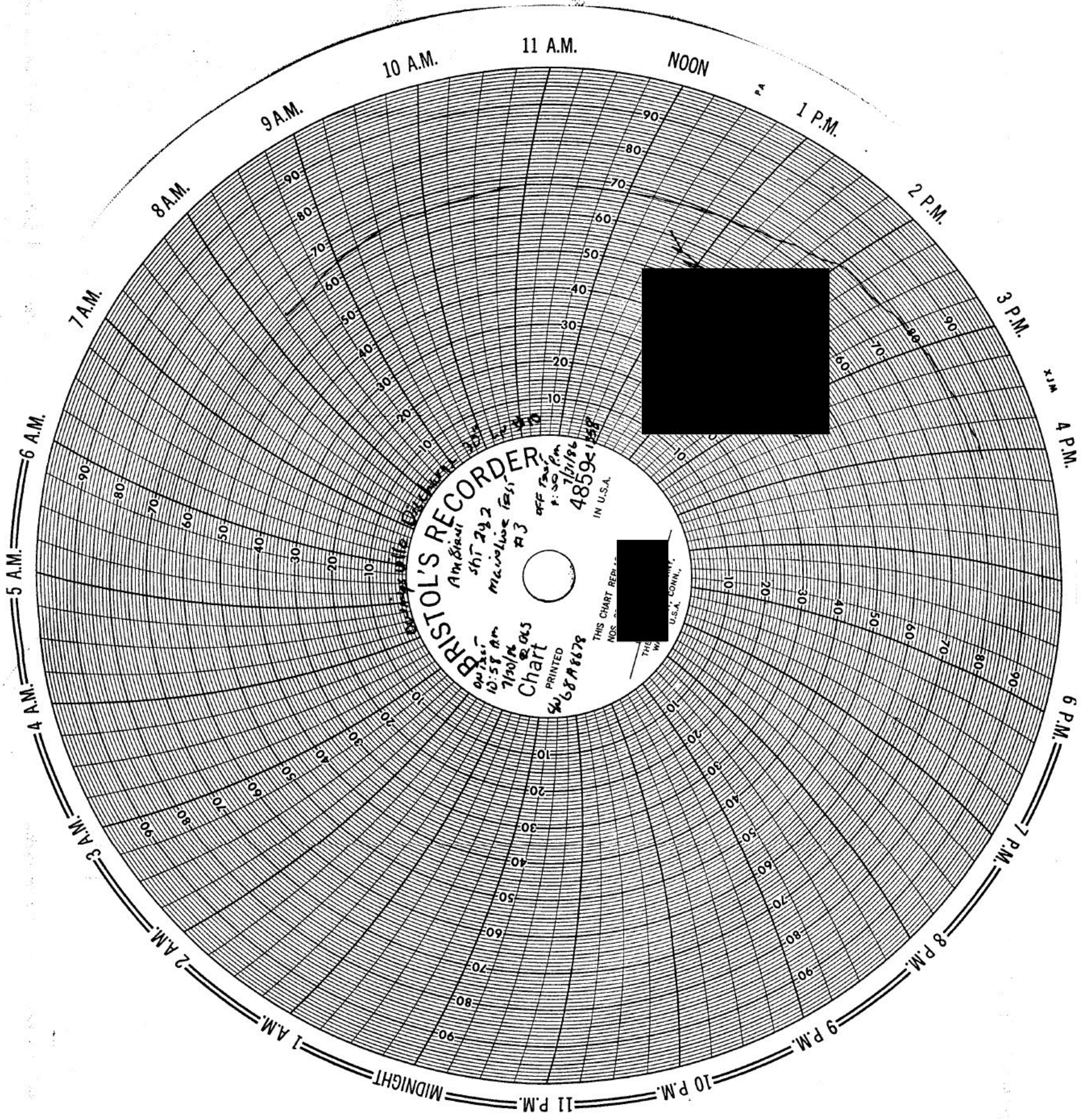




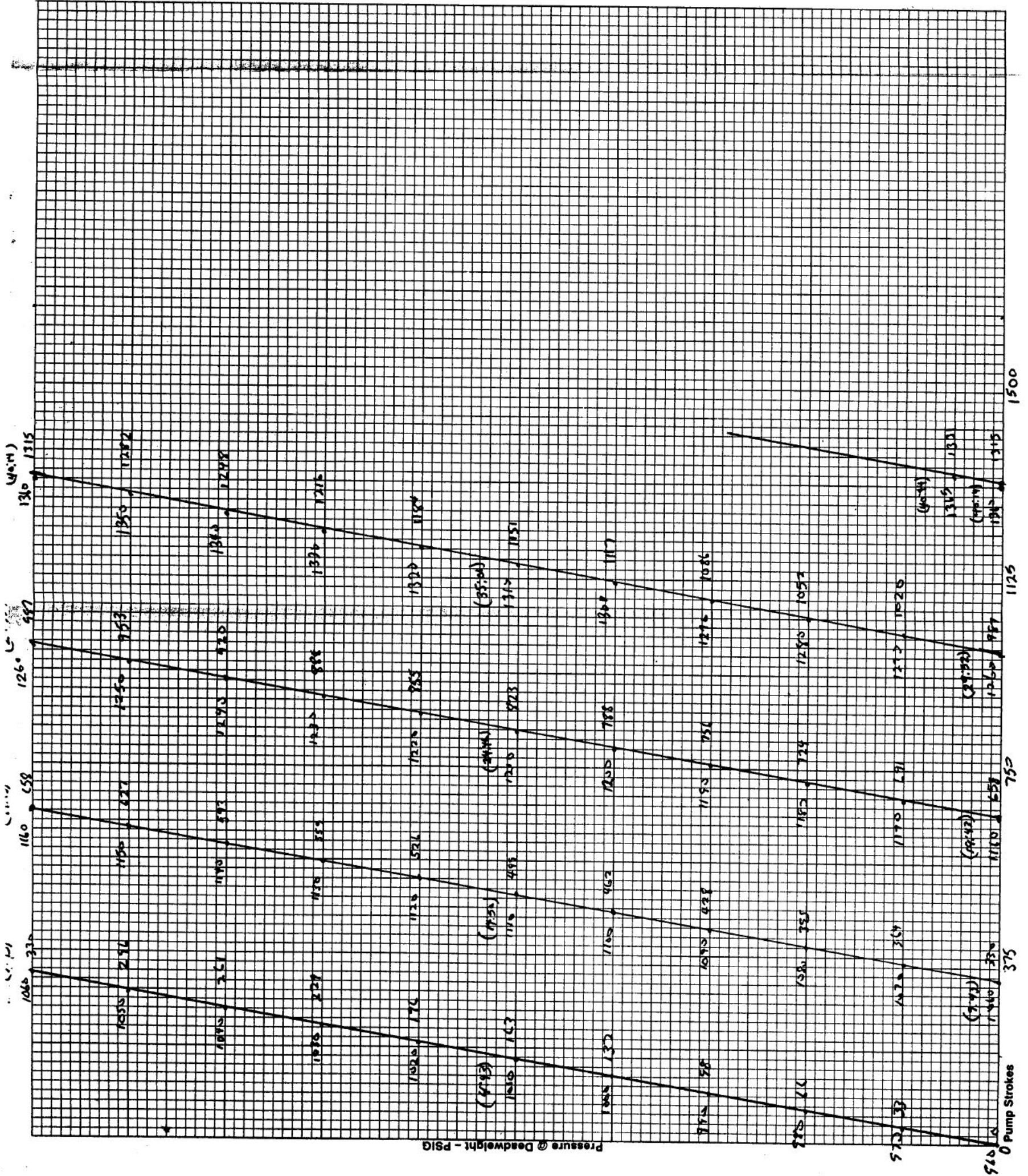








TEXAS EASTERN GAS PIPELINE COMPANY Stroke Pressure Graph	
Project Description	Owingsville Discharge Re-test
Test Section Description	Mainline Test # 3 30" LWM10
SECTION TESTED	Beginning Station Number 26875+30
	Ending Station Number 26951+08
Date	7/30/86 AFE 0016
Deadweight Location	Water Source Licking River
Deadweight Serial No.	Pressure Unit No. PT-130
Gallons/Stroke	Strokes/Pound 3.3
Gallons/Pound	Strokes/Minute 33.98
Pounds/Minute	No. Strokes 1st Two Hrs. Hold 0
	ID Stress
	OD Stress
1365 # @ Deadweight Elevation - 55,982 psi 54,600 psi	
1265 # @ High Elevation - 49,967 psi 50,100 psi	
1420 # @ Low Elevation - 56,010 psi 56,800 psi	
Gallons Deviation	3.02 222.75 Gallons
Gallons Dev./Mile	2.15 Gallons/Mile
Gallons per ft. Joint	1396.2 Gallons
No. of 40-foot joints	189.45 Joints
Test Section Fill Volume	266,729 Gallons
Test Contractor	DOTA GULF/ML/BW
Deadweight Operator	JERRY BRACK
TEGPI Branch/Office	
Comments	
	960 - 1365 = 405 psi
	405 * 3.3 = 1336.5 stk
	1336.5 - 1331 = 5.5 stk
	5.5 = Total stk Dev
	.55 = 3.02 Gal. Dev



1281
15 hrs
8/86

12

TEXAS EASTERN GAS PIPELINE COMPANY
Field Pressure and Test Report

Project Description
Owingsville Discharge, Re-Test Program, 30" Line #10 1 of 2

Test Section Description Mainline Test Section #4, 30" Line #10						AFE 0046
Beginning Station Number 26951+08		Ending Station Number 26978+68		Section Length 2760	Length of Exposed Pipe 200	
Pipe Description	OD 30	WT .375	Grade X-52	Seam DRW	Manufacturer Nat'l. Tube	Coating Type D
Initial Sky Clear	Initial Ambient Temperature 80°	Final Sky Clear	Final Ambient Temperature 86°	Deadweight Location 26951+08		
Water Source Licking River		Stroke Pressure Graph <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Gal./Stroke .55	Pressure Unit Number PT-130		
Design Specified Test Pressure		Maximum 1265	Minimum 1250	Reference Point High Point		
High Elevation Point 1113.21	Low Elevation Point 878.26	Deadweight Elevation 1052.24	Deadweights to High Point (PSI) 26.4=27	Deadweights to Low Point (PSI) 75		
Test Pressure at Deadweights		Minimum 1277	Maximum 1292			
On Test	Time 8:20	<input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.	Date 7/31/86	Pressure 1292	Test Accepted	Time 12:00
						<input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.
						Date 8/1/86
						Pressure 1289

Observed Leaks
 Valve Flange Nipple Other _____

Date of First Entry

7	31	86
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Deadweight Recorded Readings

Time (AM/PM)	Pressure Psig	Strokes	Temp °F/°C	Time (AM/PM)	Pressure Psig	Strokes	Temp °F/°C
7:09	300	Start Pump		1:00	1285		68°
7:15	950	15 min. leak test		1:30	1284		68°
7:30		Bled down		1:44	1284-1292	Re-Press.	68°
7:33	850	15 min. tight line leak test		2:00	1292		68°
7:55	890	Start plot		2:30	1290		67°
8:20	1292	On Test	77°	3:00	1289		67°
8:30	1292		76°	3:30	1287		65°
9:00	1290		75°	4:00	1286		66°
9:04	1290-1292	3	74°	4:30	1285		65°
9:20	1292		74°	5:00	1284		65°
9:30	1292		72°	5:30	1282		65°
10:00	1292		72°	6:00	1281		64°
10:20	1292		72°	6:05	1281-1292	15 Repressure	64°
10:30	1291		72°	6:30	1291		64°
11:00	1290		71°	7:00	1290		64°
11:30	1289		71°	7:30	1288		64°
12:00 AM	1288		69°	8:00	1286		65°
12:30	1286		69°	8:30	1286		70°

Comments Foxboro
Press. Rec. S/N 66937, Pipe temp. rec. S/N 242A3494, Amb. temp rec. S/N 3140357.

Deadweight Serial Number 741	Certification Date 5/26/86	Test Contractor Delta Gulf
Contractor Representative		TEGPI Representative

TEG1527

TEXAS EASTERN GAS PIPELINE COMPANY
Field Pressure and Test Report

Project Description: **Owingsville Discharge, Re-Test Program, 30" Line #10** 2 of 2

Test Section Description: **Mainline Test Section #4, 30" Line 10** AFE 0046

Beginning Station Number: **26951+08** Ending Station Number: **26978+68** Section Length: **2760'** Length of Exposed Pipe: **200'**

Pipe Description: OD **30"** WT **.375** Grade **X-52** Seam **ERW** Manufacturer **Nat'l. Tube** Coating Type **D**

Initial Sky: **Clear** Initial Ambient Temperature: **80°** Final Sky: **Clear** Final Ambient Temperature: **86°** Deadweight Location: **26951+08**

Water Source: **Licking River** Stroke Pressure Graph: Yes No Gal./Stroke: **.55** Pressure Unit Number: **PT-130**

Design Specified Test Pressure: Maximum **1265** Minimum **1250** Reference Point: **High Point**

High Elevation Point: **1113.21** Low Elevation Point: **878.26** Deadweight Elevation: **1052.24** Deadweights to High Point (PSI): **27** Deadweights to Low Point (PSI): **75**

Test Pressure at Deadweights: Minimum **1277** Maximum **1292**

On Test: Time **8:20** a.m. p.m. Date **7/31/86** Pressure **1292** Test Accepted: Time **Noon** a.m. p.m. Date **8/1/86** Pressure **1289**

Observed Leaks: Valve Flange Nipple Other

Date of First Entry: **8 1 86** **Deadweight Recorded Readings**

Time (AM/PM)	Pressure Psig	Strokes	Temp °F/°C	Time AM/PM	Pressure Psig	Strokes	Temp °F/°C
9:00	1285		72°				
9:30	1285		74°				
10:00	1285		77°				
10:30	1286		81°				
11:00	1287		85°				
11:30	1288		82°				
12:00	1289	Test Accepted	86°				
12:05 PM		Bled Down					

Comments

Deadweight Serial Number: **741** Certification Date: **5/26/86** Test Contractor: **Delta Gulf**

Contractor Representative: _____ TEGPL Representative: _____

TEG1527

TEXAS EASTERN GAS PIPELINE COMPANY
Field Pressure and Test Report

Project Description: **Dwingsville Discharge Re Test Program 1986**

Test Section Description: **Mainline Test # 4 30" LN #10** AFE **0046**

Beginning Station Number: **26951+08** Ending Station Number: **26978+68** Section Length: **2760** Length of Exposed Pipe: **200**

Pipe Description: OD **30"** WT **.875** Grade **X-52** Seam **ERW** Manufacturer **NAT/DPR** Coating Type **"D"**

Initial Sky: **Clear** Initial Ambient Temperature: **80** Final Sky: **Clear** Final Ambient Temperature: **86** Deadweight Location: **26951+08**

Water Source: **Licking River** Stroke Pressure Graph: Yes No Gal./Stroke: **.55** Pressure Unit Number: **P1-180**

Design Specified Test Pressure: Maximum **1265** Minimum **1250** Reference Point: **High Point**

High Elevation Point: **1113.21** Low Elevation Point: **878.26** Deadweight Elevation ¹⁰⁵²: **1052.24** Deadweights to High Point (PSI): **26.4 = 27** Deadweights to Low Point (PSI): **82.4 75**

Test Pressure at Deadweights: Minimum **1277** Maximum **1292**

On Test: Time **8:20** a.m. p.m. Date **7/31/86** Pressure **1292** Test Accepted: Time **12:00** a.m. p.m. Date **8/1/86** Pressure **1289**

Observed Leaks: Valve Flange Nipple Other

Date of First Entry: **7 31 86**

Deadweight Recorded Readings

Time AM/PM	Pressure Psig	Strokes	Temp °F/°C	Time AM/PM	Pressure Psig	Strokes	Temp °F/°C
7:09	300	START Pump		1:00	1285		68°
7:15	950	15 min Leak Test		1:30	1284		68°
7:30		Blow Down		1:44	1204/1292	Re Pressure	68°
7:33	850	15 min Tight Line Test		2:00	1292		68°
7:55	890	Start Plot		2:30	1290		67°
8:20	1292	DN Test	77°	3:00	1289		67°
8:30	1292		76°	3:30	1287		65°
9:00	1290		75°	4:00	1286		66°
9:04	1290-1292	3	74°	4:30	1285		65°
9:20	1292		74°	5:00	1284		65°
9:30	1292		72°	5:30	1282		65°
10:00	1292		72°	6:00	1281		64°
10:20	1292		72°	6:05	1281/1292	Repressure	64°
10:30	1291		72°	6:30	1291		64°
11:00	1290		71°	7:00	1290		64°
11:30	1289		71°	7:30	1288		64°
12:00	1288		69°	8:00	1286		65°
12:30	1286		69°	8:30	1286		70

Comments: **FORBOK Pressure Rec # 66937 Temp Pipe # 24273494 Temp Ambient # 3140357**

Deadweight Serial Number: **741** Certification Date: **5-26-86** Test Contractor: **DELTA GULF**

Contractor Representative: **[Signature]** TEGPI Representative: **[Signature]**

TEG1527

TEXAS EASTERN GAS PIPELINE COMPANY
Field Pressure and Test Report

Project Description
Owingsville Discharge Pressure Program 1986

Test Section Description
Mainline Test # 4 30" LN # 12 AFE
0046

Beginning Station Number: **26951+00** Ending Station Number: **26978+68** Section Length: **2760** Length of Exposed Pipe: **200**

Pipe Description: OD **30"** WT **.375** Grade **X-52** Seam **ERW** Manufacturer **NAI/TUBE** Coating Type **TYPE "D"**

Initial Sky: **clear** Initial Ambient Temperature: **80°** Final Sky: **clear** Final Ambient Temperature: **86°** Deadweight Location: **26951+08**

Water Source: **Licking River** Stroke Pressure Graph: Yes Gal./Stroke: **.55** Pressure Unit Number: **PT-130**

Design Specified Test Pressure: Maximum **1265** Minimum **1250** Reference Point: **High Point**

High Elevation Point: **1113.21** Low Elevation Point: **878.26** Deadweight Elevation: **1052.24** Deadweights to High Point (PSI): **27** Deadweights to Low Point (PSI): **75**

Test Pressure at Deadweights: Minimum **1277** Maximum **1292**

On Test: Time **8:20** a.m. p.m. Date **7/31/86** Pressure **1292** Test Accepted: Time **12:00** a.m. p.m. Date **8/1/86** Pressure **1289**

Observed Leaks: Valve Flange Nipple Other

Date of First Entry **8 1 86**

Deadweight Recorded Readings

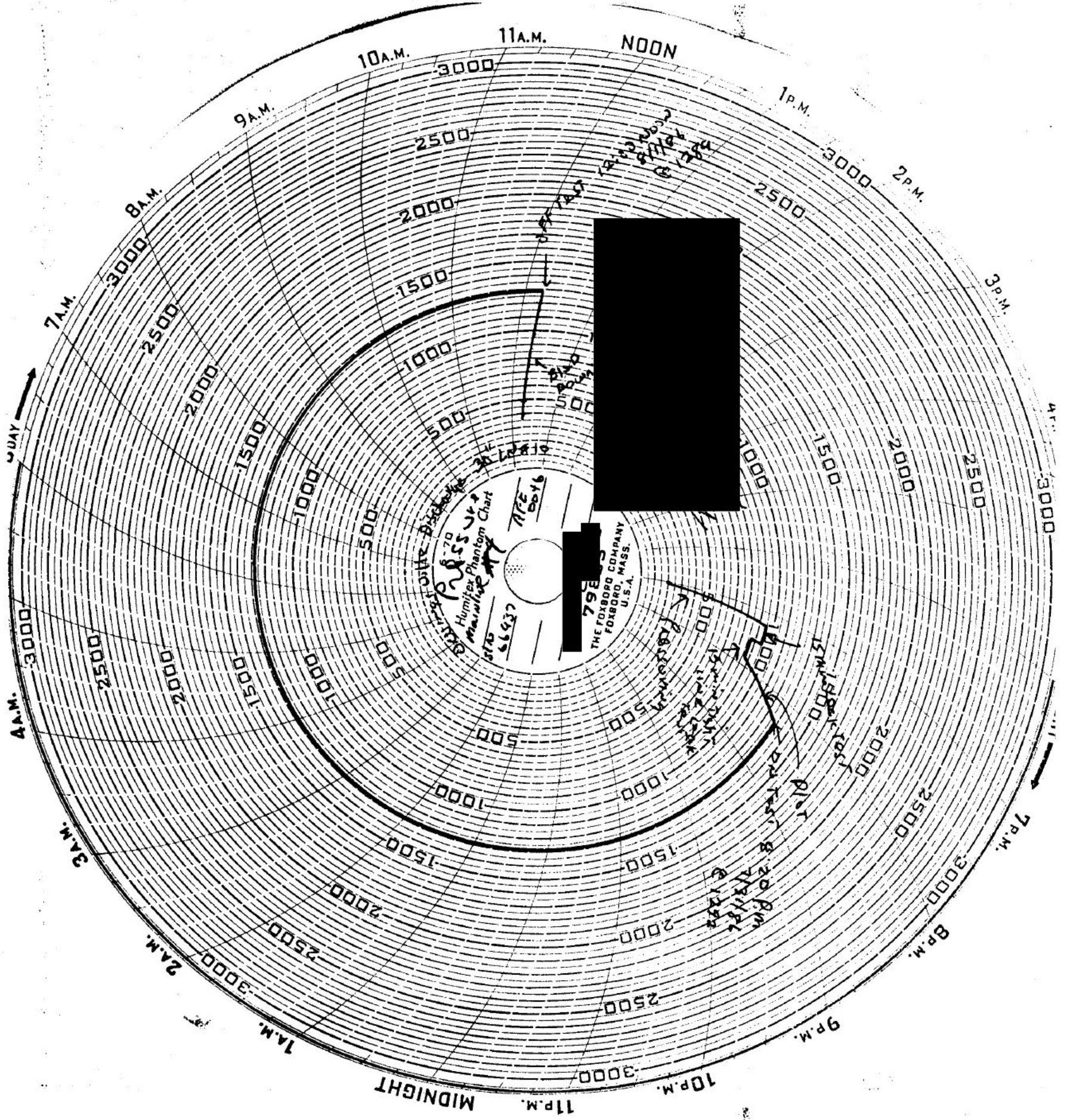
Time AM/PM	Pressure Psig	Strokes	Temp °C	Time AM/PM	Pressure Psig	Strokes	Temp °F/°C
9:00	1285		72				
9:30	1285		74				
10:00	1285		77				
10:30	1286		81°				
11:00	1287		85°				
11:30	1288		82°				
12:00	1289	Test Accepted	86°				
12:05		Bled Down					

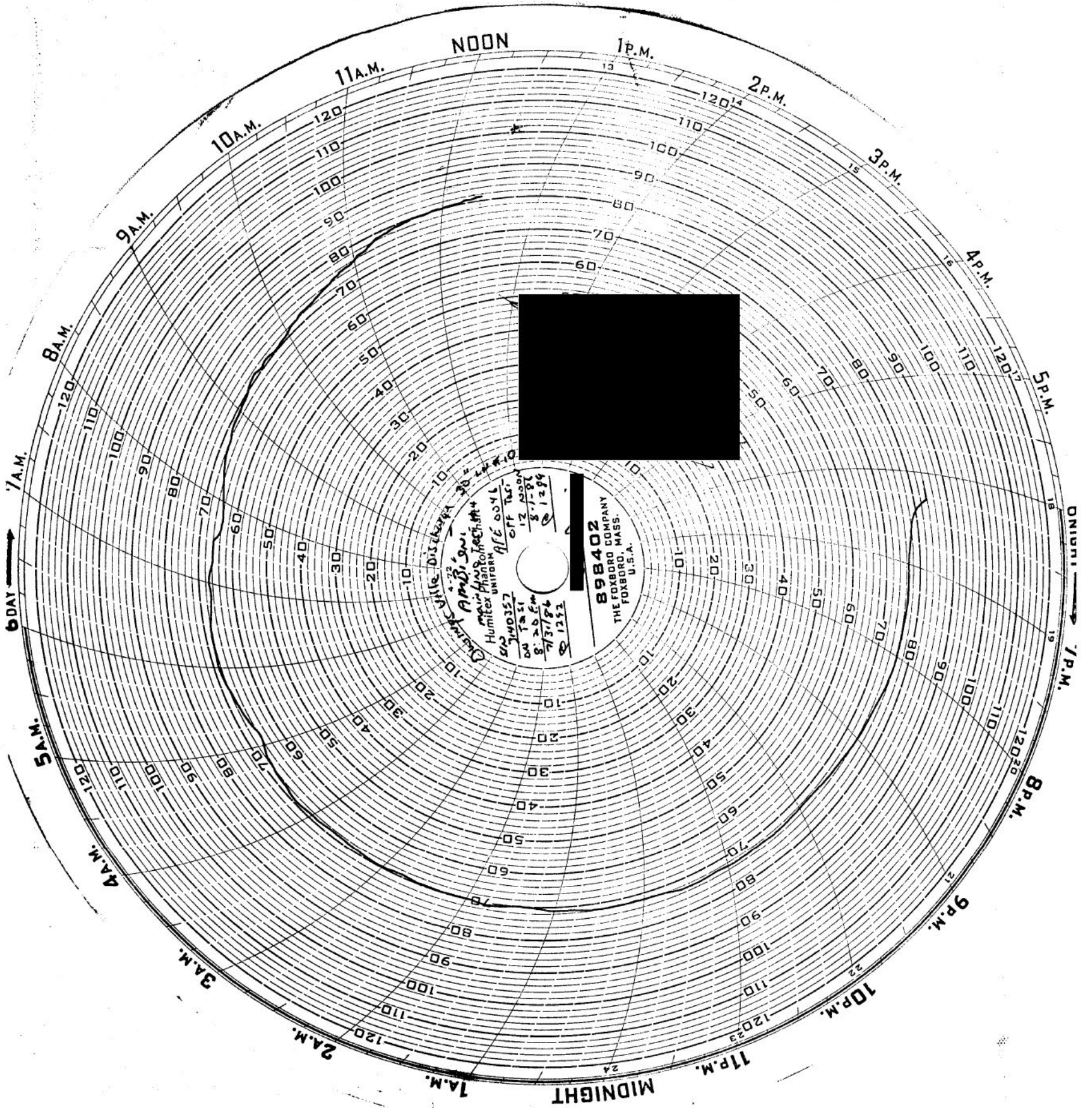
Comments

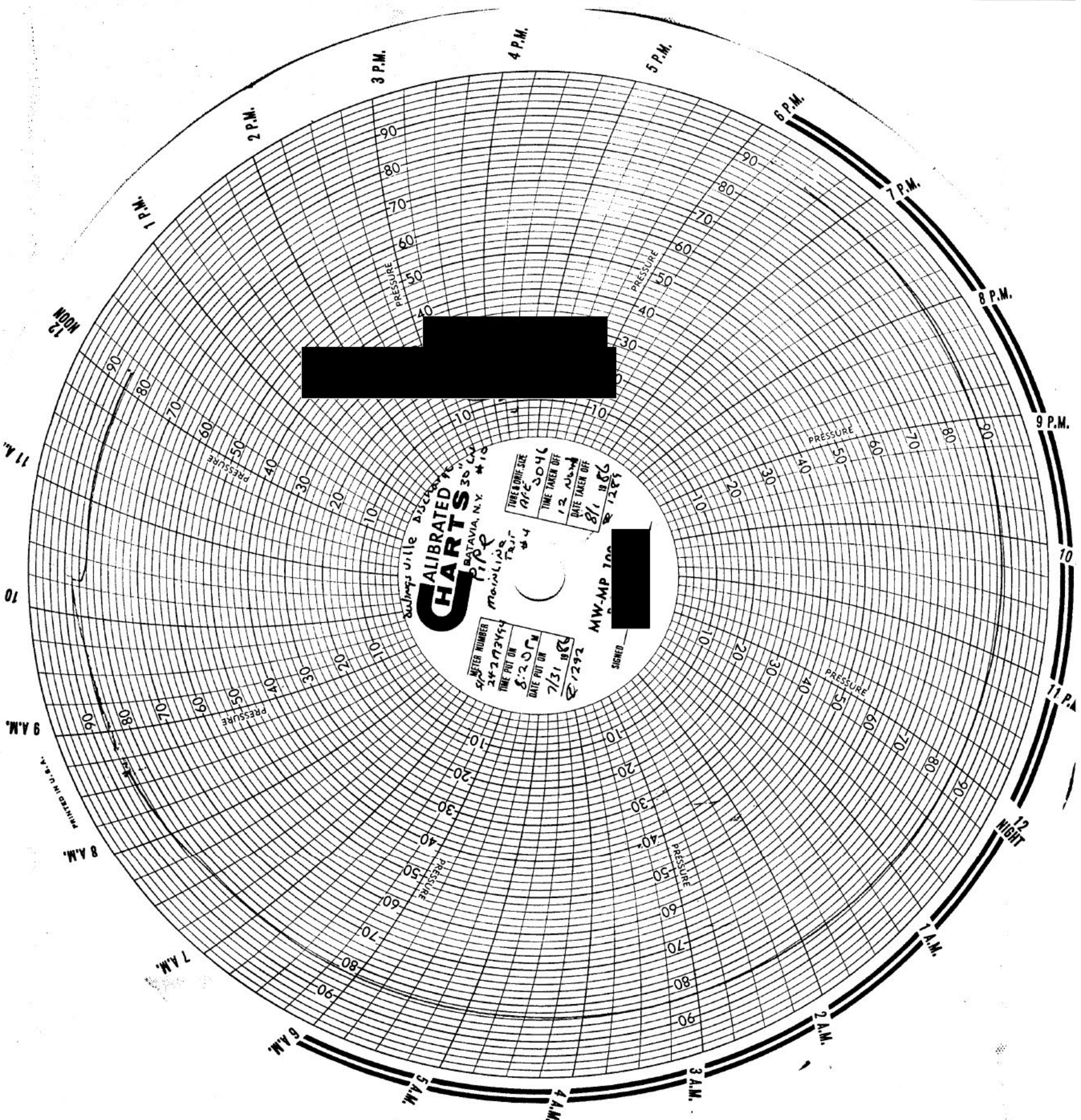
Deadweight Serial Number: **74** Certification Date: **5-26-86** Test Contractor: **DELTA GULF**

Contractor Representative: TEGPL Representative:

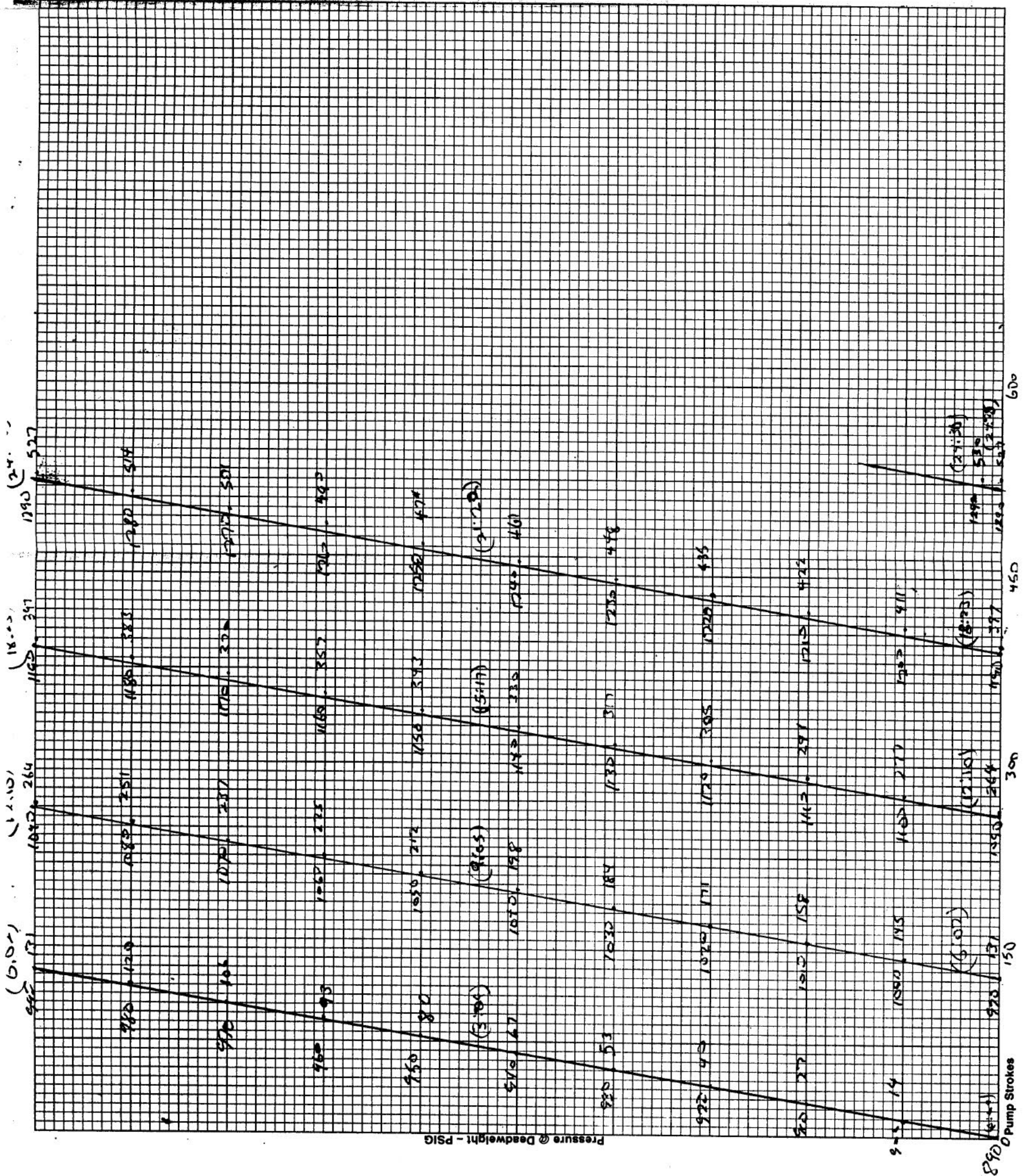
TEG1527







© TEXAS EASTERN GAS PIPELINE COMPANY Stroke Pressure Graph	
Project Description Dunningville Discharge Rest Test Section Description Mainline Test # 4 35" LWHIS	
Beginning Station Number 26951+08	AFE 0046
SECTION TESTED 26978+68	Ending Station Number 26978+68
Date 7/31/86	Water Source Licking River
Deadweight Location 26951+08	Pressure Unit No. P1-130
Deadweight Serial No. 741	Strokes/Pound 1.31
Gallons/Stroke .55	Strokes/Minute 21.8
Gallons/Pound .72	No. Strokes 1st Two Hrs. Hold 3
Pounds/Minute 16.6	ID Stress OD Stress
1292 @ Deadweight Elevation - 51,054 psi 57,680 psi	1265 # @ High Elevation - 49,968 psi 50,600 psi
1367 # @ Low Elevation - 53,997 psi 54,680 psi	Gallons Deviation 3.5
Gallons Deviation 3.5	Gallons 6.73
Gallons Dev./Mile 6.73	Gallons/Mile 1396
Gallons per 40 ft. Joint 40	Gallons 69.0
No. of 40-foot joints 69.0	Joints 97,146
Test Section Fill Volume 97,146	Gallons 97,146
Test Contractor Delta Gulf / Milbar	Deadweight Operator Tommy Pearson
TEGPL Reassignment [Redacted]	Comments Calc stk ≈ 527 Actual stk ≈ 530 3+36 Tot stk 867 67.55 ≈ 3.5 Gal Dev



Lyons Sara

From: Nathan Atanu <[REDACTED]>
Sent: Wednesday, December 15, 2021 6:46 PM
To: Lyons Sara; Andy Drake; Doug Cook; Stephen Rapp; Gary Vervake; Thomas Wooden; Bauman, Gery (PHMSA); Budinski Michael
Cc: Lynum Sean; Zakar Frank
Subject: RE: Hillsboro, KY Technical Review (PLD20LR001)

[CAUTION] This email originated from outside of the organization. Do not click any links or open attachments unless you recognize the sender and know the content is safe.

Hello Sara,

As a follow up to our call today, we determined that further correction to Table 2 was required. The site elevation in the report was identified as 923.5 ft at the top of page 7 of the O&I Factual report. The pressure for an elevation of 923.5 ft was recalculated and below are test pressures for the 1952 and 1986 pressure tests.

- 1952 - GW 11330 test pressure was 1143 psig
- 1986 - GW 11330 test pressure was 1318 psig

Please let me know if you have any questions.

Thanks

Nathan Atanu, P.E.

Manager, Operational Compliance

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ENBRIDGE

TEL: [REDACTED] | CELL: [REDACTED] | FAX: [REDACTED] | [REDACTED]
5400 Westheimer Court, Houston, Texas, 77056

enbridge.com

Safety. Integrity. Respect.

-----Original Appointment-----

From: Lyons Sara <[REDACTED]>
Sent: Tuesday, December 14, 2021 4:43 PM
To: Lyons Sara; Andy Drake; Doug Cook; Stephen Rapp; Gary Vervake; Nathan Atanu; Thomas Wooden; Bauman, Gery (PHMSA); Budinski Michael
Cc: Lynum Sean; Zakar Frank
Subject: Hillsboro, KY Technical Review (PLD20LR001)
When: Wednesday, December 15, 2021 1:00 PM-3:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: Microsoft Teams Meeting

Please plan to participate in the meeting.

-----Original Appointment-----

From: Lyons Sara <[REDACTED]>
Sent: Tuesday, September 28, 2021 12:38 PM
To: Lyons Sara; Thomas Wooden; Bauman, Gery (PHMSA); Budinski Michael