

PIPELINE QUALIFICATION RECORD

1. Pipeline
Line Number 38 MNT05-1 Orig. Appro. # _____
Line Name Norteno #5
Description of Location El Paso Delivery Point near Anthony, Texas in El Paso County, Texas to end of line in Dona Ana County, New Mexico.

Design Code DOT Part 192 Corrosion Allowance None

2. Pipe

Size	Eff. Wall Thickness	Grade	SMYS	Class Loc.	Design Factor	Max Design Press.
4.5"	.156"	Unknown	1,664	3	.5	832
3.5"	.125"	Unknown	1,714	3	.5	857
3.5"	.125"	Unknown	1,714	2	.6	1,029
		(24,000)				

3. Components

Valves	<u>150</u>	# ANSI	Max. W. P.	<u>275</u>	psig
Fittings	<u>150</u>	# ANSI	Max. W. P.	<u>275</u>	psig
Vessels		# ANSI	Max. W. P.		psig
Other		# ANSI	Max. W. P.		psig
		# ANSI	Max. W. P.		psig

4. Construction

Completed, month and year 3" - 1954; 4" - 1967 Type of weld inspection _____
No. welds X-rayed _____ No. Repairs _____ % X-rayed _____
Type of Coating _____
Method of Cathodic Protection _____ Anodes _____ No. of test stations 6

5. Pressure test

Test Section Entire Pipeline
Date 11/5/07 Fluid _____ Gas _____ Class 2 & 3
Test Pressure 92 psig Duration 1 Hours
Failures None

Test Section _____
Date _____ Fluid _____ Class _____
Test Pressure _____ psig Duration _____ Hours
Failures _____

Test Section _____
Date _____ Fluid _____ Class _____
Test Pressure _____ psig Duration _____ Hours
Failures _____

6. Qualification Data

Max O. P. Pipe 832 psig, Components 275 psig, Test 61 psig
Max. actual press. (5 yrs. prior July 1, 1970) _____ N/A _____ psig
MAX. ALLOW. OPER. PRESSURE (MAOP) _____ 61 _____ psig

ONEOK GAS TRANSPORTATION, L.L.C.

REPORT OF PIPELINE PRESSURE TEST

(For Pipelines to Operate Above 60 PSIG)

Form 1792 (10-00)

Line Name Norteno #5 Test Medium: Water Gas Air
 Job Order Number: _____ Region Permian
 Location: Section _____ Twp. _____ Rge. _____ To: Section _____ Twp. _____ Rge. _____
 Design Pressure 832/857 PSIG MAOP 600 PSIG OGT Pre-Test #: PT-0715

PIPE SPECIFICATIONS (Material to be tested)

Size 4.50" Weight .156" Grade Unknown
 Class Location: 3 Quantity: 2,165-feet
 Pressure required to produce Hoop Stress of 100% SMYS 16604
 Pressure required to produce Hoop Stress of 90% SMYS 1492
 Size 3.50" Weight .125" Grade Unknown
 Class Location: 3 Quantity: 4,065-feet
 Pressure required to produce Hoop Stress of 100% SMYS 1714
 Pressure required to produce Hoop Stress of 90% SMYS 1543

Fittings:

Maximum ratings of flanges: ANSI 150
 Maximum ratings of valves: PSIG 275

Maximum Elevation: N/A Location: Section _____ Twp. _____ Rge. _____
 Pressure: _____ PSIG % SMYS _____

Minimum Elevation: N/A Location: Section _____ Twp. _____ Rge. _____
 Pressure: _____ PSIG % SMYS _____

Location of Pumps: N/A Section _____ Twp. _____ Rge. _____ Elevation _____
 Initial Pressure _____ Final Pressure _____
 Initial Temp. _____ Final Temp. _____

Location of Gauge/Charts: 91 Section _____ Twp. _____ Rge. _____ Elevation _____
 Initial Pressure 91 Final Pressure 92
 Initial Temp. 123°F Final Temp. 126°F

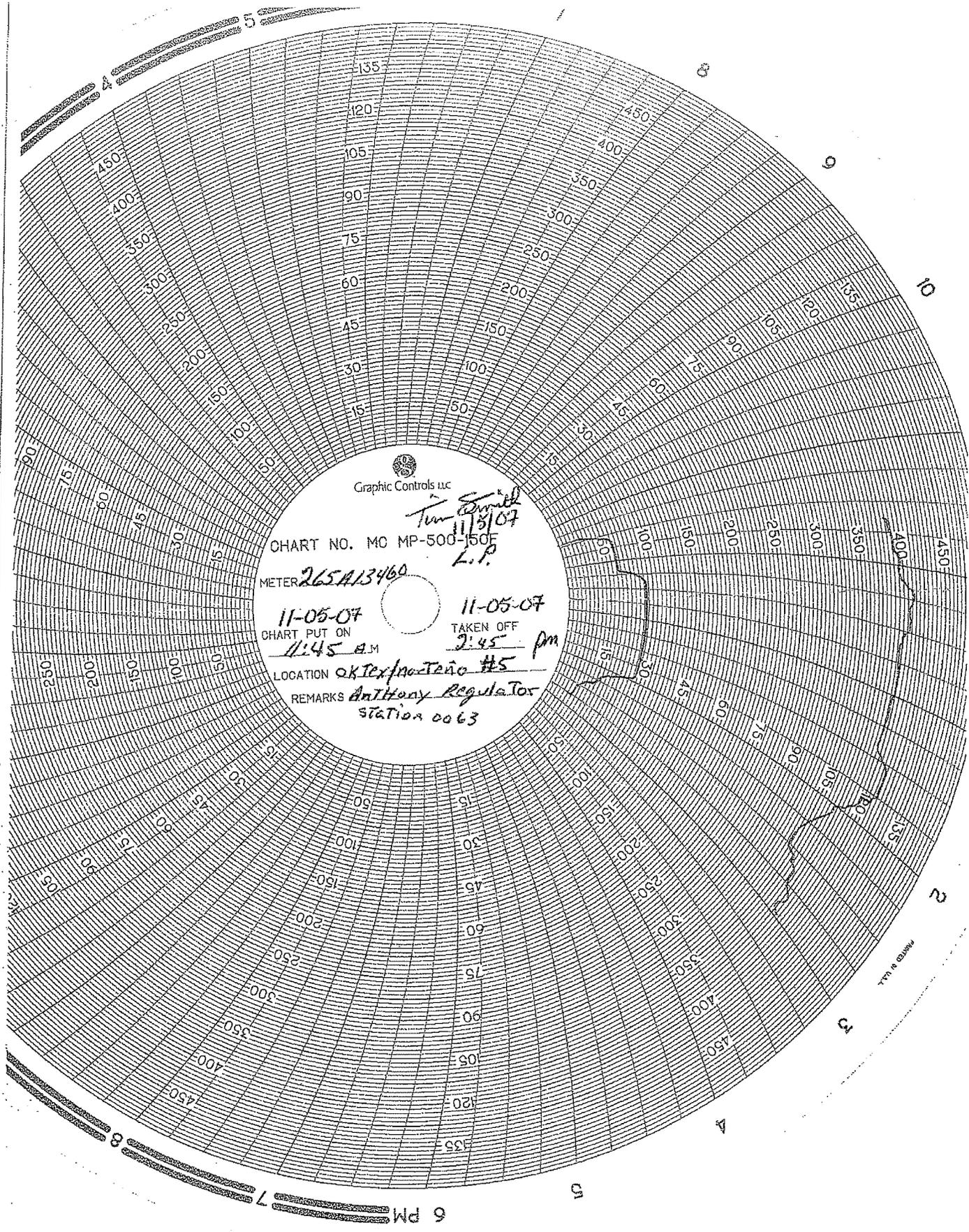
Test: Started: 12:30pm - 11/05/2007 Ended: 1:45pm - 11/05/2007
 (Time and Date) (Time and Date)

Remarks: Gauges & charts were located at both ends of this pipe segment test.
Start: Latitude: North 32° 00.03; Longitude: West 106° 36.12; Elevation: 3203'
End: Latitude: North 31° 59.99; Longitude: West 106° 37.18; Elevation: 3175'

Name: Tim Smith Title: Manager - Permian District
 (Please type)

Date: 12-11-07 Tim Smith
 (Signature)

(Note: Consult O & M Procedure 412 for standard testing)



Graphic Controls LLC

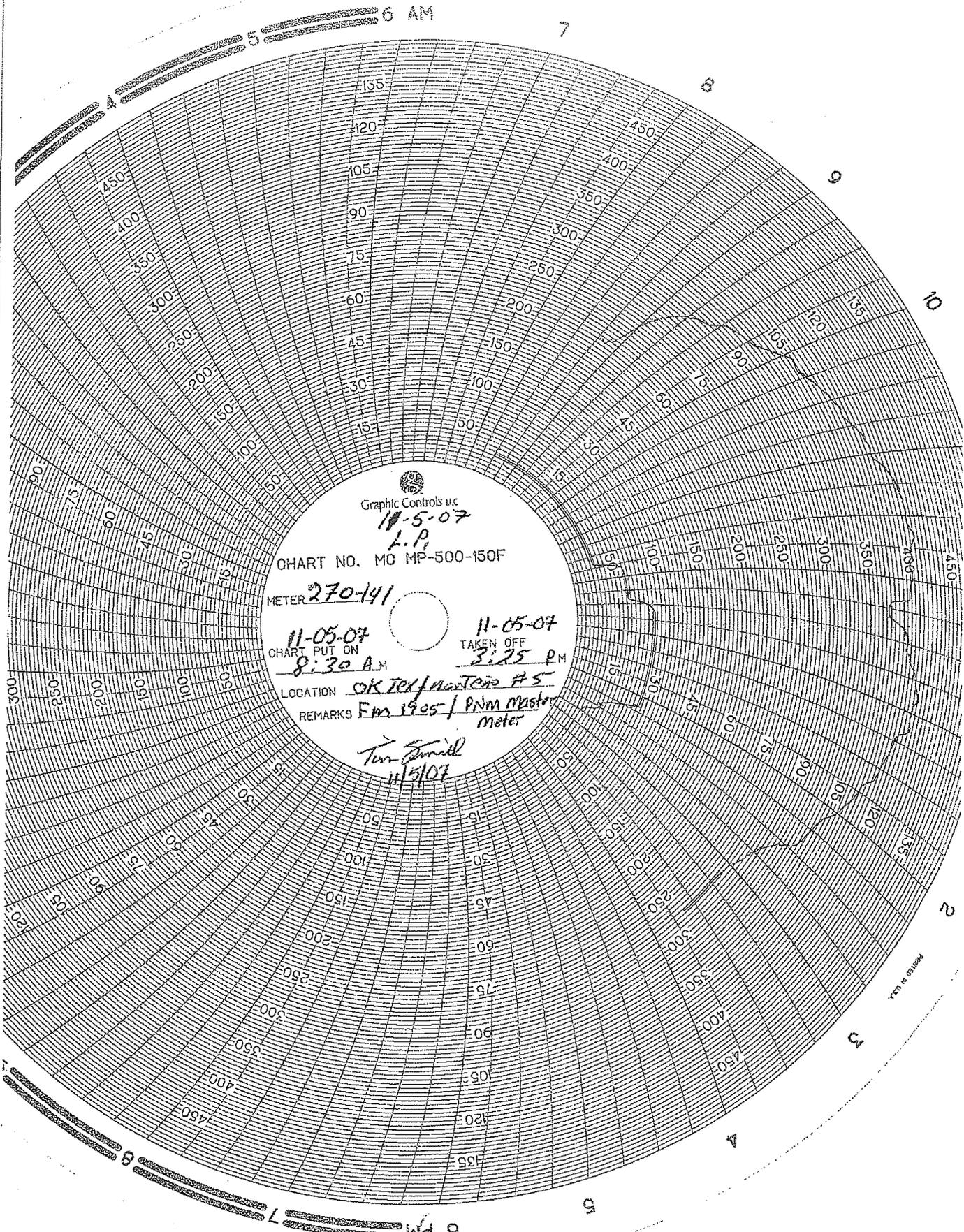
CHART NO. MC MP-500-150F
METER 265A13460
Tom Smith
11/3/07
L.P.

11-05-07
CHART PUT ON 11:45 AM
TAKEN OFF 2:45 PM

LOCATION *OKTepnoTeHc #5*
REMARKS *Anthony Regulator*
Station 0063

MADE IN U.S.A.

6 PM



Graphic Controls Inc
11-5-07
L.P.

CHART NO. MC MP-500-150F

METER 270-41

11-05-07
CHART PUT ON
8:30 A.M.

11-05-07
TAKEN OFF
3:25 P.M.

LOCATION OK Tex / Martins #5

REMARKS Fm 1905 / PNM Master
meter

Tom Smith
11/5/07

11/5/07

6 AM

6 PM



**OKTEX
PIPELINE
COMPANY, L.L.C.**
A SUBSIDIARY OF ONEOK PARTNERS, L.P.

Line Patrol Report

Line No: _____ Line Name: Norteno # 5 (Anthony) Date: 8/27/2007
 Block _____ Section _____ Survey _____
 League _____ Labor _____ County _____ State Texas
 Latitude _____ Longitude _____ Elevation _____ Tracking # Norteno #5 8/13/2007

Type of Patrol: Leak Survey From EPNG Take-off to East Drain

Aerial Ground Class 3 Locations Hwy and RR Crossings Used Gas Detection Equipment
 Type of gas detections equip. used: CGI Flame Ionization Serial # 45189
 Class 3 GPS Start: Latitude 32 00.03 N Longitude 106 36.12 W Elevation 3803
 Class 3 GPS Finish: Latitude 32 00.00 N Longitude 106 36.52 W Elevation 3759
 Leaks Found ? Yes No List leaks below:

Station #	Location (Blk, Sec, Survey)	Tracking #'s
1). _____	_____	_____
2). _____	_____	_____
3). _____	_____	_____

Line Condition

	Yes	No		Yes	No		Yes	No
Atmospheric Corrosion	<input type="checkbox"/>	<input checked="" type="checkbox"/>	New construction in area	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Supports adequate	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Pipeline Markers Adequate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	C.P. Test station adequate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fence conditions adequate	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Paint Adequate	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Possible hazards	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Pipeline vents adequate	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Insulating Sets Need Repair	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Erosion/Sunken ditches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Possible leaks	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Condition of Drips (N/A) Good	<input type="checkbox"/>	<input type="checkbox"/>	Poor			Meter #	_____	

Station #'s _____

Aerial Conditions:

Weather conditions: _____
 Average altitude: _____
 Average speed: _____
 Time of day at take off: _____ Time of day at landing: _____ Direction of flight: _____

Dead vegetation along right-of-way.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Was right-of-way photographed ?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Dead vegetation at railroad/highway crossings	<input type="checkbox"/>	<input type="checkbox"/>	Was right-of-way videotaped ?	<input type="checkbox"/>	<input type="checkbox"/>

Changes in Population Density:

Location:	Type Structure/Area	Estimated Occupancy
Station Number _____	<input type="checkbox"/> House/Trailer	<input type="checkbox"/> Single family
Blk/Lea. _____ Sec/Lab _____	<input type="checkbox"/> Business/apartments	<input type="checkbox"/> Less than 20 persons
Survey _____	<input type="checkbox"/> Other	<input type="checkbox"/> 20 persons or more
Distance to line _____	Explain other: _____	

Signature: Tony Jacquez (TGS)



**OKTEX
PIPELINE
COMPANY, L.L.C.**
A SUBSIDIARY OF ONEOK PARTNERS, L.P.

Line Patrol Report

Line No: _____ Line Name: Norteno # 5 (Anthony) Date: 8/27/2007
 Block _____ Section _____ Survey _____
 League _____ Labor _____ County _____ State Texas
 Latitude _____ Longitude _____ Elevation _____ Tracking # Norteno # 5 - 8/20/07

Type of Patrol: Class 3 Patrol only from EPNG Take-off to East Drain

Aerial Ground Class 3 Locations Hwy and RR Crossings Used Gas Detection Equipment
 Type of gas detections equip. used: CGI Flame Ionization Serial # _____
 Class 3 GPS Start: Latitude 32 00.03 N Longitude 106 36.12 W Elevation 3803
 Class 3 GPS Finish: Latitude 32 00.00 N Longitude 106 36.52 W Elevation 3759

Leaks Found ? Yes No List leaks below:

Station #	Location (Blk, Sec, Survey)	Tracking #'s
1). _____	_____	_____
2). _____	_____	_____
3). _____	_____	_____

Line Condition

Atmospheric Corrosion	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	New construction in area	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Supports adequate	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Pipeline Markers Adequate	<input checked="" type="checkbox"/> <input type="checkbox"/>	C.P. Test station adequate	<input checked="" type="checkbox"/> <input type="checkbox"/>	Fence conditions adequate	<input checked="" type="checkbox"/> <input type="checkbox"/>
Paint Adequate	<input type="checkbox"/> <input checked="" type="checkbox"/>	Possible hazards	<input type="checkbox"/> <input checked="" type="checkbox"/>	Pipeline vents adequate	<input checked="" type="checkbox"/> <input type="checkbox"/>
Insulating Sets Need Repair	<input type="checkbox"/> <input checked="" type="checkbox"/>	Erosion/Sunken ditches	<input type="checkbox"/> <input checked="" type="checkbox"/>	Possible leaks	<input checked="" type="checkbox"/> <input type="checkbox"/>
Condition of Drips (N/A) Good <input type="checkbox"/> Poor <input type="checkbox"/>				Meter # _____	

Station #'s _____

Aerial Conditions:

Weather conditions: _____
 Average altitude: _____
 Average speed: _____
 Time of day at take off: _____ Time of day at landing: _____ Direction of flight: _____

Dead vegetation along right-of-way	Yes <input type="checkbox"/> No <input type="checkbox"/>	Was right-of-way photographed ?	Yes <input type="checkbox"/> No <input type="checkbox"/>
Dead vegetation at railroad/highway crossings	Yes <input type="checkbox"/> No <input type="checkbox"/>	Was right-of-way videotaped ?	Yes <input type="checkbox"/> No <input type="checkbox"/>

Changes in Population Density:

Location:	Type Structure/Area	Estimated Occupancy
Station Number _____	<input type="checkbox"/> House/Trailer	<input type="checkbox"/> Single family
Blk/Lea. _____ Sec/Lab _____	<input type="checkbox"/> Business/apartments	<input type="checkbox"/> Less than 20 persons
Survey _____	<input type="checkbox"/> Other	<input type="checkbox"/> 20 persons or more
Distance to line _____	Explain other: _____	

Signature: Oscar Phillips



**OKTEX
PIPELINE
COMPANY, L.L.C.**
A SUBSIDIARY OF ONEOK PARTNERS, L.P.

Line Patrol Report

Line No: _____ Line Name: Norteno # 5 (Anthony) Date: 8/27/2007
 Block _____ Section _____ Survey _____
 League _____ Labor _____ County _____ State Texas
 Latitude _____ Longitude _____ Elevation _____ Tracking # Norteno #5 8/13/07

Type of Patrol: Leak Survey From East Drain to PNM Check Meter

Aerial Ground Class 2 Locations Hwy and RR Crossings Used Gas Detection Equipment
 Type of gas detections equip. used: CGI Flame Ionization Serial # 45189
 Class 2 GPS Start: Latitude 32 00.00 N Longitude 106 36.52 W Elevation 3759
 Class 2 GPS Finish: Latitude 31 59.99 N Longitude 106 37.18 W Elevation 3775

Leaks Found? Yes No List leaks below:

Station #	Location (Blk, Sec, Survey)	Tracking #'s
1). _____	_____	_____
2). _____	_____	_____
3). _____	_____	_____

Line Condition

Atmospheric Corrosion	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	New construction in area	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Supports adequate	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Pipeline Markers Adequate	<input checked="" type="checkbox"/> <input type="checkbox"/>	C.P. Test station adequate	<input checked="" type="checkbox"/> <input type="checkbox"/>	Fence conditions adequate	<input checked="" type="checkbox"/> <input type="checkbox"/>
Paint Adequate	<input type="checkbox"/> <input checked="" type="checkbox"/>	Possible hazards	<input type="checkbox"/> <input checked="" type="checkbox"/>	Pipeline vents adequate	<input checked="" type="checkbox"/> <input type="checkbox"/>
Insulating Sets Need Repair	<input type="checkbox"/> <input checked="" type="checkbox"/>	Erosion/Sunken ditches	<input type="checkbox"/> <input checked="" type="checkbox"/>	Possible leaks	<input type="checkbox"/> <input checked="" type="checkbox"/>
Condition of Drips (N/A) Good <input type="checkbox"/> Poor <input type="checkbox"/>				Meter # _____	

Station #'s _____

Aerial Conditions:

Weather conditions: _____
 Average altitude: _____
 Average speed: _____
 Time of day at take off: _____ Time of day at landing: _____ Direction of flight: _____

Dead vegetation along right-of-way	Yes <input type="checkbox"/> No <input type="checkbox"/>	Was right-of-way photographed?	Yes <input type="checkbox"/> No <input type="checkbox"/>
Dead vegetation at railroad/highway crossings	<input type="checkbox"/> <input type="checkbox"/>	Was right-of-way videotaped?	<input type="checkbox"/> <input type="checkbox"/>

Changes in Population Density:

Location:	Type Structure/Area	Estimated Occupancy
Station Number _____	<input type="checkbox"/> House/Trailer	<input type="checkbox"/> Single family
Blk/Lea. _____ Sec/Lab _____	<input type="checkbox"/> Business/apartments	<input type="checkbox"/> Less than 20 persons
Survey _____	<input type="checkbox"/> Other	<input type="checkbox"/> 20 persons or more
Distance to line _____	Explain other: _____	

Signature: Tony Jacquez (TGS)



**OKTEX
PIPELINE
COMPANY, L.L.C.**
A SUBSIDIARY OF ONEOK PARTNERS, L.P.

Line Patrol Report

Line No: _____ Line Name: Norteno # 5 (Anthony) Date: 8/27/2007
 Block _____ Section _____ Survey _____
 League _____ Labor _____ County _____ State Texas
 Latitude _____ Longitude _____ Elevation _____ Tracking # Norteno #5 8/20/07

Type of Patrol: Patrol only from East Drain to PNM Check Meter

Aerial Ground Class 2 Locations Hwy and RR Crossings Used Gas Detection Equipment
 Type of gas detections equip. used: CGI Flame Ionization Serial # 45189
 Class 2 GPS Start: Latitude 32 00.00 N Longitude 106 36.52 W Elevation 3759
 Class 2 GPS Finish: Latitude 31 59.99 N Longitude 106 37.18 W Elevation 3775

Leaks Found ? Yes No List leaks below:

Station #	Location (Blk, Sec, Survey)	Tracking #s
1).	_____	_____
2).	_____	_____
3).	_____	_____

Line Condition

Atmospheric Corrosion	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	New construction in area	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Supports adequate	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Pipeline Markers Adequate	<input checked="" type="checkbox"/> <input type="checkbox"/>	C.P. Test station adequate	<input checked="" type="checkbox"/> <input type="checkbox"/>	Fence conditions adequate	<input checked="" type="checkbox"/> <input type="checkbox"/>
Paint Adequate	<input type="checkbox"/> <input checked="" type="checkbox"/>	Possible hazards	<input type="checkbox"/> <input checked="" type="checkbox"/>	Pipeline vents adequate	<input checked="" type="checkbox"/> <input type="checkbox"/>
Insulating Sets Need Repair	<input type="checkbox"/> <input checked="" type="checkbox"/>	Erosion/Sunken ditches	<input type="checkbox"/> <input checked="" type="checkbox"/>	Possible leaks	<input type="checkbox"/> <input checked="" type="checkbox"/>
Condition of Drips (N/A) Good <input type="checkbox"/> Poor <input type="checkbox"/>				Meter # _____	

Station #s 4" steel line on W. Washington that crosses east drain lateral is in good condition and is painted. 3" steel at 1st lateral east of PNM check meter has a gouge on the side. Most of line has polyken tape but should be sand blasted and painted whenever the water level permits

Aerial Conditions:

Weather conditions: _____
 Average altitude: _____
 Average speed: _____
 Time of day at take off: _____ Time of day at landing: _____ Direction of flight: _____

Dead vegetation along right-of-way	Yes <input type="checkbox"/> No <input type="checkbox"/>	Was right-of-way photographed ?	Yes <input type="checkbox"/> No <input type="checkbox"/>
Dead vegetation at railroad/highway crossings	<input type="checkbox"/> <input type="checkbox"/>	Was right-of-way videotaped ?	<input type="checkbox"/> <input type="checkbox"/>

Changes in Population Density:

Location:	Type Structure/Area	Estimated Occupancy
Station Number _____	<input type="checkbox"/> House/Trailer	<input type="checkbox"/> Single family
Blk/Lea. _____ Sec/Lab _____	<input type="checkbox"/> Business/apartments	<input type="checkbox"/> Less than 20 persons
Survey _____	<input type="checkbox"/> Other	<input type="checkbox"/> 20 persons or more
Distance to line _____	Explain other: _____	

Signature: Oscar Phillips



Pipeline Condition Report

ONEOK Co OkTex Pipeline Company, L.L.C. District Permian
 Line No: _____ Line Name: Norteno # 5 Date 12/5/2006
 Block CAMUNDY Section 247 Survey W.D. Marsh
 League _____ Labor _____ County EL Paso State Texas
 Latitude N32 0.069 Longitude W106 36.263 Elevation 2895 FT Tracking # _____

TYPE OF CONSTRUCTION:

Bare Steel Coated Steel Welded Threaded Dresser Coupled
 Type of Coating: FBE Coating Condition: Good adhesion Loose Disbonded

Remarks of Pipe Condition:

External: Excellent Good Pitted Poor Other: _____
 Internal: Excellent Good Pitted Poor Other: _____

Corrosion Data:

	External	Internal
Extent of Corrosion (Negligible, Slight, Medium, Severe):	<u>N/A</u>	_____
Type of Corrosion (General or Pitting):	<u>N/A</u>	_____
Location of Corrosion (Top, Bottom, Sides, All over):	<u>N/A</u>	_____

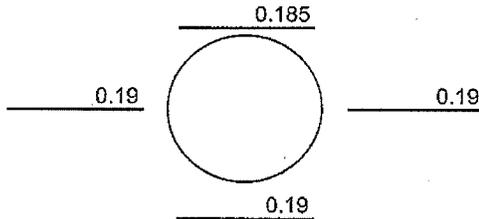
Pitting Characteristics:	External		Internal		Pipe Scale:	
	External	Internal	External	Internal	External	Internal
Deepest Pit	<u>N/A</u> Mils	_____ Mils	Wet or Dry	<u>N/A</u>	_____	_____
Average Depth	<u>N/A</u> Mils	_____ Mils	Hard or Soft	<u>N/A</u>	_____	_____
Widest Pit	<u>N/A</u> Inches	_____ Inches				
Average Width	<u>N/A</u> Inches	_____ Inches				
Length of Corroded Pipe	<u>N/A</u> Feet	_____ Feet				

Was there a leak at this Location? No Yes If Yes, choose type of leak below:

Corrosion (was Corrosion Department notified?) Yes No
 Damage by Outside Force Third Party Construction Defect Material Failure
 Other: Pipeline Replacement in RR Casing Pictures 1 - 57

Bell Hole and Ultrasonic Tester:

Carrier Pipe Size: 4" Grade: X-42 Wall Thickness: 0.188 Pipe Mfg: _____
 Instrument: Make CYGNUS Model 4 Serial Number 748

UT Readings:

Pipe to Soil Readings: -1.297
 Soil pH: 360MV (4.8PH)
 Soil Resistivity: 60 K ohms/cc
 Depth of Cover: 54"E - 84" W Ft/inches

Remarks:

Dug each side of casing out at FM 1905 and Main St on SW Corner. On the west side casing was very deep. Used shoring equip. Blowed down line cut line with cold cutters. Inserted new 4" pipe that was pressured tested to 98 psi for 4 hours above ground. Jeeped coating repaired jeeps with Tape Coat M50RC with Primer. Installed plastic casing spacers 5 feet apart on 4" pipe. (PAGE 2)

Completed By: Mark willis Date: 12/7/2006

Coat M50 RC with Primer. Tied-In on east side and west side of RR Tracks. Had B&H Welder tie-in on east side and TGS Welder Paul tie-in on west side due to close quarters. After tying in new pipe to old pipe. I checked for shorted casing. All was clear. The line was purged and pressured back up to specs. The field welds were soaped to check for leaks in welds. The field welds were taped with Tape Coat M50 RC with Primer. The area was backfilled and wacker packed on the east and west sides to TXDots standards. We poured 2 sack concrete in the asphalt area. Asphalt will be repaired by Seal Rite in the following weeks. The area to 2 sack and asphalt is 2' x 13' x 1' deep. All paper work and pictures have been filed.



**HYDRO TEST MAP
FOR DATA VALIDATION**



1 inch equals 450 feet

*Street data is for reference only and
May not be accurate or current

Legend

TEST
 Test 1

Line: 38 MNT05-1
 Name: Norteno 5
 Team:
 Date: 4/10/2008