# PIPELINE QUALIFICATION RECORD

1. Pipeline
   Line Number: 38 BNT04A-100
   Orig. Appro. #
   Line Name: Norteno #4 Gillette Rd.
   Description of Location: Gillette Rd. Lateral, near Canutillo, Texas in El Paso County, Texas and Dona Ana County, New Mexico

2. Pipe
   Design Code: DOT Part 192
   Corrosion Allowance: None

<table>
<thead>
<tr>
<th>Size</th>
<th>Eff. Wall Thickness</th>
<th>Grade</th>
<th>SMYS</th>
<th>Class Loc.</th>
<th>Design Factor</th>
<th>Max Design Press.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.375&quot;</td>
<td>.125&quot;</td>
<td>Unknown</td>
<td>2,526</td>
<td>3</td>
<td>.5</td>
<td>1,263</td>
</tr>
<tr>
<td>(24,000)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3. Components
   Valves: 150 # ANSI
   Max. W. P.: 275 psig
   Fittings: 150 # ANSI
   Max. W. P.: 275 psig
   Vessels: # ANSI
   Max. W. P.: psig
   Other: # ANSI
   Max. W. P.: psig

4. Construction
   Completed, month and year: 1991
   Type of weld inspection:
   No. welds X-rayed:
   No. Repairs:
   % X-rayed:

   Type of Coating: Coal Tar
   Method of Cathodic Protection: Anodes
   No. of test stations:

5. Pressure test
   Test Section: Gillette Rd. Lateral
   Date: 11/6/07
   Test Pressure: 156 psig
   Duration: 1 Hours
   Failures: None

   Test Section:
   Date:
   Test Pressure:
   Duration:
   Failures:

   Test Section:
   Date:
   Test Pressure:
   Duration:
   Failures:

6. Qualification Data
   Max. O. P. Pipe: 1,263 psig
   Components: 275 psig, Test: 104 psig
   Max. actual press. (5 yrs. prior July 1, 1970): N/A
   MAX. ALLOW. OPER. PRESSURE (MAOP): 104 psig
**PIPELINE QUALIFICATION RECORD**

1. **Pipeline**
   - Line Number: 38 BNT04B-100
   - Orig. Appro. #
   - Line Name: Norteno #4 Gato Rd.
   - Description of Location: Gato Rd. Lateral, near Canutillo, Texas in El Paso County, Texas

2. **Pipe**
   - **Design Code:**
     - DOT Part 192
     - Corrosion Allowance: None
   - **Size**
     - Eff. Wall Thickness
     - Grade
     - SMYS
     - Class Loc.
     - Design Factor
     - Max Design Press.
   - 2.375" 0.125" Unknown 2,526 3 .5 1,263 (24,000)

3. **Components**
   - **Valves**
     - 150 # ANSI
     - Max. W. P. 275 psig
   - **Fittings**
     - 150 # ANSI
     - Max. W. P. 275 psig
   - **Vessels**
     - # ANSI
     - Max. W. P. psig
   - **Other**
     - # ANSI
     - Max. W. P. psig

4. **Construction**
   - Completed, month and year: 1991
   - Type of weld inspection
   - No. welds X-rayed
   - No. Repairs
   - % X-rayed
   - Type of Coating: Coal Tar
   - Method of Cathodic Protection: Anodes
   - No. of test stations

5. **Pressure Test**
   - **Test Section:** Gillette Rd. Lateral
   - **Date:** 11/6/07
   - **Test Pressure:** 156 psig
   - **Duration:** 1 Hours
   - **Failures:** None

   **Test Section:**
   - **Date:**
   - **Test Pressure:** psig
   - **Duration:** Hours
   - **Failures:**

   **Test Section:**
   - **Date:**
   - **Test Pressure:** psig
   - **Duration:** Hours
   - **Failures:**

6. **Qualification Data**
   - Max. O. P. Pipe: 1,263 psig
   - Components: psig
   - Test: 275 psig
   - 104 psig
   - Max. actual press. (5 yrs. prior July 1, 1970): N/A psig
   - MAX. ALLOW. OPER. PRESSURE (MAOP): 104 psig
**PIPELINE QUALIFICATION RECORD**

1. **Pipeline**
   - Line Number: 38 MNT04-1 (1 of 2)
   - Orig. Appro. #
   - Line Name: Norteno #4
   - Description of Location: El Paso Delivery Point to Canutillo Delivery Point; near Canutillo, Texas in El Paso County, Texas

2. **Pipe**
   - Design Code: DOT Part 192
   - Corrosion Allowance: None
   - Size | Eff. Wall Thickness | Grade | SMYS | Class Loc. | Design Factor | Max Design Press. |
   - 6.625" | .188" | B | 1,986 | 1 | .72 | 1,430 |
   - 4.5" | .141" | Unknown | 1,504 | 1 | .72 | 1,083 |
   - 4.5" | .141" | Unknown | 1,504 | 3 | .5 | 752 |
   - (24,000) |

3. **Components**
   - Valves | 300 | # ANSI | Max. W. P. | 720 | psig |
   - Fittings | 300 | # ANSI | Max. W. P. | 720 | psig |
   - Vessels | # ANSI | Max. W. P. | 720 | psig |
   - Other | # ANSI | Max. W. P. | 720 | psig |

4. **Construction**
   - Completed, month and year: 6" - 1983; 4" - 1967
   - Type of weld inspection: 
   - No. welds X-rayed: 
   - No. Repairs: 
   - % X-rayed: 
   - Type of Coating: Coal Tar
   - Method of Cathodic Protection: Anodes
   - No. of test stations: 

5. **Pressure test**
   - Test Section: El Paso Delivery Point to Canutillo Delivery Point
   - Date: 11/8/07
   - Test Pressure: 378 psig
   - Fluid: Gas
   - Class: 1 & 3
   - Duration: 1 Hours
   - Failures: None

   Test Section
   - Date
   - Test Pressure
   - Fluid
   - Class
   - Duration
   - Hours
   - Failures

6. **Qualification Data**
   - Max O. P. Pipe: 752 psig, Components: 720 psig, Test: 252 psig
   - Max. actual press. (5 yrs. prior July 1, 1970): N/A psig
   - MAX. ALLOW. OPER. PRESSURE (MAOP): 252 psig
## PIPELINE QUALIFICATION RECORD

1. Pipeline
   - Line Number: 38 MNT04-1 (2 of 2)
   - Orig. Appro. #
   - Line Name: Norteno #4
   - Description of Location: Canutillo Delivery Point to end of line: near Canutillo, Texas in El Paso County, Texas and Dona Ana County, New Mexico

2. Pipe
   - DOT Part 192
   - Corrosion Allowance: None
   - Design Code
   - Pipe Size | Eff. Wall Thickness | Grade | SMYS | Class Loc. | Design Factor | Max Design Press. |
   - 4.5" | .141" | Unknown | 1,504 | 3 | .5 | 752 |
   - 3.5" | .125" | Unknown | 1,714 | 3 | .5 | 857 |

3. Components
   - Valves
     - # ANSI: 150
     - Max. W. P.: 275 psig
   - Fittings
     - # ANSI: 150
     - Max. W. P.: 275 psig
   - Vessels
     - # ANSI
     - Max. W. P.
   - Other
     - # ANSI
     - Max. W. P.

4. Construction
   - Completed, month and year: 4" - 1967; 3" - 1966
   - Type of weld inspection
   - No. welds X-rayed
   - % X-rayed
   - Type of Coating: Coal Tar
   - Method of Cathodic Protection: Anodes
   - No. of test stations

5. Pressure test
   - Test Section: Canutillo Delivery Point to end of line
   - Date: 11/6/07
   - Fluid
   - Gas
   - Class: 3
   - Test Pressure: 156 psig
   - Duration: 1 Hour
   - Failures: None

   - Test Section
     - Date
     - Fluid
     - Class
     - Test Pressure
     - Duration
     - Hours
     - Failures

6. Qualification Data
   - Max O. P. Pipe: 752 psig, Components 275 psig, Test 104 psig
   - Max. actual press. (5 yrs. prior July 1, 1970): N/A
   - MAX. ALLOW. OPER. PRESSURE (MAOP): 104 psig
ONEOK GAS TRANSPORTATION, L.L.C.
REPORT OF PIPELINE PRESSURE TEST
(For Pipelines to Operate Above 60 PSIG)

Line Name: Norhome #4  Test Medium: Water  Gas  X  Air
Job Order Number:  Region: Permian
Location: Section  Twp.  Rge.  To: Section  Twp.  Rge.
Design Pressure: 1430/1883 PSIG  MAOP: 250 PSIG  OGT Pre-Test #: PT-0713

PIPE SPECIFICATIONS
(Material to be tested)

<table>
<thead>
<tr>
<th>Size</th>
<th>Weight</th>
<th>Grade</th>
<th>Class Location</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.625&quot;</td>
<td>180&quot;</td>
<td>B</td>
<td>1</td>
<td>3,316-feet</td>
</tr>
<tr>
<td>4.50&quot;</td>
<td>150&quot;</td>
<td>Unknown</td>
<td>1.41&quot;</td>
<td>3,811-feet</td>
</tr>
</tbody>
</table>

Pressure required to produce Hoop Stress of 100% SMYS

- 6.625": 1981 psi
- 4.50": 1787 psi

Pressure required to produce Hoop Stress of 90% SMYS

- 6.625": 1504 psi
- 4.50": 1354 psi

Fittings:
Maximum ratings of flanges: ANSI 300
Maximum ratings of valves: PSIG 720

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

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

Location of Gauges:
Section  Twp.  Rge.  Elevation
- Initial Pressure
- Initial Temp.

Test:
(Time and Date)  (Time and Date)

Remarks:
Gauges & charts were located at both ends of this pipe segment being tested.
Start: Latitude: North 31°54.77'; Longitude: West 104°38.36'; Elevation: 4103'
End: Latitude: North 31°54.86'; Longitude: West 104°38.54'; Elevation: 3211'

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

Date: 12-18-07  (Signature)

(Note: Consult O & M Procedure 412 for standard testing)
### E.P.N.G. Take-off H.P. Pressure Test Log

<table>
<thead>
<tr>
<th>Deadweight</th>
<th>Time</th>
<th>Temp.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>190</td>
<td>9:00</td>
<td>87</td>
<td></td>
</tr>
<tr>
<td>250</td>
<td>9:15</td>
<td>82</td>
<td></td>
</tr>
<tr>
<td>306</td>
<td>9:30</td>
<td>69</td>
<td></td>
</tr>
<tr>
<td>306</td>
<td>9:45</td>
<td>69</td>
<td></td>
</tr>
<tr>
<td>306</td>
<td>10:00</td>
<td>68</td>
<td></td>
</tr>
<tr>
<td>327</td>
<td>10:15</td>
<td>72</td>
<td></td>
</tr>
<tr>
<td>379</td>
<td>10:30</td>
<td>78</td>
<td></td>
</tr>
<tr>
<td>379</td>
<td>10:45</td>
<td>79</td>
<td></td>
</tr>
<tr>
<td>378</td>
<td>11:00</td>
<td>81</td>
<td></td>
</tr>
<tr>
<td>378</td>
<td>11:15</td>
<td>82</td>
<td></td>
</tr>
<tr>
<td>378</td>
<td>11:30</td>
<td>84</td>
<td></td>
</tr>
<tr>
<td>275</td>
<td>11:45</td>
<td>86</td>
<td></td>
</tr>
<tr>
<td>292</td>
<td>12:00</td>
<td>104</td>
<td></td>
</tr>
<tr>
<td>190</td>
<td>12:15</td>
<td>112</td>
<td></td>
</tr>
<tr>
<td>190</td>
<td>12:30</td>
<td>121</td>
<td></td>
</tr>
<tr>
<td>190</td>
<td>12:45</td>
<td>123</td>
<td></td>
</tr>
<tr>
<td>190</td>
<td>13:00</td>
<td>122</td>
<td></td>
</tr>
</tbody>
</table>

Comments on Testing, or Additional Pipe, Fitting, Valve, Flange, etc., Descriptions
ONEOK GAS TRANSPORTATION, L.L.C.

REPORT OF PIPELINE PRESSURE TEST
(For Pipelines to Operate Above 60 PSIG)

Line Name: Norkeno #4  Test Medium: Water Gas X Air
Job Order Number: Region: Permian
Location: Section Twp. Rge. To: Section Twp. Rge.
Design Pressure: 752/857 PSIG  MAOP: 100 PSIG OGT Pre-Test #: PT-0714

PIPE SPECIFICATIONS (Material to be tested)

Size 4.50" Weight 141 lb Grade Unknown

Class Location: 3 Quantity: 6,032 ft
Pressure required to produce Hoop Stress of 100% SMYS 1504

Size 3.50" Weight 126 lb Grade Unknown

Class Location: 3 Quantity: 2,687 ft
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: % SMYS

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

Location of Pumps: N/A Section Twp. Rge. Elevation

Initial Pressure
Initial Temp.

Final Pressure
Final Temp.

Location of Gauges/Charts Section Twp. Rge. Elevation

Initial Pressure
Initial Temp.

Final Pressure
Final Temp.

Test:

Started: 10:00 am - 11/06/2007
Ended: 11:00 am - 11/06/2007

Remarks: Gauges & charts were located at both ends of this pipe segment being tested.
Start: Latitude: North 31°54.86'; Longitude: West 106°33.54'; Elevation: 3111'
End: Latitude: North 31°56.00'; Longitude: West 106°37.82'; Elevation: 3215'

Name: Tim Smith Title: Manager- Permian District

Date: 12-18-07

(Note: Consult O & M Procedure 412 for standard testing)
ONEOK GAS TRANSPORTATION, L.L.C.
REPORT OF PIPELINE PRESSURE TEST
(For Pipelines to Operate Above 60 PSIG)

Line Name: Nocato No. 4

Test Medium: Gas

Job Order Number:

Location: Section Twp. Rge. To: Section Twp. Rge.

Design Pressure: 1263 PSIG

MAOP: 100 PSIG

OGT Pre-Test #: PT-0714

PIPE SPECIFICATIONS
(Material to be tested)

Size: 2.375" Weight: 125 lb
Grade: Unknown

Class Location: B
Quantity: 375 ft

Pressure required to produce Hoop Stress of 100% SMYS: 2526

Pressure required to produce Hoop Stress of 90% SMYS: 2273

Class Location:

Quantity:

Pressure required to produce Hoop Stress of 100% SMYS:

Pressure required to produce Hoop Stress of 90% SMYS:

Fittings:

Maximum ratings of flanges: ANSI 150

Maximum ratings of valves: 275

Maximum Elevation: N/A

Pressure: N/A PSIG

Minimum Elevation: N/A

Pressure: N/A PSIG

Location of Pumps: N/A

Initial Pressure

Initial Temp.

Location of Gauges:

Section Twp. Rge. Elevation

Initial Pressure

Initial Temp.

Final Pressure

Final Temp.

Test:

Started: 10:00 am - 11/06/2007

Ended: 11:00 am - 11/06/2007

(Time and Date)

Remarks:

Gauges & charts were located at both ends of this pipe segment being tested.

Start: Latitude: North 31°54.76'; Longitude: West 106°35.34'; Elevation: 3711'

End: Latitude: North 31°55.00'; Longitude: West 106°37.22'; Elevation: 3315'

Name: Tim Smith

Title: Manager - Permian District

Date: 12-18-07

(Signature)

(Note: Consult O & M Procedure 412 for standard testing)
## Pressure Test Log

**Report No.: OK Tex-Monto # 4**

<table>
<thead>
<tr>
<th>Deadweight</th>
<th>Time</th>
<th>Temp.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>70</td>
<td>8:30</td>
<td>63</td>
<td></td>
</tr>
<tr>
<td>70</td>
<td>8:45</td>
<td>65</td>
<td></td>
</tr>
<tr>
<td>122</td>
<td>9:00</td>
<td>69</td>
<td></td>
</tr>
<tr>
<td>122</td>
<td>9:15</td>
<td>78</td>
<td></td>
</tr>
<tr>
<td>122</td>
<td>9:30</td>
<td>79</td>
<td></td>
</tr>
<tr>
<td>128</td>
<td>9:45</td>
<td>82</td>
<td></td>
</tr>
<tr>
<td>156</td>
<td>10:00</td>
<td>83</td>
<td></td>
</tr>
<tr>
<td>156</td>
<td>10:15</td>
<td>83</td>
<td></td>
</tr>
<tr>
<td>156</td>
<td>10:30</td>
<td>83</td>
<td></td>
</tr>
<tr>
<td>156</td>
<td>10:45</td>
<td>86</td>
<td></td>
</tr>
<tr>
<td>156</td>
<td>11:00</td>
<td>89</td>
<td></td>
</tr>
<tr>
<td>117</td>
<td>11:15</td>
<td>93</td>
<td></td>
</tr>
<tr>
<td>100</td>
<td>11:30</td>
<td>92</td>
<td></td>
</tr>
<tr>
<td>100</td>
<td>11:45</td>
<td>97</td>
<td></td>
</tr>
<tr>
<td>100</td>
<td>12:00</td>
<td>97</td>
<td></td>
</tr>
</tbody>
</table>

**Comments on Testing, or Additional Pipe, Fitting, Valve, Flange, etc., Descriptions**
Line Patrol Report

Line No: ________ Line Name: Norteno #4 (Canutillo) Date: 5/27/2007
Block ________ Section ________ Survey ________
League ________ Labor ________ County El Paso ________ State Texas ________ Tracking # Norteno #4 5/13/07

Type of Patrol: Leak Survey & Patrol from EPNG Take-off to fence corner at school
Aerial [ ] Ground [X] Class 1 Locations [X] Hwy and RR Crossings [ ]

Type of gas detections equip. used: CGI [X] Flame ionization [ ]

Used Gas Detection Equipment [X]
Serial # 45189

Class 1 GPS Start: Latitude 31 54.77 N Longitude 106 33.60 W
Elevation 4103

Class 1 GPS Finish: Latitude 31 54.86 N Longitude 106 35.54 W
Elevation 3811

Leaks Found? Yes [ ] No [X] List leaks below:
Station # Location (Blk, Sec, Survey) Tracking #’s
1. ________
2. ________
3. ________

Line Condition

Atmospheric Corrosion [ ] Yes [X] No [ ] New construction in area [X] Yes [ ] No [ ]

Pipeline Markers Adequate [X] [ ] C.P. Test station adequate [X] [ ] Supports adequate [X] [ ]

Paint Adequate [X] [ ] Possible hazards [ ] [X] Fence conditions adequate [ ] [X]

Insulating Sets Need Repair [X] [ ] Erosion/Sunken ditches [X] [ ] Pipeline vents adequate [X] [ ]

Condition of Drips (N/A) Good [ ] Poor [ ] Possible leaks [ ]

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 [X] [ ] Was right-of-way photographed? [X] [ ]

Dead vegetation at railroad/highway crossings [ ] [X] Was right-of-way videotaped? [X] [ ]

Changes in Population Density:

Location:

Station Number ________

Blk/Lea. ________ Sec/Lab ________ Survey ________

Distance to line ________

Type Structure/Area

[ ] House/Trailer

[ ] Business/apartments

[ ] Other

Estimated Occupancy

[ ] Single family

[ ] Less than 20 persons

[ ] 20 persons or more

Explain other:

Signature: Tony Jacquez (CTG5)
Line No: __________ Line Name: Norteno #4 (Canutillo) __________ Date: 8/27/2007
Block __________ Section __________ Survey __________
League __________ Labor __________ County El Paso __________ State Texas __________
Latitude __________ Longitude __________ Elevation __________ Tracking # Norteno #4 8/13/2007

Type of Patrol: Class 3 Leak Survey from fence corner at school to PNM Check Meters
Aerial [ ] Ground [X] Class 3 Locations [X] Hwy and RR Crossings [ ] Used Gas Detection Equipment [X]
Type of gas detections equip. used: CGI [X] Flame Ionization [ ] Serial # __________
Class 3 GPS Start: Latitude 31 54.86 N __________ Longitude 106 35.54 W __________ Elevation 3811
Class 3 GPS Finish: Latitude 31 55.00 N __________ Longitude 106 37.22 W __________ Elevation 3815
Leaks Found? [ ] Yes [X] No [ ] List leaks below:
Station # Location (Blk, Sec, Survey) __________ Tracking # [ ]
1) __________ __________ __________ __________
2) __________ __________ __________ __________
3) __________ __________ __________ __________

Line Condition

<table>
<thead>
<tr>
<th>Atmospheric Corrosion</th>
<th>Yes</th>
<th>No</th>
<th>New construction in area</th>
<th>Yes</th>
<th>No</th>
<th>Supports adequate</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pipeline Markers Adequate</td>
<td>[X]</td>
<td></td>
<td>C.P. Test station adequate</td>
<td>[X]</td>
<td></td>
<td>Fence conditions adequate</td>
<td>[X]</td>
<td></td>
</tr>
<tr>
<td>Paint Adequate</td>
<td>[X]</td>
<td></td>
<td>Possible hazards</td>
<td>[X]</td>
<td></td>
<td>Pipeline vents adequate</td>
<td>[X]</td>
<td></td>
</tr>
<tr>
<td>Insulating Sets-Need Repair</td>
<td>[X]</td>
<td></td>
<td>Erosion/Sunken ditches</td>
<td>[X]</td>
<td></td>
<td>Possible leaks</td>
<td>[X]</td>
<td></td>
</tr>
<tr>
<td>Condition of Drips (N/A) Good</td>
<td>[ ]</td>
<td></td>
<td>Poor</td>
<td>[X]</td>
<td></td>
<td>Meter # __________</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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 [ ] [X] Was right-of-way photographed? [ ] [X]
Dead vegetation at railroad/highway crossings [ ] [X] Was right-of-way videotaped? [ ] [X]

Changes in Population Density:
Location:
Station Number __________
Blk/Lc. __________ Sec/Lab __________
Survey __________
Distance to line __________

Type Structure/Area
[ ] House/Trailer
[ ] Business/apartments
[ ] Other
[ ] Less than 20 persons
[ ] 20 persons or more

Estimated Occupancy

Explain other: __________

Signature: Tony Jacquez (TGS)
Line Patrol Report

Line No: Line Name: Norteno # 4 (Canutillo) Date: 8/27/2007

Block Section Survey
League Labor County El Paso State Texas
Latitude Longitude Elevation Tracking # Norteno # 4 8/20/07

Type of Patrol: Class 3 Patrol only from fence corner at school to PNM Check Meters
Aerial [ ] Ground [x] Class 3 Locations [x] Hwy and RR Crossings [ ] Used Gas Detection Equipment [ ]
Type of gas detections equip. used: CGI [ ] Flame Ionization [ ] Serial #
Class 3 GPS Start: Latitude 31 54.86 N Longitude 106 35.54 W Elevation 3811
Class 3 GPS Finish: Latitude 31 55.00 N Longitude 106 37.22 W Elevation 3815
Leaks Found? Yes [ ] No [x] List leaks below:
Station # Location (Blk, Sec, Survey) Tracking #’s
1). ___________________ ___________________ ___________________
2). ___________________ ___________________ ___________________
3). ___________________ ___________________ ___________________

Line Condition

Atmospheric Corrosion [ ] Yes [x] No New construction in area [x] Yes [ ] No Supports adequate [x] [ ]
Pipeline Markers Adequate [x] [ ] C.P. Test station adequate [x] [ ] Fence conditions adequate [x] [ ]
Paint Adequate [x] [ ] Possible hazards [ ] [x] Pipeline vents adequate [x] [ ]
Insulating Sets Need Repair [x] [ ] Erosion/Sunken ditches [x] [ ] Possible leaks [ ] [x]
Condition of Drips (N/A) Good [ ] Poor [ ]
Meter # ___________________

Station #’s 3” steel main on FM 259 that crosses the Canutillo Lateral, has some torn polyken tape and cracked coating.
It should be sand blasted and painted whenever the water level permits. The main crossing at the Rio Grande River is in good condition and is painted.

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 [x] No [ ] Was right-of-way photographed? Yes [x] No [ ]
Dead vegetation at railroad/highway crossings [ ] [ ] Was right-of-way videotaped? [ ] [x]

Changes in Population Density:
Location:
Station Number ___________________
Blk/Lea. ______ Sec/Lab ______
Survey ___________________ Distance to line _______

Type Structure/Area
[ ] House/Trailer
[ ] Business/apartments
[ ] Other

Estimated Occupancy
Single family
Less than 20 persons
20 persons or more

Explain other: ___________________

Signature: Oscar Phillips
**Pipeline Condition Report**

**ONEOK Co.**

**OkTex**

**District**

- **Line No:**
- **Line Name:** NORTE NO # 4 (CANUTILLO)
- **Date:** 10/23/2007

**Block**

- **Section:**
- **Survey:**
- **County:** EL PASO
- **State:** Texas
- **Latitude:** 31°54.45'N
- **Longitude:** 106°33.93'W
- **Elevation:** 4076
- **Tracking #:**

**TYPE OF CONSTRUCTION:**

- **Bare Steel:**
- **Coated Steel:**
- **Welded:**
- **Threaded:**
- **Dressar Coupled:**
- **Type of Coating:** FELT WRAP - COAL TAR

**Remarks of Pipe Condition:**

- **External:**
  - Excellent
  - Good
  - Pitted
  - Poor
  - Other:
- **Internal:**
  - Excellent
  - Good
  - Pitted
  - Poor
  - Other:

**Corrosion Data:**

- **External Extent of Corrosion (Negligible, Slight, Medium, Severe):** NONE
- **Internal Extent of Corrosion:**
- **Type of Corrosion (General or Pitting):**
- **Location of Corrosion (Top, Bottom, Sides, All over):**

**Pitting Characteristics:**

- **Deepest Pit:** N/A
- **Average Depth:** N/A
- **Widest Pit:** N/A
- **Average Width:** N/A
- **Length of Corroded Pipe:** N/A

**Pipe Scale:**

- **External Pipe Scale:** N/A
- **Internal Pipe Scale:** N/A

**Wet or Dry:**

- **External Wet or Dry:** N/A
- **Internal Wet or Dry:** N/A

**Hard or Soft:**

- **External Hard or Soft:** N/A
- **Internal Hard or Soft:** N/A

**Was there a leak at this Location?**

- **X 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

**Bell Hole and Ultrasonic Tester:**

- **Carrier Pipe Size:** 6'
- **Grade:** UNKNOWN
- **Wall Thickness:** 0.180
- **Pipe Mfg:** UNKNOWN
- **Instrument:** CYGNUS
- **Make:**
- **Model:** 4
- **Serial Number:** D433

**UT Readings:**

- **180**
- **185**
- **Pipe to Soil Readings:** -1.069V

**Soil pH:**

- **7.75**

**Soil Resistivity:**

- **100K ohms/cc**

**Depth of Cover:**

- **51 inches**

**Remarks:**

- Remarks:

**Completed By:**

- **Date:** 10/23/2007
- **Revised 5/7/02**
- **Signature:**

---

**KIG**
Pipeline Condition Report

ONEOK Co OkTex District El Paso
Line No: Line Name: NORTEDO 4A (CANUTILLO) Date 10/12/2007
Block Section Survey
League Labor County State Texas
Latitude 31°54.47'N Longitude 106°34.32'W Elevation 4005 Tracking #

TYPE OF CONSTRUCTION:
Bare Steel Coated Steel Welded Threaded Dresser Coupled
Type of Coating: FELT WRAP COAL TAR

Remarks of Pipe Condition:
External: Internal:
Excellent Good Pitted Poor Other

Corrosion Data:
Extent of Corrosion (Negligible, Slight, Medium, Severe):
Type of Corrosion (General or Pitting):
Location of Corrosion (Top, Bottom, Sides, All over):

Pitting Characteristics:
Deepest Pit Average Depth Widest Pit
External Internal External Internal
Mils Mils Inches Inches

Pipe Scale: External Internal
Wet or Dry Hard or Soft

Was there a leak at this Location?
Yes No
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

Bell Hole and Ultrasonic Tester:
Carrier Pipe Size: 6"
Grade: UNKNOWN Wall Thickness: 0.180 Pipe Mfg: UNKNOWN
Instrument: Make CYGNO5 Model 4 Serial Number 0433

UT Readings:

Pipe to Soil Readings: -1.077
Soil pH: 8.25
Soil Resistivity: 65K ohms/cc
Depth of Cover: 36 ft/Inches

Remarks:

Completed By: Date: 10/23/2007

Revised 5/7/02
Pipeline Condition Report

ONEOK Co.  OkTex  District  El Paso

Line No:  Line Name: RANTEXD No. 7 (CAMUDELLO)  Date: 10/24/07

Block  Section  Survey
League  Labor  County  El Paso  State  Texas
Latitude  Longitude  Elevation  Tracking #
31° 54.52'  106° 35.19'W  3884

TYPE OF CONSTRUCTION:
Bare Steel  Coated Steel  Welded  Threaded  Dresser Coupled

Type of Coating: FEATH WRAP COAL TAR

Remarks of Pipe Condition:
External:  [ ] Excellent  [ ] Good  [ ] Pitted  [ ] Poor  [ ] Other:
Internal:  [ ] Excellent  [ ] Good  [ ] Pitted  [ ] Poor  [ ] Other:

Corrosion Data:
Extent of Corrosion (Negligible, Light, Medium, Severe):

Type of Corrosion (General or Pitting):

Location of Corrosion (Top, Bottom, Sides, All over):

Pitting Characteristics:  External  Internal

Deepest Pit  N/A Mils  N/A Mils
Average Depth  N/A Mils  N/A Mils
Widest Pit  N/A Inches  N/A Inches
Average Width  N/A Inches  N/A Inches
Length of Corroded Pipe  N/A Feet  N/A Feet

Pipe Scale:  External  Internal

Wet or Dry  N/A  N/A
Hard or Soft  N/A  N/A

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:

Bell Hole and Ultrasonic Tester:
Carrier Pipe Size:  4"  Grade: UNKNOWN  Wall Thickness:  0.185
Instrument:  Make: CYGUS  Model: E  Serial Number: 0433

UT Readings:

Pipe to Soil Readings:  -1.081 V

Soil pH:  7.75

Soil Resistivity:  50 K ohms/cc

Depth of Cover:  38  Feet

Remarks:

Completed By:  [Signature] Date: 10/24/07

Revised 5/7/02  KJG
# Pipeline Condition Report

**ONEOK Co.**

**District**: El Paso

**Line No.**: ________

**Line Name**: NORTENO #4 (CANUTILLO)

**Survey**: ________

**Date**: 10/24/07

**Block**: ________

**Section**: ________

**League**: ________

**Labor**: ________

**County**: ELPASO

**State**: Texas

**Latitude**: 31° 54.54' N

**Longitude**: 106° 35.94' W

**Elevation**: 3810

**Tracking #**: ________

## TYPE OF CONSTRUCTION:

- **Bare Steel**: [ ]
- **Coated Steel**: [ ]
- **Welded**: [ ]
- **Threaded**: [ ]
- **Dresser Coupled**: [ ]

**Type of Coating**: FEEL WRAP - COAL TAR

## Remarks of Pipe Condition:

- **External**: [ ]
  - Excellent
  - Good
  - Pitted
  - Poor
  - Other:

- **Internal**: [ ]
  - Excellent
  - Good
  - Pitted
  - Poor
  - Other:

## Corrosion Data:

- **Extent of Corrosion (Negligible, Slight, Medium, Severe)**: N/A

- **Type of Corrosion (General or Pitting)**: N/A

- **Location of Corrosion (Top, Bottom, Sides, All over)**: N/A

## Pitting Characteristics:

- **Deepest Pit**: N/A Mils
- **Average Depth**: N/A Mils
- **Widest Pit**: N/A Inches
- **Average Width**: N/A Inches
- **Length of Corroded Pipe**: N/A Feet

## Was there a leak at this Location?

- **Yes**: [ ]
- **No**: [ ]

If Yes, choose type of leak below:

- **Corrosion (was Corrosion Department notified?)**: [ ]
- **Yes**: [ ]
- **No**: [ ]

- **Damage by Outside Force**: [ ]
- **Third Party**: [ ]
- **Construction Defect**: [ ]
- **Material Failure**: [ ]

## Bell Hole and Ultrasonic Tester:

- **Carrier Pipe Size**: 4
- **Grade**: UNKNOWN
- **Wall Thickness**: .185
- **Pipe Mfg**: UNKNOWN

- **Instrument**: Make: C7GNS
- **Model**: A
- **Serial Number**: 0933

## UT Readings:

- **A**: 1.85
- **N**: .185

## Pipe to Soil Readings:

- **Soil pH**: 7.75
- **Soil Resistivity**: 4.5 k ohms/cc
- **Depth of Cover**: 42 inches

## Remarks:

- [ ]

**Completed By**: [Signature]

**Date**: 10/24/07

**Revised 5/7/02**

**KJG**
<table>
<thead>
<tr>
<th>Inspection Date</th>
<th>T.S. #</th>
<th>OkTex P/S</th>
<th>Foreign P/S</th>
<th>Amps returning to OkTex</th>
<th>Amps returning to foreign</th>
<th>Casing P/S</th>
<th>Remarks</th>
<th>Checked by</th>
</tr>
</thead>
<tbody>
<tr>
<td>8/28/2007</td>
<td>1</td>
<td>1.029</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>O. Phillips</td>
</tr>
<tr>
<td>8/28/2007</td>
<td>2</td>
<td>1.100</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>O. Phillips</td>
</tr>
<tr>
<td>8/28/2007</td>
<td>3</td>
<td>1.224</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>O. Phillips</td>
</tr>
<tr>
<td>8/28/2007</td>
<td>4</td>
<td>1.164</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>O. Phillips</td>
</tr>
<tr>
<td>8/28/2007</td>
<td>5</td>
<td>1.077</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>O. Phillips</td>
</tr>
<tr>
<td>8/28/2007</td>
<td>6</td>
<td>0.965</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>O. Phillips</td>
</tr>
<tr>
<td>8/28/2007</td>
<td>7</td>
<td>1.321</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>7218 Gillette @ check meter</td>
<td>O. Phillips</td>
</tr>
<tr>
<td>8/28/2007</td>
<td>8</td>
<td>0.974</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1109 FM 259</td>
<td>O. Phillips</td>
</tr>
<tr>
<td>8/28/2007</td>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0.233</td>
<td>Casing west of R.R., Tracks on FM 259</td>
<td>O. Phillips</td>
</tr>
</tbody>
</table>

Norteno #4 (Canutillo) - 4" Line from take-off at EPNG to New Mexico State Line