




MOBIL PIPE LINE COMPANY

HYDROSTATIC PRESSURE TEST


647 Miles / 20" Crude Pipe Line, Patoka, IL to Corsicana, TX

Test Section 21

Foreman, AR



MP 160.62 - MP 166.54



March 3, 2006

Memorandum

Date: 4/28/06

Subject: Hydrotest Review & Endorsement

To: <Hydrotest Report and HCA
Baseline Assessment File>

cc: <>

From: <Chris Gorman>

I've completed the review of the hydrostatic test report for Test Section - 21 (H21) for the Corsicana to Patoka Crude Line. It is consistent with my knowledge of the testing operations and facility and confirms we had a good test. The hydrotest and report documentation are accurate and thorough and will satisfy our needs for Data Integration, Risk & Threat Analysis, and Preventive & Mitigative Measures Analysis needed to comply with the HCA regulations and the testing requirements of DOT CFR Title 49, Part 195, Subpart E.



Chris D. Gorman
Pipeline Risk & Integrity Specialist
ExxonMobil Pipeline Company
1604 South 15th St.
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MOBIL PIPE LINE COMPANY

647 Miles /20" Crude Line, Patoka, IL to Corsicana, TX
Test Section 21 MP 160.62 - MP 166.54

Date and Time:

March 3, 2006, from 9:15 AM to 1:15PM. - (Strength Test)

March 3, 2006, from 2:30 PM to 6:30 PM. - (Leak Test)

Facility Tested:

The test section consisted of 5.92 miles of 20" x 0.312" w.t., X-42 ERW pipe

Personnel Present:

Conducted by: S.C. Hong- Test Engineer - BJ Process & Pipeline Services

Witnessed by: Ricky Boulware - EMPCO - Tech Lead

Procedure:

On March 2, 2006, the piping was filled with water and the air was allowed to bleed through 2" valves. The test section was filled with water by moving water from previously hydrotested sections. The test section was pressurized to approximately 700 psig with BJ's positive-displacement pump at a rate of 15 psi/minute, and was allowed to stabilize over night. The test manifold, pressure recorder, and deadweight tester were connected to the test section as shown in the attached sketch.

The test section was pressurized at a rate of 10 psi/minute to 830 psi (approximately 80% of strength test pressure) by injecting water at MP 160.58 with a positive-displacement pump. Pressurization was halted for approximately an hour while waiting for daylight and to allow for stabilization. The test section was then pressurized at a rate of 5 Psi/mm to test pressure of 1033 Psi. The pressure stabilized at 8: 15 AM of March 3, 2006 at 1034 psi at the test point and the 4 hour strength test commenced. Once the 4 hour strength test is deemed successful, as per EMPCO instruction, the test pressure is reduced approximately 100 psi. The leak test pressure settled at 935 psi.

Conclusion:

The strength test started at 9:15 AM on March 3rd, 2006 and was held for 4 hours starting at a pressure of 1034 psi. Over the duration of the strength test, there was a pressure gain of 1.0 psi.

The leak test started at 2:30 PM on March 3rd, 2006 and was held for 4 hours starting at a pressure of 935 psi. Over the duration of the leak test, there was a pressure gain of 1.0 psi. At this point the leak test was deemed successful

The pressure trends over the duration of the leak test are within the accuracy of the instrumentation or with in calculated fluctuations caused by temperature changes. The tests were deemed successful.

Therefore, in my judgment, this constitutes a valid pressure test meeting the requirements of the Department of Transportation Code of Federal Regulations Title 49, Part 195 Subpart E.

Samuel C. Hong
Testing Engineer
BJ Process & Pipeline Services

CERTIFICATION OF PIPE LINE HYDROSTATIC PRESSURE TEST

CARRIER NAME Mobil Pipeline CompanyTESTING COMPANY NAME BJ Process & Pipeline ServicesPRESSURE TEST NUMBER Test Section 21 Strength Test DATE 3/3/2006

THIS IS TO CERTIFY THAT THE PIPE LINE OR PIPELINE SECTION DESCRIBED BELOW WAS HYDROSTATICALLY PRESSURE TESTED IN ACCORDANCE WITH THE FOLLOWING PROCEDURE:

PIPE LINE 20" Crude FROM Patoka, IL TO Corsicana, TXDESCRIPTION OF FACILITY TESTED Test Section 21 MP 160.62 - MP 166.54SECTION LENGTH 5.92 miles PIPE O.D. 20" WALL THICKNESS 0.312" GR. X-42 TYPE ERWLOCATION OF TEST PRESSURE RECORDER CONNECT MP 160.62 (See attached sketch)LOCATION OF TEMPERATURE RECORDER BULB MP 160.62 (See attached sketch)INITIAL PRESSURE AT POINT OF TEST 1034 psig TIME 9:15 AMINITIAL TEMPERATURE OF TEST SECT. 53.5 °F ELEV. AT POINT OF TEST 320 ft MSLINITIAL PRESSURE AT LOWEST ELEVATION POINT IN SECTION 1046.1 PSIG;ELEVATION 292 ft MSL; MP. 163.12 THE PRESSURE WAS MEASURED CALCULATEDINITIAL PRESSURE AT HIGHEST ELEVATION POINT IN SECTION 979.9 PSIG;ELEVATION 445 ft MSL; MP. 166.21 THE PRESSURE WAS MEASURED CALCULATEDFINAL PRESSURE AT POINT OF TEST 1035 PSIG TIME 1:15 PMFINAL TEMPERATURE OF TEST SECT. 53.9 °FTOTAL FLUID INJ. N/A GAL. TOTAL FLUID WITHDRAWN N/A GAL.NET CHANGE IN VOLUME OF THE TEST SECT. N/A GAL.LENGTH OF TEST 4 HRS. 0 MIN; TESTING FLUID Water SPEC GVTY. 1.00 TEMP. N/A °FINITIAL PRESSURE 79 % OF SMYS AT THE TEST SITE 75 % AT HIGH POINT 80 % AT LOW POINT.MINIMUM TEST PRESSURE DURING A SELECTED 4 HOUR PERIOD (TEST PRESSURE) 1034 PSIGMAXIMUM ALLOWABLE OPERATING PRESSURE 827 PSIG. at test site. BASED ON 80 % SMYS
OR 80% of minimum test pressure at test siteWERE THERE ANY LEAKS? YES NO; IF YES, EXPLAIN _____WAS EVERY COMPONENT THAT WILL BE SUBJECTED TO THE SYSTEM WORKING PRESSURE
HYDROSTATICALLY TESTED? YES NO; IF NO, EXPLAIN _____PRESSURE RECORDER MAKE AND SERIAL N Chandler 25602 ITT Barton 242E-47061TEMPERATURE RECORDER MAKE AND SERIAL N ITT Barton 242E-47061 ITT Barton 242E-55357REMARKS: Tested in accordance with D.O.T. CFR Title 49 Part 195 Subpart E.CONDUCTED BY Sam Hong TITLE BJ PPS Test EngineerCERTIFIED BY Chris Gorman *Chris Gorman* TITLE Risk & Integrity Specialist EMPCoWITNESSED BY Ricky Boulware TITLE EMPCO Test Site InspectorWITNESSED BY Chris Gorman TITLE RPIINOTE: SEE DOT LIQUIDS MANUAL *in a future conference*

CERTIFICATION OF PIPE LINE HYDROSTATIC PRESSURE TEST

CARRIER NAME Mobil Pipeline Company
 TESTING COMPANY NAME BJ Process & Pipeline Services
 PRESSURE TEST NUMBER Test Section 21 Leak Test DATE 3/3/2006

THIS IS TO CERTIFY THAT THE PIPE LINE OR PIPELINE SECTION DESCRIBED BELOW WAS HYDROSTATICALLY PRESSURE TESTED IN ACCORDANCE WITH THE FOLLOWING PROCEDURE:

PIPE LINE 20" Crude FROM Patoka, IL TO Corsicana, TX
 DESCRIPTION OF FACILITY TESTED Test Section 21 MP 160.62 - MP 166.54
 SECTION LENGTH 5.92 miles PIPE O.D. 20" WALL THICKNESS 0.312" GR. X-42 TYPE ERW
 LOCATION OF TEST PRESSURE RECORDER CONNECTION MP 160.62 (See attached sketch)
 LOCATION OF TEMPERATURE RECORDER BULB MP 160.62 (See attached sketch)
 INITIAL PRESSURE AT POINT OF TEST 935 psig TIME 2:30 PM
 INITIAL TEMPERATURE OF TEST SECT. 53.8 °F ELEV. AT POINT OF TEST N/A MSL
 INITIAL PRESSURE AT LOWEST ELEVATION POINT IN SECTION N/A PSIG;
 ELEVATION N/A MSL; MP. N/A THE PRESSURE WAS MEASURED CALCULATED
 INITIAL PRESSURE AT HIGHEST ELEVATION POINT IN SECTION N/A PSIG;
 ELEVATION N/A MSL; MP. N/A THE PRESSURE WAS MEASURED CALCULATED
 FINAL PRESSURE AT POINT OF TEST 936 PSIG TIME 6:30 PM
 FINAL TEMPERATURE OF TEST SECT. 54.0 °F
 TOTAL FLUID INJ. N/A GAL. TOTAL FLUID WITHDRAWN N/A GAL.
 NET CHANGE IN VOLUME OF THE TEST SECT. N/A GAL.
 LENGTH OF TEST 4 HRS. 0 MIN; TESTING FLUID Water SPEC GVTY. 1.00 TEMP. N/A °F
 INITIAL PRESSURE N/A % OF SMYS AT THE TEST SITE N/A % AT HIGH POINT N/A % AT LOW POINT.
 MINIMUM TEST PRESSURE DURING A SELECTED 4 HOUR PERIOD (TEST PRESSURE) 935 PSIG
 MAXIMUM ALLOWABLE OPERATING PRESSURE 827 PSIG. at test site BASED ON 80% SMYS
 OR 80% of minimum test pressure of 1034.0 psig at the test site during the 4 hour strength test

WERE THERE ANY LEAKS? YES NO; IF YES, EXPLAIN _____

WAS EVERY COMPONENT THAT WILL BE SUBJECTED TO THE SYSTEM WORKING PRESSURE HYDROSTATICALLY TESTED? YES NO; IF NO, EXPLAIN _____

PRESSURE RECORDER MAKE AND SERIAL NO. Chandler 25602 ITT Barton 242E-47061

TEMPERATURE RECORDER MAKE AND SERIAL NO. ITT Barton 242E-47061 ITT Barton 242E-55357

REMARKS: Tested in accordance with D.O.T. CFR Title 49 Part 195 Subpart E.

CONDUCTED BY Sam Hong TITLE BJ PPS Test Engineer

CERTIFIED BY Chris Gorman *Chris Gorman* TITLE Risk & Integrity Specialist, EMPCo

WITNESSED BY Ricky Boulware TITLE EMPCO Test Site Inspector

WITNESSED BY Chris Gorman TITLE R&I

NOTE: SEE DOT LIQUIDS MANUAL *via the internet*

MOBIL PIPE LINE COMPANY						
HYDROSTATIC PRESSURE TEST DATA SHEET				DATE:	FROM 3/3/2006	TO 3/3/2006
TEST NUMBER: Section 21		TIME:		9:15 AM	1:15 PM	
DESCRIPTION: 647 Miles / 20" Crude Pipe Line, Patoka, IL to Corsicana, TX						
MP 160.62 - MP 166.54						
Strength Test						
DEADWEIGHT TESTER NO. Chandler		25602				
PRESSURE RECORDER NO. ITT Barton		242E-47061				
TEMPERATURE RECORDER NO. ITT Barton		242E-55357				
TIME	PRESSURE (PSIG)	AMBIENT TEMP (°F)	PIPE TEMP (°F)	GALLONS INJECTED (GAL)	GALLONS BLED OFF (GAL)	COMMENTS
09:15 AM	1034.0	57.5	53.5	N/A	N/A	Start 4 Hour Strength Test
09:30 AM	1034.0	58.0	53.7	"	"	
09:45 AM	1034.0	58.3	53.8	"	"	Slight increase in pipe wall
10:00 AM	1034.0	58.5	54.0	"	"	temperature due to warmer water
10:15 AM	1034.0	59.5	54.0	"	"	from frac tanks injected into pipeline
10:30 AM	1034.0	60.0	54.0	"	"	during segment pressurization
10:45 AM	1034.5	60.2	54.0	"	"	
11:00 AM	1034.5	61.0	54.0	"	"	
11:15 AM	1034.5	61.5	54.0	"	"	
11:30 AM	1034.5	62.0	54.0	"	"	
11:45 AM	1034.5	62.8	54.0	"	"	
12:00 PM	1035.0	63.0	54.0	"	"	
12:15 PM	1035.0	64.0	54.0	"	"	
12:30 PM	1035.0	64.5	54.0	"	"	
12:45 PM	1035.0	64.5	54.0	"	"	
01:00 PM	1035.0	64.5	53.9	"	"	
01:15 PM	1035.0	65.0	53.9	"	"	End 4 Hour Strength Test

MOBIL PIPE LINE COMPANY						
HYDROSTATIC PRESSURE TEST DATA SHEET				DATE:	FROM 3/3/2006	TO 3/3/2006
TEST NUMBER: Section 21		TIME:		2:30 PM	6:30 PM	
DESCRIPTION: 647 Miles / 20" Crude Pipe Line, Patoka, IL to Corsicana, TX						
MP 160.62 - MP 166.54						
Leak Test						
DEADWEIGHT TESTER NO. Chandler		25602				
PRESSURE RECORDER NO. ITT Barton		242E-47061				
TEMPERATURE RECORDER NO. ITT Barton		242E-55357				
TIME	PRESSURE (PSIG)	AMBIENT TEMP (°F)	PIPE TEMP (°F)	GALLONS INJECTED (GAL)	GALLONS BLED OFF (GAL)	COMMENTS
02:30 PM	935.0	66.7	53.8	N/A	N/A	Start 4 Hour Leak Test
02:45 PM	935.0	66.7	53.8	"	"	
03:00 PM	935.0	67.0	53.8	"	"	
03:15 PM	935.0	67.1	53.8	"	"	
03:30 PM	935.0	68.0	53.8	"	"	
03:45 PM	935.0	68.0	53.8	"	"	
04:00 PM	935.5	67.5	53.9	"	"	
04:15 PM	935.5	67.5	53.9	"	"	
04:30 PM	935.5	67.3	53.9	"	"	
04:45 PM	935.5	67.0	54.0	"	"	
05:00 PM	935.5	66.5	54.0	"	"	
05:15 PM	935.5	66.5	54.0	"	"	
05:30 PM	935.5	66.0	54.0	"	"	
05:45 PM	936.0	65.5	54.0	"	"	
06:00 PM	936.0	65.0	54.0	"	"	
06:15 PM	936.0	63.5	54.0	"	"	
06:30 PM	936.0	63.0	54.0	"	"	End 4 Hour Leak Test

MOBIL PIPE LINE COMPANY

HYDROSTATIC PRESSURE TEST

647 Miles / 20" Crude Pipe Line, Patoka, IL to Corsicana, TX

Test Section 22

Foreman, AR

MP 160.62 - MP 127.88

March 3, 2006

Memorandum

Date: 4/28/06

Subject: Hydrotest Review & Endorsement

To: <Hydrotest Report and HCA
Baseline Assessment File>

cc: <>

From: <Chris Gorman>

I've completed the review of the hydrostatic test report for Test Section - 22 (H22) for the Corsicana to Patoka Crude Line. It is consistent with my knowledge of the testing operations and facility and confirms we had a good test. The hydrotest and report documentation are accurate and thorough and will satisfy our needs for Data Integration, Risk & Threat Analysis, and Preventive & Mitigative Measures Analysis needed to comply with the HCA regulations and the testing requirements of DOT CFR Title 49, Part 195, Subpart E.



Chris D. Gorman
Pipeline Risk & Integrity Specialist
ExxonMobil Pipeline Company
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Corsicana, TX 75110
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903-654-5302 fax
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MOBIL PIPE LINE COMPANY

647 Miles /20" Crude Line, Patoka, IL to Corsicana, TX
Test Section 22 MP 127.88 - MP 160.62

Date and Time:

March 3, 2006, from 8:15 AM to 12:15 PM. - (Strength Test)

March 3, 2006, from 1:30 PM to 5:30 PM. - (Leak Test)

Facility Tested:

The test section consisted of 32.74 miles of 20" x 0.312" w.t., X-42 ERW pipe

Personnel Present:

Conducted by: S.C. Hong - Test Engineer - BJ Process & Pipeline Services

Witnessed by: Ricky Boulware - EMPCO -- Test Site Inspector

Procedure:

On March 2, 2006, the piping was filled with water and the air was allowed to bleed through 2" valves. The test section was filled with water by moving water from previously hydrotested sections. The test section was pressurized to approximately 700 psig with BJ's positive-displacement pump at a rate of 15 psi / minute, and was allowed to stabilize over night. The test manifold, pressure recorder, and deadweight tester were connected to the test section as shown in the attached sketch.

The test section was pressurized at a rate 10 psi/minute to 835 psi (approximately 80% of strength test pressure) by injecting water at MP 160.58 with a positive-displacement pump. Pressurization was halted for approximately an hour while waiting for daylight and to allow for stabilization. The test section was then pressurized at a rate of 5 Psi/min to test pressure of 1033 psi. The pressure stabilized at 8:15 AM of March 3, 2006 at 1034 psi and the 4 hour strength test commenced. Once the 4. hour strength test was deemed successful the test pressure was reduced by 100 psi. The leak test pressure settled at 936 psi.

Conclusion:

The strength test started at 8: 15 AM on March 3rd, 2006 and was held for 4 hours starting at a pressure of 1034 psi. Over the duration of the strength test, there was a pressure gain of 1.0 psi. At this point, the strength test was deemed successful.

The leak test started at 1:30 PM on March 3rd, 2006 and was held for 4 hours starting at a pressure of 936 psi. Over the duration of the leak test, there was a pressure gain of 1.0 psi. At this point the leak test was deemed successful.

The pressure trends over the duration of the tests were within the accuracy of the instrumentation or within calculated fluctuations caused by temperature changes. The tests were deemed successful.

Therefore, in my judgment, this constitutes a valid pressure test meeting the requirements of the Department of Transportation Code of Federal Regulations Title 49, Part 195 Subpart E.

Samuel C. Hong
Testing Engineer
BJ Process & Pipeline Services

CERTIFICATION OF PIPE LINE HYDROSTATIC PRESSURE TEST

CARRIER NAME Mobil Pipeline Company
 TESTING COMPANY NAME BJ Process & Pipeline Services
 PRESSURE TEST NUMBER Test Section 22 Strength Test DATE 3/3/2006

THIS IS TO CERTIFY THAT THE PIPE LINE OR PIPELINE SECTION DESCRIBED BELOW WAS HYDROSTATICALLY PRESSURE TESTED IN ACCORDANCE WITH THE FOLLOWING PROCEDURE:

PIPE LINE 20" Crude FROM Patoka, IL TO Corsicana, TX

DESCRIPTION OF FACILITY TESTED Test Section 22 MP 160.62 - MP 127.88

SECTION LENGTH 32.74 miles PIPE O.D. 20" WALL THICKNESS 0.312" GR. X-42 TYPE ERW

LOCATION OF TEST PRESSURE RECORDER CONNECT MP 160.62 (See attached sketch)

LOCATION OF TEMPERATURE RECORDER BULB MP 160.62 (See attached sketch)

INITIAL PRESSURE AT POINT OF TEST 1034 psig TIME 8:15 AM

INITIAL TEMPERATURE OF TEST SECT. 57.5 °F ELEV. AT POINT OF TEST 320 ft MSL

INITIAL PRESSURE AT LOWEST ELEVATION POINT IN SECTION 1060.8 PSIG;

ELEVATION 258 ft MSL; MP. 132.41 THE PRESSURE WAS MEASURED CALCULATED

INITIAL PRESSURE AT HIGHEST ELEVATION POINT IN SECTION 982.0 PSIG;

ELEVATION 440 ft MSL; MP. 141.42 THE PRESSURE WAS MEASURED CALCULATED

FINAL PRESSURE AT POINT OF TEST 1035 PSIG TIME 12:15 PM

FINAL TEMPERATURE OF TEST SECT. 57.3 °F

TOTAL FLUID INJ. N/A GAL. TOTAL FLUID WITHDRAWN N/A GAL.

NET CHANGE IN VOLUME OF THE TEST SECT N/A GAL.

LENGTH OF TEST 4 HRS. 0 MIN; TESTING FLUID Water SPEC GVTY. 1.00 TEMP. N/A °F

INITIAL PRESSURE 79 % OF SMYS AT THE TEST SITE 75 % AT HIGH POINT 81 % AT LOW POINT.

MINIMUM TEST PRESSURE DURING A SELECTED 4 HOUR PERIOD (TEST PRESSURE) 1034 PSIG

MAXIMUM ALLOWABLE OPERATING PRESSURE 827 PSIG. at test site. BASED ON 80 % SMYS
 OR 80% of minimum test pressure at test site.

WERE THERE ANY LEAKS? YES NO; IF YES, EXPLAIN _____

WAS EVERY COMPONENT THAT WILL BE SUBJECTED TO THE SYSTEM WORKING PRESSURE HYDROSTATICALLY TESTED? YES NO; IF NO, EXPLAIN _____

PRESSURE RECORDER MAKE AND SERIAL N Chandler 23087 ITT Barton 242E-51492

TEMPERATURE RECORDER MAKE AND SERIAL N ITT Barton 242E-51492 ITT Barton 242E-46150

REMARKS: Tested in accordance with D O T CFR Title 49 Part 195 Subpart E

CONDUCTED BY Sam Hong TITLE BJ PPS Test Engineer

CERTIFIED BY Chris Gorman TITLE Risk & Integrity Specialist, EMPCo

WITNESSED BY Ricky Boulware TITLE EMPCO Test Site Inspector

WITNESSED BY Chris Gorman TITLE R&I

NOTE: SEE DOT LIQUIDS MANUAL with reference

CERTIFICATION OF PIPE LINE HYDROSTATIC PRESSURE TEST

CARRIER NAME Mobil Pipeline Company

TESTING COMPANY NAME BJ Process & Pipeline Services

PRESSURE TEST NUMBER Test Section 22 Leak Test DATE 3/3/2006

THIS IS TO CERTIFY THAT THE PIPE LINE OR PIPELINE SECTION DESCRIBED BELOW WAS HYDROSTATICALLY PRESSURE TESTED IN ACCORDANCE WITH THE FOLLOWING PROCEDURE:

PIPE LINE 20" Crude FROM Patoka, IL TO Corsicana, TX

DESCRIPTION OF FACILITY TESTED Test Section 22 MP 160.62 - MP 127.88

SECTION LENGTH 32.74 miles PIPE O.D. 20" WALL THICKNESS 0.312" GR. X-42 TYPE ERW

LOCATION OF TEST PRESSURE RECORDER CONNECTION MP 160.62 (See attached sketch)

LOCATION OF TEMPERATURE RECORDER BULB MP 160.62 (See attached sketch)

INITIAL PRESSURE AT POINT OF TEST 936 psig TIME 1:30 PM

INITIAL TEMPERATURE OF TEST SECT. 56.1 °F ELEV. AT POINT OF TEST N/A MSL

INITIAL PRESSURE AT LOWEST ELEVATION POINT IN SECTION N/A PSIG;

ELEVATION N/A MSL; MP. N/A THE PRESSURE WAS MEASURED CALCULATED

INITIAL PRESSURE AT HIGHEST ELEVATION POINT IN SECTION N/A PSIG;

ELEVATION N/A MSL; MP. N/A THE PRESSURE WAS MEASURED CALCULATED

FINAL PRESSURE AT POINT OF TEST 937 PSIG TIME 5:30 PM

FINAL TEMPERATURE OF TEST SECT. 56.2 °F

TOTAL FLUID INJ. N/A GAL. TOTAL FLUID WITHDRAWN N/A GAL.

NET CHANGE IN VOLUME OF THE TEST SECT. N/A GAL.

LENGTH OF TEST 4 HRS. 0 MIN; TESTING FLUID Water SPEC GVTY. 1.00 TEMP. N/A °F

INITIAL PRESSURE N/A % OF SMYS AT THE TEST SITE N/A % AT HIGH POINT N/A % AT LOW POINT.

MINIMUM TEST PRESSURE DURING A SELECTED 4 HOUR PERIOD (TEST PRESSURE) 936 PSIG

MAXIMUM ALLOWABLE OPERATING PRESSURE 827 PSIG. at test site BASED ON 80% SMYS
OR 80% of minimum test pressure of 1034.0 psig at the test site during the 4 hour strength test

WERE THERE ANY LEAKS? YES NO; IF YES, EXPLAIN _____

WAS EVERY COMPONENT THAT WILL BE SUBJECTED TO THE SYSTEM WORKING PRESSURE HYDROSTATICALLY TESTED? YES NO; IF NO, EXPLAIN _____

PRESSURE RECORDER MAKE AND SERIAL NO. Chandler 23087 ITT Barton 242E-51492

TEMPERATURE RECORDER MAKE AND SERIAL NO. ITT Barton 242E-51492 ITT Barton 242E-46150

REMARKS: Tested in accordance with D.O.T. CFR Title 49 Part 195 Subpart E.

CONDUCTED BY Sam Hong TITLE BJ PPS Test Engineer

CERTIFIED BY Chris Gorman *Chris Gorman* TITLE Risk & Integrity Specialist, EMPCo

WITNESSED BY Ricky Boulware TITLE EMPCo Test Site Inspector

WITNESSED BY *Chris Gorman* TITLE R & I

NOTE: SEE DOT LIQUIDS MANUAL *2.1.1 to 2.1.11 for 20" CR*

MOBIL PIPE LINE COMPANY						
HYDROSTATIC PRESSURE TEST DATA SHEET				DATE:	FROM 3/3/2006	TO 3/3/2006
TEST NUMBER: Section 22				TIME:	8:15 AM	12:15 PM
DESCRIPTION: 647 Miles / 20" Crude Pipe Line, Patoka, IL to Corsicana, TX						
MP 160.62 - MP 127.88						
Strength Test						
DEADWEIGHT TESTER NO. Chandler				23087		
PRESSURE RECORDER NO. ITT Barton				242E-51492		
TEMPERATURE RECORDER NO. ITT Barton				242E-46150		
TIME	PRESSURE (PSIG)	AMBIENT TEMP (°F)	PIPE TEMP (°F)	GALLONS INJECTED (GAL)	GALLONS BLED OFF (GAL)	COMMENTS
8:15 AM	1034.0	52.5	57.5	N/A	N/A	Start 4 Hour Strength Test
8:30 AM	1034.0	54.0	57.3	"	"	
8:45 AM	1034.0	55.0	57.3	"	"	
9:00 AM	1034.0	55.5	57.3	"	"	
9:15 AM	1034.0	56.8	57.3	"	"	
9:30 AM	1034.0	57.0	57.3	"	"	
9:45 AM	1034.0	57.2	57.3	"	"	
10:00 AM	1034.5	57.5	57.3	"	"	
10:15 AM	1034.5	58.2	57.3	"	"	
10:30 AM	1034.5	58.5	57.3	"	"	
10:45 AM	1034.5	59.2	57.3	"	"	
11:00 AM	1035.0	60.0	57.3	"	"	
11:15 AM	1035.0	60.3	57.3	"	"	
11:30 AM	1035.0	61.0	57.3	"	"	
11:45 AM	1035.0	61.7	57.3	"	"	
12:00 PM	1035.0	62.8	57.3	"	"	
12:15 PM	1035.0	63.2	57.3	"	"	End 4 Hour Strength Test

MOBIL PIPE LINE COMPANY						
HYDROSTATIC PRESSURE TEST DATA SHEET				DATE:	FROM 3/3/2006	TO 3/3/2006
TEST NUMBER: Section 22				TIME:	1:30 PM	5:30 PM
DESCRIPTION: 647 Miles / 20" Crude Pipe Line, Patoka, IL to Corsicana, TX						
MP 160.62 - MP 127.88						
Leak Test						
DEADWEIGHT TESTER NO. Chandler				23087		
PRESSURE RECORDER NO. ITT Barton				242E-51492		
TEMPERATURE RECORDER NO. ITT Barton				242E-46150		
TIME	PRESSURE (PSIG)	AMBIENT TEMP (°F)	PIPE TEMP (°F)	GALLONS INJECTED (GAL)	GALLONS BLED OFF (GAL)	COMMENTS
1:30 PM	936.0	68.0	56.1	N/A	N/A	Start 4 Hour Leak Test
1:45 PM	936.0	68.9	56.1	"	"	
2:00 PM	936.0	69.1	56.1	"	"	
2:15 PM	936.5	70.1	56.1	"	"	
2:30 PM	936.5	70.1	56.1	"	"	
2:45 PM	936.5	71.6	56.1	"	"	
3:00 PM	936.5	71.0	56.1	"	"	
3:15 PM	936.5	71.0	56.1	"	"	
3:30 PM	936.5	71.0	56.1	"	"	
3:45 PM	936.5	71.0	56.1	"	"	
4:00 PM	937.0	71.0	56.1	"	"	
4:15 PM	937.0	71.0	56.1	"	"	
4:30 PM	937.0	70.0	56.1	"	"	
4:45 PM	937.0	69.0	56.1	"	"	
5:00 PM	937.0	68.5	56.1	"	"	
5:15 PM	937.0	67.0	56.2	"	"	
5:30 PM	937.0	66.0	56.2	"	"	End 4 Hour Leak Test

MOBIL PIPE LINE COMPANY

HYDROSTATIC PRESSURE TEST

647 Miles / 20" Crude Pipe Line, Patoka, IL to Corsicana, TX

Test Section 23

Winnsboro Station

MP 98.49 - MP 127.88

March 5, 2006

Memorandum

Date: 4/28/06

Subject: Hydrotest Review & Endorsement

To: <Hydrotest Report and HCA
Baseline Assessment File>

cc: <>

From: <Chris Gorman>

I've completed the review of the hydrostatic test report for Test Section - 23 (H23) for the Corsicana to Patoka Crude Line. It is consistent with my knowledge of the testing operations and facility and confirms we had a good test. The hydrotest and report documentation are accurate and thorough and will satisfy our needs for Data Integration, Risk & Threat Analysis, and Preventive & Mitigative Measures Analysis needed to comply with the HCA regulations and the testing requirements of DOT CFR Title 49, Part 195, Subpart E.



Chris D. Gorman
Pipeline Risk & Integrity Specialist
ExxonMobil Pipeline Company
1604 South 15th St.
Corsicana, TX 75110
903-654-5323
903-654-5302 fax
903-654-1324 cell

MOBIL PIPE LINE COMPANY

647 Miles /20" Crude Line; Patoka, IL to Corsicana, TX

Test Section 23 MP 98.49 - MP 127.88

Date and Time:

March 5, 2006, from 9:00 AM to 1:00 PM. (Strength Test)

March 5, 2006, from 2:15 PM to 6:15 PM. (Leak Test)

Facility Tested:

The test section consisted of 9.39 miles of 20" x 0.312" w.t., X-42 ERW pipe

Personnel Present:

Conducted by: S.C. Hong - Test Engineer - BJ Process & Pipeline Services

Witnessed by: Ricky Boulware - EMPCO - Tech Site Inspector

Procedure:

On March 4, 2006, the piping was filled with water and the air was allowed to bleed through 2" valves. The test section was filled with water by moving water from previously hydrotested sections. The test section was pressurized to approximately 700 psig with BJ's positive-displacement pump at a rate of 15 psi/minute, and was allowed to stabilize overnight the test manifold, pressure recorder, and deadweight tester were connected to the test section as shown in the attached sketch.

The test section was pressurized at a rate of 10 psi/minute to 825 psi (approximately 80% of strength test pressure) by injecting water at MP 98.51 with a positive-displacement pump. Pressurization was halted for approximately an hour while waiting for daylight and to allow for stabilization. The test section was then pressurized at a rate of 5 psi/min to test pressure of 1030 psi. The pressure stabilized at 9:00 AM on March 5, 2006 at 1030 psi and the 4 hour strength test began. Upon completion of the 4 hour strength test, the pressures were then reduced approximately 100 psi. The leak test pressure settled at 931 psi and at 2:15 PM the 4 hour leak test commenced.

Conclusion:

The strength test started at 9:00 AM on March 5th, 2006 and was held for 4 hours starting at a pressure of 1030 psi. Over the duration of the strength test, there was a pressure gained of 1.0 psi.

The leak test started at 2:15 PM on March 5th, 2006 and was held for 4 hours starting at a pressure of 931 psi. Over the duration of the leak test, there was a pressure gained of 1.0 psi. At this point the leak test was deemed successful.

The pressure trends over the duration of the leak test are within the accuracy of the instrumentation or within calculated fluctuations caused by temperature changes. The tests were deemed successful

Therefore, in my judgment, this constitutes a valid pressure test meeting the requirements of the Department of Transportation Code of Federal Regulations Title 49, Part 195 Subpart E.

Samuel C. Hong
Testing Engineer
BJ Process & Pipeline Services

CERTIFICATION OF PIPE LINE HYDROSTATIC PRESSURE TEST

CARRIER NAME Mobil Pipeline Company

TESTING COMPANY NAME BJ Process & Pipeline Services

PRESSURE TEST NUMBER Test Section 23 Strength Test DATE 3/5/2003

THIS IS TO CERTIFY THAT THE PIPE LINE OR PIPELINE SECTION DESCRIBED BELOW WAS HYDROSTATICALLY PRESSURE TESTED IN ACCORDANCE WITH THE FOLLOWING PROCEDURE:

PIPE LINE 20" Crude FROM Patoka, IL TO Corsicana, TX

DESCRIPTION OF FACILITY TESTED Test Section 23 MP 98.49 - MP 127.88

SECTION LENGTH 29.39 miles PIPE O.D. 20" WALL THICKNESS 0.312" GR. X-42 TYPE ERW

LOCATION OF TEST PRESSURE RECORDER CONNECT MP 98.49 (See attached sketch)

LOCATION OF TEMPERATURE RECORDER BULB MP 98.49 (See attached sketch)

INITIAL PRESSURE AT POINT OF TEST 1030 psig TIME 9:00 AM

INITIAL TEMPERATURE OF TEST SECT. 60.0 °F ELEV. AT POINT OF TEST 473 ft MSL

INITIAL PRESSURE AT LOWEST ELEVATION POINT IN SECTION 1123.1 PSIG;

ELEVATION 258 ft MSL; MP. 126.41 THE PRESSURE WAS MEASURED CALCULATED

INITIAL PRESSURE AT HIGHEST ELEVATION POINT IN SECTION 979.3 PSIG;

ELEVATION 590 ft MSL; MP. 100.49 THE PRESSURE WAS MEASURED CALCULATED

FINAL PRESSURE AT POINT OF TEST 1031 PSIG TIME 1:00 PM

FINAL TEMPERATURE OF TEST SECT. 58.0 °F

TOTAL FLUID INJ. N/A GAL. TOTAL FLUID WITHDRAWN N/A GAL.

NET CHANGE IN VOLUME OF THE TEST SECT N/A GAL.

LENGTH OF TEST 4 HRS. 0 MIN; TESTING FLUID Water SPEC GVTY. 1.00 TEMP. N/A °F

INITIAL PRESSURE 79 % OF SMYS AT THE TEST SITE 75 % AT HIGH POINT 86 % AT LOW POINT.

MINIMUM TEST PRESSURE DURING A SELECTED 4 HOUR PERIOD (TEST PRESSURE) 1030 PSIG

MAXIMUM ALLOWABLE OPERATING PRESSURE 824 PSIG. at test site. BASED ON - % SMYS
OR 80% of minimum test pressure at test site.

WERE THERE ANY LEAKS? YES NO; IF YES, EXPLAIN _____

WAS EVERY COMPONENT THAT WILL BE SUBJECTED TO THE SYSTEM WORKING PRESSURE HYDROSTATICALLY TESTED? YES NO; IF NO, EXPLAIN _____

PRESSURE RECORDER MAKE AND SERIAL N Chandler 23087 ITT Barton 242E-51492

TEMPERATURE RECORDER MAKE AND SERIAL N ITT Barton 242E-51492 ITT Barton 242E-51492

REMARKS: Tested in accordance with D.O.T. CFR Title 49 Part 195 Subpart E.

CONDUCTED BY Sam Hong TITLE BJ PPS Test Engineer

CERTIFIED BY Chris Gorman TITLE Risk & Integrity Specialist, EMPCo

WITNESSED BY Ricky Boulware TITLE EMPCO Test Site Inspector

WITNESSED BY Chris Gorman TITLE R & I S

NOTE: SEE DOT LIQUIDS MANUAL via trailer company records.

CERTIFICATION OF PIPE LINE HYDROSTATIC PRESSURE TEST

CARRIER NAME Mobil Pipeline CompanyTESTING COMPANY NAME BJ Process & Pipeline ServicesPRESSURE TEST NUMBER Test Section 23 Leak Test DATE 3/5/2006

THIS IS TO CERTIFY THAT THE PIPE LINE OR PIPELINE SECTION DESCRIBED BELOW WAS HYDROSTATICALLY PRESSURE TESTED IN ACCORDANCE WITH THE FOLLOWING PROCEDURE:

PIPE LINE 20" Crude FROM Patoka, IL TO Corsicana, TXDESCRIPTION OF FACILITY TESTED Test Section 23 MP 98.49 - MP 127.88SECTION LENGTH 29.39 miles PIPE O.D. 20" WALL THICKNESS 0.312" GR. X-42 TYPE ERWLOCATION OF TEST PRESSURE RECORDER CONNECTION MP 98.49 (See attached sketch)LOCATION OF TEMPERATURE RECORDER BULB MP 98.49 (See attached sketch)INITIAL PRESSURE AT POINT OF TEST 931 psig TIME 2:15 PMINITIAL TEMPERATURE OF TEST SECT. 58.0 °F ELEV. AT POINT OF TEST N/A MSLINITIAL PRESSURE AT LOWEST ELEVATION POINT IN SECTION N/A PSIG;ELEVATION N/A MSL; MP. N/A THE PRESSURE WAS MEASURED CALCULATEDINITIAL PRESSURE AT HIGHEST ELEVATION POINT IN SECTION N/A PSIG;ELEVATION N/A MSL; MP. N/A THE PRESSURE WAS MEASURED CALCULATEDFINAL PRESSURE AT POINT OF TEST 932 PSIG TIME 6:15 PMFINAL TEMPERATURE OF TEST SECT. 58.2 °FTOTAL FLUID INJ. N/A GAL. TOTAL FLUID WITHDRAWN N/A GAL.NET CHANGE IN VOLUME OF THE TEST SECT. N/A GAL.LENGTH OF TEST 4 HRS. 0 MIN; TESTING FLUID Water SPEC GVTY. 1.00 TEMP. N/A °FINITIAL PRESSURE N/A % OF SMYS AT THE TEST SITE N/A % AT HIGH POINT N/A % AT LOW POINT.MINIMUM TEST PRESSURE DURING A SELECTED 4 HOUR PERIOD (TEST PRESSURE) 931 PSIGMAXIMUM ALLOWABLE OPERATING PRESSURE 824 PSIG. at test site BASED ON 80% SMYS
OR 80% of minimum test pressure of 1030.0 psig at the test site during the 4 hour strength test.WERE THERE ANY LEAKS? YES NO; IF YES, EXPLAIN _____

WAS EVERY COMPONENT THAT WILL BE SUBJECTED TO THE SYSTEM WORKING PRESSURE

HYDROSTATICALLY TESTED? YES NO; IF NO, EXPLAIN _____PRESSURE RECORDER MAKE AND SERIAL NO. Chandler 23087 ITT Barton 242E-51492TEMPERATURE RECORDER MAKE AND SERIAL NO. ITT Barton 242E-51492 ITT Barton 242E-51492REMARKS: Tested in accordance with D.O.T. CFR Title 49 Part 195 Subpart E.CONDUCTED BY Sam Hong TITLE BJ PPS Test EngineerCERTIFIED BY Chris Gorman TITLE Risk & Integrity Specialist, EMPCoWITNESSED BY Ricky Boulware TITLE EMPCO Test Site InspectorWITNESSED BY Chris Gorman TITLE R & I SNOTE: SEE DOT LIQUIDS MANUAL via tubecompliance

MOBIL PIPE LINE COMPANY						
HYDROSTATIC PRESSURE TEST DATA SHEET				DATE:	FROM 3/5/2006	TO 3/5/2006
TEST NUMBER: Section 23			TIME: 9:00 AM 1:00 PM			
DESCRIPTION: 647 Miles / 20" Crude Pipe Line, Patoka, IL to Corsicana, TX						
MP 98.49 - MP 127.88						
Strength Test						
DEADWEIGHT TESTER NO. Chandler			25602			
PRESSURE RECORDER NO. ITT Barton			242E-51492			
TEMPERATURE RECORDER NO. ITT Barton			242E-55357			
TIME	PRESSURE (PSIG)	AMBIENT TEMP (°F)	PIPE TEMP (°F)	GALLONS INJECTED (GAL)	GALLONS BLED OFF (GAL)	COMMENTS
9:00 AM	1030.0	59.0	60.0	N/A	N/A	Start 4 Hour Strength Test
9:15 AM	1030.0	59.5	60.0	"	"	
9:30 AM	1030.0	60.0	60.0	"	"	Slight decrease in pipe wall
9:45 AM	1030.0	62.0	59.9	"	"	temperature due to warmer water
10:00 AM	1030.0	64.0	59.7	"	"	from frac tanks injected into pipeline
10:15 AM	1030.0	66.0	58.5	"	"	during segment pressurization
10:30 AM	1030.0	67.5	59.3	"	"	
10:45 AM	1030.5	69.2	59.2	"	"	
11:00 AM	1030.5	72.0	59.0	"	"	
11:15 AM	1030.5	73.0	58.8	"	"	
11:30 AM	1030.5	73.5	58.5	"	"	
11:45 AM	1030.5	74.5	58.1	"	"	
12:00 PM	1030.5	74.5	58.0	"	"	
12:15 PM	1030.5	73.5	58.0	"	"	
12:30 PM	1031.0	73.5	58.0	"	"	
12:45 PM	1031.0	73.5	58.0	"	"	
1:00 PM	1031.0	74.5	58.0	"	"	End 4 Hour Strength Test

MOBIL PIPE LINE COMPANY						
HYDROSTATIC PRESSURE TEST DATA SHEET				DATE:	FROM 3/5/2006	TO 3/5/2006
TEST NUMBER: Section 23			TIME: 2:15 PM 6:15 PM			
DESCRIPTION: 647 Miles / 20" Crude Pipe Line, Patoka, IL to Corsicana, TX						
MP 98.49 - MP 127.88						
Leak Test						
DEADWEIGHT TESTER NO. Chandler			25602			
PRESSURE RECORDER NO. ITT Barton			242E-51492			
TEMPERATURE RECORDER NO. ITT Barton			242E-55357			
TIME	PRESSURE (PSIG)	AMBIENT TEMP (°F)	PIPE TEMP (°F)	GALLONS INJECTED (GAL)	GALLONS BLED OFF (GAL)	COMMENTS
2:15 PM	931.0	76.0	58.0	N/A	N/A	Start 4 Hour Leak Test
2:30 PM	931.0	76.2	58.0	"	"	
2:45 PM	931.5	76.5	58.0	"	"	
3:00 PM	931.5	77.0	58.0	"	"	
3:15 PM	931.5	76.5	58.0	"	"	
3:30 PM	931.5	76.0	58.0	"	"	
3:45 PM	931.5	76.0	58.0	"	"	
4:00 PM	931.5	75.5	58.0	"	"	
4:15 PM	931.5	75.0	58.0	"	"	
4:30 PM	932.0	74.9	58.0	"	"	
4:45 PM	932.0	74.5	58.0	"	"	
5:00 PM	932.0	73.5	58.2	"	"	
5:15 PM	932.0	72.5	58.2	"	"	
5:30 PM	932.0	72.0	58.2	"	"	
5:45 PM	932.0	71.8	58.2	"	"	
6:00 PM	932.0	71.7	58.2	"	"	
6:15 PM	932.0	70.0	58.2	"	"	End 4 Hour Leak Test

MOBIL PIPE LINE COMPANY

HYDROSTATIC PRESSURE TEST

647 Miles / 20" Crude Pipe Line, Patoka, IL to Corsicana, TX

Test Section 24

Winnsboro Station

MP 98.49 - MP 82.72

March 5, 2006

Memorandum

Date: 4/28/06

Subject: Hydrotest Review & Endorsement

To: <Hydrotest Report and HCA
Baseline Assessment File>

cc: <>

From: <Chris Gorman>

I've completed the review of the hydrostatic test report for Test Section - 24 (H24) for the Corsicana to Patoka Crude Line. It is consistent with my knowledge of the testing operations and facility and confirms we had a good test. The hydrotest and report documentation are accurate and thorough and will satisfy our needs for Data Integration, Risk & Threat Analysis, and Preventive & Mitigative Measures Analysis needed to comply with the HCA regulations and the testing requirements of DOT CFR Title 49, Part 195, Subpart E.



Chris D. Gorman
Pipeline Risk & Integrity Specialist
ExxonMobil Pipeline Company
1604 South 15th St.
Corsicana, TX 75110
903-654-5323
903-654-5302 fax
903-654-1324 cell

MOBIL PIPE LINE COMPANY

647 Miles / 20" Crude Line, Patoka, IL to Corsicana, TX

Test Section 24 MP 98.49 - MP 82.72

Date and Time:

March 5, 2006, from 8:15 AM to 12:15 PM. (Strength Test)

March 5, 2006, from 1:30 PM to 5:30 PM. (Leak Test)

Facility Tested:

The test section consisted of 15.77 miles of 20" x 0.312" w.t., X-42 ERW pipe

Personnel Present:

Conducted by: S.C. Hong - Test Engineer - HJ Process & Pipeline Services

Witnessed by: Ricky Boulware - EMPCO Test Site Inspector

Procedure:

On March 4, 2006, the piping was filled with water and the air was allowed to bleed through 2" valves. The test section was filled with water by moving water from previously hydrotested sections. The test section was pressurized to approximately 700 psig with BJ's positive-displacement pump at a rate of 15 psi/minute, and was allowed to stabilize over night. The test manifold, pressure recorder, and deadweight tester were connected to the test section as shown in the attached sketch.

The test section was pressurized at a rate of 10 psi/minute to 850 psi (approximately 80% of strength test pressure) by injecting water at MP 98.49 with a positive-displacement pump. Pressurization was halted for approximately an hour while waiting for daylight and to allow for stabilization. The test section was then pressurized at a rate of 5 psi/min to test pressure of 1067 Psi. The pressure stabilized at 9:00 AM on March 5, 2006 at 1068 psi and the 4 hour strength test commenced. Once 4 hour strength test was deemed successful, the pressure was reduced by 100 psi. The pressure stabilized at 968.5 psi at 1:30 PM and the 4 hour leak test began.

Conclusion:

The strength test started at 8:15 AM on March 5th, 2006 and was held for 4 hours starting at a pressure of 1068 psi. Over the duration of the strength test, there was no pressure change. The leak test started at 1:30 PM on March 5th, 2006 and was held for 4 hours starting at a pressure of 968.5 psi. Over the duration of the leak test, there was a pressure gain of 0.5 psi. At this point the leak test was deemed successful.

The pressure trends over the duration of the leak test are within the accuracy of the instrumentation or within calculated fluctuations caused by temperature changes. The tests were deemed successful.

Therefore, in my judgment, this constitutes a valid pressure test meeting the requirements of the Department of Transportation Code of Federal Regulations Title 49, Part 195 Subpart E.

Samuel C. Hong
Testing Engineer
BJ Process & Pipeline Services

CERTIFICATION OF PIPE LINE HYDROSTATIC PRESSURE TEST

CARRIER NAME Mobil Pipeline CompanyTESTING COMPANY NAME BJ Process & Pipeline ServicesPRESSURE TEST NUMBER Test Section 24 Strength Test DATE 3/5/2003

THIS IS TO CERTIFY THAT THE PIPE LINE OR PIPELINE SECTION DESCRIBED BELOW WAS HYDROSTATICALLY PRESSURE TESTED IN ACCORDANCE WITH THE FOLLOWING PROCEDURE:

PIPE LINE 20" Crude FROM Patoka, IL TO Corsicana, TXDESCRIPTION OF FACILITY TESTED Test Section 24 MP 98.49 - MP 82.72SECTION LENGTH 15.77 miles PIPE O.D. 20" WALL THICKNESS 0.312" GR. X-42 TYPE ERWLOCATION OF TEST PRESSURE RECORDER CONNECT MP 98.49 (See attached sketch)LOCATION OF TEMPERATURE RECORDER BULB MP 98.49 (See attached sketch)INITIAL PRESSURE AT POINT OF TEST 1068 psig TIME 8:15 AMINITIAL TEMPERATURE OF TEST SECT. 60.2 °F ELEV. AT POINT OF TEST 473 ft MSLINITIAL PRESSURE AT LOWEST ELEVATION POINT IN SECTION 1099.2 PSIG;ELEVATION 401 ft MSL; MP. 96.31 THE PRESSURE WAS MEASURED CALCULATEDINITIAL PRESSURE AT HIGHEST ELEVATION POINT IN SECTION 1030.3 PSIG;ELEVATION 560 ft MSL; MP. 90.70 THE PRESSURE WAS MEASURED CALCULATEDFINAL PRESSURE AT POINT OF TEST 1068 PSIG TIME 12:15 PMFINAL TEMPERATURE OF TEST SECT. 59.9 °FTOTAL FLUID INJ. N/A GAL. TOTAL FLUID WITHDRAWN N/A GAL.NET CHANGE IN VOLUME OF THE TEST SECT N/A GAL.LENGTH OF TEST 4 HRS. 0 MIN; TESTING FLUID Water SPEC GVTY. 1.00 TEMP. N/A °FINITIAL PRESSURE 82 % OF SMYS AT THE TEST SITE 79 % AT HIGH POINT 84 % AT LOW POINT.MINIMUM TEST PRESSURE DURING A SELECTED 4 HOUR PERIOD (TEST PRESSURE) 1068 PSIGMAXIMUM ALLOWABLE OPERATING PRESSURE 854 PSIG. at test site. BASED ON - % SMYS
OR 80% of minimum test pressure at test site.WERE THERE ANY LEAKS? YES NO; IF YES, EXPLAIN _____

WAS EVERY COMPONENT THAT WILL BE SUBJECTED TO THE SYSTEM WORKING PRESSURE

HYDROSTATICALLY TESTED? YES NO; IF NO, EXPLAIN _____PRESSURE RECORDER MAKE AND SERIAL N Chandler 25602 ITT Barton 242E-47061TEMPERATURE RECORDER MAKE AND SERIAL N ITT Barton 242E-47061 ITT Barton 242E-46150REMARKS: Tested in accordance with D.O.T. CFR Title 49 Part 195 Subpart E.CONDUCTED BY Sam Hong TITLE BJ PPS Test EngineerCERTIFIED BY Chris Gorman *Chris Gorman* TITLE Risk & Integrity Specialist, EMPCoWITNESSED BY Ricky Boulware TITLE EMPCO Test Site InspectorWITNESSED BY Chris Gorman TITLE R+ISNOTE: SEE DOT LIQUIDS MANUAL with the following references.

CERTIFICATION OF PIPE LINE HYDROSTATIC PRESSURE TEST

CARRIER NAME Mobil Pipeline Company

TESTING COMPANY NAME BJ Process & Pipeline Services

PRESSURE TEST NUMBER Test Section 24 Leak Test DATE 3/5/2006

THIS IS TO CERTIFY THAT THE PIPE LINE OR PIPELINE SECTION DESCRIBED BELOW WAS HYDROSTATICALLY PRESSURE TESTED IN ACCORDANCE WITH THE FOLLOWING PROCEDURE:

PIPE LINE 20" Crude FROM Patoka, IL TO Corsicana, TX

DESCRIPTION OF FACILITY TESTED Test Section 24 MP 98.49 - MP 82.72

SECTION LENGTH 15.77 miles PIPE O.D. 20" WALL THICKNESS 0.312" GR. X-42 TYPE ERW

LOCATION OF TEST PRESSURE RECORDER CONNECTION MP 98.49 (See attached sketch)

LOCATION OF TEMPERATURE RECORDER BULB MP 98.49 (See attached sketch)

INITIAL PRESSURE AT POINT OF TEST 968.5 psig TIME 1:30 PM

INITIAL TEMPERATURE OF TEST SECT. 59.5 °F ELEV. AT POINT OF TEST N/A MSL

INITIAL PRESSURE AT LOWEST ELEVATION POINT IN SECTION N/A PSIG;

ELEVATION N/A MSL; MP. N/A THE PRESSURE WAS MEASURED CALCULATED

INITIAL PRESSURE AT HIGHEST ELEVATION POINT IN SECTION N/A PSIG;

ELEVATION N/A MSL; MP. N/A THE PRESSURE WAS MEASURED CALCULATED

FINAL PRESSURE AT POINT OF TEST 969 PSIG TIME 5:30 PM

FINAL TEMPERATURE OF TEST SECT. 59.0 °F

TOTAL FLUID INJ. N/A GAL. TOTAL FLUID WITHDRAWN N/A GAL.

NET CHANGE IN VOLUME OF THE TEST SECT. N/A GAL.

LENGTH OF TEST 4 HRS. 0 MIN; TESTING FLUID Water SPEC GVTY. 1.00 TEMP. N/A °F

INITIAL PRESSURE N/A % OF SMYS AT THE TEST SITE N/A % AT HIGH POINT N/A % AT LOW POINT.

MINIMUM TEST PRESSURE DURING A SELECTED 4 HOUR PERIOD (TEST PRESSURE) 968.5 PSIG

MAXIMUM ALLOWABLE OPERATING PRESSURE 854 PSIG. at test site BASED ON - % SMYS
OR 80% of minimum test pressure of 1068.0 psig at the test site during the 4 hour strength test.

WERE THERE ANY LEAKS? YES NO; IF YES, EXPLAIN _____

WAS EVERY COMPONENT THAT WILL BE SUBJECTED TO THE SYSTEM WORKING PRESSURE HYDROSTATICALLY TESTED? YES NO; IF NO, EXPLAIN _____

PRESSURE RECORDER MAKE AND SERIAL NO. Chandler 25602 ITT Barton 242E-47061

TEMPERATURE RECORDER MAKE AND SERIAL NO. ITT Barton 242E-47061 ITT Barton 242E-46150

REMARKS: Tested in accordance with D.O.T. CFR Title 49 Part 195 Subpart E.

CONDUCTED BY Sam Hong TITLE BJ PPS Test Engineer

CERTIFIED BY Chris Gorman *Chris Gorman* TITLE Risk & Integrity Specialist, EMPCo

WITNESSED BY Ricky Boulware TITLE EMPCo Test Site Inspector

WITNESSED BY *Chris Gorman* TITLE R+IS

NOTE: SEE DOT LIQUIDS MANUAL *via teleconference*

MOBIL PIPE LINE COMPANY						
HYDROSTATIC PRESSURE TEST DATA SHEET				DATE:	FROM 3/5/2006	TO 3/5/2006
TEST NUMBER: Section 24			TIME: 8:15 AM 12:15 PM			
DESCRIPTION: 647 Miles / 20" Crude Pipe Line, Patoka, IL to Corsicana, TX						
MP 98.49 - MP 82.72						
Strength Test						
DEADWEIGHT TESTER NO. Chandler			25602			
PRESSURE RECORDER NO. ITT Barton			242E-47061			
TEMPERATURE RECORDER NO. ITT Barton			242E-46150			
TIME	PRESSURE (PSIG)	AMBIENT TEMP (°F)	PIPE TEMP (°F)	GALLONS INJECTED (GAL)	GALLONS BLED OFF (GAL)	COMMENTS
8:15 AM	1068.0	57.0	60.2	N/A	N/A	Start 4 Hour Strength Test
8:30 AM	1068.0	57.2	60.2	"	"	
8:45 AM	1068.0	58.0	60.2	"	"	Slight decrease in pipe wall
9:00 AM	1068.0	58.5	60.2	"	"	temperature due to warmer water
9:15 AM	1068.0	59.0	60.2	"	"	from frac tanks injected into pipeline
9:30 AM	1068.0	60.0	60.2	"	"	during segment pressurization
9:45 AM	1068.0	62.0	60.1	"	"	
10:00 AM	1068.0	63.5	60.0	"	"	
10:15 AM	1068.0	65.2	60.0	"	"	
10:30 AM	1068.0	66.2	60.0	"	"	
10:45 AM	1068.0	68.0	60.0	"	"	
11:00 AM	1068.0	70.5	60.0	"	"	
11:15 AM	1068.0	71.0	60.0	"	"	
11:30 AM	1068.0	72.0	60.0	"	"	
11:45 AM	1068.0	73.0	59.9	"	"	
12:00 PM	1068.0	73.0	59.9	"	"	
12:15 PM	1068.0	72.5	59.9	"	"	End 4 Hour Strength Test

MOBIL PIPE LINE COMPANY						
HYDROSTATIC PRESSURE TEST DATA SHEET				DATE:	FROM 3/5/2006	TO 3/5/2006
TEST NUMBER: Section 24			TIME: 1:30 PM 5:30 PM			
DESCRIPTION: 647 Miles / 20" Crude Pipe Line, Patoka, IL to Corsicana, TX						
MP 98.49 - MP 82.72						
Leak Test						
DEADWEIGHT TESTER NO. Chandler			25602			
PRESSURE RECORDER NO. ITT Barton			242E-47061			
TEMPERATURE RECORDER NO. ITT Barton			242E-46150			
TIME	PRESSURE (PSIG)	AMBIENT TEMP (°F)	PIPE TEMP (°F)	GALLONS INJECTED (GAL)	GALLONS BLED OFF (GAL)	COMMENTS
1:30 PM	968.5	74.0	59.5	N/A	N/A	Start 4 Hour Leak Test
1:45 PM	968.5	74.5	59.5	"	"	
2:00 PM	968.5	74.8	59.4	"	"	
2:15 PM	968.5	75.0	59.3	"	"	
2:30 PM	968.5	75.0	59.3	"	"	
2:45 PM	969.0	75.2	59.3	"	"	
3:00 PM	969.0	76.0	59.2	"	"	
3:15 PM	969.0	75.8	59.0	"	"	
3:30 PM	969.0	75.5	59.0	"	"	
3:45 PM	969.0	75.2	59.0	"	"	
4:00 PM	969.0	75.0	59.0	"	"	
4:15 PM	969.0	74.9	59.0	"	"	
4:30 PM	969.0	73.5	59.0	"	"	
4:45 PM	969.0	73.5	59.0	"	"	
5:00 PM	969.0	73.5	59.0	"	"	
5:15 PM	969.0	72.5	59.0	"	"	
5:30 PM	969.0	72.1	59.0	"	"	End 4 Hour Leak Test

MOBIL PIPE LINE COMPANY

HYDROSTATIC PRESSURE TEST

647 Miles / 20" Crude Pipe Line, Patoka, IL to Corsicana, TX

Test Section 25

Canton, TX

MP 66.64 - MP 82.72

March 13, 2006

Memorandum

Date: 4/28/06

Subject: Hydrotest Review & Endorsement

To: <Hydrotest Report and HCA
Baseline Assessment File>

cc: <>

From: <Chris Gorman>

I've completed the review of the hydrostatic test report for Test Section - 25 (H25) for the Corsicana to Patoka Crude Line. It is consistent with my knowledge of the testing operations and facility and confirms we had a good test. The hydrotest and report documentation are accurate and thorough and will satisfy our needs for Data Integration, Risk & Threat Analysis, and Preventive & Mitigative Measures Analysis needed to comply with the HCA regulations and the testing requirements of DOT CFR Title 49, Part 195, Subpart E.



Chris D. Gorman
Pipeline Risk & Integrity Specialist
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903-654-1324 cell

MOBIL PIPE LINE COMPANY

·647 Miles /20" Crude Line, Patoka, IL to Corsicana, TX

Test Section 25 MP 66.64 - MP 82.72

Date and Time:

March 13, 2006, from 10:15 AM to 2:15 PM -. (Strength Test)

March 13, 2006, from 3:30 PM to 7:30 PM. - (Leak Test)

Facility Tested:

The test section consisted of 16.45 miles of 20" x 0.312" w.t., X-42 ERW pipe

Personnel Present:

Conducted by: Curtis Carter - Test Engineer.: BJ Process & Pipeline Services

Witnessed by: Ricky Boulware - EMPCO – Test Site Inspector

Procedure:

On March 12, 2006, the piping was filled with water and the air was allowed to bleed through 2" valves. The test section was filled with water by moving water from previously hydrotested sections. The test section was 'pressurized to approximately 700 psig with BJ's positive-displacement pump at a rate of 15 psi/minute and was allowed to stabilize over night. The test manifold, pressure recorder, and deadweight tester were connected to the test section as shown in the attached sketch.

On March 13, 2006 the test section was pressurized at a rate of 10 psi/minute to 788 psi (approximately 80% of strength test pressure) by injecting water at MP 66.64 with a positive-displacement pump. Pressurization was halted for approximately an hour while waiting for daylight and to allow for stabilization. The test section was then pressurized at a rate of 5 psi/min to test pressure of 986 psi. The pressure stabilized at 10:15 AM on March 13, 2006 at 986.5 psi and the 4 hour strength test commenced. Once the 4 hour strength test was deemed successful, the pressure was then reduced by 100 psi. The pressure stabilized at 885 psi at 3:30 PM and the 4 hour leak test began.

Conclusion:

The strength test started at 10:15 AM on March 13, 2006 and was held for 4 hours starting at a pressure of 985.5 psi. Over the duration of the strength test, there was no pressure change. The leak test started at 3:30 PM on March 13, 2006 and was held for 4 hours starting at a pressure of 885 psi. Over the duration of the leak test; there was no pressure change. At this point the leak test was deemed successful.

The pressure trends over the duration of the leak test are within the accuracy of the instrumentation or within calculated fluctuations caused by temperature changes. The tests were deemed successful.

Therefore, in my judgment, this constitutes a valid pressure test meeting the requirements of the Department of Transportation Code of Federal Regulations Title 49, Part 195 Subpart E.

Curtis I. Carter
Testing Engineer
BJ Process & Pipeline Services

CERTIFICATION OF PIPE LINE HYDROSTATIC PRESSURE TEST

CARRIER NAME Mobil Pipeline CompanyTESTING COMPANY NAME BJ Process & Pipeline ServicesPRESSURE TEST NUMBER Test Section 25 Strength Test DATE 3/13/2006

THIS IS TO CERTIFY THAT THE PIPE LINE OR PIPELINE SECTION DESCRIBED BELOW WAS HYDROSTATICALLY PRESSURE TESTED IN ACCORDANCE WITH THE FOLLOWING PROCEDURE:

PIPE LINE 20" Crude FROM Patoka, IL TO Corsicana, TXDESCRIPTION OF FACILITY TESTED Test Section 25 MP 66.64 - MP 82.72SECTION LENGTH 16.45 miles PIPE O.D. 20" WALL THICKNESS 0.312" GR. X-42 TYPE ERWLOCATION OF TEST PRESSURE RECORDER CONNECT MP 66.64 (See attached sketch)LOCATION OF TEMPERATURE RECORDER BULB MP 66.64 (See attached sketch)INITIAL PRESSURE AT POINT OF TEST 985.5 psig TIME 10:15 AMINITIAL TEMPERATURE OF TEST SECT. 61.0 °F ELEV. AT POINT OF TEST 360 ft MSLINITIAL PRESSURE AT LOWEST ELEVATION POINT IN SECTION 995.0 PSIG;ELEVATION 338 ft MSL; MP. 74.67 THE PRESSURE WAS MEASURED CALCULATEDINITIAL PRESSURE AT HIGHEST ELEVATION POINT IN SECTION 925.7 PSIG;ELEVATION 498 ft MSL; MP. 70.30 THE PRESSURE WAS MEASURED CALCULATEDFINAL PRESSURE AT POINT OF TEST 985.5 PSIG TIME 2:15 PMFINAL TEMPERATURE OF TEST SECT. 61.0 °FTOTAL FLUID INJ. N/A GAL. TOTAL FLUID WITHDRAWN N/A GAL.NET CHANGE IN VOLUME OF THE TEST SECT N/A GAL.LENGTH OF TEST 4 HRS. 0 MIN; TESTING FLUID Water SPEC GVTY. 1.00 TEMP. N/A °FINITIAL PRESSURE 75 % OF SMYS AT THE TEST SITE 71 % AT HIGH POINT 76 % AT LOW POINT.MINIMUM TEST PRESSURE DURING A SELECTED 4 HOUR PERIOD (TEST PRESSURE) 985.5 PSIGMAXIMUM ALLOWABLE OPERATING PRESSURE 788 PSIG. at test site. BASED ON - % SMYS
OR 80% of minimum test pressure at test site.WERE THERE ANY LEAKS? YES NO; IF YES, EXPLAIN _____WAS EVERY COMPONENT THAT WILL BE SUBJECTED TO THE SYSTEM WORKING PRESSURE
HYDROSTATICALLY TESTED? YES NO; IF NO, EXPLAIN _____PRESSURE RECORDER MAKE AND SERIAL N Chandler 25602 ITT Barton 242E-47061TEMPERATURE RECORDER MAKE AND SERIAL N ITT Barton 242E-47061 ITT Barton 242E-55357REMARKS: Tested in accordance with D.O.T CFR Title 49 Part 195 Subpart E.CONDUCTED BY Curtis Carter TITLE BJ PPS Test EngineerCERTIFIED BY Chris Gorman *Chris Gorman* TITLE Risk & Integrity Specialist, EMPCoWITNESSED BY Ricky Boulware TITLE EMPCO Test Site InspectorWITNESSED BY Chris Gorman TITLE R & I SNOTE: SEE DOT LIQUIDS MANUAL *via tool box references*

CERTIFICATION OF PIPE LINE HYDROSTATIC PRESSURE TEST

CARRIER NAME Mobil Pipeline CompanyTESTING COMPANY NAME BJ Process & Pipeline ServicesPRESSURE TEST NUMBER Test Section 25 Leak Test DATE 3/13/2006

THIS IS TO CERTIFY THAT THE PIPE LINE OR PIPELINE SECTION DESCRIBED BELOW WAS HYDROSTATICALLY PRESSURE TESTED IN ACCORDANCE WITH THE FOLLOWING PROCEDURE:

PIPE LINE 20" Crude FROM Patoka, IL TO Corsicana, TXDESCRIPTION OF FACILITY TESTED Test Section 25 MP 66.64 - MP 82.72SECTION LENGTH 16.45 miles PIPE O.D. 20" WALL THICKNESS 0.312" GR. X-42 TYPE ERWLOCATION OF TEST PRESSURE RECORDER CONNECTION MP 66.64 (See attached sketch)LOCATION OF TEMPERATURE RECORDER BULB MP 66.64 (See attached sketch)INITIAL PRESSURE AT POINT OF TEST 885.0 psig TIME 3:30 PMINITIAL TEMPERATURE OF TEST SECT. 61.0 °F ELEV. AT POINT OF TEST N/A MSLINITIAL PRESSURE AT LOWEST ELEVATION POINT IN SECTION N/A PSIG;ELEVATION N/A MSL; MP. N/A THE PRESSURE WAS MEASURED CALCULATEDINITIAL PRESSURE AT HIGHEST ELEVATION POINT IN SECTION N/A PSIG;ELEVATION N/A MSL; MP. N/A THE PRESSURE WAS MEASURED CALCULATEDFINAL PRESSURE AT POINT OF TEST 885.0 PSIG TIME 7:30 PMFINAL TEMPERATURE OF TEST SECT. 61.0 °FTOTAL FLUID INJ. N/A GAL. TOTAL FLUID WITHDRAWN N/A GAL.NET CHANGE IN VOLUME OF THE TEST SECT. N/A GAL.LENGTH OF TEST 4 HRS. 0 MIN; TESTING FLUID Water SPEC GVTY. 1.00 TEMP. N/A °FINITIAL PRESSURE N/A % OF SMYS AT THE TEST SITE N/A % AT HIGH POINT N/A % AT LOW POINT.MINIMUM TEST PRESSURE DURING A SELECTED 4 HOUR PERIOD (TEST PRESSURE) 885 PSIGMAXIMUM ALLOWABLE OPERATING PRESSURE 788 PSIG. at test site BASED ON - % SMYS
OR 80% of minimum test pressure of 985.5 psig at the test site during the 4 hour strength test.WERE THERE ANY LEAKS? YES NO; IF YES, EXPLAIN _____WAS EVERY COMPONENT THAT WILL BE SUBJECTED TO THE SYSTEM WORKING PRESSURE
HYDROSTATICALLY TESTED? YES NO; IF NO, EXPLAIN _____PRESSURE RECORDER MAKE AND SERIAL NO. Chandler 25602 ITT Barton 242E-47061TEMPERATURE RECORDER MAKE AND SERIAL NO. ITT Barton 242E-47061 ITT Barton 242E-55357REMARKS: Tested in accordance with D.O.T. CFR Title 49 Part 195 Subpart E.CONDUCTED BY Curtis Carter TITLE BJ PPS Test EngineerCERTIFIED BY Chris Gorman *Chris Gorman* TITLE Risk & Integrity Specialist, EMPCoWITNESSED BY Ricky Boulware TITLE EMPCo Test Site InspectorWITNESSED BY Chris Gorman *Chris Gorman* TITLE R+ISNOTE: SEE DOT LIQUIDS MANUAL *via telecon Gorman*

MOBIL PIPE LINE COMPANY						
HYDROSTATIC PRESSURE TEST DATA SHEET				DATE:	FROM 3/13/2006	TO 3/13/2006
TEST NUMBER: Section 25				TIME:	10:15 AM	2:15 PM
DESCRIPTION: 647 Miles / 20" Crude Pipe Line, Patoka, IL to Corsicana, TX						
MP 66.64 - MP 82.72						
Strength Test						
DEADWEIGHT TESTER NO. Chandler				25602		
PRESSURE RECORDER NO. ITT Barton				242E-47061		
TEMPERATURE RECORDER NO. ITT Barton				242E-55357		
TIME	PRESSURE (PSIG)	AMBIENT TEMP (°F)	PIPE TEMP (°F)	GALLONS INJECTED (GAL)	GALLONS BLED OFF (GAL)	COMMENTS
10:15 AM	985.5	61.0	61.0	N/A	N/A	Start 4 Hour Strength Test
10:30 AM	985.5	63.5	61.0	"	"	
10:45 AM	985.5	63.5	61.0	"	"	
11:00 AM	985.5	63.0	61.0	"	"	
11:15 AM	985.5	63.0	61.0	"	"	
11:30 AM	985.5	63.0	61.0	"	"	
11:45 AM	985.5	64.0	61.0	"	"	
12:00 PM	985.5	65.0	61.0	"	"	
12:15 PM	985.5	65.0	61.0	"	"	
12:30 PM	985.5	65.5	61.0	"	"	
12:45 PM	985.5	66.0	61.0	"	"	
1:00 PM	985.5	66.5	61.0	"	"	
1:15 PM	985.5	66.5	61.0	"	"	
1:30 PM	985.5	66.5	61.0	"	"	
1:45 PM	985.5	67.0	61.0	"	"	
2:00 PM	985.5	67.5	61.0	"	"	
2:15 PM	985.5	67.5	61.0	"	"	End 4 Hour Strength Test

MOBIL PIPE LINE COMPANY						
HYDROSTATIC PRESSURE TEST DATA SHEET				DATE:	FROM 3/13/2006	TO 3/13/2006
TEST NUMBER: Section 25				TIME:	3:30 PM	7:30 PM
DESCRIPTION: 647 Miles / 20" Crude Pipe Line, Patoka, IL to Corsicana, TX						
MP 66.64 - MP 82.72						
Leak Test						
DEADWEIGHT TESTER NO. Chandler				25602		
PRESSURE RECORDER NO. ITT Barton				242E-47061		
TEMPERATURE RECORDER NO. ITT Barton				242E-55357		
TIME	PRESSURE (PSIG)	AMBIENT TEMP (°F)	PIPE TEMP (°F)	GALLONS INJECTED (GAL)	GALLONS BLED OFF (GAL)	COMMENTS
3:30 PM	885.0	68.5	61.0	N/A	N/A	Start 4 Hour Leak Test
3:45 PM	885.0	68.5	61.0	"	"	
4:00 PM	885.0	69.0	61.0	"	"	
4:15 PM	885.0	69.0	61.0	"	"	
4:30 PM	885.0	69.0	61.0	"	"	
4:45 PM	885.0	68.0	61.0	"	"	
5:00 PM	885.0	67.5	61.0	"	"	
5:15 PM	885.0	67.0	61.0	"	"	
5:30 PM	885.0	66.0	61.0	"	"	
5:45 PM	885.0	65.0	61.0	"	"	
6:00 PM	885.0	64.5	61.0	"	"	
6:15 PM	885.0	64.0	61.0	"	"	
6:30 PM	885.0	63.5	61.0	"	"	
6:45 PM	885.0	63.0	61.0	"	"	
7:00 PM	885.0	61.5	61.0	"	"	
7:15 PM	885.0	60.5	61.0	"	"	
7:30 PM	885.0	60.0	61.0	"	"	End 4 Hour Leak Test

MOBIL PIPE LINE COMPANY

HYDROSTATIC PRESSURE TEST

647 Miles / 20" Crude Pipe Line, Patoka, IL to Corsicana, TX

Test Section 26

Canton, TX

MP 66.64 - MP 27.49

March 13, 2006

Memorandum

Date: 4/28/06

Subject: Hydrotest Review & Endorsement

To: <Hydrotest Report and HCA
Baseline Assessment File>

cc: <>

From: <Chris Gorman>

I've completed the review of the hydrostatic test report for Test Section - 26 (H26) for the Corsicana to Patoka Crude Line. It is consistent with my knowledge of the testing operations and facility and confirms we had a good test. The hydrotest and report documentation are accurate and thorough and will satisfy our needs for Data Integration, Risk & Threat Analysis, and Preventive & Mitigative Measures Analysis needed to comply with the HCA regulations and the testing requirements of DOT CFR Title 49, Part 195, Subpart E.



Chris D. Gorman
Pipeline Risk & Integrity Specialist
ExxonMobil Pipeline Company
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Corsicana, TX 75110
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903-654-5302 fax
903-654-1324 cell

MOBIL PIPE LINE COMPANY

647 Miles / 20" Crude Line, Patoka, IL to Corsicana, TX
Test Section 26 MP 66.64 – MP 27.49

Date and Time:

March 13, 2006, from 8:15 AM to 12:15 PM. - (Strength Test)
March 13, 2006, from 2:15 PM to 6:15 PM. - (Leak Test)

Facility Tested:

The test section consisted of 38.78 miles of 20"x 0.312" w.t., X-42 ERW pipe

Personnel Present:

Conducted by: C. J. Carter - Test Engineer – BJ Process & Pipeline Services
Witnessed by: Ricky Boulware - EMPCO – Test Site Inspector

Procedure:

On March 12, 2006, the piping was filled with water and the air was allowed to bleed through 2" valves. The test section was filled with water by moving water from previously hydrotested sections. The test section was pressurized to approximately 700 psig with BJ's positive-displacement pump at a rate of 15 psi/minute, and was allowed to stabilize over night. The test manifold, pressure recorder, and deadweight tester were connected to the test section as shown in the attached sketch.

The test section was pressurized at a rate of 10 psi/minute to 846 psi (approximately 80% of strength test pressure) by injecting water at MP 66.64 with a positive-displacement pump. Pressurization was halted for approximately 30 minutes while waiting for daylight and to allow for stabilization. The test section was then pressurized at a rate of 5 psi/min to test pressure of 1073 Psi. The pressure stabilized at 8:15 AM on March 13, 2006 at 1073.5 psi and the 4 hour strength test commenced. Once the 4 hour strength test was deemed successful, the pressure was then reduced by 100 psi. The pressures stabilized at 971 psi at 2:15 PM and the 4 hour leak test began.

Conclusion:

The strength test started at 8:15 AM on March 13th, 2006 and was held for 4 hours starting at a pressure of 1073.5 psi. Over the duration of the strength test, there was a pressure gain of 1.5 psi.

The leak test started at 2:15 PM on March 13th, 2006 and was held for 4 hours starting at a pressure of 871 psi. Over the duration of the leak test, there was a pressure gain of 1.5 psi. At this point the leak test was deemed successful.

The pressure trends over the duration of the leak test are within the accuracy of the instrumentation or within calculated fluctuations caused by temperature changes. The tests were deemed successful

Therefore, in my judgment, this constitutes a valid pressure test meeting the requirements of the Department of Transportation Code of Federal Regulations Title 49, Part 195 Subpart E.

Curtis J. Carter
Testing Engineer
BJ Process & Pipeline Services

CERTIFICATION OF PIPE LINE HYDROSTATIC PRESSURE TEST

CARRIER NAME Mobil Pipeline CompanyTESTING COMPANY NAME BJ Process & Pipeline ServicesPRESSURE TEST NUMBER Test Section 26 Strength Test DATE 3/13/2006

THIS IS TO CERTIFY THAT THE PIPE LINE OR PIPELINE SECTION DESCRIBED BELOW WAS HYDROSTATICALLY PRESSURE TESTED IN ACCORDANCE WITH THE FOLLOWING PROCEDURE:

PIPE LINE 20" Crude FROM Patoka, IL TO Corsicana, TXDESCRIPTION OF FACILITY TESTED Test Section 26 MP 66.64 - MP 27.49SECTION LENGTH 38.78 miles PIPE O.D. 20" WALL THICKNESS 0.312" GR. X-42 TYPE ERWLOCATION OF TEST PRESSURE RECORDER CONNECT MP 66.64 (See attached sketch)LOCATION OF TEMPERATURE RECORDER BULB MP 66.64 (See attached sketch)INITIAL PRESSURE AT POINT OF TEST 1073.0 psig TIME 8:15 AMINITIAL TEMPERATURE OF TEST SECT. 67.0 °F ELEV. AT POINT OF TEST 360 ft MSLINITIAL PRESSURE AT LOWEST ELEVATION POINT IN SECTION 1081.7 PSIG;ELEVATION 340 ft MSL; MP. 63.92 THE PRESSURE WAS MEASURED CALCULATEDINITIAL PRESSURE AT HIGHEST ELEVATION POINT IN SECTION 989.9 PSIG;ELEVATION 552 ft MSL; MP. 48.50 THE PRESSURE WAS MEASURED CALCULATEDFINAL PRESSURE AT POINT OF TEST 1074.5 PSIG TIME 12:15 PMFINAL TEMPERATURE OF TEST SECT. 66.5 °FTOTAL FLUID INJ. N/A GAL. TOTAL FLUID WITHDRAWN N/A GAL.NET CHANGE IN VOLUME OF THE TEST SECT N/A GAL.LENGTH OF TEST 4 HRS. 0 MIN; TESTING FLUID Water SPEC GVTY. 1.00 TEMP. N/A °FINITIAL PRESSURE 82 % OF SMYS AT THE TEST SITE 76 % AT HIGH POINT 83 % AT LOW POINT.MINIMUM TEST PRESSURE DURING A SELECTED 4 HOUR PERIOD (TEST PRESSURE) 1073.0 PSIGMAXIMUM ALLOWABLE OPERATING PRESSURE 858 PSIG. at test site. BASED ON - % SMYS
OR 80% of minimum test pressure at test site.WERE THERE ANY LEAKS? YES NO; IF YES, EXPLAIN _____

WAS EVERY COMPONENT THAT WILL BE SUBJECTED TO THE SYSTEM WORKING PRESSURE

HYDROSTATICALLY TESTED? YES NO; IF NO, EXPLAIN _____PRESSURE RECORDER MAKE AND SERIAL N Chandler 23087 ITT Barton 242E-51492TEMPERATURE RECORDER MAKE AND SERIAL N ITT Barton 242E-51492 ITT Barton 242E-46150REMARKS: Tested in accordance with D.O.T. CFR Title 49 Part 195 Subpart E.CONDUCTED BY Curtis Carter TITLE BJ PPS Test EngineerCERTIFIED BY Chris Gorman *Chris Gorman* TITLE Risk & Integrity Specialist, EMPCoWITNESSED BY Ricky Boulware TITLE EMPCO Test Site InspectorWITNESSED BY Chris Gorman *Chris Gorman* TITLE R&I SNOTE: SEE DOT LIQUIDS MANUAL *on site and via teleconference*

CERTIFICATION OF PIPE LINE HYDROSTATIC PRESSURE TEST

CARRIER NAME Mobil Pipeline CompanyTESTING COMPANY NAME BJ Process & Pipeline ServicesPRESSURE TEST NUMBER Test Section 26 Leak Test DATE 3/13/2006

THIS IS TO CERTIFY THAT THE PIPE LINE OR PIPELINE SECTION DESCRIBED BELOW WAS HYDROSTATICALLY PRESSURE TESTED IN ACCORDANCE WITH THE FOLLOWING PROCEDURE:

PIPE LINE 20" Crude FROM Patoka, IL TO Corsicana, TXDESCRIPTION OF FACILITY TESTED Test Section 26 MP 66.64 - MP 27.49SECTION LENGTH 38.78 miles PIPE O.D. 20" WALL THICKNESS 0.312" GR. X-42 TYPE ERWLOCATION OF TEST PRESSURE RECORDER CONNECTION MP 66.64 (See attached sketch)LOCATION OF TEMPERATURE RECORDER BULB MP 66.64 (See attached sketch)INITIAL PRESSURE AT POINT OF TEST 971.0 psig TIME 2:15 PMINITIAL TEMPERATURE OF TEST SECT. 66.0 °F ELEV. AT POINT OF TEST N/A MSLINITIAL PRESSURE AT LOWEST ELEVATION POINT IN SECTION N/A PSIG;ELEVATION N/A MSL; MP. N/A THE PRESSURE WAS MEASURED CALCULATEDINITIAL PRESSURE AT HIGHEST ELEVATION POINT IN SECTION N/A PSIG;ELEVATION N/A MSL; MP. N/A THE PRESSURE WAS MEASURED CALCULATEDFINAL PRESSURE AT POINT OF TEST 972.5 PSIG TIME 6:15 PMFINAL TEMPERATURE OF TEST SECT. 66.0 °FTOTAL FLUID INJ. N/A GAL. TOTAL FLUID WITHDRAWN N/A GAL.NET CHANGE IN VOLUME OF THE TEST SECT. N/A GAL.LENGTH OF TEST 4 HRS. 0 MIN; TESTING FLUID Water SPEC GVTY. 1.00 TEMP. N/A °FINITIAL PRESSURE N/A % OF SMYS AT THE TEST SITE N/A % AT HIGH POINT N/A % AT LOW POINT.MINIMUM TEST PRESSURE DURING A SELECTED 4 HOUR PERIOD (TEST PRESSURE) 971.0 PSIGMAXIMUM ALLOWABLE OPERATING PRESSURE 856 PSIG. at test site BASED ON - % SMYS
OR 80% of minimum test pressure of 1073.0 psig at the test site during the 4 hour strength test.WERE THERE ANY LEAKS? YES NO; IF YES, EXPLAIN _____

WAS EVERY COMPONENT THAT WILL BE SUBJECTED TO THE SYSTEM WORKING PRESSURE

HYDROSTATICALLY TESTED? YES NO; IF NO, EXPLAIN _____PRESSURE RECORDER MAKE AND SERIAL NO. Chandler 23087 ITT Barton 242E-51492TEMPERATURE RECORDER MAKE AND SERIAL NO. ITT Barton 242E-51492 ITT Barton 242E-46150REMARKS: Tested in accordance with D.O.T. CFR Title 49 Part 195 Subpart E.CONDUCTED BY Curtis Carter TITLE BJ PPS Test EngineerCERTIFIED BY Chris Gorman TITLE Risk & Integrity Specialist, EMPCoWITNESSED BY Ricky Boulware TITLE EMPCO Test Site InspectorWITNESSED BY Chris Gorman TITLE R&I SNOTE: SEE DOT LIQUIDS MANUAL on site and via teleconference

MOBIL PIPE LINE COMPANY

HYDROSTATIC PRESSURE TEST DATA SHEET

DATE: FROM 3/13/2006 TO 3/13/2006

TEST NUMBER: Section 26

TIME: 8:15 AM 12:15 PM

DESCRIPTION: 647 Miles / 20" Crude Pipe Line, Patoka, IL to Corsicana, TX
 MP 66.64 - MP 27.49
Strength Test

DEADWEIGHT TESTER NO. Chandler 23087
 PRESSURE RECORDER NO. ITT Barton 242E-51492
 TEMPERATURE RECORDER NO. ITT Barton 242E-46150

TIME	PRESSURE (PSIG)	AMBIENT TEMP (°F)	PIPE TEMP (°F)	GALLONS INJECTED (GAL)	GALLONS BLED OFF (GAL)	COMMENTS
8:15 AM	1073.0	58.0	67.0	N/A	N/A	Start 4 Hour Strength Test
8:30 AM	1073.0	58.0	67.0	"	"	
8:45 AM	1073.0	58.5	67.0	"	"	
9:00 AM	1073.0	58.5	67.0	"	"	
9:15 AM	1073.0	58.5	67.0	"	"	
9:30 AM	1073.5	59.0	67.0	"	"	
9:45 AM	1073.5	59.5	67.0	"	"	
10:00 AM	1073.5	60.0	67.0	"	"	
10:15 AM	1073.5	60.0	67.0	"	"	
10:30 AM	1073.5	60.5	67.0	"	"	
10:45 AM	1073.5	61.5	67.0	"	"	
11:00 AM	1073.5	62.0	66.5	"	"	
11:15 AM	1073.5	63.0	66.5	"	"	
11:30 AM	1073.5	63.0	66.5	"	"	
11:45 AM	1073.5	63.0	66.5	"	"	
12:00 PM	1074.5	64.5	66.5	"	"	
12:15 PM	1074.5	65.0	66.5	"	"	End 4 Hour Strength Test

MOBIL PIPE LINE COMPANY

HYDROSTATIC PRESSURE TEST DATA SHEET

DATE: FROM 3/13/2006 TO 3/13/2006

TEST NUMBER: Section 26

TIME: 2:15 PM 6:15 PM

DESCRIPTION: 647 Miles / 20" Crude Pipe Line, Patoka, IL to Corsicana, TX
 MP 66.64 - MP 27.49
Leak Test

DEADWEIGHT TESTER NO. Chandler 23087
 PRESSURE RECORDER NO. ITT Barton 242E-51492
 TEMPERATURE RECORDER NO. ITT Barton 242E-46150

TIME	PRESSURE (PSIG)	AMBIENT TEMP (°F)	PIPE TEMP (°F)	GALLONS INJECTED (GAL)	GALLONS BLED OFF (GAL)	COMMENTS
2:15 PM	971.0	71.5	66.0	N/A	N/A	Start 4 Hour Leak Test
2:30 PM	971.0	71.5	66.0	"	"	
2:45 PM	971.0	72.0	66.0	"	"	
3:00 PM	971.0	72.0	66.0	"	"	
3:15 PM	971.0	71.0	66.0	"	"	
3:30 PM	971.0	73.5	66.0	"	"	
3:45 PM	971.5	71.5	66.0	"	"	
4:00 PM	971.5	71.0	66.0	"	"	
4:15 PM	971.5	71.5	66.0	"	"	
4:30 PM	971.5	71.5	66.0	"	"	
4:45 PM	971.5	72.5	66.0	"	"	
5:00 PM	971.5	71.0	66.0	"	"	
5:15 PM	972.0	66.5	66.0	"	"	
5:30 PM	972.0	65.0	66.0	"	"	
5:45 PM	972.0	64.0	66.0	"	"	
6:00 PM	972.5	63.0	66.0	"	"	
6:15 PM	972.5	62.0	66.0	"	"	End 4 Hour Leak Test

MOBIL PIPE LINE COMPANY

HYDROSTATIC PRESSURE TEST

647 Miles / 20" Crude Pipe Line, Patoka, IL to Corsicana, TX

Test Section 27

Corsicana, Tx

MP 00.01 - MP 27.49

March 17, 2006

Memorandum

Date: 4/28/06

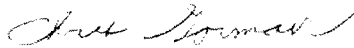
Subject: Hydrotest Review & Endorsement

To: <Hydrotest Report and HCA
Baseline Assessment File>

cc: <>

From: <Chris Gorman>

I've completed the review of the hydrostatic test report for Test Section - 27 (H27) for the Corsicana to Patoka Crude Line. It is consistent with my knowledge of the testing operations and facility and confirms we had a good test. The hydrotest and report documentation are accurate and thorough and will satisfy our needs for Data Integration, Risk & Threat Analysis, and Preventive & Mitigative Measures Analysis needed to comply with the HCA regulations and the testing requirements of DOT CFR Title 49, Part 195, Subpart E.



Chris D. Gorman
Pipeline Risk & Integrity Specialist
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MOBIL PIPE LINE COMPANY

647 Miles / 20" Crude Line, Patoka, IL to Corsicana, TX Test Section 27 MP 00.01 - MP 27.49

Date and Time:

March 17, 2006, from 2:30 PM to 6:30 PM. (Strength Test)

March 17, 2006, from 6:30 PM to 10:30 PM. (Leak Test)

Facility Tested:

The test section consisted of 27.49 miles of 20" x 0.312" w.t., X-42 ERW pipe

Personnel Present:

Conducted by: C.J. Carter - Test Engineer - BJ Process & Pipeline Services

Witnessed by: Ricky Boulware – EMPCO Test Site Inspector

Procedure:

On March 17, 2006, the piping was filled with water and the air was allowed to bleed through 2" valves. The test section was filled with water by moving water from previously hydrotested sections and from a frac tank. The test manifold, pressure recorder, and deadweight tester were connected to the test section as shown in the attached sketch.

The test section was pressurized at a rate of 10 psi/minute to 846 psi (approximately 80% of strength test pressure) by injecting water at MP 0.01 with a positive-displacement pump. Pressurization was halted for approximately 30 minutes to allow for stabilization. The test section was then pressurized at a rate of 5 psi/min to test pressure of 1058 psi. The pressure stabilized at 1058 psi at 2:30 PM and the 4 hour strength test commenced.

Conclusion:

The strength test started at 2:30 PM on March 17th, 2006 and was held for 4 hours starting at a pressure of 1058 psi. Over the duration of the strength test, there was a continuous pressure loss due to a leaking check valve MP 23.42. During the strength test there were three (3) water injection events totaling 105 gallons performed to maintain minimum test pressures required for the desired MAOP. The leak test started at 6:30 PM on March 17, 2006 and was held for 4 hours commencing at a pressure of 1056 psi. Over the duration of the leak test, there was a pressure loss of 8.0 psi – again due to the leaking check valve at MP 23.42. Imminent bad weather threatened the testing operations therefore it was decided to replace the check valve gasket after the 4 hour leak test was completed. The water leak at MP 23.42 was collected, measured and recorded and corresponded to ROPI calculations for the equivalent pressure losses. At this point both the strength test and leak test were deemed successful.

The pressure trends over the duration of the strength and leak tests are within the accuracy of the instrumentation or within calculated fluctuations caused by temperature changes.

Therefore, in my judgment, this constitutes a valid pressure test meeting the requirements of the Department of Transportation Code of Federal Regulations Title 49, Part 195 Subpart E.

Curtis J. Carter
Testing Engineer
BJ Process & Pipeline Services

CERTIFICATION OF PIPE LINE HYDROSTATIC PRESSURE TEST

CARRIER NAME Mobil Pipeline CompanyTESTING COMPANY NAME BJ Process & Pipeline ServicesPRESSURE TEST NUMBER Test Section 27 Leak Test DATE 3/17/2006

THIS IS TO CERTIFY THAT THE PIPE LINE OR PIPELINE SECTION DESCRIBED BELOW WAS HYDROSTATICALLY PRESSURE TESTED IN ACCORDANCE WITH THE FOLLOWING PROCEDURE:

PIPE LINE 20" Crude FROM Patoka, IL TO Corsicana, TXDESCRIPTION OF FACILITY TESTED Test Section 27 MP 00 01 - MP 27 49SECTION LENGTH 27.49 miles PIPE O.D. 20" WALL THICKNESS 0.312" GR. X-42 TYPE ERWLOCATION OF TEST PRESSURE RECORDER CONNECTION MP 00.01 (See attached sketch)LOCATION OF TEMPERATURE RECORDER BULB MP 00.01 (See attached sketch)INITIAL PRESSURE AT POINT OF TEST 1056.0 psig TIME 6:30 PMINITIAL TEMPERATURE OF TEST SECT. 63.7 °F ELEV. AT POINT OF TEST N/A MSLINITIAL PRESSURE AT LOWEST ELEVATION POINT IN SECTION N/A PSIG;ELEVATION N/A MSL; MP. N/A THE PRESSURE WAS MEASURED CALCULATEDINITIAL PRESSURE AT HIGHEST ELEVATION POINT IN SECTION N/A PSIG;ELEVATION N/A MSL; MP. N/A THE PRESSURE WAS MEASURED CALCULATEDFINAL PRESSURE AT POINT OF TEST 1048.0 PSIG TIME 10:15 PMFINAL TEMPERATURE OF TEST SECT. 63.5 °FTOTAL FLUID INJ. 0 GAL. TOTAL FLUID WITHDRAWN 65.3 GAL.NET CHANGE IN VOLUME OF THE TEST SECT. (65.3) GAL.LENGTH OF TEST 4 HRS. 0 MIN; TESTING FLUID Water SPEC GVTY. 1.00 TEMP. 60 °FINITIAL PRESSURE N/A % OF SMYS AT THE TEST SITE N/A % AT HIGH POINT N/A % AT LOW POINT.MINIMUM TEST PRESSURE DURING A SELECTED 4 HOUR PERIOD (TEST PRESSURE) 1048.0 PSIGMAXIMUM ALLOWABLE OPERATING PRESSURE 844 PSIG. at test site BASED ON - % SMYSOR 80% of minimum test pressure of 1054.5 psig at the test site during the 4 hour strength testWERE THERE ANY LEAKS? YES NO; IF YES, EXPLAIN Leaking bonnet gasket on check Valve at MP 23.42 Check Valve gasket was replaced after completion of test.

WAS EVERY COMPONENT THAT WILL BE SUBJECTED TO THE SYSTEM WORKING PRESSURE

HYDROSTATICALLY TESTED? YES NO; IF NO, EXPLAIN _____PRESSURE RECORDER MAKE AND SERIAL NO Chandler 25602 ITT Barton 242E-47061TEMPERATURE RECORDER MAKE AND SERIAL NO. ITT Barton 242E-47061 ITT Barton 242E-55357REMARKS: During the 4 hour strength test injections were made to maintain minimum test pressure required for desired MAOP. Withdrawals/leaks were measured and ROPI calcs were performed only during the 4 hour leak test. immanent bad weather threatened the testing operations so it was decided to replace the Check Valve gasket after the test was completed. Tested in accordance with D O.T. CFR Title 49 Part 195 Subpart E.CONDUCTED BY Curtis Carter TITLE BJ PPS Test EngineerCERTIFIED BY Chris Gorman *Chris Gorman* TITLE Risk & Integrity Specialist, EMPCoWITNESSED BY Ricky Boulware TITLE EMPCO Test Site InspectorWITNESSED BY Chris Gorman - Via Teleconference *Chris Gorman* TITLE Risk & Integrity Specialist, EMPCoNOTE: SEE DOT LIQUIDS MANUAL *and on site*

CERTIFICATION OF PIPE LINE HYDROSTATIC PRESSURE TEST

CARRIER NAME Mobil Pipeline CompanyTESTING COMPANY NAME BJ Process & Pipeline ServicesPRESSURE TEST NUMBER Test Section 27 Strength Test DATE 3/17/2006

THIS IS TO CERTIFY THAT THE PIPE LINE OR PIPELINE SECTION DESCRIBED BELOW WAS HYDROSTATICALLY PRESSURE TESTED IN ACCORDANCE WITH THE FOLLOWING PROCEDURE:

PIPE LINE 20" Crude FROM Patoka, IL TO Corsicana, TXDESCRIPTION OF FACILITY TESTED Test Section 27 MP 00.01 - MP 27.49SECTION LENGTH 27.49 miles PIPE O.D. 20" WALL THICKNESS 0.312" GR. X-42 TYPE ERWLOCATION OF TEST PRESSURE RECORDER CONNECT MP 00.01 (See attached sketch)LOCATION OF TEMPERATURE RECORDER BULB MP 00.01 (See attached sketch)INITIAL PRESSURE AT POINT OF TEST 1058.0 psig TIME 2:30 PMINITIAL TEMPERATURE OF TEST SECT. 67.0 °F ELEV. AT POINT OF TEST 417 ft MSLINITIAL PRESSURE AT LOWEST ELEVATION POINT IN SECTION 1123.0 PSIG;ELEVATION 267 ft MSL; MP. 18.07 THE PRESSURE WAS MEASURED CALCULATEDINITIAL PRESSURE AT HIGHEST ELEVATION POINT IN SECTION 1047.2 PSIG;ELEVATION 442 ft MSL; MP. 0.25 THE PRESSURE WAS MEASURED CALCULATEDFINAL PRESSURE AT POINT OF TEST 1056 PSIG TIME 6:30 PMFINAL TEMPERATURE OF TEST SECT. 66.5 °FTOTAL FLUID INJ. 105 GAL. TOTAL FLUID WITHDRAWN N/A GAL.NET CHANGE IN VOLUME OF THE TEST SECT N/A GAL.LENGTH OF TEST 4 HRS. 0 MIN; TESTING FLUID Water SPEC GVTY. 1.00 TEMP. 60 °FINITIAL PRESSURE 81 % OF SMYS AT THE TEST SITE 80 % AT HIGH POINT 86 % AT LOW POINT.MINIMUM TEST PRESSURE DURING A SELECTED 4 HOUR PERIOD (TEST PRESSURE) 1054.5 PSIGMAXIMUM ALLOWABLE OPERATING PRESSURE 844 PSIG. at test site. BASED ON - % SMYS
OR 80% of minimum test pressure at test siteWERE THERE ANY LEAKS? YES NO; IF YES, EXPLAIN Leaking bonnet gasket on check Valve at MP 23.42 Check Valve gasket was replaced after completion of test

WAS EVERY COMPONENT THAT WILL BE SUBJECTED TO THE SYSTEM WORKING PRESSURE

HYDROSTATICALLY TESTED? YES NO; IF NO, EXPLAIN _____PRESSURE RECORDER MAKE AND SERIAL N Chandler 25602 ITT Barton 242E-47061TEMPERATURE RECORDER MAKE AND SERIAL N ITT Barton 242E-47061 ITT Barton 242E-55357REMARKS: During the 4 hour strength test injections were made to maintain minimum test pressure required for desired MAOP. Withdrawals/leaks were measured and ROPI calcs were performed only during the 4 hour leak test. Imminent bad weather threatened the testing operations so it was decided to replace the Check Valve gasket after the test was completed. Tested in accordance with D.O.T. CFR Title 49 Part 195 Subpart ECONDUCTED BY Curtis Carter TITLE BJ PPS Test EngineerCERTIFIED BY Chris Gorman Chris Gorman TITLE Risk & Integrity Specialist, EMPCoWITNESSED BY Ricky Boulware TITLE EMPCO Test Site InspectorWITNESSED BY Chris Gorman - Via Teleconference Chris Gorman TITLE Risk & Integrity Specialist, EMPCoNOTE: SEE DOT LIQUIDS MANUAL and on file

MOBIL PIPE LINE COMPANY						
HYDROSTATIC PRESSURE TEST DATA SHEET				DATE:	FROM 3/17/2006	TO 3/17/2006
TEST NUMBER: Section 27				TIME:	2:30 PM	4:30 PM
DESCRIPTION: 647 Miles / 20" Crude Pipe Line, Patoka, IL to Corsicana, TX						
MP 00.01 - MP 27.49						
<u>Strength Test</u>						
DEADWEIGHT TESTER NO. Chandler				25602		
PRESSURE RECORDER NO. ITT Barton				242E-47061		
TEMPERATURE RECORDER NO. ITT Barton				242E-55357		
TIME	PRESSURE (PSIG)	AMBIENT TEMP (°F)	PIPE TEMP (°F)	GALLONS INJECTED (GAL)	GALLONS BLED OFF (GAL)	COMMENTS
2:30 PM	1058.0	71.0	67.0	N/A	N/A	Start 4 Hour Strength Test
2:45 PM	1057.0	69.0	67.0	"	"	Leak found at Check Valve at MP 23.42
3:00 PM	1056.0	69.0	67.0	"	"	
3:15 PM	1054.5	69.0	67.0	"	"	
3:30 PM	1058.0	69.0	67.0	35	"	Injected 35 gal. of water to bring
3:45 PM	1057.0	69.0	67.0	"	"	pressure up to 1056.0 psig
4:00 PM	1056.0	69.0	67.0	"	"	
4:15 PM	1055.5	69.0	67.0	"	"	
4:30 PM	1055.0	69.0	67.0	"	"	
4:45 PM	1057.5	69.0	67.0	35	"	Injected 35 gal. of water to bring
5:00 PM	1056.5	69.0	67.0	"	"	pressure up to 1057.5 psig
5:15 PM	1056.0	68.0	66.5	"	"	
5:30 PM	1055.5	68.0	66.5	"	"	
5:45 PM	1058.5	67.0	66.5	35	"	Injected 35 gal. of water to bring
6:00 PM	1057.5	66.0	66.5	"	"	pressure up to 1058.5 psig
6:15 PM	1057.0	65.5	66.5	"	"	
6:30 PM	1056.0	65.0	66.5	"	"	End 4 Hour Strength Test

MOBIL PIPE LINE COMPANY						
HYDROSTATIC PRESSURE TEST DATA SHEET				DATE:	FROM 3/17/2006	TO 3/17/2006
TEST NUMBER: Section 27				TIME:	4:30 PM	10:30 PM
DESCRIPTION: 647 Miles / 20" Crude Pipe Line, Patoka, IL to Corsicana, TX						
MP 00.01 - MP 27.49						
<u>Leak Test</u>						
DEADWEIGHT TESTER NO. Chandler				25602		
PRESSURE RECORDER NO. ITT Barton				242E-47061		
TEMPERATURE RECORDER NO. ITT Barton				242E-55357		
TIME	PRESSURE (PSIG)	AMBIENT TEMP (°F)	PIPE TEMP (°F)	GALLONS INJECTED (GAL)	GALLONS BLED OFF (GAL)	COMMENTS
6:30 PM	1056.0	65.0	63.7	N/A	N/A	Start 4 Hour Leak Test
6:45 PM	1055.5	65.0	63.7	"	"	
7:00 PM	1055.0	65.0	63.7	"	"	Straight Line Pressure drop due to
7:15 PM	1054.5	65.0	63.7	"	"	leaking Check Valve at MP 23.42
7:30 PM	1054.0	65.0	63.7	"	"	
7:45 PM	1053.5	65.0	63.7	"	"	
8:00 PM	1053.0	65.0	63.7	"	"	
8:15 PM	1052.5	65.0	63.7	"	"	
8:30 PM	1052.0	65.0	63.7	"	"	
8:45 PM	1051.5	65.0	63.7	"	"	
9:00 PM	1051.0	64.5	63.5	"	"	
9:15 PM	1050.5	64.0	63.5	"	"	
9:30 PM	1050.0	64.0	63.5	"	"	
9:45 PM	1049.5	64.0	63.5	"	"	
10:00 PM	1049.0	64.0	63.5	"	"	
10:15 PM	1048.5	63.5	63.5	"	"	
10:30 PM	1048.0	63.0	63.5	"	"	End 4 Hour Leak Test