

Updated 4/8/2021  
 Natural Gas Pipeline 2021 Pipeline Outage and Maintenance Summary

This is a summary of the current status of all NGPL 2021 Pipeline Outages and Maintenance Projects. This document is subject to change as the season progresses to reflect the updated status of all outages and maintenance projects including, but not limited to, project delays, cancellations and additions. Additionally, anticipated impact and restrictions are subject to change.

\*Unless otherwise noted, all listed meters will be physically shut-in for the duration of the project.

\*Unless otherwise noted, all scheduled dates represent gas days as defined in the Natural Gas Pipeline tariff to mean a period of twenty-four consecutive hours, beginning and ending at 9:00 a.m. (Central Clock Time).

\*Typical Timeline for ILI reporting is below.

Type of In-Line Inspection tool	# of weeks to determine a successful run	# of weeks to Preliminary Report	# of Weeks to Final Aligned Report
MFL	1-2	3-4	8-13
AFD	2-3	3-4	12-16
EMAT	2-3	N/A	17-30

\*\*\* Indicates revision

Outage #	Revised	Start Date	End Date	Reason Changed	Prev. Start Date	Prev. End Date	System	Line	Segment	Location	Scheduling Location	Maintenance Activity	Restriction Level	Pool Location	Meter(s) in Impacted Area
X20-877776		09/24/20	UFN				AM	INDIAN BASIN	7	CS 167	CS 167	Force Majeure - See latest Force Majeure Posting on Natural's EBB	Effective for gas day Thursday, September 24, 2020, Intraday 1 Cycle, Natural will schedule all transports to 0% of contract MDQ into and out of Segment 7, Segment 8 and Segment 9 of the Permian Zone are not impacted by this force majeure event.		
X20-889288		12/01/20	04/15/21				AM		8	168		Station Maintenance	This project has an impact to maximum capacity. However, in order to mitigate customer impact and based on current operating conditions, Natural does not anticipate limiting primary firm transport services, at this time. If conditions change Natural will post an update.		
X20-1105714		02/22/21	04/16/21				GC	GC #2	26		TBD	Pipeline Integrity	If remediation is required, all transport services are at risk of not being fully scheduled.		
X20-1043455	***	03/23/21	04/01/21	Completed			GC	GC #3	28	310		ILI Tool Runs - Cleaning 3/23-3/24, Gauge 3/25-3/26, AFD 3/29-3/30, EMAT 3/31-4/1	No anticipated impact.		
X20-1046870	***	03/29/21	04/07/21	Completed			AM		14	110/113		ILI Tool Runs - Cleaning 3/29-3/30, Gauge 3/31-4/1, AFD 4/6-4/7	No anticipated impact.		
X21-44751	***	03/30/21	04/09/21	Project Change	3/30/21	4/08/21	AM	OE #1	6	154		ILI Tool Runs - Cleaning 3/30, Gauge 3/31, AFD 4/6, EMAT 4/9	No anticipated impact.		
X21-342112	***	04/08/21	04/12/21	Added			AM		13	Mills County CS	NNG Mills - LOC 900203	Force Majeure - See latest Force Majeure Posting on Natural's EBB	Effective for gas day Thursday, April 8, 2021, Intraday 3 Cycle, and anticipated to continue through gas day Monday, April 12, 2021, Natural will not schedule any deliveries to NNG Mills interconnect until the repairs have been completed.		NNG Mills - LOC 900203
X20-1066121		04/12/21	04/15/21				AM	AM #3	12	196/107		ILI Tool Runs - Cleaning/Gauge 4/13, Caliper 4/14, MFL 4/15	This project has an impact to maximum capacity. However, in order to mitigate customer impact and based on current operating conditions, Natural does not anticipate limiting primary firm transport services, at this time. If conditions change Natural will post an update.		
X20-1066074		04/12/21	05/06/21				MKT	ILLINOIS LATERAL #1	29	110/116	TBD	Pipeline Integrity	If remediation is required, all transport services are at risk of not being fully scheduled.		
X20-1043494	***	04/19/21	05/18/21	Project Change	4/13/21	4/30/21	GC	GC #3	28	311		ILI Tool Runs - Cleaning 4/19-4/20, Gauge 4/22-4/23, AFD 4/26-4/27, EMAT 4/29-5/1, MFL/Caliper 5/18-5/19	Transport Impact to be determined		
X20-1066108		04/20/21	04/21/21				AM	AM #4	10	102		ILI Tool Runs - Cleaning/Gauge 4/20, MFL/Caliper 4/21	No Anticipated Impact		
X20-1066116		04/20/21	04/29/21				AM	AM #3	13	107/108	107	ILI Tool Runs - Cleaning 4/20, Gauge 4/22, MFL/Caliper 4/28	Primary/SIP Firm transports will be scheduled to no less than 57% of contract MDQ through CS 107. AOR/ITS and Secondary out-of-path Firm transports are not available.	Amarillo M/L: South of Constraint	
X21-237271	***	04/20/21	04/25/21	Project Change			GC		25	343	302	Force Majeure - See latest Force Majeure Posting on Natural's EBB	Primary/SIP Firm transports will be scheduled to no less than 74% of contract MDQ through CS 302. AOR/ITS and Secondary out-of-path Firm transports are not available.	TEXOK GC: West of Constraint	
X20-1105759		04/20/21	05/23/21				GC	GC #1	26	303	303	Pipeline Maintenance	Primary/SIP Firm transports will be scheduled to no less than 96% of contract MDQ through CS 303. AOR/ITS and Secondary out-of-path Firm transports are not available.  Transports associated with storage injections and withdrawals will be impacted.	TEXOK GC: North of Constraint	
X20-1031872		04/21/21	04/29/21				AM	PERMIAN #2	8	168		ILI Tool Run - Cleaning 4/21, Gauge 4/22, Cleaning 4/23 and 4/24, AFD 4/27, EMAT 4/29	This project has an impact to maximum capacity. However, in order to mitigate customer impact and based on current operating conditions, Natural does not anticipate limiting primary firm transport services, at this time. If conditions change Natural will post an update.		

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X20-1066014		04/26/21	05/28/21				MKT	ROCKFORD LATERAL #2	29	113	TBD	Pipeline Integrity	If remediation is required, all transport services are at risk of not being fully scheduled.		
X20-1066111		04/27/21	04/28/21				AM	AM #4	10	103		ILI Tool Runs - Cleaning/Gauge 4/27, MFL/Caliper 4/28	No Anticipated Impact		
X20-1066117		05/04/21	05/21/21				AM	AM #2	13	107/108		ILI Tool Runs - Cleaning/Gauge 5/4-5/5, Cleaning 5/6-5/7, Cleaning 5/11-5/12, Cleaning 5/13-5/14, MFL/Caliper 5/18-5/19, Hard Spot 5/20-5/21	This project has an impact to maximum capacity. However, in order to mitigate customer impact and based on current operating conditions, Natural does not anticipate limiting primary firm transport services, at this time. If conditions change Natural will post an update.		
X20-1128226		05/04/21	06/10/21				GC	GC #2	22	300/341	TBD	Pipeline Integrity	If remediation is required, all transport services are at risk of not being fully scheduled.		
X20-1066181		05/10/21	05/28/21				AM	AM #2	14	109	TBD	Pipeline Integrity	If remediation is required, all transport services are at risk of not being fully scheduled.		
X21-27090	***	05/11/21	08/05/21	Project Change			GC	GC #1	26	304	304	Install Launcher and Receiver	This project has an impact to maximum capacity. However, in order to mitigate customer impact and based on current operating conditions, Natural does not anticipate limiting primary firm transport services, at this time. If conditions change Natural will post an update.		
X20-1066028		05/11/21	05/24/21				MKT	VOLO #2	40	113	TBD	Pipeline Integrity	If remediation is required, all transport services are at risk of not being fully scheduled.		
X20-1066113	***	05/17/21	05/25/21	Project Change			AM	AM #3	6	102		ILI Tool Runs - Cleaning/Gauge 5/17, MFL/Caliper 5/25	This project has an impact to maximum capacity. However, in order to mitigate customer impact and based on current operating conditions, Natural does not anticipate limiting primary firm transport services, at this time. If conditions change Natural will post an update.		
X20-1031880		05/18/21	05/18/21				AM	PERMIAN #2	8	168		ILI Tool Run - MFL/Caliper 5/18	This project has an impact to maximum capacity. However, in order to mitigate customer impact and based on current operating conditions, Natural does not anticipate limiting primary firm transport services, at this time. If conditions change Natural will post an update.		
X20-1128209		06/01/21	06/30/21				GC	GC #2	22	301/300	TBD	Pipeline Integrity	If remediation is required, all transport services are at risk of not being fully scheduled.		
X20-1124179		06/02/21	06/30/21				AM	AM #3 / AM #5	10	102		Install Launcher and Receiver	Transport Impact to be determined		
X20-1066187		06/02/21	07/01/21				AM	AM #3	11	104/105	TBD	Pipeline Integrity	If remediation is required, all transport services are at risk of not being fully scheduled.		
X21-36204		06/04/21	06/30/21				GC	LA #2	25	343	302	Pipeline Maintenance	Natural will schedule Primary Firm and Secondary in-path Firm transports to 83% of contract MDQ through CS 302. The stated scheduling percentage is based upon the current level of firm capacity contracted for during this event and is subject to change based upon system requirements. AOR/ITS and Secondary out-of-path Firm transports will not be available.  Transports associated with storage injections and withdrawals will be impacted.	TEXOK GC; West of Constraint	
X21-44755	***	06/08/21	06/15/21	Project Change			AM	PERMAIN #2	10	102		ILI Tool Runs - Cleaning 6/8, Gauge 6/9, Cleaning 6/10, MFL/Caliper 6/15	This project has an impact to maximum capacity. However, in order to mitigate customer impact and based on current operating conditions, Natural does not anticipate limiting primary firm transport services, at this time. If conditions change Natural will post an update.		
X20-1066215		06/15/21	06/28/21				AM	AM #3	11	105/106	TBD	Pipeline Integrity	If remediation is required, all transport services are at risk of not being fully scheduled.		
X20-1012405		06/22/21	06/29/21				MKT	HERSCHER DISCHARGE	35	201		Pipeline Maintenance	Transport Impact to be determined		
X20-1012418		06/22/21	06/29/21				MKT	HERSCHER DISCHARGE	35	201		Hot Tap Installation	No Anticipated Impact		
X20-1128316		06/25/21	07/16/21				GC	GC #2	22	302/301	TBD	Pipeline Integrity	If remediation is required, all transport services are at risk of not being fully scheduled.		
X20-1066219		06/29/21	07/02/21				AM	AM #2	11	105	TBD	Pipeline Integrity	If remediation is required, all transport services are at risk of not being fully scheduled.		
X20-1108164		07/05/21	07/25/21				AM	AM #2	14	110	110	Install Launcher and Receiver	Transport Impact to be determined		
X21-159159		07/05/21	07/16/21				AM	AM #2	14	110	110	Pipeline Maintenance	Transport Impact to be determined		
X20-1128300		07/10/21	08/10/21				GC	GC #3	26	303/302	TBD	Pipeline Integrity	If remediation is required, all transport services are at risk of not being fully scheduled.		
X21-44756		07/12/21	08/08/21				AM	OE #1	5	156/184	TBD	Pipeline Integrity	If remediation is required, all transport services are at risk of not being fully scheduled.		
X20-1066122	***	07/19/21	07/22/21	Project Change			AM	AM #2	12	107		ILI Tool Runs - Cleaning/Gauge 7/19, Cleaning 7/20, MFL/Caliper 7/21, Hard Spot 7/22	This project has an impact to maximum capacity. However, in order to mitigate customer impact and based on current operating conditions, Natural does not anticipate limiting primary firm transport services, at this time. If conditions change Natural will post an update.		
X21-110273		07/26/21	09/30/21				AM	AM #2	11	105/106	TBD	Pipeline Integrity	If remediation is required, all transport services are at risk of not being fully scheduled.		

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X20-1066123	***	07/26/21	07/29/21	Project Change			AM	AM #2	12	107		ILI Tool Runs - Cleaning/Gauge 7/26, Cleaning 7/27, MFL/Caliper 7/28, Hard Spot 7/29	This project has an impact to maximum capacity. However, in order to mitigate customer impact and based on current operating conditions, Natural does not anticipate limiting primary firm transport services, at this time. If conditions change Natural will post an update.		
X20-1066093		08/02/21	08/13/21				MKT	CRAWFORD #1	31	113	TBD	Pipeline Integrity	If remediation is required, all transport services are at risk of not being fully scheduled.		
X20-1128328		08/10/21	09/17/21					GC #3	NGPL	304/303	TBD	Pipeline Integrity	If remediation is required, all transport services are at risk of not being fully scheduled.		
X20-1090082		08/17/21	09/07/21				GC	GC #3	26	303	303	Pipeline Maintenance	Transport Impact to be determined		
X21-220601		08/31/21	09/07/21				AM	AM #3	14	110	110	ILI Tool Runs - Cleaning 8/31, Gauge 9/2, MFL/Caliper 9/7	No anticipated impact.		
X20-1066105		09/02/21	10/08/21				MKT		32	113	TBD	Pipeline Integrity	If remediation is required, all transport services are at risk of not being fully scheduled.		
X20-1105757		09/27/21	11/30/21				GC	GC #1	22	302/301	302	Pipeline Maintenance	Transport Impact to be determined		
X20-1105758		09/27/21	11/30/21				GC	GC #2	22	302/301	302	Pipeline Maintenance	Transport Impact to be determined		
X20-1108168		10/22/21	10/31/21				AM	AM #2	14	110	110	Install Launcher and Receiver	Transport Impact to be determined		
X20-1046850		12/31/21	12/31/21				MKT	VOLO #1	40	113		ILI Tool Runs - Cleaning/Gauge 5/17, MFL/Caliper 5/22, Hard Spot 5/25	Transport Impact to be determined		