Updated 9/24/20

Natural Gas Pipeline 2020 Pipeline Outage and Maintenance Summary

This is a summary of the current status of all NGPL 2020 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.

Line	# 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

Revised	Start Date	End Date	Reason Changed	Prev. Start Date	Prev. End Date	Segment	Line	Compressor Station(s)	Unit/Location	Description	Scheduling Location	Transport Impact	Storage Impact	Pool Location	Pipeline System
	TBD	TBD				25		343		Unit Maintenance	TBD	TBD			GC
	7/7/20	9/25/20				26	GC #3/GC #2	304/303		Pipeline Integrity		If remediation is required, all transport services are at risk of not being fully scheduled.			GC
	8/10/20	9/30/20				5	OE #1	156/184	LOC 5332 Enbrigtx #1 Washita, LOC 3695 Tex SW Washita, LOC 44537 Marathon Elston Wahsita, Effective 9/9/20 thru 9/30/20. Additional Locations Impacted Effective 9/23/20 thru 9/30/20: LOC 10655 Cimarex Rocky #1, LOC 10849 Cimarex Oakdale #1, LOC 11285 Cimarex Oakdale #2, LOC 41771 Cimarex Gotebo #1, LOC 42720 Adparo Rocky	Force Majeure - See latest Force Majeure Posting on Natural's EBB		Natural will schedule a total receipt point capacity of 120,000 dth per day in the Affected Area. All transport services are at risk of not being fully scheduled. Receipt points flowing less than 1,000 Dth per day will not be affected unless nominations increase to above 1,000 Dth per day. In addition starting on gas day Wednesday, September 9, 2020 the following LOCs will be unavailable: LOC 5332 Enbrigtx #1 Washita, LOC 3695 Tex SW Washita, LOC 44537 Marathon Elston Wahsita. No transport services will be scheduled. See additional locations impacted.			АМ
	8/10/20	9/30/20				5	OE #1	156/184		Pipeline Integrity	TBD	If remediation is required, all transpost services are at risk of not being fully scheduled.			AM
	8/31/20	9/17/20				33	Calumet #3	113		Pipeline Integrity	TBD	If remediation is required, all transport services are at risk of not being fully scheduled.			MARKET
***	9/8/20	10/16/20	Date Change		9/25/20	33	Calumet #3	113		Pipeline Integrity	TBD	If remediation is required, all transport services are at risk of not being fully scheduled.			MARKET
	9/9/20	9/25/20				8	Perm #2	168		Install Launcher and Receiver	CS 168	Primary/SIP Firm transports will be scheduled to no less than 81% of contract MDQ through CS 168. AOR/ITS and Secondary out-of- path Firm transports are not available.	Transports associated with Storage injections will be impacted.	Permian: South of Constraint	AM

***	9/9/20	9/19/20	Completed		10	AM #3	111	LOC 5381 Phillips Herring Hutchinson, LOC 5382 WTG Hutchinson, LOC 10704 Mcleod Irrigation Hutchinson	Install Launcher and Reciever		The following locations are unavailable: LOC 5381 Phillips Herring Hutchinson, LOC 5382 WTG Hutchinson, LOC 10704 Mcleod Irrigation Hutchinson. No transport services will be scheduled.			АМ
***	9/9/20	9/20/20	Completed		13	AM #3	107		Install Launcher and Receiver	CS 107	Natural will schedule Primary/SIP Firm transports to no less than 55% of contract MDQ through CS 107. AOR/ITS and Secondary out-of- path Firm transports are not available.	Transports associated with Storage injections will be impacted.	Amarillo M/L: South of Constraint	АМ
	9/15/20	9/28/20			11	AM #3	104/105		Force Majeure - See latest Force Majeure Posting on Natural's EBB	CS 105	Natural will schedule Primary/SIP Firm transports to no less than 43% of contract MDQ through CS 105. AOR/ITS and Secondary out-of- path Firm transports will not be available.	Transports associated with Storage injections will be impacted.	Mid Continent: South of Constraint	АМ
***	9/16/20	9/17/20	Completed		26	GC #2	305/304		ILI Tool Run - Hard Spot	CS 304	AOR/ITS and Secondary out-of- path Firm transports are at risk of not being fully scheduled	Transports associated with Storage withdrawals will be impacted.	TEXOK GC: South of Constraint	GC
***	9/16/20	9/22/20	Completed		22		300		Station Maintenance	CS 300	Natural will schedule Primary/SIP Firm transports to no less than 91% of Contract MDQ through CS 300. AOR/ITS and Secondary out-of- path Firm transports are not available.	Transports associated with Storage withdrawals will be impacted.	SOUTH TX: North of Constraint	GC
	9/21/20	9/28/20			13	AM #3	107	LOC 900203 NNG Mills	Install Launcher and Reciever	CS 107	The following locations are unavailable: LOC 900203 NNG Mills. In addition to the unavailable location, Primary/SIP Firm transports will be scheduled to no less than 37% of contract MDQ through CS 107. AOR/ITS and Secondary out-of-path Firm transports are not available.	Transports associated with Storage injections will be impacted.	Amarillo M/L: South of Constraint	АМ
	9/21/20	10/14/20			26	GC #2	304		Pipeline Integrity	TBD	If remediation is required, all transpost services are at risk of not being fully scheduled.			GC
	9/22/20	9/29/20			26	GC #3		LOC 46389 TGG Nacogdoches, LOC 45310 BTA ETG, LOC 42741 ETC ETML Nacogdoches, LOC 39648 Rockcliff Lisa B #1 Nacogdoches	Pipeline Maintenance		The following locations are unavailable: LOC 46389 TGG Nacogdoches, LOC 45310 BTA ETG, LOC 42741 ETC ETML Nacogdoches, LOC 39648 Rockcliff Lisa B #1 Nacogdoches. No transport services will be scheduled.			GC
***	9/22/20	11/30/20	Added		22	GC #1	300/341		Pipeline Integrity	TBD	If remediation is required, all transport services are at risk of not being fully scheduled.			GC

****	9/24/20	UFN	Added		7	Indian Basin	167		Force Majeure - See latest Force Majeure Posting on Natural's EBB	CS 167	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.			АМ
	9/26/20	10/6/20			39	North Chicago #3	113		Pipeline Integrity	TBD	If remediation is required, all transport services are at risk of not being fully scheduled.			MARKET
	9/26/20	10/8/20			8	Perm #2	112	LOC 11442 ONEOKWES/NGPL Potter	Install Launcher and Receiver		LOC 11442 ONEOKWES/NGPL Potter is unavailable. No transport services will be scheduled.			AM
	9/29/20	10/2/20			28			LOC 900169 ENABLEMR Clinton	Meter Maintenance	LOC 900169 ENABLEMR Clinton	LOC 900169 ENABLEMR Clinton is unavailable. No transport services will be scheduled			GC
	9/29/20	9/29/20			22	GC #1	302/301		ILI Tool Run - Cleaning	CS 302	Natural will schedule Primary/SIP Firm transports only southbound into Segment 22. AOR/ITS and Secondary out-of-path Firm transports are not available.	Transports associated with Storage withdrawals will be impacted.	SOUTH TX: South of Constraint	GC
	9/29/20	10/7/20			13	AM #2	107		Install Launcher and Reciever		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.			АМ
非崇林	10/6/20	10/19/20	Added		8		167		Station Maintenance	CS 167	Natural will schedule Primary Firm and Secondary in-path Firm transports to no less than 85% of contract MDQ through CS 167. AOR/ITS and Secondary out-of- path Firm transports continue to not be available.	Transports associated with Storage injections will be impacted.	Permian: South of Constraint	АМ
	10/6/20	10/6/20			22	GC #1	302/301		ILI Tool Run - Gauge	CS 302	Natural will schedule Primary/SIP Firm transports only southbound into Segment 22. AOR/ITS and Secondary out-of-path Firm transports are not available.	Transports associated with Storage withdrawals will be impacted.	SOUTH TX: South of Constraint	GC
	10/8/20	10/8/20			22	GC #1	302/301		ILI Tool Run - AFD	CS 302	Natural will schedule Primary/SIP Firm transports only southbound into Segment 22. AOR/ITS and Secondary out-of-path Firm transports are not available.	Transports associated with Storage withdrawals will be impacted.	SOUTH TX: South of Constraint	GC

10/9/20	10/15/20		22	GC #2	302		Pipeline Maintenance	CS 302	Natural will schedule Primary/SIP Firm transports to no less than 88% of Contract MDQ soutbound through CS 302. AOR/ITS and Secondary out-of-path Firm transports are not available.	Transports associated with Storage withdrawals will be impacted.	SOUTH TX: South of Constraint	GC
10/13/20	10/28/20		22		301		Station Maintenance	CS 301	Natural will schedule Primary/SIP Firm transports to no less than 59% of Contract MDQ soutbound through CS 301. AOR/ITS and Secondary out-of-path Firm transports are not available.	Transports associated with Storage withdrawals will be impacted.	SOUTH TX: South of Constraint	GC
10/20/20	10/20/20		26	GC #2	303		ILI Tool Run - Cleaning		AOR/ITS and Secondary out-of- path Firm transports are at risk of not being fully scheduled	Transports associated with Storage withdrawals will be impacted.	TEXOK GC: North of Constraint	GC
10/20/20	10/22/20		25		302		Station Maintenance	TBD	TBD			GC
10/21/20	10/21/20		26	GC #2	303		ILI Tool Run - AFD		AOR/ITS and Secondary out-of- path Firm transports are at risk of not being fully scheduled	Transports associated with Storage withdrawals will be impacted.	TEXOK GC: North of Constraint	GC
11/4/20	11/10/20		7			LOC 1753 OXY/NGPL INDIAN BASIN PLT EDDY	Meter Maintenance	LOC 1753 OXY/NGPL INDIAN BASIN PLT EDDY	LOC OXY/NGPL INDIAN BASIN PLT EDDY is unavailable. No transport services will be scheduled.			AM
11/10/20	11/10/20		30	O'Hare Lateral #2	113		ILI Tool Run - Cleaning		No Anticipated Impact			MARKET
11/12/20	11/12/20		30	O'Hare Lateral #2	113		ILI Tool Run - Caliper		No Anticipated Impact			MARKET
11/13/20	11/13/20		30	O'Hare Lateral #2	113		ILI Tool Run - MFL		No Anticipated Impact			MARKET