

Natural Gas Pipeline Company of America LLC
Outage Impact Report

Last Updated: April 24, 2019

Estimated Start Date	Estimated Finish Date	Day(s)	IMPACTED SEG/LOC	Compressor Station(s)	Unit / Line	Description	Scheduling Location	Pool Location	Transport Impact
04/01/19	04/27/19	27	11	105	AM #2 M/L	Remediation Work - See Operational Alert Posting on Natural's EBB	TBD if Needed	Midcontinent: South of Constraint	If remediation is required, all transport services are at risk of not being fully scheduled for gas flowing northbound through CS 105.
04/05/19	05/15/19	41	2	156/801	OE #1 Line	Remediation Work - See latest Force Majeure Posting on Natural's EBB	MLV 801-2	Midcontinent: West of Constraint	No eastbound flow through constraint, Phase 1 Locations now available for westbound flow only, Phase 2 Locations not available - see posting.
04/18/19	05/31/19	44	11	103/104	AM #3 M/L	Remediation Work - See Operational Alert Posting on Natural's EBB	TBD if Needed	Midcontinent: South of Constraint	If remediation is required, all transport services are at risk of not being fully scheduled.
04/18/19	06/30/19	74	13	107 / 108	AM #3 M/L	Remediation Work - See Operational Alert Posting on Natural's EBB	TBD if Needed	AMARILLO M/L: West of Constraint	If remediation is required, all transport services are at risk of not being fully scheduled.
04/18/19	07/31/19	105	14	109 / 199	AM #3 M/L	Remediation Work - See Operational Alert Posting on Natural's EBB	TBD if Needed	IOWA-IL: East of Constraint	If remediation is required, all transport services are at risk of not being fully scheduled.
04/23/19	04/28/19	6	22	301		Performing maintenance on pipeline at CS 301. Requires CS 301 to be shut-in for duration of work.	CS 301	SOUTH TEXAS: South of Constraint	No: (AOR/ITS/SOP) Primary scheduled to minimum of no less than 61% of contract MDQ, for gas flowing southbound through CS 301.

04/24/19	04/24/19	1	11	104/105	AM #3 M/L	ILI Tool Runs - See latest Posting on Natural's EBB	CS 105	Midcontinent: South of Constraint	No: (AOR/ITS/SOP) Primary scheduled to minimum of no less than 38% of contract MDQ, for gas flowing northbound through CS 105.
04/25/19	05/09/19	15	26	303/302	GC #3 M/L	ILI Tool Runs	CS 302	TEXOK GC: North of Constraint	No: (AOR/ITS/SOP) Primary only southbound through CS 302 into SEG 22 and SEG 25.
04/29/19	05/04/19	6	27	309	GC #2 M/L	Remediation Work - See Operational Alert Posting on Natural's EBB	TBD if Needed	GULF COAST: South of Constraint	If remediation is required, all transport services are at risk of not being fully scheduled.
04/30/19	05/15/19	16	13	108	AM #2 M/L	Remediation Work - See Operational Alert Posting on Natural's EBB	TBD if Needed	AMARILLO M/L: West of Constraint	If remediation is required, all transport services are at risk of not being fully scheduled.
05/01/19	05/24/19	24	22	302	GC #1 M/L	Remediation Work - See Operational Alert Posting on Natural's EBB	TBD if Needed	SOUTH TEXAS: South of Constraint	If remediation is required, all transport services are at risk of not being fully scheduled.
05/01/19	05/24/19	24	22	302/301	GC #1 M/L	Performing pipeline maintenance between CS 302 and CS 301.	CS 302	SOUTH TEXAS: South of Constraint	NO: (AOR/ITS/SOP) flowing southbound through CS 302 into Segment 22.
05/07/19	05/09/19	3	9	167	Permian #1 Line	ILI Tool Run	CS 167	Permian: North of Constraint	NO: (AOR/ITS/SOP) Primary/SIP scheduled to minimum of no less than 77% of contract MDQ northbound through CS 167.
05/14/19	05/14/19	1	25	343		ESD	CS 343	TEXOK GC: West of Constraint	At Risk: (AOR/ITS/SOP/SIP/Primary) for gas flowing eastbound into SEG 25.

05/21/19	05/23/19	3	9	167	Permian #1 Line	Hot Tap Installation - New LOC 53667 3 BEAR-TRES OSOS	TBD if Needed	Permian: North of Constraint	At Risk: (AOR/ITS/SOP/SIP/Primary) Flowing northbound into SEG 8.
05/21/19	05/23/19	3	15	801	AG #1 Line	Hot Tap Installation - New LOC 50164 MIDSHIP	None	TEXOK A/G: East of Hot Tap	No Impact
06/04/19	06/04/19	1	11	105/106	AM #3 M/L	ILI Tool Run	CS 106	Midcontinent: South of Constraint	NO: (AOR/ITS, SOP) Primary at risk.
06/06/19	06/13/19	8	2	801	AG #1 Line	Install Launcher & Receiver	LOC 901458 DCP Chitwood	Midcontinent: West of Constraint LOC	Unavailable: LOC 901458 DCP Chitwood. No transport services will be scheduled.
06/10/19	08/02/19	54	13	107	AM #2 M/L	Install Launcher & Receiver	None	AMARILLO M/L: East of work	No Impact
06/11/19	06/28/19	18	26	303/304	GC #3 M/L	ILI Tool Runs	CS 302	TEXOK GC: North of Constraint	No: (AOR/ITS/SOP) Primary only southbound through CS 302 into SEG 22 and SEG 25.
06/11/19	06/21/19	11	23	342	LA #1 Line	ILI Tool Runs	CS 342	Louisiana: East of Constraint	No: (AOR/ITS/SOP) Primary only eastbound into SEG 23.
06/12/19	06/12/19	1	11	105/106	AM #3 M/L	ILI Tool Run	CS 106	Midcontinent: South of Constraint	NO (AOR/ITS, SOP) Primary at risk.
06/18/19	07/11/19	24	8	167/168	Permian #1 Line	ILI Tool runs	CS 168	Permian: South of Constraint	At Risk: (AOR/ITS/SOP/SIP/Primary) for northbound flow into Midcontinent Zone.
06/25/19	07/11/19	17	22	302/301	GC #2 M/L	ILI Tool Run	CS 302	SOUTH TEXAS: South of Constraint	No: (AOR/ITS/SOP) Primary only southbound through CS 302 into SEG 22.

08/01/19	09/30/19	61	25	343	LA #2 Line	Relocation Tie-IN - LOC 44528 GOLDEN PASS	CS 343	TEXOK GC: West of Constraint	At Risk: (AOR/ITS/SOP/SIP/Primary) for flow eastbound through CS 343.
08/13/19	08/22/19	10	22	302		ILI Tool Runs	CS 302	SOUTH TEXAS: South of Constraint	LOC 11249 Not Available. All transport services not available.
09/03/19	09/30/19	28	13	107/108	AM #2 M/L	Install Launcher & Receiver	None	AMARILLO M/L: East of work	No Impact

NOTES:

1. Storage Activity, either injection or withdrawal, may be impacted by any outage.
2. Changes are shaded in yellow