

**Natural Gas Pipeline Company of America LLC**  
**Outage Impact Report**

Last Updated: May 13, 2019

Estimated Start Date	Estimated Finish Date	Day(s)	Previous Start Date	Previous End Date	IMPACTED SEG/LOC	Compressor Station(s)	Unit / Line	Description	Scheduling Location	Pool Location	Transport Impact
04/05/19	05/20/19	46		5/15/19	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.
04/29/19	06/30/19	63			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	05/31/19	32		5/15/19	13	108/109	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	05/31/19	31			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.

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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	05/21/19	15			8	168		Mechanical Repairs	CS 168	Permian: South of Constraint	NO: (AOR/ITS/SOP)
06/01/19	06/02/19	2	05/21/19	05/23/19	15	801	AG #1 Line	Hot Tap Installation - Midship Pipeline in Carter County, Oklahoma (Lone Grove)	None	TEXOK A/G: East of Hot Tap	No Impact
05/28/19	05/29/19	2			25	343		ESD and Electrical System Maintenance	CS 343	TEXOK GC: West of Constraint	NO: (AOR/ITS/SOP) flowing eastbound through CS 343. Primary Firm transports at risk.
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/SIP scheduled to minimum of no less than 43% of contract MDQ through CS 106. Transports associated with storage injections will be impacted.
06/04/19	06/05/19	2	06/10/19	06/12/19	15	801	AG #1 Line	Hot Tap Installation - Midship Pipeline in Bryan County, Oklahoma (Bennington)	None	TEXOK A/G: East of Hot Tap	No Impact
06/11/19	06/17/19	7			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.
06/11/19	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.

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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.
06/12/19	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/SIP scheduled to minimum of no less than 43% of contract MDQ through CS 106. Transports associated with storage injections will be impacted.
06/15/19	06/17/19	3			9	167	Permian #1 Line	Hot Tap Installation - New LOC 53667 3 BEAR-TRES OSOS	TBD if Needed	Permian: South of Constraint	At Risk: (AOR/ITS/SOP/SIP/Primary) Flowing northbound into SEG 8.
06/17/19	06/21/19	5			8	168	Permian #1 Line	Station Maintenance	CS 168	Permian: South of Constraint	No: (AOR/ITS/SOP) Primary Firm transports at risk.
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.
08/12/19	09/13/19	33			13	107	AM #2 M/L	Install Launcher & Receiver	None	AMARILLO M/L: East of work	No Impact
08/13/19	08/22/19	10			22	302		ILI Tool Runs	LOC 908197 Enstor Katy	SOUTH TEXAS: South of Constraint	Unavailable: LOC 908197 Enstor Katy. No transport services will be available.
09/16/19	10/04/19	19			13	107/108	AM #2 M/L	Install Launcher & Receiver	None	AMARILLO M/L: East of work	No Impact

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10/01/19	10/01/19	1			8	167/168	Permian #1 Line	ILI Tool Run	CS 167	Permian: South of Constraint	Anticipated Impact - NO: (AOR/ITS/SOP) Primary/SIP scheduled to minimum of no less than 27% of contract MDQ through CS 167.

**NOTES:**

1. Storage Activity, either injection or withdrawal, may be impacted by any outage.
2. Changes are shaded in yellow
3. If no outages are planned, you will see a blank row.