

El Paso Natural Gas, Coolidge, AZ Event Timeline - Clean Version

Incident Date : 08-15-21

Source: Not verbatim

Note all times are local time (Mountain Standard Time)

Time	Event	Source	Conflicting Information
5:29	A 30-inch diameter natural gas transmission pipeline ruptures in a rural area near Coolidge, Arizona.	Operations Field Notes (estimated time is from a video that was obtained from the public.)	PHMSA Corrective Action Order indicates the rupture occurred at approximately 5:40 am or 5:42 am.
Between 5:29 and 5:33	The first indication of a pressure drop occurred at L2000/L1007 (830.07 to 692.68 psig).	Operations Field Notes; DR-06A_Supp Pressure and Temp Data Actual Polling Values pulled 8.18.21_CONF.pdf	
Between 5:31 and 5:33	The first indication of a pressure drop occurred at Casa Grande Suction (758.64 to 746.34 psig).	Operations Field Notes; DR-06A_Supp Pressure and Temp Data Actual Polling Values pulled 8.18.21_CONF.pdf	
Between 5:31 and 5:33	The first indication of a pressure drop occurred at Tom Mix Discharge (921.67 to 913.62 psig).	Operations Field Notes, DR-06A_Supp Pressure and Temp Data Actual Polling Values pulled 8.18.21_CONF.pdf	
5:32	Pressure drop first detected.	DR-06_Pressure and Temp Data 4-minute intervals_CONF (002).pdf.	Operations Field Notes incorrectly cite to DR-06A_Supp Pressure and Temp Data Actual Polling Values pulled 8.18.21_CONF).
5:33	Gas Control notes pressure decreasing on Line 2000 in the Casa Grande Area (830.07 PSIG to 692.68 PSIG).	Gas Control Daily Report; DR-02_SCADA Data L2000 8.16.21_CONF; DR-06_Pressure and Temp Data 4-minute intervals_CONF	
5:36	Multiple pressure rate of change alarms received from Casa Grande "C" Plant (Line 2000 Compressor).	Gas Control Daily Report	
5:40	Coolidge FD receives 911 call regarding fire	Coolidge FD Log; measurement supervisor - Tucson/Casa Grande_iPhone_0003110	
5:41	Phoenix Area Operations Manager contacted by SW B controller regarding pressure drops.	Gas Control Daily Report	

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5:41	Gas Control receives a call from ***** (Sundance Power Plant, Phone: *****. ***** reports seeing a massive fire east of the plant access road.	Gas Control Daily Report	
5:41	Phoenix Area Operations Manager still on phone with Gas Control receives notification of observed fire by ***** (Sundance Power Plant, Phone: *****).	Gas Control Daily Report	
5:44	Gas Control receives a call from "*****" (Sundance Power plant, Phone: *****), he reports that a massive fire was observed 1 mile east of plant. Phoenix Area Operations Manager (still on phone with Gas Control) is notified of this report.	Gas Control Daily Report	
5:44	Phoenix Area Operations Manager notifies electrical & controls technician (1) (E & C Technician residing in Casa Grande) of reported fire and pressure drops. Electrical & controls technician (1) was instructed and dispatched to Line 2000 Valve 39 location.	DR-24A_Phoenix Area Operations Manager_Phone Calls + Text Msgs_08-15-21-*****_CONF; electrical & controls technician (1) interview 8/18/21; electrical & controls technician (1) Phone Call Log; Operations Field Notes (Interviews conducted)	electrical & controls technician (1) 8/18/21 interview and the electrical & controls technician (1) Phone Call Log indicate this call occurred at 5:45 am.
5:45	Gas Control started to receive low pressure alarms at the L2000 Casa Grande Checks and at Casa Grande C's suction	Gas Control Daily Report	
5:50	Phoenix Area Operations Manager calls measurement technician (1) to determine his location.	DR-24A_Phoenix Area Operations Manager_Phone Calls + Text Msgs_08-15-21-*****_CONF; Operations Field Notes.	
5:51	Phoenix Area Operations Manager receives a call from measurement supervisor - Tucson/Casa Grande. Measurement supervisor - Tucson/Casa Grande reports that Sundance Power Plant has reported seeing a fire and a drop in plant fuel supply pressure. Phoenix Area Operations Manager directs measurement supervisor - Tucson/Casa Grande to contact measurement technician (1), and measurement technician (2) to mobilize to Line 1600/2000 cross-overs.	DR-24A_Phoenix Area Operations Manager_Phone Calls + Text Msgs_08-15-21-*****_CONF; Operations Field Notes (Timeline)	

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5:51 or 5:53	crew leader (1) receives a call from Phoenix Area Operations Manager. Phoenix Area Operations Manager requests that crew leader (1) contact electrical & controls technician (1) to determine his location and destination so crew leader (1) can dispatch someone to the opposite end of the pipe segment to execute pipeline isolation. crew leader (1) heads toward Coolidge and asks [First Name Unknown] There's only one "Del" in the directory - Del Mascarenas. operations specialist (3) to head to Phoenix.	crew leader (1) interview 8/18/21; Operations Field Notes (Timeline)	DR-24A_Phoenix Area Operations Manager_Phone Calls + Text Msgs_08-15-21-*****: Indicates Phoenix Area Operations Manager called crew leader (1) at 5:52AM; Operations Field Notes (Timeline) also indicates 5:52 AM. Not clear in the crew leader (1) interview notes whether crew leader (1) or Phoenix Area Operations Manager headed toward Coolidge.
5:54	Electrical & controls technician (1) receives a suction alarm on his phone. The pressure was close to 400 PSI at Casa Grande C. There was not enough gas pressure to unseat the valve. There was power gas from downstream side of Valve 39.	electrical & controls technician (1) interview 8/18/21	
5:55	Units 1 and 2 at Tom Mix are stopped remotely in efforts to send less gas towards Casa Grande.	Gas Control Daily Report	
5:55	Phoenix Area Operations Manager notifies Division Operations Director of Line 2000 pressure drops and reported fire. Division Operations Director directs Phoenix Area Operations Manager to initiate ERL call with Gas Control.	DR-24A_Phoenix Area Operations Manager_Phone Calls + Text Msgs_08-15-21-*****_CONF; MinutesUsageFor*****	
5:56	Phoenix Area Operations Specialist (1) receives a call from crew leader (1) about a possible rupture in Coolidge. Phoenix Area Operations Specialist (1) is instructed to head to Coolidge. Phoenix Area Operations Specialist (1) could see a flame while enroute around Riggs.	Phoenix Area Operations Specialist (1) interview 8/18/21; Phoenix Area Operations Specialist (1) Call Log; DR-24C_crew leader (1)_Phone Calls + Text Msgs_08-15-2021-*****_CONF	crew leader (1)'s phone call and text messages log indicates that this call occurred at 5:56 am. Phoenix Area Operations Specialist (1)'s Call Log also indicates that this call ocured at 5:56am.

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5:58	Phoenix Area Operations Manager contacts measurement technician (1) to determine his location and directs measurement technician (1) to travel to Valve 38 on Line 2000 in order to close the valve in execution of pipeline segment isolation between Valves 38 & 39. Measurement technician (1) indicates that he is having trouble getting to Valve 38 due to road wash-outs.	DR-24A_Phoenix Area Operations Manager_Phone Calls + Text Msgs_08-15-21-*****_CONF; DR-24B_measurement technician (1)_Phone Calls + Text Msgs_08-15-2021-*****_CONF	
5:59	Division Operations Director calls Tucson Area Manager. Division Operations Director requests that a technician be dispatched to Valve 37 for potential closure.	MinutesUsageFor*****	
5:59	Casa Grande C Emergency Shutdown ("ESD") at this time due to low suction pressure.	Gas Control Daily Report	
Shortly after 6:00	Electrical & controls technician (1) leaves his home, sees fire, and proceeds to Valve 39 to close and isolate the line.	electrical & controls technician (1) interview 8/18/21	Given the call from Phoenix Area Operations Manager to electrical & controls technician (1) at 5:44, the actual time of departure is probably earlier.
6:01	Tucson Area Manager calls Tucson operations supervisor to inform him of the event.	SOURCEID_02917 - Tucson Area Manager iPhone.xlsx – Call Log	
6:01	Alert sent from from 35842 that states: "1/2:Div 1 - EPNG,ERL+,Fire,8/15@6:57M,Call 8668555544,85783754@8/15@7:05M,FIRE,Casa Grande AZ Received multiple calls on reports of a major fire.,Dave 2/2:Phoenix Area Operations Manager@*****."	SOURCEID_02917 - Tucson Area Manager iPone.xlsx - Chats; SOURCEID_02916 - Division Operations Director iPhone 8.xlsx - Chats; SOURCEID_02909 - crew leader (1) iPhone.xlsx - Chats	

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6:02	Phoenix operations supervisor receives a call from Phoenix Area Operations Manager about a pipeline rupture on the 2000 line.	Phoenix operations supervisor interview 8/18/21; DR-24A_Phoenix Area Operations Manager_Phone Calls + Text Msgs_08-15-21-*****_CONF; Operations Field Notes; Operations Field Notes.	DR-24A_Phoenix Area Operations Manager_Phone Calls + Text Msgs_08-15-21-*****_CONF indicates a call also occurred between Phoenix Area Operations Manager and Phoenix operations supervisor at 5:54 am.
6:02	Gas Control receives a call from ***** (******) with the Coolidge Fire Department reporting a massive fire near Kleck Rd. and Vail Rd. Dillion states that the fire was out in the middle of the field but those were the two closest cross roads. After this call Gas Control passes this information along to all personnel on the ERL call.	Gas Control Daily Report	DR-12D_Colo Springs Control Room Phone Call Notes and Recordings from 8-15-21_5am-830am_CONF.pdf indicates this occurred at 8:02 am.
6:03	Tucson operations supervisor calls Tucson operations specialist and directs him to travel to Valve 37 and to close Valve 37 upon instruction. Tucson operations supervisor also states that pressure was being lost on the 1600 LN and that there was a report of a fire down stream of Tom Mix. Tucson operations supervisor recommends that Tucson operations specialist drive to Tom Mix then drive down stream.	Tucson operations specialist Interview Information of Valve 37 [DR-22]; Tucson operations specialist_iPhone_Other_0000589; Tucson operations specialist_iPhone_Other_0003224	
6:04	A contractor calls Line Patroller about a large fire on Highway 87/Randolph Road near the facility. Line Patroller contacts a crew leader (1) to offer assistance. On his way, Line Patroller passes a first responder and follows power lines to the right-of-way ("ROW").	line patroller interview 8/18/21	

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6:05	Phoenix operations supervisor (Operations Supervisor) receives a text message regarding an ERL call. Phoenix operations supervisor joins the ERL+ call and is directed to go directly to the scene. Phoenix operations supervisor listens to gather information and to try to get into schematics. During the ERL call, Tucson Area Manager mentions that someone was going to Valve 37. Phoenix operations supervisor could not get into the GeoMap. Phoenix operations supervisor received a number of text messages and updates. crew leader (1) heads to Casa Grande. Phoenix operations manager texted employees headed to 38 and 39. Electrical & controls technician (1) and measurement technician (1) were headed to 38/39.	Phoenix operations supervisor interview 8/18/21; Operations Field Notes	
6:05	ERL+ call is executed and conducted by West Region Vice President. The call lasts until after the fire has subsided.	Operations Field Notes (Timeline)	
6:06	Measurement supervisor - Tucson/Casa Grande sends a chat message to Phoenix Area Operations Manager that states: "I'm on the call and headed that way."	SOURCEID_02929 - measurement supervisor - Tucson/Casa Grande iPhone.xlsx - Chats; Phoenix Area Operations Manager_iPhone_0001784	
6:07	Cimmaron is stopped remotely.	Gas Control Daily Report	
6:07	Phoenix Area Operations Manager, Phoenix operations supervisor, crew leader (1), and electrical & controls technician (1) participate in a group message. crew leader (1) sends a message that states: "[Phoenix Area Operations Specialist 1], [Phoenix Area Operations Specialist (3)] and myself are responding...I'll meet them in CG and be in touch."	Phoenix Area Operations Manager_iPhone_0000804; crew leader (1)_iPhone_0000782; SOURCEID_02925 - Phoenix operations supervisor Samsung Galaxy S20.xlsx - Instant Messages; Phoenix operations supervisor interview 8/18/21	
6:08	Phoenix Area Operations Manager, Phoenix operations supervisor, crew leader (1), and electrical & controls technician (1) participate in a group message. Phoenix operations supervisor sends a message that states: "Thanks, ***** /[Fire Chief] call him he has locations possibly of the fire." At 6:13 am, Phoenix operations supervisor sends a message that states: "He's the fire chief."	Phoenix Area Operations Manager_iPhone_0000804; SOURCEID_02925 - Phoenix operations supervisor Samsung Galaxy S20.xlsx - Instant Messages	

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6:08	Measurement supervisor - Tucson/Casa Grande sends the following chat message to measurement technician (2): "***** [Fire Chief] Coolidge fire chief"	measurement supervisor - Tucson/Casa Grande iPhone_0003110; SOURCEID_02929 - measurement supervisor - Tucson/Casa Grande iPhone.xlsx - Chats	
6:09	Measurement supervisor - Tucson/Casa Grande sends the following chat message to measurement technician (2): "Near vail road anc kleck road."	measurement supervisor - Tucson/Casa Grande iPhone_0003110; SOURCEID_02929 - measurement supervisor - Tucson/Casa Grande iPhone.xlsx - Chats	
6:09	Electrical & controls technician (1) calls measurement technician (1) and tells him to travel to Valve 38 to close the valve to begin isolation of valve segment.	DR-24D_electrical & controls technician (1)_Phone Calls + Text Msgs_08-15-2021-*****_CONF; DR-24B_measurement technician (1)_Phone Calls + Text Msgs_08-15-2021-*****_CONF; electrical & controls technician (1) interview 8/18/21; electrical & controls technician (1) Phone Call Log; Operations Field Notes (Interviews conducted)	electrical & controls technician (1) interview 8/18/21 indicates electrical & controls technician (1) called measurement technician (1) and told him to travel to Valve 38 shortly after 6 am.
6:13	Phoenix Area Operations Manager, Phoenix operations supervisor, crew leader (1), and electrical & controls technician (1) participate in a group message. Phoenix Area Operations Manager sends a message that states: "It looks like like 2000 between Klek and Vail Road. Between Vlv 38 and 39. [Electrical & controls technician (1)] and [measurement technician (1)] are heading out."	Phoenix Area Operations Manager iPhone_0000804; SOURCEID_02925 - Phoenix operations supervisor Samsung Galaxy S20.xlsx - Instant Messages	

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6:17	Measurement technician (1) calls Phoenix Area Operations Manager.	DR-24B_measurement technician (1)_Phone Calls + Text Msgs_08-15-2021-*****_CONF; DR-24A_Phoenix Area Operations Manager_Phone Calls + Text Msgs_08-15-21-*****_CONF	
6:18	Measurement technician (2) calls measurement supervisor - Tucson/Casa Grande.	MinutesUsageFor*****	
6:19	Phoenix Area Operations Manager calls electrical & controls technician (1).	DR-24A_Phoenix Area Operations Manager_Phone Calls + Text Msgs_08-15-21-*****_CONF	
6:19	Electrical & controls technician (1) receives a phone call from Phoenix Area Operations Specialist (2).	DR-24D_electrical & controls technician (1)_Phone Calls + Text Msgs_08-15-2021-*****_CONF; Phoenix Area Operations Specialist (2) Call Log	Phoenix Area Operations Specialist (2)'s Call Log says this call was made at 6:20 am.
6:19	[THIS ENTRY TRUNCATED IN ORIGINAL SUBMITTAL] Measurement supervisor - Tucson/Casa Grande sends the following chat message to measurement technician (2): "If it is L2000 We have to get Sundance and East valley santan on 1600." Measurement technician (2) responds: "Ok."	SOURCEID_02929 - measurement supervisor - Tucson/Casa Grande iPhone.xlsx - Chats; measurement supervisor - Tucson/Casa Grande_iPhone_0003110	
6:20	Tucson Area Manager sends Tucson operations supervisor a message that states: "Have [Tucson operations specialist] head to Valve 37." At 6:25 am Tucson operations supervisor responds "Done."	Tucson Area Manager_iPhone_0001866; SOURCEID_02917 - Tucson Area Manager iPhone.xlsx - Chats	

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6:20	Electrical & controls technician (1) calls Phoenix Area Operations Specialist (2) and instructs Phoenix Area Operations Specialist (2) to travel to Valve 39 and to bring a ladder and tools as electrical & controls technician (1) is in his personal vehicle and has no tools.	Electrical & controls technician (1) interview 8/18/21; Operations Field Notes (timeline).	The electrical & controls technician (1) phone log indicates this call happened at 6:12 am or 6:22 am. Phoenix Area Operations Specialist (2)'s phone log indicates that Phoenix Area Operations Specialist (2) called electrical & controls technician (1) at 6:20; electrical & controls technician (1) interview 8/18/21 indicates electrical & controls technician (1) called Phoenix Area Operations Specialist (2) at 6:30
6:21	Lordsburg C, Florida C, EPD #4 and CNC are stopped remotely as well in efforts to send less gas west on L2000.	Gas Control Daily Report	
6:24	While in commute, Tucson operations specialist receives a voicemail to go to MLV 37 on the 2000 LN and to call when Tucson operations specialist arrives at the location.	Handwritten notes from Tucson operations specialist_iPhone_Other_0000589	The timing of this note is probably inaccurate. See 6:03 entry where Tucson operations supervisor instructs Tucson operations specialist to go to MLV 37.
6:24	Report submitted to the National Response Center (NRC) (NRC report No. 1313733) by Pipeline Engineer (1), indicating there was a release and ignition of natural gas from a transmission line. Fire, no injuries, no fatalities, no evacuations.	DR-13_National Response Center Report_CONF; PHMSA Corrective Action Order	
6:28	Measurement supervisor - Tucson/Casa Grande sends measurement technician (2) the following message: "I'm headed that way."	SOURCEID_02929 - measurement supervisor - Tucson/Casa Grande iPhone.xlsx - Chats; measurement supervisor - Tucson/Casa Grande_iPhone_0003110	

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6:29	Electrical & controls technician (1) closes Valve 39. Due to low line pressure due to the failure, electrical & controls technician (1) had to use a hydraulic lever pump to move the valve, which then residual gas pressure was enough to close the valve. Kinder Morgan reports the downstream valve, mainline valve (MLV) 39 is closed.	electrical & controls technician (1) interview 8/18/21; Gas Control Daily Report; PHMSA Corrective Action Order; electrical & controls technician (1) interview 8/18/21; electrical & controls technician (1) Phone Call Log; Operations Field Notes (Interviews conducted)	
6:33	Electrical & controls technician (1) notifies Phoenix Area Operations Manager that the valve at 2000/1007 was closed.	electrical & controls technician (1) interview 8/18/21; electrical & controls technician (1) Phone Call Log (the log indicates that Phoenix Area Operations Manager called electrical & controls technician (1); DR-24A_Phoenix Area Operations Manager_Phone Calls + Text Msgs_08-15-21-*****_CONF	
6:34	AZ-CC receives NRC# 1313733 via email.	Operations Field Notes (timeline).	
6:34	[THIS ENTRY TRUNCATED IN ORIGINAL SUBMITTAL] Phoenix operations supervisor sends a text message to electrical & controls technician (1) that states: "Valve 39 on 2000L isolated at 6:29am."	SOURCEID_02925 - Phoenix operations supervisor Samsung Galaxy S20.xlsx	Phoenix operations supervisor interview 8/18/21 indicates text was sent from electrical & controls technician (1) indicating the closure of Valve 39 at 6:29 am.
6:36	Phoenix Area Operations Manager, Phoenix operations supervisor, crew leader (1), and electrical & controls technician (1) participate in a group message. Phoenix operations supervisor sends a message that states: "Valve 39 closed at 6:29am."	Phoenix Area Operations Manager_iPhone_0000804; SOURCEID_02925 - Phoenix operations supervisor Samsung Galaxy S20.xlsx - Instant Messages	

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6:40	Measurement supervisor - Tucson/Casa Grande sends the following chat message to measurement supervisor - Phoenix Area and Phoenix Area Operations Manager: "I'm 10 min from MLV 38."	SOURCEID_02927 - measurement supervisor - Phoenix Area iPhone 11.xlsx - Chats; measurement supervisor - Phoenix Area iPhone11_0000823; Phoenix Area Operations Manager iPhone_0000286	
6:41	[THIS ENTRY TRUNCATED IN ORIGINAL SUBMITTAL] Measurement supervisor - Tucson/Casa Grande sends measurement technician (2) the following message: "Are sun dance and East valley on L1600?"	SOURCEID_02929 - measurement supervisor - Tucson/Casa Grande iPhone.xlsx - Chats; measurement supervisor - Tucson/Casa Grande iPhone_0003110	
6:42	Measurement technician (2) sends measurement supervisor - Tucson/Casa Grande the following message: "Doing Sundance now"	SOURCEID_02929 - measurement supervisor - Tucson/Casa Grande iPhone.xlsx - Chats; measurement supervisor - Tucson/Casa Grande iPhone_0003110	
6:43	[THIS ENTRY TRUNCATED IN ORIGINAL SUBMITTAL] Measurement supervisor - Tucson/Casa Grande sends measurement technician (2) the following messages: "MLV 39 has been isolated" and "On L2000."	SOURCEID_02929 - measurement supervisor - Tucson/Casa Grande iPhone.xlsx - Chats; measurement supervisor - Tucson/Casa Grande iPhone_0003110	
6:44	Measurement supervisor - Tucson/Casa Grande sends measurement technician (2) the following message: "I'm headed to MLV 38."	SOURCEID_02929 - measurement supervisor - Tucson/Casa Grande iPhone.xlsx - Chats; measurement supervisor - Tucson/Casa Grande iPhone_0003110	

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6:49	Tucson Area Manager and Tucson operations supervisor engage in a series of messages. Tucson Area Manager sends Tucson operations supervisor a message that states: "Is [Tucson operations specialist] at valve 37?" Tucson operations supervisor responds, "I will check." At 6:52 Tucson operations supervisor sends Tucson Area Manager a message that states: "He is 5 min away. I ask him not to do anything until he hears back from me." At 6:54 Tucson Area Manager sends a message that states: "Good. It might screw them on closing their valve if we close our." At 6:56, Tucson operations supervisor sends a message that states: [Tucson operations specialist] is now at 37." At 6:58 Tucson Area Manager sends a message that states, "Close it!" At 7:05 Tucson operations supervisor sends a message that states: "Valve 37 is closed."	Tucson Area Manager_iPhone_0001866; SOURCEID_02917 - Tucson Area Manager iPhone.xlsx - Chats	
6:49	Measurement technician (2) sends measurement supervisor - Tucson/Casa Grande the following message: "Sundance good."	SOURCEID_02929 - measurement supervisor - Tucson/Casa Grande iPhone.xlsx - Chats; measurement supervisor - Tucson/Casa Grande_iPhone_0003110	
6:50	Field Personnel switched Sundance Power Plant to be fed from L1600	Gas Control Daily Report	
6:52	Measurement technician (2) calls electrical & controls technician (1) and informs him that he is going to close the Line 2000 Valve to Sundance Power Plant. Electrical & controls technician (1) reports to measurement technician (2) that the valve for the Line 1007 cross-over to Line 2000 is already closed.	electrical & controls technician (1) interview 8/18/21; DR-24D_electrical & controls technician (1)_Phone Calls + Text Msgs_08-15-2021-*****_CONF; MinutesUsageFor*****; Operations Field Notes (Timeline)	
6:55	Tucson operations specialist arrives at the Valve 37. Tucson operations specialist immediately closes the crossover valves.	Tucson operations specialist Interview Information of Valve 37 [DR-22]; Tucson operations specialist_iPhone_Other_0000525	

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6:55	Tucson operations specialist sends a chat message to Tucson operations supervisor that states: "at MLV 37 2000ln"	SOURCEID_02905- Tucson operations specialist iPhone.xlsx-Chats; Tucson operations specialist_iPhone_0000812	
6:56	Halfway to Coolidge, crew leader (1) receives a call from line patroller. crew leader (1) instructs line patroller to go to MLV 38 and to wait for measurement technician (1); however, crew leader (1) misspoke and referenced 37 rather than 38.	DR-24C_crew leader (1)_Phone Calls + Text Msgs_08-15-2021-*****_CONF; MinutesUsageFor*****; line patroller's Call Log; crew leader (1) interview 8/18/21	
6:59	Tucson operations supervisor sends a chat message to Tucson operations specialist that states: "Please close valve 37. You might have to pump it closed. Let me know if you need help." Tucson operations specialist responds, "Ok."	SOURCEID_02905- Tucson operations specialist iPhone.xlsx-Chats;Tucson operations specialist_iPhone_0000812	
7:00	[THIS ENTRY TRUNCATED IN ORIGINAL SUBMITTAL] Tucson operations supervisor sends a chat message to Tucson operations specialist that states: "When the valve is closed please let me know."	SOURCEID_02905- Tucson operations specialist iPhone.xlsx-Chats; Tucson operations specialist_iPhone_0000812	
7:00	Phoenix Area Operations Manager, Phoenix operations supervisor, crew leader (1), and electrical & controls technician (1) participate in a group message. Phoenix operations supervisor sends a message that states: "Tucson area has someone at valve 37 2000L they are closing now."	Phoenix Area Operations Manager_iPhone_0000804; SOURCEID_02909 - crew leader (1) iPhone.xlsx - Chats; SOURCEID_02910 - electrical & controls technician (1) Samsung.xlsx - Instant Messages	
7:01	Phoenix Area Operations Manager, Phoenix operations supervisor, crew leader (1), and electrical & controls technician (1) participate in a group message. Phoenix operations supervisor sends a message that states: "This is [Phoenix operations supervisor] I'm heading towards the scene 87 and Randolph."	Phoenix Area Operations Manager_iPhone_0000804; SOURCEID_02910 - electrical & controls technician (1) Samsung.xlsx - Instant Messages	

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7:01	Measurement technician (2) calls electrical & controls technician (1) and tells electrical & controls technician (1) the Line 2000 Valve to Sundance Power Plant is closed and the feed to Line 20120 (East Valley Lateral) is only being fed from Line 1600.	DR-24D_electrical & controls technician (1)_Phone Calls + Text Msgs_08-15-2021-*****_CONF; MinutesUsageFor*****; Operations Field Notes.	
7:03	AZ-CC is notified by Southwest Gas that there was a fire at the EPNG facility. AZ-CC verifies NRC# 1313733 has been received from Kinder Morgan and deployed.	Operations Field Notes	
7:05	Tucson employee (Tucson operations specialist) closes valve (MLV 37). Tucson operations specialist reports that Valve 37 is closed and downstream blow-off is opened.	Phoenix operations supervisor interview 8/18/21; Gas Control Daily Report; Tucson operations specialist Interview Information of Valve 37 [DR-22]; Tucson operations specialist_iPhone_Other_0000525	According to the PHMSA COA, Kinder Morgan reported the upstream valve, MLV 37, was closed at 7:00 am. According to SOURCEID_02905-Tucson operations specialist iPhone.xlsx-Chats and Tucson operations specialist_iPhone_0000812, Tucson operations specialist informed Tucson operations supervisor that MLV 37 was closed at 7:04 am.
7:05	Personnel still enroute to Valve 38 via different routes: Phoenix Area Operations Specialist (1); crew leader (1); line patroller; measurement technician (1).	Operations Field Notes (timeline).	

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7:05	Tucson Area Manager sends measurement supervisor - Tucson/Casa Grande a message that states: "How much pressure do we have at TomMix?" Measurement supervisor - Tucson/Casa Grande responds with a picture that indicates both the suction PSI and discharge PSI are 588.	Tucson Area Manager_iPhone_0001969; Tucson Area Manager_iPhone_0001969.0001; measurement supervisor - Tucson/Casa Grande_iPhone_0002325; measurement supervisor - Tucson/Casa Grande_iPhone_0002325.0001; SOURCEID_02917 - Tucson Area Manager iPhone.xlsx - Chats	
7:09	Phoenix operations supervisor calls electrical & controls technician (1). The Tucson operations specialist was going to valve 37. Electrical & controls technician (1) is not sure where measurement technician (1) is, so he calls Tucson operations supervisor to get Tucson operations specialist's contact information.	electrical & controls technician (1) interview 8/18/21; electrical & controls technician (1) Phone Log.	The electrical & controls technician (1) phone log indicates that electrical & controls technician (1) called Phoenix operations supervisor.
7:09	Fire Chief (Coolidge Fire Dept.) contacts Phoenix Area Operations Manager and states that one house has been destroyed.	DR-06_DRAFT Timeline_CONF; Operations Field Notes (Timeline)	
7:09	Tucson operations supervisor calls Tucson operations specialist and asks Tucson operations specialist to close MLV 37 on the 2000 Line. MLV 37 was closed at 7:05 am.	Tucson operations specialist_iPhone_Other_0000525	
7:10	AZ-CC OPS Program Manager notifies PHMSA Accident Investigation Division (AID) Director by email they were sending AZ-CC investigators to the site.	Operations Field Notes	
7:13	Phoenix operations supervisor, electrical & controls technician (1), Phoenix Area Operations Manager, measurement supervisor - Tucson/Casa Grande, and crew leader (1) engage in a group instant message. Phoenix operations supervisor sends a message that states: "Has someone closed the tap yet from the 2000L to Sundance? Making sure 1600 is feeding still. I know there's a check valve."	Phoenix operations supervisor_Samsung_0004679; electrical & controls technician (1)_Samsung_0006570; SOURCEID_02925 - Phoenix operations supervisor Samsung Galaxy S20.xlsx - Instant Messages	

El Paso Natural Gas, Coolidge, AZ Event Timeline - Clean Version

Incident Date : 08-15-21

Source: Not verbatim

Note all times are local time (Mountain Standard Time)

Time	Event	Source	Conflicting Information
7:15	Phoenix operations supervisor, electrical & controls technician (1), Phoenix Area Operations Manager, measurement supervisor - Tucson/Casa Grande, and crew leader (1) engage in a group instant message. Electrical & controls technician (1) sends a message that states: "Yes, measurement technician (2) isolated Sundance."	Phoenix operations supervisor_Samsung_0004679; electrical & controls technician (1)_Samsung_0006570; measurement supervisor - Tucson/Casa Grande_iPhone_0000448; SOURCEID_02925 - Phoenix operations supervisor Samsung Galaxy S20.xlsx - Instant Messages	
7:16	Picacho Compressor Station is verified to be isolated from Line 2000.	Operations Field Notes (timeline).	
7:20	Electrical & controls technician (1) arrives at Picacho. crew leader (1) arrives before electrical & controls technician (1). Electrical & controls technician (1) asks Phoenix Area Operations Specialist (1) to go to MLV 38 shortly after he [presumably electrical & controls technician (1)] arrives to Picacho.	electrical & controls technician (1) interview 8/18/21	
7:24	Force Majeure Notice is drafted.	Operations Field Notes (timeline).	
7:28	According to the Operations Field Notes, line patroller arrives at Valve 38 and is told to stand-by for further instruction as line patroller is not qualified to operate the valve.	Operations Field Notes (timeline); line patroller interview 8/18/21; Phoenix Area Operations Specialist (1) interview.	electrical & controls technician (1) interview 8/18/21 says line patroller arrived at Valve 38 at 7:39 am. line patroller interview notes state in relation to 7:28: "measurement technician (1) was there before him and arrived & started closing MLV 38."
Around 7:30	PHMSA AID Sr. Accident Investigator (on-call) responded to NRC# 1313733. He connected with Kinder Morgan at about 7:30 am.	Operations Field Notes	

El Paso Natural Gas, Coolidge, AZ Event Timeline - Clean Version

Incident Date : 08-15-21

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Time	Event	Source	Conflicting Information
7:31	crew leader (1) calls electrical & controls technician (1) and tells electrical & controls technician (1) that measurement technician (1) is having difficulty getting to Valve 38 due to recent rains and road wash outs.	electrical & controls technician (1) interview 8/18/21; electrical & controls technician (1) phone log; DR-24C_crew leader (1)_Phone Calls + Text Msgs_08-15-2021-*****	
7:31	Tucson Area Manager and Tucson operations supervisor engage in a series of messages. At 7:31, Tucson Area Manager sends a message that states: "Are you on the ERL?" At 7:32, Tucson operations supervisor responds: "Yes." At 7:35 Tucson Area Manager sends a message that states: "I'm so glad we are not involved. [Tucson operations specialist] is staying at the valve, correct?" At 7:38 Tucson operations supervisor responds: "Yes he will stay. They are going to blow down that section and [electrical & controls technician (1)] is coordinating. [*****] is enroute to assist [Tucson operations specialist]."	Tucson Area Manager_iPhone_0001866; SOURCEID_02917 - Tucson Area Manager iPhone.xlsx - Chats	
7:35	Measurement technician (2) sends measurement supervisor - Tucson/Casa Grande the following message: "It's out."	SOURCEID_02929 - measurement supervisor - Tucson/Casa Grande iPhone.xlsx - Chats; measurement supervisor - Tucson/Casa Grande_iPhone_0003110	
7:35	crew leader (1) calls Phoenix Area Operations Manager to let him know that measurement technician (1) is still having difficulty getting to Valve 38.	DR-24C_crew leader (1)_Phone Calls + Text Msgs_08-15-2021-*****_CONF; DR-24A_Phoenix Area Operations Manager_Phone Calls + Text Msgs_08-15-21-*****; Operations Field Notes (Timeline).	electrical & controls technician (1) Interview 8/18/21 indicates call occurred at 7:31 am; Operations Field Notes (Timeline) also indicates this call occurred at 7:31 am.

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Time	Event	Source	Conflicting Information
7:36	Measurement technician (2) sends measurement supervisor - Tucson/Casa Grande the following message: "Still there getting smaller."	SOURCEID_02929 - measurement supervisor - Tucson/Casa Grande iPhone.xlsx - Chats; measurement supervisor - Tucson/Casa Grande_iPhone_0003110	
7:39	Line patroller sends a chat message to Phoenix Area Operations Specialist (1) and electrical & controls technician (1) that offers the following link: https://maps.apple.com/?address=Florence,%20AZ%20%2085132,%20United%20States&aid=17431749029769723609&ll=32.891726,-111.411162&lsp=7618&q=My%20Location&_ext=EiYpaLxjZ8BkQEAXSIyeW+jrW8A5kvtnFx2cQEBBemJenNu6W8BQDA%3D%3D&t=h	SOURCEID_02923 - Phoenix Area Operations Specialist (1) Samsung Galaxy.xlsx - Instant Messages; SOURCEID_02902 - line patroller iPhone.xlsx - Chats; Bline patroller_iPhone_0000002	
7:41	Tucson operations specialist is at valve 37 and begins blowing down the L2000 at 175 psi. Tucson operations specialist was asked to catch lazy vent when blowing down.	electrical & controls technician (1)_Samsung_0006381; Tucson operations specialist_iPhone_Other_0003224;Tucson operations specialist_iPhone_Other_0003225; Tucson operations specialist_iPhone_Other_0003226	
7:41	Electrical & controls technician (1) goes ahead and starts blowing down after Valve 37 was closed. Once the blowing down occurs, the fire goes down in 20 minutes. After the fire is out, electrical & controls technician (1) meets measurement supervisor - Tucson/Casa Grande and then goes toward the rupture site.	electrical & controls technician (1) interview 8/18/21; Tucson operations specialist_iPhone_Other_0003226.	
7:42	Estimator - Construct Cost Sr I sends Tucson operations specialist a chat message that states: "Did you hear back." At 7:44 am, Tucson operations specialist responds to Estimator - Construct Cost Sr I: "Yes I'm currently blowing down."	SOURCEID_02905- Tucson operations specialist iPhone.xlsx-Chats; Tucson operations specialist_iPhone_0000308	

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Time	Event	Source	Conflicting Information
7:44	AZ-CC OPS Program Manager receives an email from PHMSA AID Sr. Accident Investigator indicating that this event involved the 2000 Series 30-inches, which was reportedly an asset that was converted from hazardous liquid service to natural gas.	Operations Field Notes	
7:45	Phoenix operations supervisor, electrical & controls technician (1), Phoenix Area Operations Manager, measurement supervisor - Tucson/Casa Grande, and crew leader (1) engage in a group instant message. Phoenix operations supervisor sends a message that states: "37 and 39 closed blowing down now at approximately 200 psi."	Phoenix Area Operations Manager_iPhone_0000127; Jcrew leader (1)_iPhone_0000016; SOURCEID_02925 - Phoenix operations supervisor Samsung Galaxy S20.xlsx	
7:48	Phoenix Area Operations Manager, Phoenix operations supervisor, crew leader (1), and electrical & controls technician (1) participate in a group message. Electrical & controls technician (1) sends a message that states: "I'm sending [Phoenix Area Operations Specialist (1)] to MLV 38 to help [line patroller] close the valve when the line is blown down." Then, crew leader (1) sends a message that states: "I'm headed there also."	Phoenix Area Operations Manager_iPhone_0000804; SOURCEID_02925 - Phoenix operations supervisor Samsung Galaxy S20.xlsx - Instant Messages; Phoenix operations supervisor interview 8/18/21	Phoenix operations supervisor interview 8/18/21 indicates that electrical & controls technician (1) sent text to Phoenix operations supervisor at 7:50 am.
8:01	Phoenix Area Operations Specialist (1) receives an alert on his phone that reads: "Emergency alert: Extreme Public safety officials in Coolidge are currently managing a large gas fire on the south side of the city. Highway 87 is closed between Kleck Road and Bell Street. No evacuations have been issued at this time. Avoid the area. Further information will follow as needed."	Phoenix Area Operations Specialist (1)_Samsung_Other_0022121; Phoenix Area Operations Specialist (1)_Samsung_Other_0052240	
8:01	Measurement supervisor - Tucson/Casa Grande sends the following message to Phoenix Area Operations Manager: "[crew leader (1)] is 15 min from 2000/1007 cross over."	Phoenix Area Operations Manager_iPhone_0001784; measurement supervisor - Tucson/Casa Grande_iPhone_0003973; SOURCEID_02929 - measurement supervisor - Tucson/Casa Grande iPhone.xlsx - Chats	
8:04	Measurement technician (1) arrives at Valve 38.	Operations Field Notes (timeline).	

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Time	Event	Source	Conflicting Information
8:05	Tucson operations supervisor sends Tucson operations specialist a chat message that states: "Are you blowing down at 37?"	SOURCEID_02905- Tucson operations specialist iPhone.xlsx-Chats; Tucson operations specialist_iPhone_0000812	
8:06	Tucson operations specialist sends Tucson operations supervisor a chat message that states: "Yessir almost all down."	SOURCEID_02905- Tucson operations specialist iPhone.xlsx-Chats; Tucson operations specialist_iPhone_0000812	
8:08	Measurement supervisor - Tucson/Casa Grande sends to instant messages to Phoenix operations supervisor and Phoenix Area Operations Manager. The first instant message states: "https://goo.gl/maps/evLeRMS9Q9SX3jsM8 Dropped pin." The second instant message states: "Command post."	Phoenix Area Operations Manager_iPhone_0000163; measurement supervisor - Tucson/Casa Grande_iPhone_0000485; SOURCEID_02929 - measurement supervisor - Tucson/Casa Grande iPhone.xlsx - Chats	
8:15-8:20	Phoenix operations supervisor arrives at the site and the fire is out. Phoenix Area Operations Manager had not heard yet.	Phoenix operations supervisor interview 8/18/21	electrical & controls technician (1) interview 8/18/21 indicates Phoenix operations supervisor arrives at approximately 8:10 am.
8:15	Line patroller and Phoenix Area Operations Specialist (1) report that Valve 38 is closed.	Gas Control Daily Report	
8:16	Measurement technician (1) reports that Valve 38 is closed.	DR-06_DRAFT Timeline_CONF	
8:17	Tucson operations specialist shuts in with lazy vent.	Tucson operations specialist_iPhone_Other_0003226; handwritten notes by Tucson operations specialist photographed on iPhone.	

El Paso Natural Gas, Coolidge, AZ Event Timeline - Clean Version

Incident Date : 08-15-21

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Time	Event	Source	Conflicting Information
8:18	Products Pipelines - ROW Specialist sends Division Operations Director the following chat message: "Mr. [Division Operations Director], [ROW Specialist] here with KM products What can me and my team do to assist your team? [***] and [***] helped us this week so want to help out. We have guys ready to roll. [*****] is okay with us helping." At 8:19 am, ROW Specialist sends Division Operations Director the following chat message: "Labor hands, logistics whatever you need"	SOURCEID_02916 - Division Operations Director iPhone 8.xlsx-Chats	
8:18	Phoenix operations supervisor reports via ERL+ call that pipeline fire has subsided.	Operations Field Notes (timeline).	
8:19	According to Phoenix Area Operations Specialist (1)'s interview notes, Phoenix Area Operations Specialist (1) arrives at valve 38 (at approximately 8:05 a.m. - 8:10 a.m.) via farm roads. line patroller and measurement technician (1) are present. They finished closing the valve within 5 minutes or less. Phoenix Area Operations Specialist (1) pumped while another man finished. According to the line patroller interview notes, when the valve was completely closed, crew leader (1) was called to notify him of the closure. Later, crew leader (1) arrived and confirmed the all good. LOTO is applied at 8:19 a.m.	Phoenix Area Operations Specialist (1) interview 8/18/21; line patroller interview notes	DR-06_DRAFT Timeline_CONF indicates that Phoenix Area Operations Specialist (1) (Operations Specialist) arrives at Valve 38 between 8:04 am and 8:16 am (time is approximate; he arrived after measurement technician (1) and before Valve 38 is closed). Crew leader (1) interview notes indicates he arrived at MLV 38 around 8:00 am and that he watched the men LOTO the valve.
Around 8:20	Phoenix operations supervisor arrives at Picacho Station and then visits the scene.	Operations Field notes	
8:20	Tucson operations supervisor and Tucson Area Manager engage in a series of messages. At 8:20, Tucson Area Manager sends a message that states: "Did you get that?" At 8:22, Tucson operations supervisor responds: "Yes. [Tucson operations specialist] just shut in with a lazy vent." At 8:23 Tucson Area Manager sends a message that states: "Have [Tucson operations specialist] get a pressure now too and an ending pressure 2- 5 lb."	SOURCEID_02917 - Tucson Area Manager iPhone.xlsx - Chats	
8:20	Report made that one burn victim has been transported to the hospital.	Operations Field Notes (timeline).	

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Time	Event	Source	Conflicting Information
8:20	Field Personnel reported the fire was extinguished. The Arizona Fire Marshal and Coolidge Police Department responded to the scene.	Gas Control Daily Report; PHMSA Corrective Action Order	
8:20	Tucson operations specialist (Operations Specialist - Tucson Area) sends the following chat message to Randon Kimbell and Tucson operations supervisor (Operations Supervisor - Tucson Area): "Blew down with lazy vent at MLV 37 2000 LN @ 8:17."	SOURCEID_02905 - Tucson operations specialist iPhone.xlsx - Chats; Tucson operations specialist iPhone_0000002	
8:25	Tucson Area Manager (Tucson Area Manager) sends Phoenix Area Operations Manager (Operations Manager) a message that states: "Have your guys get an upstream pressure now please. It will be needed in the investigation."	Phoenix Area Operations Manager iPhone_0003748; Tucson Area Manager iPhone_0001133; SOURCEID_02917 - Tucson Area Manager iPhone.xlsx - Chats	
8:26	Tucson operations supervisor sends Tucson operations specialist a chat message that states: "[Tucson operations specialist] please get a pressure on the lazy vent."	SOURCEID_02905- Tucson operations specialist iPhone.xlsx-Chats; Tucson operations specialist iPhone_0000812	
8:39	Measurement supervisor - Tucson/Casa Grande sends two chat messages to Tucson Area Manager, Pipeline Engineer (2), Division Operations Director, and Phoenix Area Operations Manager. One message provides the following link: https://goo.gl/maps/Doma8EWXFsAYEwn59 ." The second message states: "Dropped pin."	SOURCEID_02917 - Tucson Area Manager iPhone.xlsx - Chats; SOURCEID_02929 - measurement supervisor - Tucson/Casa Grande iPhone.xlsx - Chats; Phoenix Area Operations Manager iPhone_0000126	
8:58	Kinder Morgan submits a second NRC report (NRC Report No. 1313743), reporting the fatalities and injury, providing the coordinates of the failure location and reporting the fire was extinguished at 8:20 am MST.	DR-13_National Response Center Report_CONF; PHMSA Corrective Action Order	
Around 9:02	PHMSA notifies the NTSB of this accident. The NTSB Response Operations Center provided an informal notification of the potential release to the Duty Officer after NRC #1313743 was received.	Operations Field Notes	
9:19	The AZ-CC inspector arrives onsite and checks in with Command Center.	Operations Field Notes	
9:30	PHMSA AID offers to help with AZ-CC investigation and deploys an investigator.	Operations Field Notes	

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Time	Event	Source	Conflicting Information
9:40	Tucson operations specialist locks out all valves at MLV 37 and east and west blowoffs.	Tucson operations specialist_iPhone_Other_0000651; Tucson operations specialist_iPhone_Other_0003227; handwritten notes by Tucson operations specialist photographed on iPhone.	
9:42	Tucson operations specialist sends Tucson operations supervisor a chat message that states: "All locked and waiting on [*****] to return from Tom Mix."	SOURCEID_02905- Tucson operations specialist iPhone.xlsx-Chats; Tucson operations specialist_iPhone_0000812	
10:13-10:18	Division Operations Director, Manager - Engineering, Pipeline Engineer (2), and two unknown participants (Possibly Pipeline Engineer (3) and *** (last name unknown) engage in a series of chat messages. Manager - Engineering sends a message that stated: "*****, *****, *****, & *****, I am leaving El Paso & should be on-site in about 5+ hours. Unless there are objections, I would like the team to meet tomorrow @ 7am AZ at Casa Grande. Let me know if this works for everyone. Thanks." Pipeline Engineer (2) responds "Okay." (A number possibly associated with Pipeline Engineer (3) responds "Okay" and a number possibly associated with *****) responds "Works for me. *****)"	SOURCEID_02916 - Division Operations Director iPhone 8.xlsx-chats.	
10:13	Maintenance manager sends Division Operations Director a chat message that states: "Hello [Division Operations Director] we have been on the ERL call we're available when you're ready for us. let us know. [****] is on site and will coordinate temporary fencing we are in contact with Phoenix Area Operations Manager and [Manager - Engineering]." At 10:18 Maintenance manager sends Division Operations Director an additional message, which states: "We're lining up the crew, equipment and pipe."	SOURCEID_02916 - Division Operations Director iPhone 8.xlsx-chats.	

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Time	Event	Source	Conflicting Information
10:49	An alert is sent from 35842 that states: "1/2:Div 1 - EPNG,ERL+,Update,8/15@11:42M,Info Only,FIRE,PROP DAMAGE,Coolidge AZ Line 2000 Failure confirmed. Line isolated between MLV 37 and 39. Fire is out 2/2:and scene has stabilized. KM personnel coordinating with local authorities on remaining response. Reportable to PHMSA and CSB., West Region Vice President @*****."	SOURCEID_02917 - Tucson Area Manager iPone.xlsx - Chats; SOURCEID_02916 - Division Operations Director iPhone 8.xlsx - Chats; Phoenix Area Operations Manager_iPhone_0007722; measurement supervisor - Phoenix Area_iPhone11_0000828	
10:50	ERL+ info only update is sent out.	Gas Control Daily Report	
10:59	Kinder Morgan submits a third NRC report (NRC Report No. 1313836) reporting a potential exceedance of the reportable quantity for nitrogen oxide may have occurred.	DR-13_National Response Center Report_CONF; PHMSA Corrective Action Order	
11:56	Electrical & controls technician (1) sends Tucson operations specialist the following chat message: "Can you send me the time you started blowing down the L2000? This is [electrical & controls technician (1)]." At 12:03, Tucson operations specialist responds: "Started blowdown at 7:41 am"	SOURCEID_02905 - Tucson operations specialist iPhone.xlsx - Chats; Tucson operations specialist_iPhone_0000003	
12:08	Crew leader (1) sends the following instant message to electrical & controls technician (1), Phoenix operations supervisor, Phoenix Area Operations Manager, crew leader (2) and PPS Crew Lead: "FYI: in case you need it. Picacho Station 5320 East Randolph Rd Coolidge, AZ 85128 Casa Grande Office 931 West Gila Bend Hwy Ste 2 Casa Grande, AZ 85122"	SOURCEID_02910 - electrical & controls technician (1) Samsung.xlsx; Phoenix Area Operations Manager_iPhone_0000122; Jcrew leader (1)_iPhone_0000015	
Before 1 pm	Phoenix Area Operations Specialist (1) has a meeting at Picacho sometime before 1 pm.	Phoenix Area Operations Specialist (1) interview 8/18/21	

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1:00	SW B controller had primary responsibility for EPNG's system in the area where the rupture occurred. SW B controller indicated that his focus was on reducing compression upstream of the failure location and diverting gas away from the ruptured area. SW B controller initiated the commands from his console to shutdown Tom Mix, Lordburg, Serita, Cornelius and El Paso Stations. He logged all information in the KMCRA database. He was relieved from his desk at 1p.m. for drug and alcohol testing, in accordance to company protocol.	Operations Field Notes (Interviews conducted).	
Between 1pm and 3pm	Phoenix operations supervisor is asked by Arizona Corporation Commission personnel to leave the area. Phoenix operations supervisor returns to the compressor station to see if the MP was correct. Phoenix operations supervisor looks up the size of the pipe; gets fencing and arranges for temporary lighting and installation of fence; and, arranges security with Corp Security.	Phoenix operations supervisor interview 8/18/21	
2:01	Measurement supervisor - Tucson/Casa Grande sends Tucson operations specialist a chat message that states: "[Tucson operations specialist], Was MLV 37 left isolated and blow down?" At 2:06 pm, Tucson operations specialist responds: "LOTO was applied. Second pic should be first. Let me know if you need anything I'll also send a pic of all valves isolated and LOTO"	SOURCEID_02905- Tucson operations specialist iPhone.xlsx-Chats; Tucson operations specialist iPhone_0000552; measurement supervisor - Tucson/Casa Grande iPhone_0001449	
2:12	Measurement supervisor - Tucson/Casa Grande sends Division Operations Director a chat message that states: "L2000 Rupture site https://maps.google.com?q=32.9223300,-111.4977470&hl=en-US&gl=us&entry=gps L2000 Rupture site."	Measurement supervisor - Tucson/Casa Grande iPhone_0000443; SOURCEID_02916 - Division Operations Director iPhone 8.xlsx - Chats	

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2:28	Division Operations Director, Phoenix operations supervisor, Phoenix Area Operations Manager, and West Region Vice President engage in a group chat message. Phoenix operations supervisor sends a chat message that states: "One more acc inspector on site. Alan Borne. They said they were going to stop by the casa grande office. Water flow in irrigation ditch down to a trickle now. Fire inspector on-site with Casa Grande fire department said its going to be on a couple of hours before we can get back in. He also requested a schematic of our 2000L in this area be emailed to him."	SOURCEID_02916 - Division Operations Director iPhone 8.xlsx - Chats; Phoenix Area Operations Manager_iPhone_0000121; Division Operations Director_iPhone_0000467	
3:47	crew leader (1) sends a message to Phoenix operations supervisor, Tucson operations specialist, and others that states: "Tucson operations specialist ***** electrical & controls technician (2) ***** Tucson techs that will assist with security. Please call and get them set up for 6PM - 6 AM tonight or 8 to 8."	SOURCEID_02909 - crew leader (1) iPhone.xlsx - Chats; DR-24C_crew leader (1)_Phone Calls + Text Msgs_08-15-2021-*****_CONF	
3:58	[THIS ENTRY TRUNCATED IN ORIGINAL SUBMITTAL] crew leader (1) sends a text message to Phoenix operations supervisor that states: "Thanks...[****] and I spoke with both of them...they plan on being at Picacho Station at 07:30...[*****] will brief them on what is required...thanks"	SOURCEID_02909 - crew leader (1) iPhone.xlsx - Chats	
4:45pm	There is a text message exchange between Phoenix operations supervisor and the Chief from Dillon. Phoenix operations supervisor sends the Chief a message that states: "Hi, this is [Phoenix operations supervisor] again with Kinder Morgan again. Any ETA on us being able to get on site. Thanks." The Chief responds: "[Phoenix Operations Supervisor] we are wrapping up our investigation for tonight...security will on site...so it be late tomorrow at the earliest but this is going to be up to the fire marshal. We have Corporation Commission and pipeline inspectors currently in the area of the crater."	Phoenix operations supervisor interview 8/18/21; SOURCEID_02925 - Phoenix operations supervisor Samsung Galaxy S20.xlsx - Instant Messages	

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Around 8:00pm	Phoenix operations supervisor receives a call from Division Operations Director to get pictures of the sign-in sheet.	Phoenix operations supervisor interview 8/18/21	Division Operations Director's call log indicates that this call occurred around 10:02 pm.
Legend			
	Gas Control Daily Report [Produced to NTSB at DR-12D_Colo Springs Control Room Phone Call Notes and Recordings from 8-15-21_5am-830am_CONF]		
	Coolidge FD Log		
	NRC Records [Produced to NTSB at DR-13_National Response Center Report_CONF]		