



Vernon Fire / EMS
 Station: 1
 Shifts Or Platoon: B Shift

Location: Hwy 287 E Oklunion TX 76373 FM 433	Incident Type: 133 - Rail vehicle fire
Lat/Long: N 34° 8' 7.45" W 99° 10' 19.7"	FDID: XS603 Incident #: 2022-53 Exposure ID: 63518335 Exposure #: 0 Incident Date: 01/08/2022
Zone: Wilbarger County - Wilbarger County Location Type: 2 - Intersection Cross Street, Directions or National Grid: FM 433	

Report Completed by:	Crumbley , Lance Aaron	ID: 1115	Date: 01/19/2022
Report Reviewed by:	Crumbley , Lance Aaron	ID: 1115	Date: 01/19/2022
Report Printed by:	Crumbley, Lance Aaron	ID: 1115	Date: 1/31/2022 Time: 12:05

Structure Type:	Property Use: 951 - Railroad right-of-way		
Automatic Extinguishment System Present: <input type="checkbox"/>	Detectors Present: <input type="checkbox"/>	Cause of Ignition: Unintentional	
Aid Given or Received: Mutual aid received	Primary action taken: 10 - Fire control or extinguishment, other		
Additional actions: 40 - Hazardous condition, other, -			
Losses	Pre-Incident Values		
Property:	Property:	Civilian Injuries: 0	Fire Service Injuries: 0
Contents:	Contents:	Civilian Fatalities: 0	Fire Service Fatalities: 0
Total:	Total:	Total Casualties: 0	Total Fire Service Casualties: 0
Total # of apparatus on call: 7		Total # of personnel on call: 18	

Special Studies	
COVID 19 was a factor in this incident.	No, COVID 19 was not a factor.

NARRATIVE (1)
Narrative Title: n/a Narrative Author: Crumbley, Lance Narrative Date: 01/10/2022 13:34:17 Narrative Apparatus ID: n/a Narrative: <p>I arrived at 1033. Received report from Initial IC, Capt Josh Billings, and assumed command. Capt Billings informed me that they were attempting to unhook and pull away rail cars that were not involved from the rear of the train which was successful. I was informed that all involved rail cars were identical and were filled with ethanol. Multiple resources had been contacted for assistance. A staging point was established and firefighter Clay Burkham was appointed as staging officer. Wilbarger county crews constructed fire breaks to contain the resulting grassfire. FA1 and Harrold VFD brush truck kept the grassfire contained. TXDOT shut down US Hwy 287 until BNSF crews arrived and deemed there to be no imminent threat to the highway. Wilbarger county SO assisted with keeping the scene secure and also ensured that the only house that was in the path of the smoke plume was vacated. After crews arrived from WFFD, one of the crew members stated that he had been in contact with a representative from BNSF HAZMAT response and requested at least 20,000 gal of water to be on scene prior to BNSF crews initiating firefighting operations. Crews continued to arrive and check into staging. After the arrival of BNSF crews, they were assisted in setting up their operations. After dumping their water in the BNSF tanks, all engines were released from the scene. All tenders remained to continue water shuttle operations. Water was obtained from the City of Vernon. Support for BNSF crews and contractors was continued throughout the incident. I was relieved by Chief Chris Cook at approx 0330 on 1/9/22.</p>

NARRATIVE (2)**Narrative Title:** 1st arriving**Narrative Author:** Billings, William**Narrative Date:** 01/11/2022 08:50:12**Narrative Apparatus ID:** n/a**Narrative:**

Fire is dispatched initially for a train on fire without further information. E1 is sent with 3 personnel. While in route, fire is advised of multiple explosions and multiple cars involved. An RP on site called Clay Burkham and advised of a UN number. Number is looked up in route in ERG and cargo is determined to be denatured alcohol. Station personnel are advised to page for a HazMat incident and told to get hold of Chief and Assistant Chief. As E1 gets in sight of the incident is determined that multiple cars are derailed and actively on fire. E1 is positioned to keep any outside bodies away from the incident Bravo 1 assumes command. TXDOT, DPS, Utility companies and first mutual aid companies are contacted. WCSO is asked where occupants of the train are and they point towards an overpass over the tracks where an SO vehicle has traffic stopped. Several tank cars are under this over pass that FD is unsure of the status of. SO is asked to bring train crew to FD location and clear traffic off of the overpass and get traffic stopped prior to the bridge. Once train crew is brought to FD location, they produce a tablet with the cargo info and a photo is taken of it. They are asked if the cars that are not involved can be uncoupled. Jacob Stringer is sent with the crew to uncouple the uninvolved cars and get them moved to a safe distance. Bravo 1 attempts to walk down the road to see how far the damage goes but turns around to due to venting systems on cars going off. Back at E1, Delta 2 arrives on scene and is briefed as to current conditions and who has been called and assumes IC while Bravo 1 assumes operations.

NARRATIVE (3)**Narrative Title:** BNSF**Narrative Author:** Cook, Chris**Narrative Date:** 01/15/2022 08:51:10**Narrative Apparatus ID:** CHIEF**Narrative:**

I assumed command from Asst. Chief Crumbley after being briefed of the operations. Water shuttle operations continued and FA 1 monitored the south side of the roadway to insure the fire did not jump. All of our other personnel were in staging. At approximately 07:30 command was turned over to Lt. Kevin Steele.

NARRATIVE (4)**Narrative Title:** n/a**Narrative Author:** Steele, Kevin**Narrative Date:** 01/18/2022 08:24:14**Narrative Apparatus ID:** n/a**Narrative:**

I assumed command at 0730 on 1-9-2022 from Chief Chris Cook. After arriving on scene I received an update on the status of our operations from our on scene personnel. I was informed that water supply had been taken over by BNSF water tankers. Our operation at this time was of backup and EMS standby. While standing by there was 1 BNSF contracted firefighter who was treated and released for a minor injury. A few of our personnel were sent back to the station and replaced by others. After standing by for a few hours a rep from BNSF came and informed us that we were relieved of duty. All units cleared at this time.

APPARATUS

Unit E-1
Type: Engine
Use: Suppression
Response Mode: Lights and Sirens
of People 3
Alarm 01 /08/2022 09:30:00
Dispatched 01 /08/2022 09:30:00
Enroute 01 /08/2022 09:34:00
Arrived 01 /08/2022 09:50:00
Cancelled -- /--/-- --:--:--
Cleared Scene 01 /09/2022 09:15:00
In Quarters -- /--/-- --:--:--
In Service -- /--/-- --:--:--

Unit FA-1
Type: Brush truck
Use: Suppression
Response Mode: Lights and Sirens
of People 2
Alarm 01 /08/2022 09:30:00
Dispatched 01 /08/2022 09:30:00
Enroute 01 /08/2022 10:17:00
Arrived 01 /08/2022 10:30:00
Cancelled -- /--/-- --:--:--
Cleared Scene 01 /09/2022 09:15:00
In Quarters -- /--/-- --:--:--
In Service -- /--/-- --:--:--

Unit U-1
Type: Support apparatus, other
Use: Other
Response Mode: Lights and Sirens
of People 1
Alarm 01 /08/2022 09:30:00
Dispatched 01 /08/2022 09:30:00
Enroute 01 /08/2022 10:21:00
Arrived 01 /08/2022 10:33:00
Cancelled -- /--/-- --:--:--
Cleared Scene 01 /09/2022 09:15:00
In Quarters -- /--/-- --:--:--
In Service -- /--/-- --:--:--

Unit CHIEF
Type: Chief officer car
Use: Suppression
Response Mode: Lights and Sirens
of People 1
Alarm 01 /08/2022 09:30:00
Dispatched 01 /08/2022 09:30:00
Enroute 01 /08/2022 10:34:00
Arrived 01 /08/2022 10:46:00
Cancelled -- /--/-- --:--:--
Cleared Scene 01 /09/2022 09:15:00
In Quarters -- /--/-- --:--:--
In Service -- /--/-- --:--:--

Unit T-1
Type: Tanker & pumper combination
Use: Suppression
Response Mode: Lights and Sirens
of People 2
Alarm 01 /08/2022 09:30:00
Dispatched 01 /08/2022 11:15:00
Enroute 01 /08/2022 11:19:00
Arrived 01 /08/2022 11:35:00
Cancelled -- /--/-- --:--:--
Cleared Scene 01 /09/2022 09:15:00
In Quarters -- /--/-- --:--:--
In Service -- /--/-- --:--:--

Unit HM1
Type: HazMat unit
Use: Suppression
Response Mode: No Lights or Sirens
of People 1
Alarm 01 /08/2022 09:30:00
Dispatched 01 /08/2022 12:03:00
Enroute 01 /08/2022 12:14:00
Arrived 01 /08/2022 12:29:00
Cancelled -- /--/-- --:--:--
Cleared Scene 01 /09/2022 09:15:00
In Quarters -- /--/-- --:--:--
In Service -- /--/-- --:--:--

Unit A-1
Type: BLS unit
Use: EMS
Response Mode: No Lights or Sirens
of People 2
Alarm 01 /08/2022 09:30:00
Dispatched 01 /08/2022 12:03:00
Enroute 01 /08/2022 12:14:00
Arrived 01 /08/2022 12:29:00
Cancelled -- /--/-- --:--:--
Cleared Scene 01 /09/2022 09:15:00
In Quarters -- /--/-- --:--:--
In Service -- /--/-- --:--:--

Number Of People not on apparatus: 6

FIRE			
Acres Burned	100	Acres Burn From Wildland Form	False
Material			
Flammable liquid, not gasoline			
Storage Use			
Bulk storage or warehousing			
Area Of Fire Origin	Undetermined	Heat Source	Undetermined
Item First Ignited	Undetermined	Fire Is Confined To Object Of Origin	
Type Of Material	Undetermined	Cause Of Ignition	Unintentional
Factor Contributing To Ignition	Undetermined		
Human Factors Contributing	None		
Mobile Property Involve And Type	Involved in ignition and burned	Mobile Property Type	Tank car
Mobile Property Make	Other Make	Mobile Property Year	

CUSTOM FIELDS FORM	
Is this an Out of County Inter-Facility Transfer?	No

PERSONNEL ON CALL			
Name	Personnel Rank	Role(s)	Apparatus
Billings, William J	Captain		E-1
Burkham, Clay	FF/EMT-I		E-1
Cabrera, Edward	RESERVE FF		Other
Clark, Nolan	FF/EMT		Other
Coley, Timothy	LT/EMT-P		FA-1
Cook, Chris W	CAPT		CHIEF
Crumbley, Lance Aaron	Captain		U-1
Ferguson, Chandra	EMT-I		T-1
Henderson, Braden	EMT-B		HM1
King, Benny	RESERVE FF		FA-1
Lucus, Dustin	EMT-B		Other
Perez, John H	FF/EMT-P		T-1
Prather, Danny L	RESERVE - SUPPORT		Other
Ragan, Robin R	LT/EMT		A-1
Richey, Jarrod	FF/EMT		Other
Steele, Kevin Lynn	LT/EMT-I		Other
Stringer, Jake	FF/EMT		E-1
Young, Justin	EMT-B		A-1

Member Making Report (Captain Lance Aaron Crumbley): _____

Incident Reviewer (Captain Lance Aaron Crumbley): _____

On scene FDS

Vernon Fire/EMS

Harrold VFD

Electra VFD

WFFD

Sheppard AFB

Iowa Park VFD

Wichita West VFD

Kay may VFD

Jolly VFD

Assisted outside
of RR incident

Chillicothe VFD

Odell VFD

Wilbarger Co SO

Wilbarger Co EOC

TBEM

TX DPS

TXDOT

City of Vernon

County of Wilbarger

Vernon Farmers
Coop

Clay County EOC

AEP

Sanita Rosa

TCEQ

At Staging	unit	Assignment	Left Staging
1056	E-1 D-1 324		
1100	unit 6	to Fill Drop tank then clear	1444
1108	unit 9	to Fill Drop tank	1444
1115	SA 5 E-5	SA 5 remained on scene E-5 Filled Drop Tank Then Filled truck	1500
1119	Hazmat 5 608	Hazmat cleared 608 stay on scene	1301 In Service
1123	Electra 1		1500 in Service
1128	WFFO Expedition		
1137	Tanker 1		
1155	WFFO Expedition		1301 In Service
1155 1155	Crash 80 Park 10	Fill Drop tank then clear	1537 In Service
1159	maintenance 9		
1159	Chief 1		cleared 1301
			cleared 1545

gal	1844	
1000	unit 6	To Fill
3000	unit 9	
	1500	
750	E 5	
750	E 1	1500
	1510	
5000	COOP	
1500	1737	
2000	crash 80	
	740 1545	14000 In Bladders
3000	941 1816	E 1 1816 for Five Fighting
3000	Park 10 1833	mate with unit E-1 1918
		water 1918
3000	440 1902	E-1
2500	T 1	1902 Drop Tank
2000	CV water	1921 TO tank cleared when Empty
4000	T 20	1920 mate with E-1
3000	Unit 9	1921 to tender 20
4000	T 10	1937 to tender 20
2000	740	
6000	COOP Clear	1901

AI Staging	Unit	Assignment	Left staging
	Tender 10	TO Tender 20	1937 1937
1936	740	TO Drop Tank	1951
1936	740 941	TO Drop Tank	2002
1951	Tanker 1	TO Tender 20	2010
1959	Park 10	TO Drop Tank	2029
2005	Keyway 440	TO Tender 20	2031
2031	Tanker TX	TO Drop Tank	2040
2033	unit 9	TO Tender 20	2059
2047	Tender 10	TO Drop Tank	2112
2052	Jolly 941	TO Tender 20	2127
2107	740	TO Drop Tank	2136
2123	Park 10	TO Bladders Drop Tank	2136
2126	Tanker 1	TO Drop Tank	2150
2127	Keyway 440	TO Tender 20	2153
2147 Call Time	EMS@staging	Transport to WGH	2157
2149	Tanker TX	TO Drop Tank	2206
2219	Tender 10	TO Tender 20	2219
2226	740	TO Drop Tank	2233
2233	Jolly 941	TO Drop Tank	2244
2234	unit 9	mate to E1	2303
2242	tanker 1	TO Drop Tank	2307
2247	A-1		
2254	Park 10	TO Drop Tank	
2300	740		2325



At staging	unit	assignment	out staging
2305	Kaymax 440	Frak tank Fill	2317
2318	740 740	To Drop tank	23 37
2320	Tender 20	Di'sconnected cleared	23 53 53
2327	TX Tanker	To Drop Tank	2346
2335	Tender 10	Frak Drop tank clear	2353
2340	941	To unit 9	0024
2342	740		
2350	Tanker 1	To Drop Tank	0035
2357	E-1	Full of fuel staging Back to Fire Attack	0000 0000
0002	Kaymax 440	Frak Tank	0004
0010	Park 10	TO 941	0048
0010	505 E5 608	clear Back in route to WF	0010
0017	740	TO Drop Tank	0055
0048	E1	out of service	0102
0056	440	Frak Tank	0142
0125	Tanker	TO Drop Tank	0139
0136	Park 10	Frak Tank	0615
0143	740	CLEAR	0152
0152	440	Frak Tank	0213
0213	Park 10	Frak Tank	

(2)

AT Staging	unit	assignment	out of staging
0228	440	Frak Tank	02 40 28
0246	Park 10	Frak Tank	0246
0258	Tanker 1	Frak Tank	0258 0300
0306	440	Frak Tank	0306
0318	Park 10	Frak Tank	0319
0345	Tanker 1		
0353	440	Frak Tank	Cleared dot 0353
403	Park 10	Frak tank	0406
434	FA-1	stand by	0450
0443	Park 10 Park 10	clear clear	0443 0808
	941	clear	0605
NA	IP	Cleared	0812 cleared
	T33 Environmental Management	left (unknown)	0834
	T34 Environmental Management	left (unknown)	0900
0911	T33 Environmental Management	Returned	0911
0953	T34 Environmental Management	Returned	

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A