

# Lonestar Prospects Ltd. Vista Sand

Fatal Accident: February 26, 2016

# Overview

- February 26, 2016 Elvin T. Terrell, delivery truck driver, age 61 was fatally injured when he a 50 foot section of PVC pipe fell on him.
- He was securing tie down straps on the driver's side of his flatbed trailer
- A section of pipe rolled off the top of the load and struck him.



# Information

Read the sections entitled “Description of Accident” and “Discussion” on pages 3-6 of the Accident Investigation report.

# Information

- Were the ratchet straps adequate to hold the weight of the pipe sections?
- Were the ratchet straps in use?
- Did it appear that adequate information was available to the truck driver regarding safe loading and unloading procedures?
- Were training or experience a factor in this accident?

# Accident Cause

What was the cause  
of the accident?

# MSHA Root Cause

Management's policies and work procedures were inadequate and failed to ensure that a truck load of pipe was unloaded in a manner that did not create a hazard to persons.

# MSHA Corrective Action

Management established the following mandatory policies and controls:

- A completion of a Load Assessment Risk form
- Freight Loading and Unloading Site Specific sign off form
- Load Assessment form
- Set pedestrian danger zones and safe zones to ensure that pipe can be unloaded from trucks in a manner that does not create a hazard to persons



# Accident Prevention

What could have prevented this accident?



# Accident Prevention

Outline proper  
procedure for  
performing this task

# MSHA Best Practices

- Analyze all tasks, identify possible hazards prior and eliminate the risks prior to beginning work.
- Before beginning work, establish safe work procedures, train and discuss with all persons performing the task.
- Examine work areas during the shift for hazards that may be created as a result of the work being performed.

# MSHA Best Practices

- Evaluate the stability of the material before unfastening a load. Pay particular attention to loads that may have shifted or become unstable during transport.
- Install secondary supports (side stakes) of adequate height and strength to prevent material from falling when the load is unfastened; or prior to unfastening the material, secure the item being unloaded to the machine used in the unloading process.

# MSHA Best Practices

- Stand clear of items of massive weights having the potential of becoming off-balanced while being loaded or unloaded.
- Implement measures to ensure persons are properly positioned and protected from hazards while performing a task. Ground personnel should be highly visible. Unauthorized persons should be kept clear of the area.