

MESQUITE

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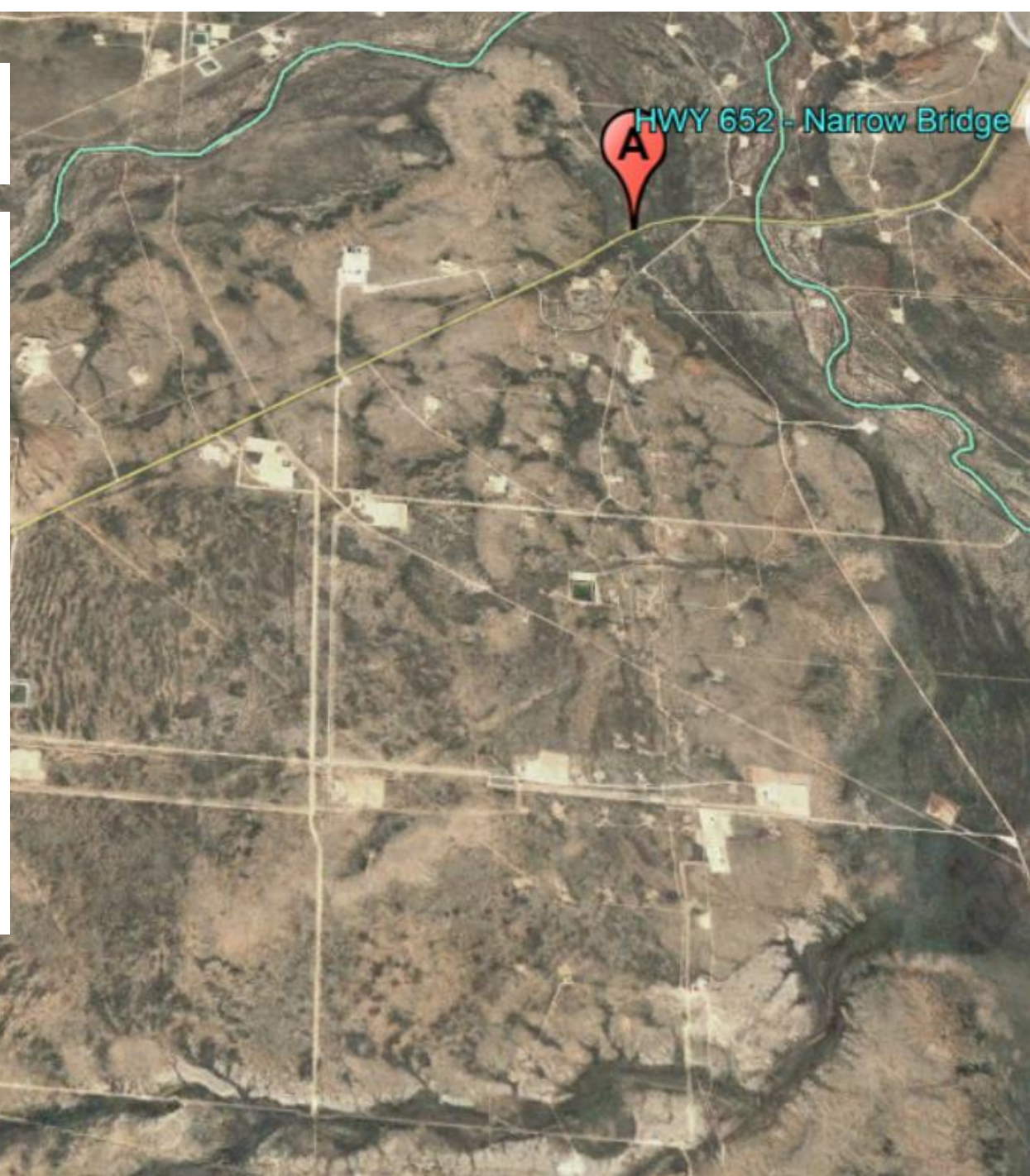
MESQUITE

- Started as TexStar Oilfield Services in 2011
- Merged with Mesquite Services in Feb 2015
- Fleet of 106 Vacuum Trucks
 - Yards in Carlsbad and Orla
 - 400-500 Loads per Day in Orla



Accident Summary

- Accident Date: January 3rd, 2017 11:25 PM
- Fatality - Alejandro (Alex) Hernandez
 - 48 years old
 - Husband, father and grandfather
 - Employee since April 2015
- Location: Narrow bridge West of Orla
- Two versions of events:
 - Mesquite tractor entered a narrow bridge in oncoming traffic lane
 - Ford F250 pulling pipe trailer made contact with bridge railing causing trailer to enter the Mesquite tractor path
- Collision caused Mesquite tractor to roll one and a half turns ejecting Mr. Hernandez. Driver was not wearing seatbelt
- Driver fatigue not an issue
 - on duty 4.5 hours after DOT reset
- Pronounced dead: January 4th 1:25 am







11.) The GPS unit on Alejandro's truck shows that he was driving a reasonable speed all the way down 652, up to, and including the accident. Over the miles before the accident, Alejandro was driving along at about 60 miles per hour, well under the posted 75 mph speed limit. He had a low of 52 mph and a high of 64 mph. Our GPS system "pings" every 5 seconds. As he approached the bridge in question, the GPS pinged him at 60 mph, 59 mph, 48 mph, and finally 38 mph on the last ping. |

Speed Prior to Impact







Unseen Impacts

- **Mental Effects**
 - “It’s not worth it anymore”
 - Morale declines
 - Paranoia
 - Frustration
- **Company Concerns**
 - Fear of lawsuits
 - Fear of losing company
 - Insurance Rates

What happened to us:

Yard Mgr – 6 months leave

Drivers left the industry

Fear of the next call

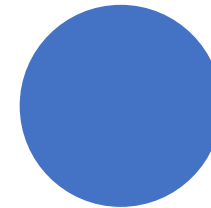
Short tempers – blame

Lawsuit - To be determined

Significant increase in
insurance rates

- Revamp of safety meetings, safety training and topic choices
 - Reviewed and revised truck routes for least highway exposure
 - Began communicating with oil companies, land owners and consultants to share our experience and offer assistance to help drive change – we will work with anyone interested
 - Replaced entire fleet with new trucks
 - Automatic transmissions
 - Anti rollover technology
 - Lane departure warnings
 - Collision alert system
 - Seat belt warnings
 - Driver scorecard system
 - Added a more robust headache rack to help protect driver in rollover accidents
 - Currently working on trailer replacement plan with the latest anti rollover technology
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Actions Taken



Concerns/Suggestions

- Improve the safety of the narrow bridges
- Traffic control at 4-way in Orla
- Review of speed limits
- DOT presence in Orla – increased DOT audits – hotline?
- Non-compliant trucking companies are growing
 - Driver fatigue is major issue
 - Some oil companies don't fully understand how to verify and monitor legal aspects of trucking companies
- Better relationships with land owners along with strategic unload sites would allow fewer trucks on the highway, reduce highway damage and allow more water to be hauled with fewer trucks

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THANK YOU