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# **Gas Industry Vehicle Identification**



# Thumper Trucks



**A thumper truck (or weight-drop) truck is a vehicle-mounted, ground-impact weight to provide the seismic source. A heavy weight is raised by a hoist at the back of the truck and dropped, possibly about nine feet, to impact (or "thump") the ground.**



# Vibe Trucks



**The vibe truck is a truck-mounted device that is capable of injecting low-frequency vibrations into the earth.**



# Flail Mulchers



**A Flail Mulcher is a vehicle mounted cutting head driven by a PTO to cut and mulch brush to small diameter trees to clear rights-of-ways.**



# Seismic Drills



**A compact drill rig used for the purpose of drilling holes for seismic exploration.**



# Helicopter

“Overhead sling load operation”



**Used for the movement of equipment associated with seismic exploration.**



# Construction Equipment



**Used for the purpose of moving large amounts of earth in preparation for well pads, impoundments or other associated sites needed by the industry.**



# Pole / Winch Truck

“A” frame



**Used in the process of rigging up or rigging down a drilling rig.**





# Winch Truck



**Used in the process of rigging up or rigging down a drilling rig.**



# Drilling Rig

## Vehicle Mounted

**A machine used to drill holes in the earth's surface for the purpose of gas extraction. Generally used for the initial vertical borehole.**



# Drilling Rig



**Single/double or triple rigs are brought in using 20-50 flatbed trailers. Many are oversized loads weighing up to 110,000 lbs.**



# Water Hauler

“Vacuum Truck”



**Used for the transportation of fresh water or flow back to and from well sites.**



# Chemical Truck



**Used for the transportation of chemicals to the well pad by the supplier.**



# Sand Truck



**Used for transporting sand for the hydraulic fracturing process.**



# Logging Truck



**The logging unit contains at the minimum the surface instrumentation, a winch, a depth recording system and a data recorder. The surface instrumentation controls the measurement - while-drilling tools. This processes the data received and records the results digitally and on hard copy. The winch lowers and raises the cable that contains electronics into the well. Unit may contain explosives and radiological sources.**



# Cementing Pump Truck



**High pressure pump used in pumping cement down hole.**





# Fracing Pump Truck



**High pressure pump used to pump fluids down hole.**



# Bulk Transport Truck



**Used for transporting bulk materials (cement blends and fracturing sand)**



# Blender



**Used to prepare the slurries and gels commonly used in stimulation treatments.**



# Frac Command Van



**Used to monitor and record data from the well.**



# Swabbing Rig



**Used to clear liquids from the production tubing to initiate flow from the gas reservoir.**



# Coil Tubing Unit



**Carries a continuous length of pipe wound on a spool that may be used in multiple phases of a well bore's life cycle.**



# Radiography Truck



**Used for transporting equipment associated with non-destructive testing of pipelines. Truck equipped with a radiological source.**



# Pipe Layer



**Used to place large diameter pipe in prepared trench for pipeline.**





# Frac Tank



**Frac tank is a generic term for mobile steel storage tanks used to hold liquids. Typically used to store fresh water, flow back and other liquids. They are usually 21,000 gallon single axle tanks towed to location via truck tractor. These are transported empty.**

