

# Big Tank Trucks Must Watch Their Step Carefully

**Danger of Creating Static Electricity. Careful Driver Always Has Metallic Part Hanging from Truck to Ground.**

Some several hundreds of persons in Bamberg county have often wondered why the gasoline truck of the Standard Oil company carries a chain dragging on the ground behind the truck. L. W. Amick, local representative of the Standard Oil company, says that scores of people have asked him about it. Many even go so far as to stop him in the road and suggest that something has broken about the truck. It's a long story about this chain, and Mr. Amick says he has frequently to tell it. Inasmuch as it is an interesting story about the drag chain, the following article will probably prove of interest to many who have wondered the meaning of it. It will be seen that the chain serves a most useful purpose.

Washington.—A big tank truck transporting gasoline was blown up by a terrific explosion on the street recently because a passer-by who didn't know what he was doing picked up a piece of chain. He saw the chain dangling by one end from the truck and thought he would possibly save the truck from being wrecked through fouling the chain in one of the wheels.

The man didn't know the chain was hanging there for a purpose. He didn't know that gasoline, unlike water, is a non-conductor of electricity. Possibly he didn't even know that flowing gasoline, especially when strained through such materials as chamois skin filters, sets up considerable charges of frictional or static electricity. But that was that caused the truck's destruction.

Usually when the big tank truck backs up to the filling plug at a service station or other storage place the metallic nozzle from the truck touches the metallic intake pipe and thus forms a ground for any charge of static electricity that may collect in the truck. Sometimes, however, the nozzle does not touch a grounding point and with no other metallic ground from the truck the car is perfectly insulated, standing as it does on rubber tires. Sometimes, also, the nozzle of the truck outlet pipe rests against a wooden piece in the intake pipe and is thereby likewise insulated for dry wood is also an insulator.

While the gasoline is poured into the storage tank a certain amount of vapor arises and there is certain to be some about the intake and the truck. The flow of the liquid will set up a static charge in the truck. As the charge increases it may become strong enough to leap the gap to the nearest ground or the two points may be brought into contact. There is a spark, a flash, an explosion and untold damage may result.

Consequently the careful tank driver always has a metallic part hanging from the truck to the ground, a rod or chain, to drain off the electric charge as it collects, as long as the gasoline is being drawn off.

The same basic fact has been the cause of numerous smaller fires and explosions in garages, both private and public. In one instance a car was being filled with gasoline from a can. While the employee ran the gas into the can he strained it through a chamois filter in a funnel. To make the funnel sit up straight in the hole in the tank a wooden ring was placed in the hole and the funnel was placed in that. Thus the can was insulated. After pouring some gasoline into the tank the man brought the can spout into contact with the tank. There was a spark, flash and the resulting explosion.

A man was pumping gasoline into a can in his own garage. He hung the pail on the hook over the spout of the pump. He did not notice that the pail had a wooden handle. By reason of the wooden handle the pail was insulated from the pump. The flowing gasoline set up a static charge in the pail, which leaped the gap to the pump and another fire was started.

Friction of silk cloth will produce static electricity, and fires have been caused, it has been reported to government agencies when silk cloths soaked with benzine or gasoline were used to rub the grime off mechanics' hands. Sparks are a prolific source of gasoline fires, especially sparks from open flames, broken electric lights and from friction. Even the clash on a concrete pavement of the nails in shoes have been known to form sparks which resulted in fires when gasoline vapor was present.

If gasoline is stored in an open place, such as a pail, the United States bureau of mines reports, the room in which the pail is left will shortly be filled with an easily explos-

ible mixture. The limits of explosibility are between 1.5 per cent. and 6 per cent of gasoline vapor in air. In other words, only a little gasoline vapor is needed to render air explosive—one and one-half feet of gasoline vapor for each 97 1-2 feet of air. One gallon of gasoline can under perfect conditions, rendered 2,100 cubic feet of air explosive.

## Sudden Death of Mrs. Clarence J. Fickling

The Williston Way.

Our town and this entire community was greatly saddened to hear of the death of Mrs. Clarence J. Fickling which occurred at her home in Blackville last Tuesday morning, November 7th.

Mrs. Fickling was Miss Maud Hair of Williston, daughter of Mrs. Fattie Hair and sister of Mrs. W. T. Willis, Mrs. A. S. Blanchard and Mr. R. L. Hair, of this place.

Mrs. Fickling is survived by her husband, Mr. Clarence J. Fickling, and six children, the two youngest being twins only a month old which makes her death particularly sad. Her oldest daughter, Miss Sarah Fickling, was called from her studies at Greenville Woman's College by the sad announcement of her mother's death. Other survivors are her mother, brother and sisters of Williston mentioned above, and Mrs. Eugene Parker of Baltimore, Mr. Gideon Hair of Birmingham and Mr. Walter Hair of Arkansas. Mrs. Parker and Mr. Gideon Hair reached Blackville in time for the funeral. Mr. Walter Hair reached Augusta Wednesday afternoon too late to get to Blackville for the funeral.

The funeral services were Wednesday afternoon, November 8th, at the Blackville cemetery and were conducted by the pastor of the deceased, Rev. L. H. Miller, assisted by Rev. M. B. Buckley of Williston. Mrs. Fickling was a most loyal and active member of the Blackville Baptist church and will be greatly missed.

The large attendance at the funeral and the beautiful and numerous floral offerings attested to the esteem and affection in which Mrs. Fickling was held.

## THE NEWSPAPER AND COTTON.

The Williston Way.

We don't believe the public has always appreciated the spirit of the press upon all public matters. Take for instance the question of raising cotton under boll weevil conditions. The papers of the south—daily and weekly—have been giving freely of their columns to bring useful information to the farmer and have done this cheerfully without any hope of reward other than that of helping in the fight.

There was held Wednesday of this week in Augusta an interesting cotton conference attended by farmers and business men to discuss from every angle the question of raising cotton under boll weevil conditions. This conference was largely brought about by the agitation of the Augusta Chronicle and much good should result from this gathering.

For the past week "The State" has had some very interesting and timely editorials on this subject, laying particular emphasis on the destruction at once of cotton stalks. We are glad to say that many of the farmers of this section have already destroyed their stalks but unfortunately many have not and these are going to cut down more than they imagine the number of bales of cotton to be produced in Barnwell county another year and thus not only impoverish to that extent the farmer but everyone of the county for when you help the farmer you help all and conversely when you hurt him you hurt every person of the county and state. In a letter to the editor, Mr. McDavid Horton, Managing Editor of the State, says among other things: "To achieve notable results it is essential that there be general organization and this can be done not only through the activity of the county press but of the merchants in every town and village of the state. To accomplish this will require much publicity and ceaseless work and in this campaign I wish to enlist your interest and active cooperation. Later on there will probably be much information available about methods for fighting the weevil after the cotton is planted, but effort should now be concentrated on getting the farmers to destroy the cotton stalks. Please discuss this matter with those in your community who might best press forward this work; and also report to The State what is being done in your county toward cleaning the cotton fields."

The Williston Way will be very glad to hear from every section it

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take HAYES' HEALING HONEY, a cough medicine which stops the cough by healing the inflamed and irritated tissues. A box of GROVE'S O-PEN-TRATE SALVE for Chest Colds, Head Colds and Croup is enclosed with every bottle of HAYES' HEALING HONEY. The salve should be rubbed on the chest and throat of children suffering from a Cold or Croup. The healing effect of Hayes' Healing Honey inside the throat combined with the healing effect of Grove's O-Pen-Trate Salve through the pores of the skin soon stops a cough. Both remedies are packed in one carton and the cost of the combined treatment is 50c. Just ask your druggist for HAYES' HEALING HONEY.

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Best material and workmanship. Light running requires little power; simple, easy to handle. Are made in several sizes and are good, substantial money-making machines down to the smallest size. Write for catalog showing Engines, Boilers and all Saw Mill supplies.  
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**A TONIC**  
Grove's Tasteless chill Tonic restores Energy and Vitality by Purifying and Enriching the Blood. When you feel its strengthening, invigorating effect, see how it brings color to the cheeks and how it improves the appetite, you will then appreciate its true tonic value. Grove's Tasteless chill Tonic is simply Iron and Quinine suspended in syrup. So pleasant even children like it. The blood needs QUININE to Purify it and IRON to Enrich it. Destroys Malarial germs and Grip germs by its Strengthening, Invigorating Effect. 60c.

**NOTICE.**  
If you need money and wish it on long terms in amounts less than ten thousand (\$10,000.00) Dollars, I can make your application to the Federal Land Bank for such loans. For the white people, the Denmark National Farm Loan Association; for the colored people the Edisto-Savannah River National Farm Loan Association. Come at once and sign your application. S. G. MAYFIELD.

reaches as to what percentage of cotton stalks has been destroyed and other information about the fight now being waged against the weevil.

Malaria is caused by a microscopic animal parasite injected by a mosquito when it bites a person.

## TO FAIR WEEK VISITORS

# Zimmerman's Economy Sale

HAS BEEN EXTENDED

# THROUGH FAIR WEEK

AS A SPECIAL FAVOR TO VISITORS TO THE BAMBERG COUNTY FAIR NEXT WEEK, WE HAVE DECIDED TO EXTEND ALL ECONOMY SALE PRICES THROUGH NEXT WEEK. NOT A SINGLE PRICE WILL BE CHANGED. MANY OF OUR CUSTOMERS HAVE BEEN WAITING FOR COTTON TO ADVANCE BEFORE BUYING. COTTON IS NOW SELLING AT A HIGH PRICE, AND NOW IS THE TIME AND ZIMMERMAN'S THE PLACE TO MAKE YOUR MONEY GO A LONG WAY. WE HAVE PLENTY OF GOODS IN STOCK, AND CAN SUPPLY THE WHOLE FAMILY WITH CLOTHING, SHOES HATS, DRESS GOODS, ETC.

Make Your Headquarters During the Fair at

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ANNOUNCES

### Improved Train Service and Reduced Fares To Bamberg County Fair

# Nov. 21st to 24th Inclusive

The Following Schedules Will Be Maintained For the Four Days Only:

Leave Ehrhardt 9:30 a. m.	Arrive Bamberg 10:15 a. m.
Leave Ehrhardt 2:00 p. m.	Arrive Bamberg 2:45 p. m.
Leave Ehrhardt 6:00 p. m.	Arrive Bamberg 6:45 p. m.
Leave Bamberg 11:30 a. m.	Arrive Ehrhardt 12:15 p. m.
Leave Bamberg 4:30 p. m.	Arrive Ehrhardt 5:15 p. m.
Leave Bamberg 10:15 p. m.	Arrive Ehrhardt 11:00 p. m.

Return trip tickets will be on sale at the following stations from Monday noon, November 20th, and limited to return leaving Bamberg up to 11:30 a. m. Saturday, November 25th, at following fares:

	Adults.	Children 12 Yrs.
From Ehrhardt and return . . . . .	70c	35c
From Hughes and return . . . . .	55c	30c
From Ayers and return . . . . .	45c	25c
From Clear Pond and return . . . . .	35c	20c
From Whetstone and return . . . . .	25c	15c

As an inducement to those who desire to place exhibits at Fair we will transport such exhibits to and from Bamberg to points on our line free of charge, subject to the following conditions: The owner of such exhibits to hold return trip ticket to Bamberg; accompany their exhibits, assume all responsibility of loss and damage, and attend to loading and unloading personally. Car or cars will be placed at Ehrhardt Saturday, and will be available for loading exhibits Monday morning, and will move to Bamberg on train leaving Ehrhardt at 2 p. m. Cars will also be placed for return loading of exhibits at Bamberg Friday p. m., and will move to Ehrhardt on train leaving at 11:30 a. m. Saturday.

**THIS IS YOUR COUNTY AND YOUR FAIR, AND IT IS UP TO YOU TO AT LEAST HELP IN MAKING IT A SUCCESS.**

For further information apply to any authorized representative of this company.

**J. FRANK FOLK, General Manager.**