



## Are You Getting the Best Out of Your Stock?

We carry a full line of

- DR. HESS STOCK TONIC
- DR. HESS DIP AND DISINFECTANT
- DR. HESS HOG WORM POWDER
- DR. HESS HEAVE POWDER

These remedies are guaranteed and highly recommended, and then, if you want the hens to lay, get

**DR. HESS POULTRY PAN-A-CE-A**

**Security Calf Food Puts the Puny Calf on its Feet**  
ALFALFA AND TIMOTHY SEED

**Heppner Farmers Elevator Company**

### The United States Government Recognized Only Boiling Points as Gasoline Test.

As the Standard Oil Company points out in an announcement elsewhere in this issue the Government has adopted boiling points as a standard test of gasoline value. The gravity test was discarded because it told nothing of the real quality of gasoline.

It was the needs of the war which caused the Government to seek a standard test for aviation and general motor gasoline as part of its fuel conservation program. The demand for gasoline and other petroleum products has become so great that some action was necessary. Consequently, last summer President Wilson appointed a committee under the direction of the Fuel Administration to adopt standard specifications for gasoline.

This committee stated in its report that there would be no gravity limitations in the specifications for either aviation or motor gasoline because it had been found that gravity was of little or no value in determining the quality of gasoline. The standards adopted were based on boiling points.

Gasoline is known to the refiner as one member of the petroleum family. He distinguishes each member of the family, not by gravity, but by boiling points. Gravity is a fleeting standard of test, but boiling points are unchanging in their value and always determine the quality of the product. Knowing them the refiner can keep his product uniform and reliable.

A boiling point is the temperature at which a liquid will begin to boil or vaporize.

In distilling a given quantity of

gasoline the refiner ascertains at what point each 10 per cent will boil, until the entire quantity is evaporated or distilled. In this way he determines what is known as the initial boiling point, as well as all intervening boiling points in the chain, up to the maximum, high boiling point.

The ideal gasoline has a continuous and uniform chain of boiling points, and should have enough low points to evaporize freely and to give easy starting. There should also be the right proportion of medium and high boiling points for quick acceleration, full power and long mileage.

As combustion starts with lowest boiling points and flashes on through the gas, the continuous, uniform chain is necessary for instantaneous full-power combustion. Only straight-distilled, all-refinery gasoline can have this full and unbroken chain.

The United States Government's Standard Specifications, based on boiling points, are generally considered in the light of conditions today as the most practical standard for gasoline. They insure an efficient and satisfactory fuel, produced with due regard for conservation, and sold at a reasonable price.

All Red Crown gasoline now being supplied on the Pacific Coast is refined to conform to these specifications. It has a full, uniform chain of boiling points necessary for easy starting, quick, smooth acceleration, dependable power and long mileage.

**SMALL ACREAGE**—We offer \$0 acres on creek bottom under ditch, 35 acres in alfalfa, 25 acres ready to put in. R. R. station within half mile. No buildings. Very reasonable terms. See SMEAD & CRAWFORD.

## L. MONTERESTELLI

### MARBLE AND GRANITE WORKS

PENDLETON, OREGON

**FINE MONUMENT AND CEMETERY WORK**

All parties interested in getting work in my line should get my prices and estimates before placing their orders

**ALL WORK GUARANTEED**

"Wise up on tobacco,"

says Buck



"A lot of you fellows are cheating yourselves out of real tobacco satisfaction. That's what I get out of good old Gravelly."

Good taste, longer life is what makes Genuine Gravelly cost less to chew than ordinary plug.

Write to:—  
GENUINE GRAVELLY  
DANVILLE, VA.  
for booklet on chewing plug.

*Peyton Brand*

**REAL CHEWING PLUG**

*Plug packed in pouch*

# GARY MOTOR TRUCKS WIN IN ROAD WORK COMPETITION



## GARY 3 1-2 TON TRUCKS

Three Gary 3 1/2-Ton Trucks, purchased by Kay County, Oklahoma, for public road work—after a competitive test with five other leading makes of trucks.

We now have twenty trucks on the way like those shown above, all equipped with 3 1/2 yard steel lined bodies, with Hydraulic Hoist, that we are bringing in for road construction work. These will be sold under the factory's absolute guarantee for the full period of one year.

**GARY steel products lead the world. GARY Trucks are in the same class.**  
Don't chance an unknown quantity.

### REPORT OF W. C. NORRIS CO.

Here is the report of the W. C. Norris Motor Sales Company, of Tulsa, Oklahoma, on the three trucks shown above, and covering their experience with motor trucks in general and GARY trucks in particular.

"We have just closed the deal with the County Commissioners of Kay County for three GARY 3 1/2-ton trucks. We competed with five other makes and outperformed them all. The performance of the trucks we frankly state is marvelous. The "H" and "HU," 2 and 2 1/2-ton models with four speed transmission outpull, overpower and outclass everything in their rated capacity; while the 3 1/2 ton is even greater in pulling power and load carrying capacity. We consider your worm drive, semi-floating Sheldon Axle as the only safe and sure form of construction for hard usage and to withstand the strain and abuse to which a truck is subjected in the oil fields and kindred lines of work. Our observation, experience and knowledge of actual results in meeting oil field requirements, with heavy loads and no roads, convince us that GARY TRUCKS can be relied upon in every instance and will deliver a long life of service at a nominal upkeep and low cost of operation. We are for the GARY TRUCKS strong and shall concentrate our future efforts exclusively on the GARY line.

W. C. NORRIS MOTOR SALES CO.,  
(Signed) N. D. Southerland, Gen. Mgr.

Note: The W. C. Norris Motor Sales Company are a million dollar concern, and one of the largest in Oklahoma. After several years' experience with other lines of trucks, they have dropped them all and rely exclusively on GARY Trucks for heavy duty oil field work and for all purpose usage.

There is a Gary Truck for every purpose, one to five-ton sizes. All of the highest quality of design and construction. **Certainty of Service** is our slogan, and as WEST COAST FACTORY AGENCY we shall always be prepared to supply any duplicate part that may be required, and do any repair or service work necessary.

## GARY COAST AGENCY, INC.

71 Broadway

PORTLAND, OREGON

Phone Brdwy 2162

### READ WHAT YOUR NEIGHBORS SAY.

Can You Beat It?

Mansfield, Wash., January 29, 1919.

Gentlemen:

You want to know how we like the 1 1/2-ton Gary Truck we bought in Spokane last July. We are more than pleased with it. We thought at the time we had bought the best, but we really got more than we expected.

We have done lots of hauling and the truck is in just as good shape as ever. We have done more hauling than trucks lots larger, and with less expense.

Yours truly,

(Signed) W. F. PENNINGTON,  
Mansfield, Wash.

**BREWSTER-BRIDGEPORT GROWERS, INC.**  
Producers, Packers, and Shippers of Fine Apples.

Brewster, Wash., August 1, 1918.

Gentlemen:

The 2-ton Gary Truck that we purchased from you in June, 1917, has been in service continuously since that time, and during the busy months of the fruit season we have operated the truck 24 hours a day. We have had no trouble, requiring no repairing or duplicate parts and did not have the truck in the shop until we sent it in to have the new tires put on.

We consider this a wonderful record and evidence of the highest standard of design, material and workmanship, to outwear a set of solid tires over rough roads, without having any repairing to the mechanical parts of the truck.

The truck has been handled by one of our former teamsters, without truck experience, and he worked the truck over the rough roads that one will find mostly in our section. The GARY has the power and never fails to deliver the load. We think it is the best truck built, and give it our unqualified endorsement.

Yours very truly,

**BREWSTER-BRIDGEPORT GROWERS, INC.**  
(Signed) Sam Berry, Sec.  
Brewster, Wash.

## Two Bargains That Should Interest You

**700 ACRES**—60 acres of this can be put under ditch; part of this under ditch now; 300 acres broken and more can be put under plow. 2 miles from town. Price \$14 per acre on easy terms.

**480 ACRES FARM LAND**—300 acres in cultivation, at \$20 per acre. Will take Heppner residence property up to \$2000, as first payment; balance easy terms.

## ROY V. WHITEIS

# Fishing

## Season Now Open

and you will want to be there with a good outfit. We have what you want in fishing tackle.

### Steel and Split Bamboo Rods

Reels, Hooks, Lines, Baskets, etc.

A splendid new assortment now on display.

PLENTY OF OTHER SPORTING GOODS ALSO

**Peoples Hardware Company**