

AUTOMOBILE TRADE IN BAKER NOW GAINING; SALES ANTICIPATED

Gradual Improvement of the Roads in County Increases Demand for Cars.

GARAGE BUSINESS GOOD

Dealers Estimate That There Are More Than 900 Cars in Baker Alone, and 100 in County Outside.

Baker, Or., March 25.—The automobile business is looking up in Baker this season, with all dealers anticipating many sales. Last season's business was a record breaker, and a still better mark is aimed at. The gradual improvement of roads in Baker county, as elsewhere in the state, is one of the principal reasons for the increased demand for motor cars, and an important branch of the local business is the auto delivery car end, many having been sold the past year, and more sales in sight, which will all but eliminate the delivery horse in this city.

Seven Garages in City.
Baker at the present time has seven garages, all handling one or more makes of machines, as well as two well equipped motorcycle establishments. The Baker garage is conducted by William Southern H. Shinn. They are the agents for the Hudson, Buick and Maxwell cars, having added the latter line this season. Their sales last year totalled 51 new machines and numerous second hand cars. Fernald & Crandall, agents for the Reo, maintain a well equipped garage, doing a big repair business, and also carry a large line of accessories and supplies. Their Reo sales in 1915 totaled 38. Cranston & Masters have the largest garage in the city, and are agents for the Cadillac, Studebaker and Dodge cars. Their combined sales last season was 73 new autos, while many cars taken in trade were also disposed of.

Repairing a Specialty.
D. M. Kelly makes a specialty of expert repairs, keeping a large force of machinists employed, and since early last month keeping a night crew busy. He manufactures springs and other parts, and has had such a good business in his new garage, which is open year, that he is planning an addition. As agent for the Federal trucks, he sold six last season, and expects several sales in early spring. He is also agent for the new line of cars, which is handled for Baker county by J. F. O'Bryant, of this city. The latter maintains no garage.

W. O. Best and G. F. Elliott are the proprietors of the B. & M. garage, the newest establishment of its kind in Baker, built last year by Buxton & Miller, who sold out to the present owners recently. Their specialty is repairing work, but their place of business near the Chevrolet and Mitchell agencies will be established within the next month by the eastern Oregon representative, W. H. Dougherty. The Beaches-Sage Hardware company handles the Oldsmobile exclusively this season, cutting out lines previously handled. A salesroom is maintained, but no garage. F. E. Correll, formerly with the Baker garage, is in charge of the company's automobile business.

Ford Sale Heavy.
The Ford garage, Hadley & Whiting, proprietors, reports nearly a hundred cars sold by the Ford garage last year, and of the delivery cars sold here, the large majority is this popular make. They make a specialty of repairing and carry a large line of supplies. The Thor and Harley-Davidson motorcycles have for their agent G. F. Lockwood, and the Indian is handled by Palmer Brothers, both of whom maintain shops. Several other motorcycles are sold here by agents located in some of the garages. The motorcycle business is brisk at present.

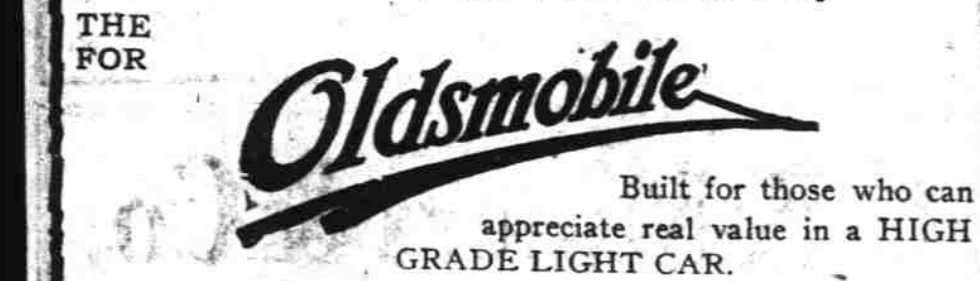
While there is no way of getting at exact figures, local dealers estimate that there are more than 900 cars in Baker and 100 or more in the county outside the city. The wide-awake ranchers are getting to be auto enthusiasts more and more, and this season, for the first time, the sale of motor tractors has shown considerable activity, three being sold last week, by two firms. Last year 425 auto licenses and 27 motorcycle licenses were issued for Baker county.

Roads Sentiment Is Strong in the South

So thoroughly has good roads sentiment been awakened in the southern states that hardly a month passes in which some more or less important highway is not proposed. The newest of these projected highways is one extending from the Atlantic seaboard through the states of Florida, Georgia, Tennessee, Alabama, Mississippi and Arkansas and would consist of a system of highways tributary to one or more trunk roads. Other states would be indirectly affected, notably Kentucky, Illinois and Missouri.

18 to 20 Miles on a Gallon

of Gasoline is not out of the ordinary



4 Cylinder \$1225 } At Portland
8 Cylinder \$1325 }

The Oldsmobile Co. of Oregon

Broadway at Couch Phone Broadway 1640

GYPSIES SUCCUMB TO LURE OF MOTOR



Frank Fortuna, king of gypsy tribe that is encamped in outskirts of Portland, and his family in Overland Six that, together with \$3500 cash, constituted the payment made by Joe Adams for the hand of the fair Menelona, Fortuna's daughter.

Reports From Many Sections Received

Klamath Cut-off Is New Road; Pass Creek Canyon Bad Yet—Seaside-Elk Creek Route Is Open.

News comes from Klamath Falls regarding a new road from the city to Upper Klamath lake. This stretch is a cut-off and by its use the motorists avoid crossing the mountain. It extends 11 miles and connects with the Crater lake and Medford roads at the Algoma mill.

The warm weather of the last few weeks has melted the snow on this highway and J. A. Gordon of the Southern Oregon Automobile company, Klamath Falls, made a log of it for the touring bureau of the Portland Automobile club.

As the other roads in Klamath county open up he will map them and send the corrected data to the club, which will use them in the new map and tour book being prepared.

The Roseburg Commercial club roads committee reports that the Pass creek highway through Pass creek canyon is bad yet, but that the Canyon creek road south of Canyonville is in good condition and cars are traveling over it.

The officials have been written by the touring committee to log the Roseburg-Couville route, via Looking Glass and Brewster valleys, as the scenery along this road is wonderful. This stretch is not quite so good as the Myrtle Point highway, but it is open just as long each season and is more enticing to the motorists seeking mountain scenery in its native state. This is another inlet to the Coos Bay country, which is going to be popular with automobile travelers the coming season.

Reports from Astoria are that the road to Seaside and Elk creek is now open for travel, but that the others are not in shape.

Device for Use of Distillate Invented

Organized under the name of the Distillate Gasifier Manufacturing company, Jacob H. Leist and Hans Therkelsen are now manufacturing a device which will help solve the cost of gasoline. After several months' research these men have perfected a system which enables the owner of any car to burn distillate which today costs but nine cents a gallon.

Furthermore, they claim that they can get more mileage out of a gallon of distillate than is possible under the best conditions, out of gasoline.

A Ford was used on a recent demonstration and the tank absolutely drained of all fuel. The engine was raced and allowed to stand long enough to drain entirely. Then one-half gallon of low test distillate was measured out and poured into the tank. With the engine still warm, it was turned over and the start made without difficulty.

The route was out over the Powell Valley road for a distance of eight miles. The machine climbed the hills on this fuel as good as on gasoline and in every way the motor answered very satisfactorily. When the half gallon finally was used up the speedometer showed 14.6 miles. The total would have been 29.2 miles to gallon.

Sunday, with C. W. Meyers as observer, the same was with the same fuel went 18.1 miles on half a gallon, or 32.2 miles per gallon.

Several of the jitney drivers have attached the device and are using the fuel and find that they can do better than on gasoline. One man claims to be making 36 miles to the gallon. The device which these men have invented is said to effect complete vaporization so that the combustion is also

GOOD ROADS NEWS NOTES IN THE OREGON COUNTRY

Work on McKenzie Pass Road—Between \$5000 and \$9000 will be spent this season by the United States forest service upon the road in Lane county over the McKenzie pass.

The work will be done west of the summit, where there are a number of bad grades, and will be commenced as soon as the snow is gone.

Estimated Cost \$500,000.—According to an estimate of the United States forest service it will cost \$500,000 to build a road 16 feet wide from Gold Beach, Curry county, to Galtee, Leland or West Fork, three routes that have been suggested. For a ten foot road-way the estimates are lowered to \$340,000.

King Sells Bond Bonds.—King county, Wash., has sold \$200,000 worth of road bonds, bearing 4 1/2 per cent interest, at a premium of \$939. The bonds are a part of a \$3,000,000 issue of which \$1,500,000 have already been sold.

Want Government to Aid.—In order to secure a magnificent scenic highway from the shores of the Pacific to the summit of Mt. Whitney, the

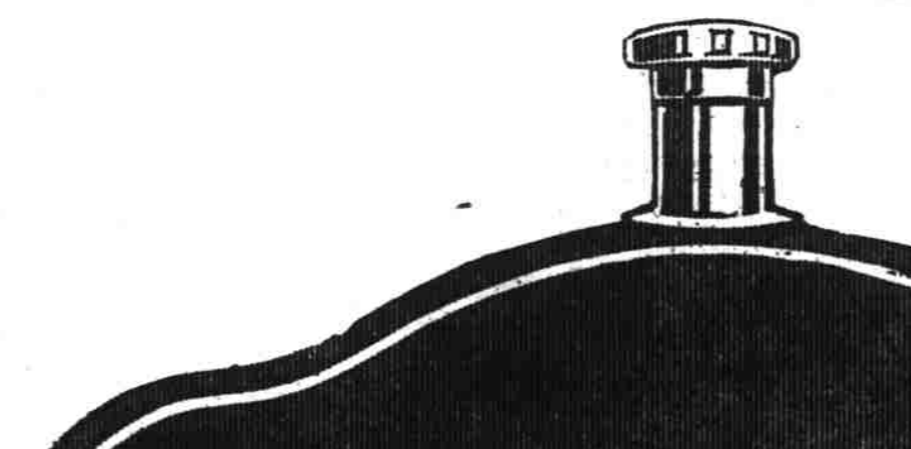
complete and therefore the carbon deposits are practically negligible.

The "gasifier" is a stove which completely encases the exhaust manifold, using all possible heat. Properly protected tubing leads it to the carburetor and the hot air vaporizes the distillate. In the morning a little gasoline is used to start the car, but after that no trouble is experienced in starting or operating the motor.

Voters to Decide on Road Bonds or Tax

Owing to opposition to a bond issue it has been decided in Umatilla county to submit to the voters at the May primary the question as to whether the county should issue bonds to the amount of \$980,000 for highway improvement or in lieu thereof levy a direct special tax of two mills for the same purpose.

The sentiment in the west end of the county is said to be in favor of a bond issue. In addition to those who are opposed to bond issues on general principles there is opposition from those whose local roads are not provided for in the improvement proposed.



White Trucks Predominate

When the annual sales of a high-priced truck like the WHITE exceed those of any grade competitor two to one, it must have unusual value to its owner. There is no sentiment about buying trucks. Low eventual cost is the only criterion of value.

The WHITE is the dominant truck of America, judged both by the number annually put into service and by their aggregate value.

The White Company BROADWAY AT OAK, PORTLAND

Only Grand Prize for Motor Trucks, Panama-Pacific International Exposition, San Francisco.

ST. HELENS ROAD IS UNSUITED FOR FAIR TEST OF PAVEMENTS

Seepage From Hills Along the Highway Undermines Sub-base of Thoroughfare.

ALL STYLES SUFFERING

Bad Spots Exist in All Types Laid Last Fall—Wearing Qualities Not Demonstrated Yet.

There has been some criticism of the pavements put down on the Linnton road last fall. The criticism comes chiefly from those who are interested in some particular type of pavement and who are attempting to discredit other types.

The fact that these pavements were put down by responsible contractors under a ten year guarantee seems to be lost sight of. An investigation of the road shows that the weaknesses that will require two or three years to satisfactorily determine. All that has been established is the extreme importance of a well drained and substantial sub-base in road construction.

It has also been demonstrated that the Linnton road is too narrow for the traffic it bears and that the pavement should have been 24 feet in width instead of 18 and that where there is a concrete base it should have been seven inches instead of five.

Wear Spots Showed Quickly.
In laying out the hard surface work of the county last summer the Linnton road was selected to serve as a test road where competing types of pavement might be laid under similar traffic conditions. One section was given to vitrified brick, one to wood block, one to cement concrete, one to bitulithic on a concrete base and one to bitulithic on a crushed rock base.

After the pavement was opened to travel the weak spots in the sub-base were soon developed by the heavy oil trucks which passed over the road at the rate of one about every 10 minutes during working hours. The concrete and crushed rock bases were not strong enough to bridge and the pavement settled and broke. To add to all this the fall rains came on before the side drainage and shoulders were completed and water penetrated under the pavement weakening the sub-base.

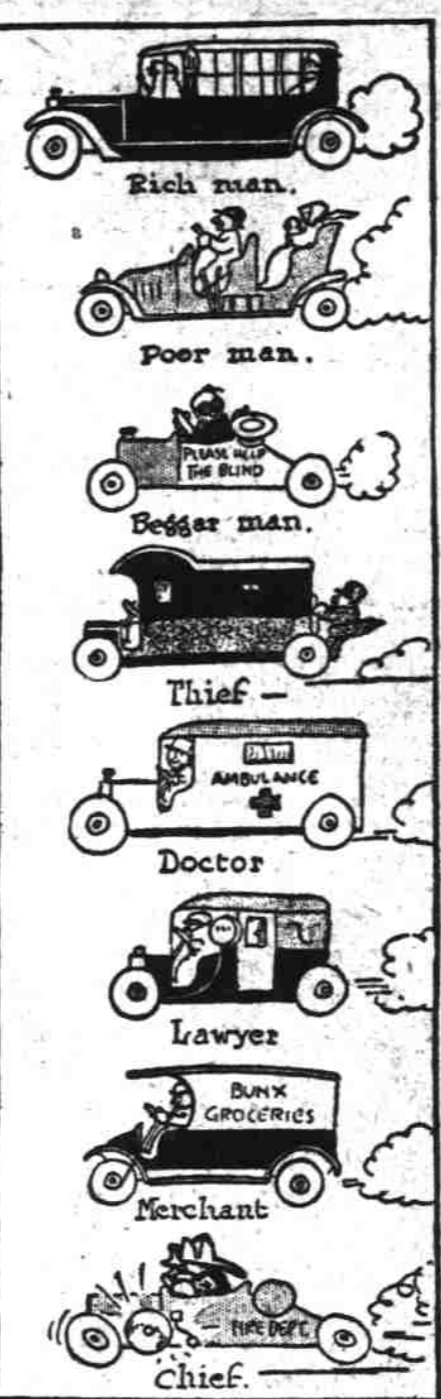
All Need Repairs.
A walk over the road will disclose at present the following conditions. On the bitulithic sections the road has been repaired in most places. On the brick section only two breaks are noticeable. These are at the end where it joins the concrete.

On the concrete section along the edge at the expansion joints there are six small triangular breaks where the sub-base was weak and where the impact of the oil trucks is heavy. Five of these breaks are on the right hand side coming to the city, the side that sustains the heaviest loads. Some abrasion of the pavement is also noticed at the expansion joints.

The wood block section is in the worst condition and will need considerable repair this spring.

It might be said that the road is not an ideal one for testing purposes for the reason that it is located on poor ground on which to build a substantial foundation. Lying up next to the hill there is a lot of seepage, making drainage difficult.

Test is Severe One.
It is plainly evident that all the contractors will have a constant job fulfilling their 10 year maintenance contract and that the pavement that



survives will be a good pavement.

The cost of the pavements to the county has been as follows: Bitulithic on crushed stone base, \$1.38 per square yard; bitulithic on concrete base, \$2.07 per square yard; concrete, Wayne county mixture, \$1.56 per square yard; Pierce county mixture, \$1.48 per square yard; brick, \$3.22 per square yard; wood block, \$2.77 per square yard.

County Succeeds in Getting Road Tax

General Assessment is Increased to Amount Equal to Proposed Road Levy, Thus Including City's Property

Although a county has no right to levy a road tax against property in a chartered municipality it has been a practice in some counties to get around the inhibition by enlarging the general levy. The legality of this practice has been affirmed by Circuit Judge Skipworth of Lane county.

Suit was brought by citizens of Eugene to enjoin the collection of a 2 1/2 mill tax on the ground that Eugene is an independent road district and out-

25 2/10 MILES To the Gallon of Gasoline

That's the wonderful record made by a five passenger



On the Pacific Highway, Seattle to Tacoma and return a Buick Six D. 45 carried four passengers, weighing 636 pounds

On One Gallon of Gasoline 24.1 Miles
The Second Gallon Produced 25.1 Miles
The Third Gallon Raised the Record to 26.4 Miles

A Grand Total of 75.6 Miles
Average 25.2 Miles Per Gallon.—Sworn statement of observers on file.

Proven Economy

Many owners of Buick Sixes are averaging more than 20 miles to the gallon of gasoline, further convincing proof of the economy of the Buick Valve in Head Motor. The high price of gasoline has no terrors for the Buick owner.

INVESTIGATE ALSO
Buick Power—Buick Strength—Buick Dependability—
Buick Quality—Buick Performance and Buick Comfort and Beauty.

Don't delay that demonstration in a Buick

HOWARD AUTOMOBILE CO.

Phone Main 1130, A-2550

Portland Roses Have Scent That Lingers

Eastern Automobile Man Here During 1915 Festival Orders 100 Choicest Plants for His Home.

Portland roses have a scent that lingers, says H. H. Eling, Portland manager of J. W. Leavitt & Co. Last summer, J. H. McDuffie, assistant sales manager of the Overland company, was out here at festival time. He was rolled around past the miles of rose hedges and fragrant gardens and the memory stayed with him.

Last week Mr. Eling received a letter from Mr. McDuffie, part of which said: "By the way, Bert, it is impossible to forget that beautiful city and especially the flowers which made it beautiful. Ever since that visit I have been going over my place and have figured out how a hedge of Portland roses would look on that side of the path or under the sun porch windows. I wish you would go down to your florist and have him send me 100 small bushes of your choicest varieties and tell him to be sure to put in many of those big white ones, that flower so beautifully. Yes, your city certainly has something about it that one can't forget."

When writing or calling on advertisers, please mention The Journal. (Ad.)

DISTRIBUTORS

Prest-O-Lite Storage Batteries

There is a Prest-O-Lite Battery of correct shape, size, voltage and capacity for every make and model of car, and for every starting and lighting system which is or ever has been in general use. Sold on an Open-Faced Price-List ARCHER & WIGGINS Distributors of High-Grade Motor-Car Accessories SIXTH STREET AT OAK

G & J TIRES

With an Enviably Record for Over 20 Years TRY A G. & J. NON-SKID 30x3 1/2, \$13.40—32x3 1/2, \$15.40 OTHER SIZES IN PROPORTION BALLOU & WRIGHT BROADWAY AT OAK

AUTOMOBILE AND SHOP SUPPLIES Spark Plugs TOOLS Brake-Lining MOTORCYCLES AND ACCESSORIES Preer Tool and Supply Co. 74 Sixth and 311 Oak Sts. Phone—Main 1692, A-1692

Diamond TIRES

Vulcanizing and Retreading. R. E. BLODGETT, 29-31 North 14th, near Couch Phone Main 7008

GEORGE W. DEAN, Manager.