

The Explosion of An Ancient Legend

A LETTER received last week from one who signs himself "Constant User" asks why the Standard Oil Company (Indiana) insists that the gravity test for gasoline is a fallacy.

Not having his address we are answering the inquiry here.

When the Standard Oil Company (Indiana) began manufacturing gasoline the surest, safest, most practical method known for determining the quality of the product was by testing it with a hydrometer.

In those days all of the crude oil used came from a single locality. It was of the same base always and the products refined from it were uniform.

As the industry grew and oil wells were found in widely separated localities it was discovered that the crude varied so greatly even when taken from wells in the same locality that the hydrometer no longer could be depended upon to indicate the quality of the refined product with satisfactory exactness. Some other system of measurement had to be used.

The chemical engineers employed by the Standard Oil Company (Indiana), who were asked to solve the problem, suggested that the boiling points of the several fractions, which go to make gasoline, would give the desired result. They would be constant and the usefulness of the product would not vary so long as the range of boiling point fractions remained unchanged.

The practical usefulness of the suggestion was instantly recognized, and the Standard Oil Company (Indiana) immediately adopted it as the basis of their manufacturing practice.

By making its product conform to the boiling point standard, it was possible to guarantee uniform results at all times, even though the hydrometer might show variation in gravity.

We know uniformity is of the most vital importance to the ultimate consumer. That is why we insist that gravity is of no value in determining the value of gasoline as a fuel, because it can not indicate the gaps.

The Standard Oil Company (Indiana) is steadfast in its endeavor to render the greatest service possible to the motoring public and it is constantly trying to so improve the fuel and oils it sells as to give to its patrons a greater value for the money they spend with it.

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IOWA TO SPEEDILY RATIFY SUFFRAGE

MAY BE TENTH STATE IN UNION TO LINE UP FOR VOTES FOR WOMEN.

LEADERS INTERESTED IN GEORGIA AND KENTUCKY

Both These Southern States May Come In Before Wednesday, When Iowa's Legislature Meets in Special Session—Practically All of Members Expected in Seats Early July 2.

Special to Times-Republican.

Des Moines, June 30.—Will Iowa be the tenth state in the union to ratify the constitutional amendment authorizing woman's suffrage or will Georgia and possibly Kentucky come in before Wednesday next?

The suffrage leaders here, assured now of the special session Wednesday and likewise assured that the Iowa assembly will ratify, are at the present more vitally interested in whether Georgia and Kentucky will ratify than they are as to just what place in the ratification procession the Hawkeye state will occupy.

The leaders here are hopeful that both Georgia and Kentucky will ratify although they are considered doubtful. The southern states have quite generally been placed in the doubtful columns and it will look like the "dope," placing the southern states in the doubtful columns was all wrong.

Texas ratified Saturday. It was the ninth state to do so. So Iowa may be the tenth or possibly the twelfth if both Georgia and Kentucky should act in the affirmative before July 2.

And will a sufficient number of states ratify before the spring of 1929 to give the "better half" of the United States a chance to vote in the primaries and the elections of 1929?

The leaders at the headquarters here say there is more than a fighting chance that they will.

"We are assured that at least twenty-six states will ratify and feel reasonably certain that we will get at least ten more," said Mrs. James Devitt, president of the Iowa association in discussing the chances for voting next year.

"We are, of course, very anxious to hear from Georgia and expect to hear from there Monday. We are most hopeful that Georgia and Kentucky will ratify."

"As to Iowa we have assurances of more than thirty senators and eighty representatives that they will vote for suffrage and we believe we will get the votes of a number of others."

There are 108 votes in the Iowa house of representatives and fifty votes in the senate.

"We wanted the special session in Iowa particularly to give impetus to the ratification movement throughout the country," she declared further.

"We understand that the Iowa legislature could act at the special session next winter when code revision is to be passed on but the cause needs the example of this great progressive state right at this time in order to help win."

Legislature to Act Speedily.

The states which have ratified to date are Illinois, Pennsylvania, Massachusetts, Wisconsin, Ohio, Michigan, New York, Kansas and Texas.

The governor's official proclamation to each of the fifty members of the Iowa senate and the 108 members of the Iowa house was sent out by registered mail Saturday. It is anticipated that practically all of the members will be in their seats at 10 o'clock Wednesday, July 2, when the ratifies will fall calling the Thirty-eighth general assembly in extra session in accordance with the governor's proclamation.

Governor Harding will present a brief message explaining his purpose in calling the extra session and will officially turn over to the lawmakers the proposed amendment as forwarded to him by the acting secretary of the United States, Frank L. Polk. Then the legislators will act on it.

It is not anticipated that the amendment will go through in Iowa without, however, without argument and without some dissenting votes. The special argument of those opposing the amendment is that Iowa should first pass on the question of state suffrage and let the people vote on it before acting on national suffrage.

TEMPLARS TO MEET JULY 8-15.

New Park at Spirit Lake to Be Dedicated During Session.

Spirit Lake, July 30.—The fifty-sixth annual convocation of the grand commandery Knights Templar of Iowa will be held at Templar park, Spirit Lake, the second week in July.

The new summer home at Templar park will be dedicated on July 9, and the formal opening will be on July 15.

The program includes dates from July 5, arrival day, thru the second week of the month, the program for the third week, or second of the celebration being left to the organizers.

On Sunday, July 8, devotional exercises will be held in the grand asyrium by Grand Prelate Rev. Robert Tipton, of Belle Plaine.

A school of instruction will be conducted during Monday and that evening the order of the temple will be conferred.

Thursday the sessions of the grand commandery will begin at 10 a. m. A band concert at 3, dress parade at 7 and officers' reception at 8 will be followed by a dance.

The drill at 2 a. m. July 9, will be in charge of Grand Captain General George D. Wyman.

mander; D. M. Brownlee, grand recorder, and John E. Ewell, of Des Moines, deputy grand commanders.

Replacing the wooden building, Iowa Knights Templar now own a new fireproof structure, erected in accordance with approved architectural specifications and designed to delight the eye as well as provide increased capacity to care for the growth of the family. Here the friends who acquired during the years before the fire may be renewed. Provision made for their comfort compares favorably with any resort in the midwest, and eclipses anything heretofore attempted in the state of Iowa. It will be managed on the basis of brotherhood, and not of commercialism. Its rooms will accommodate 354. The building faces 385 feet on the lake front. The dining room is on the main floor of the north wing of the new building. It will seat 384. The asyrium, just above, is of the same dimensions, 40x98 feet.

Grinnell and Vicinity.

Special to Times-Republican.

Grinnell, June 30.—Capt. and Mrs. Sumner M. Bump, with their little son, George Sumner, start this evening by way of Marshalltown and the Northwestern for their new home on the Pacific coast. The captain obtained his discharge some days ago but Mrs. Bump has been suffering from inflammatory rheumatism too much to be able to make the trip until now.

Dr. and Mrs. E. W. Cross start this week to spend the pastor's vacation in the west. Mr. Cross will lecture in a number of Congregational churches in Montana and will preach next Sunday in his old parish at Livingston and also deliver the Fourth of July address in that city. They plan to spend the last three weeks of July in Yellowstone park. The Congregational pulpit will be supplied here next Sunday by Rev. Edmund March Vittum.

Miss Stella Bartlett, pastor's assistant of the Congregational church here, who has been resting recently at the hospital, has been advised by her physician that she should refrain from active labor and take a complete rest for the next two months.

Dr. and Mrs. J. R. Lewis and their baby plan to leave Grinnell for several weeks of vacation in Allens park, Colo.

Mrs. L. M. Smith has had the pleasure of a visit from Miss May Hostetter, who has been teaching at Sacred Heart, Minn., and goes from here to Piper City, Ill., to spend her summer vacation.

Miss Ruth Neely is at the family home here for the summer after a year of teaching science in the high school of Washington, Iowa.

Jesse Hoover brings back a graphic report of the devastation by the tornado at Fergus Falls, Minn., as he viewed it but a few minutes after it took place. He had just come there to look after some farming interests.

Mrs. Van Nostrand and her daughter Kathryn went in their car on Friday to Lake Okoboji, by way of Des Moines, to spend the summer. Miss Nell Cooper accompanied them as far as Des Moines and will go on to the lakes later.

P. D. Burton had a call from distinguished visitors one day last week. Professor Lynde Jones, a nephew of Mr. Burton, was in charge of the party of twenty young people from Oberlin College, traveling in six large automobiles, and bent on scientific investigation of the plant and animal life along the route as far west as beyond Seattle. The party left Oberlin on the 26th of June and were traveling about 100 miles per day and plan to be back at Oberlin in time for the opening of college in the fall. Professor Jones was once a student in Grinnell College.

Mrs. E. W. Quilvey has had a visit of some weeks from her sister, Mrs. E. H. Sherwood, who has now gone back to her home in Duluth, Minn.

E. A. Noyes, who, Mrs. Noyes, has just returned from a trip thru the east in their auto, covering nearly 3,000 miles, has much to say in praise of the almost universally good roads they found and the way in which they are kept good by constant supervision and repair. He names a strip east of Rock Island and another between Marengo and Ladonia as the worst he encountered in the whole trip.

Floyd Kinkdon, who has been in the post office department in France for most of the year past, has received his discharge from army service and is back in his old place in postal work here.

The Country Club games committee is arranging for a one club golf tournament in which all members are eligible. Dawson Brande is chairman and is planning to make the day a lively one for all.

Zearing News Notes.

Special to Times-Republican.

Zearing, June 30.—Charles Brookman is having his cellar cemented, walks put down, gutters and curbing built, has two fine hitching posts and two flower urns made of cement placed in front of his residence and is also going to have a sleeping porch built on the east side of the house.

Mrs. Otto Christoffers and two children went to Story City Saturday afternoon for a visit with relatives and friends.

Mrs. H. E. Delano, of Omaha, is a guest at the home of her mother, Mrs. B. A. Armstrong.

Henry Hoehland is building a neat garage on his property in the east end of town.

W. R. Holcomb is having a garage and coal house built on his property.

George Wohlheiter and wife left for Sherburn, Minn., to attend to business on their farm.

News From New Sharon.

Special to Times-Republican.

New Sharon June 30.—John Trazer and Miss Mayme Zane were married at Keokuk Wednesday. Mr. Trazer recently returned from overseas duty and Miss Zane has been a primary teacher for the past five years. They will make their home in New Sharon.

George McKamey and Miss Bessie Brom were married in Oskaloosa, the home of the bride, last Wednesday. Mr. McKamey was in one of the United States naval bands. They expect to be at home in New Sharon.

Marvin Beery and bride returned to our city Friday evening from their honeymoon, spent in several cities in Iowa. They expect to reside in Brooklyn.

Mrs. Hattie Kramer, from Clinton, came for a visit with her sister, Mrs. McCauley.

Attorney Buys Bond Issue.

Special to Times-Republican.

Iowa City, June 30.—An immense bond issue was made by the city council of Marengo and Attorney W. H. Bailey, of Iowa City, who purchased by contract the entire output of the improvement bonds, covering paving, sewers, etc., that Marengo issued, \$362,000 in all.

STORY BEGS FOR WHAT IT REFUSED

SUPERVISORS TO MAKE APPLICATION FOR ROAD FUNDS REJECTED IN ELECTION.

PROPOSES TO MAKE TEST OF DEPARTMENT RULING

Promises to Expend More Money on Primary System and to Grade and Gravel Certain Roads Within County—Mile of "Model" Gravel Road to Be Constructed.

Special to Times-Republican.

Nevada, June 30.—The question of whether or not a county may secure the federal aid for its roads, as well as secure the county apportionment of the automobile tax, for the improvement of the primary road system other than by paving, is to be tried out by the board of supervisors of Story county.

So far Story county is the first and only county in the state to turn down the paving proposition at a special election.

The supervisors passed a resolution in which they make application to the state highway commission for their portion of the federal county co-operative road fund, to be used in improving certain sections of the primary system of the county.

They designate the Wilson highway from Ames north to the Hamilton county line, the north seven miles to be brought to a finished grade and providing the necessary drainage for the entire twelve miles.

They also designate the Colo-Collins road from Colo south to the Jasper county line for improvement by providing the necessary drainage and surfacing with gravel, the road paving already been brought to grade.

The board has also made arrangements to build a mile of what the members consider an ideal gravel road bed. The road will start at the city limits on Lincoln highway and run west for one mile. The work of drainage on this road has already started and arrangements for the gravel from Molineaux have been made.

The board will make this application to the highway commission for the federal aid and the primary road fund to be expended on road improvement other than paving and in this matter test out the question that has been a

bone of contention in the hard road arguments.

These roads designated are such that it is thought possible the government would approve of graveled roadbeds. Should they secure this there would then be the necessity of trying them out on the kind of improvement absolutely necessary on the Lincoln highway across the county.

This proposition will be watched with interest all over the state and upon it depends much of the highway interests of Story county.

News of Trazer.

Special to Times-Republican.

Trazer, June 30.—Land prices are not the only prices that are booming in Trazer. On Monday of this week Fred Whannel asked and received 95 cents per quart or \$11.25 per bushel for cherries. This, in spite of the fact that cherries are plentiful and the market price was 10 cents per quart.

Charles Wood this week bought the Claus Wolf building adjoining his shop on Second street. He has leased the building to the Walter Motor company of Gladbrook. Harold Ott will have charge of this branch after August 1.

F. W. Prehn, who recently moved here from Davenport, has let the contract for his new house to Ed Glosser. It will be a bungalow of six rooms, to cost \$4,000.

Nearly a dozen Trazer fishermen are planning a trip to Niswau, Minn., the coming week. B. Frank Thomas and two sons, John L. Thomas, R. J. Smith, Fred Ingammels, R. G. Stokas, Frank Hoepfner, Dale Gaston, Leo Covert, Omer Owens and W. R. Flemming and Henry Stokas of Gladbrook, plans to join the party. L. L. Lacey, who owns a cottage at Niswau, left the fore part of the week to get things in readiness for the Trazer bunch.

Mr. and Mrs. Frank Vorha have purchased the John Ames residence property for \$3,000 and will take possession in March. They leave their son Albert on the farm.

Chris Schmidt has given up his position with Nelmer and Green and in company with his brother will open a meat market in New London.

Mrs. Floyd Kinner and children arrived from Washington, D. C., for a few days visit at the Charles Kinner home. She made the trip in an Overland car and is on her way to San Francisco, Calif. Since the death of her husband last winter Mrs. Kinner has held a civil service position in Washington. The government has transferred her from Washington, to San Francisco.

Near Death in Accident.

Special to Times-Republican.

Iowa City, June 30.—Near death in an automobile accident that injured two men, and sent their car into the river, was the thrilling adventure of George M. Bush and Watson Gull, of Colesburg, Iowa, while they were en route to Iowa City, to a hospital where the farmer's mother, Mrs. Fannie Bush, is in a hospital. Their auto

leaped from the highway on a steep grade near Central City, and shot down a steep embankment when the travelers sought to avert a collision with an approaching auto. The machine went down twenty-five feet, turned turtle twice, and leaped into the river after throwing out the two men. Mr. Bush suffered several broken ribs, and Mr. Gull escaped with cuts and bruises. Oddly coincidental was a kindred accident near the same spot last year when a Chandler traveling thru Iowa have blackballed the scene of the accidents in the main.

Trazer Land at \$500.

Special to Times-Republican.

Iowa City, June 30.—King George has purchased the \$500 mark. Wilson Fleming has purchased the Noble Mason farm near Reinbeck at \$500.

David Billie has sold his 160 to John Stewart at \$250.

John Kubik, near Vorhies, has purchased Henry Strohbehn's 200 acres five miles northeast of Buckingham village at \$375. It is improved.

Anton Karkosh, of Toledo, has purchased the Fritz Boldt 160 in Crystal, owned of late by Strobbeln Brothers at \$175.

Henry Prueter has bought 200 acres near Parkersburg at \$235 per acre.

Johnson County Boy Honored.

Special to Times-Republican.

Iowa City, June 30.—King George has conferred a medal on Clifford Sties, formerly of Johnson county, a son of Oscar Sties, an Oxford pioneer. The young soldier has been decorated for risking his life to repair a railroad, crossing a bridge, under the deadliest fire of the Boche. Sties' bravery and good work gave the battalion that the Hun had cut off an opportunity to retrace their steps, and they escaped.

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