

THE WEATHER  
INDIANA—Fair, slightly warmer in north and central portions Saturday; Sunday mostly fair, warmer in extreme south portion.

VOL. 56 NO. 239

# THE EVENING NEWS

JEFFERSONVILLE, INDIANA SATURDAY, SEPTEMBER 22, 1928

## NEW EXCAVATING PROCESS HASTENS PROGRESS OF WORK ON BRIDGE CAISSON NO. 2

### Smith Orange Peel Process Hailed As Contribution to River Construction World—Vang Receives Madison Contract

(By Sylvia Ragon)  
(Editor's Note: Miss Ragon made her second trip into a caisson chamber for the purpose of securing the following stories for this issue: the process of the Smith Orange Peel Method and to learn of the work in the sand bed of the river. Miss Ragon was accompanied in this chamber by C. Glenason Melville, resident engineer for Modjeski and Masters; G. W. Smith, air superintendent for the Vang Construction Company; and Miss Marcella Coll, a Jeffersonville girl.)

As the great orange peel dives into a seven-foot steel shaft and down to the bed of the Ohio river, where with almost superhuman power the prows open and close upon a large amount of sand from the river bed that is then blown through the surface and dumped, there lies behind this new process of excavation, a vision of improvement placed into practice, an improvement that portends a realization to the construction world that a step of progress in the excavation of sand from a river floor has been made. Thus as the new process of excavation has been placed into service in an effort to aid and advance the work of building the last caisson in the river for the new traffic span across the Ohio from Jeffersonville to Louisville, G. W. Smith, veteran air superintendent of the Vang Company, builders of the piers, is to be accredited with the working out and perfection of this method which is to be known as the Smith Orange Peel Excavation Process.

The new clamming device was invented, installed and placed into the service under Mr. Smith's personal supervision. According to authorities who have investigated the process, Mr. Smith is to be congratulated upon his contribution to this part of construction theory.

### Pier 2 Leads Interest

While the building of each caisson has proven an interesting process to many residents of Jeffersonville who have closely watched the process, the process of preparing the caisson chamber for Pier No. 2, the first water pier of the Kentucky river, perhaps lends opportunity for the greatest interest and further requires the most expert application of engineering practice.

Within a steel chamber 80 feet long and 30 feet wide, sixteen hoists and a foreman are working twenty-four hours daily in the process of excavating the sand from the bed of the Ohio river. In an effort to advance the process of excavation as rapidly as possible, the Smith process through the use of an orange peel that excavates through the large steel shaft has proven itself, already, a contribution to the excavation of sand from a river bed. The steel shaft that is seven feet in diameter is sealed with water. The level of the water in the shaft is the same as in the river, thus completing the seal.

The use of buckets through the mud locks, such as have been employed in the building of the other five water caissons has not been abandoned, this process is still in operation on the excavating program, however, with the aid of the orange peel it has been found that less labor has been required in the mechanical operation and for every dump made by the peel three loads of a bucket are required to equal it.

### Dam Visible From Shore

A personal visit to the construction sight of the Caisson reveals a huge coffer dam, the wooden structure, visible from the shore and water. The coffer dam, built of wood and lined with a prepared water proof paper that keeps the interior of the structure dry, rises twenty-eight feet from the top of the steel caisson that protrudes under the water twenty-eight feet to the sand bed of the river. The man shaft carrying engineers, officials of the company, visitors and sand hoists to the working chamber is sixty feet high. Twelve pounds of air pressure are used in the working chamber where the excavation is taking place.

The sand hoists are now working thirty-five feet below pool stage, according to officials. While the work of the hoists in excavating was interesting to behold when the writer visited Caisson 6, the present excavation processes as the sand is lifted from the river bed through the Smith process is indeed more interesting.

Hoists with shovels on the sand floor in the chamber excavate the sand to the edge of the great steel shaft as it rests on the bed of the river. As the peel is lowered into the shaft, it is easy to imagine the prongs of the huge peel as they open and close upon a large amount of water and sand in the steel shaft. As the peel is filled, the sand near the edge of the steel shaft recedes and is gradually pulled under the sixty feet of the shaft. The peel is raised and the prows release the load back into the river without the caisson chamber. The peel, however, is not visible from the working chamber.

In order to prevent any possible failure of the process, a hose carrying water into the seven-foot shaft is turned into the opening so that water

12 additional feet from the present state. Rock at this point of the river is said to be quite thirty feet distant. The process of preparing the bed within the sand and the science of sealing the chamber with concrete as the upbuilding work of the caisson begins lends an opportunity to build a substantial and as stable a pier on the site of Caisson 2 as that of any other pier that has been set on the natural rock of the river.

Employers of the Vang Company began setting granite on Pier No. 5, Monday, and the supply of granite sent here from the quarries has been exhausted for Pier 6. Work on setting of granite on Pier No. 4, has progressed rapidly and the pier that is to tower above all others of the new traffic span as it rises seventy feet above pier No. 4, already looms as a staunch product of expert architecture and design. Pier 5, the working chamber in which the writer entered on July 25, is to rise one hundred and seventy-one feet. This pier will mark the first pier on the Indiana territory of the Ohio river.

If the record established by the Vang Company is maintained, it is reasonably certain that the piers will be completed ready for the superstructure by Dec. 1. The completion of the pier contract in that date will mark an advanced delivery on the part of the Vang Company of almost six months.

Officials of the Vang Company are already preparing for the launching of another contract already awarded for a bridge span over the Ohio at Madison, Ky., upon completion of the construction process in Jeffersonville the company will begin a similar program at Madison, it is said.

## 18 High School Graduates Enroll in Universities

Eighteen members of the graduating class of 1928 of the Jeffersonville High School have become students in Universities at the opening of the fall term, according to a report today from Miss Mary K. Voigt, principal of the local high school.

Those who have entered the University of Louisville are: Benner Davnport, Richard Gibson, Harry Gilmore, Ann Meyers and Mary Snider.

Indiana University: Hardin Mitchell, Albert LaDuke, Froman Johnson, Katharine Voigt, Owen Voigt, Leone Voigt and Sam Scott.

Purdue: William Weber. DePue University: Ester Thompson, Robert Kendall.

University of New Mexico: Chas. Howard.

Oss University: Edward Ehringer. Students who are attending Universities and who have graduated from the Jeffersonville High School with classes of '27, '26, '25, are: University of Louisville: Ann Elizabeth Bagley, Catherine Schimpff, Juanita Adair, Helen Weber, Paul Fisher, Ulmer Resch, Marvin McNaughton, Cecil Harvey, Charles Hoffmann, Elaine York, Charles Hancock, Garland Graham, Edward Hesse, Deibel, Ellis Deibel, James Rinke, David Ryan and Clifford Leep.

Indiana University: Elizabeth Voigt, Edith Bagley, Ralph Rescher, John Arthur Bird, Harold Rose, Charles Denzler, Ida Gilmore, Sarah Rough, Ruth Ruddell, Bowman Gibson.

Purdue University: Alfred Fraun, George Beeson and Allen Beeson. DePauw: Dorothy Rodgers, Genevieve Schlosser, Elizabeth Ferguson and Margaret Rose.

University of Heidelberg: Fifton, Ohio: Clement Winters. University of Cincinnati: Paul Smith, Winston Schreyer. University of Illinois, Urbana, Weber Schimpff.

## H. S. P. T. A. TO RECEIVE NEW MOTHERS' TEACHERS

A reception for Mothers of new High School students and new teachers will be given at 8:30 o'clock Monday at the Jeffersonville High School building. A special program has been planned.

Miss Ruth Evans who has been visiting Miss Juanita Adair, returned to her home at Nabb, Ind.

## PAINTER MISPELLS NAME ON BYRD SHIP

New York, Sept. 22.—A painter who dropped an "i" in spelling the name of the ship, Byrd's supply ship, Eleanor Boling, to the Antarctic with a misspelled name.

## Hoover's Record Praised By Borah Michigan Speech

Detroit, Mich., Sept. 22.—Describing Herbert Hoover as "one of the great administrators of all time," whose achievement "was among the miracles of the war," United States Senator William E. Borah of Idaho opened the Republican national campaign in Michigan here Wednesday night.

Virtually all of Michigan's Republican leaders were among Senator Borah's hearers, having remained after their state convention to hear the Idaho senator. Of the campaign he said:

Immediate, imminent, everyday, homey problems such as farm relief, cheaper transportation, development of our water ways, control of our rivers, the maintenance of government, a public utilities policy, conservation of electric power, clean government and the maintenance of our constitution as the people have written it, the enforcement of law, the protection of American industry and American labor and kindred present living vital issues.

The government, Senator Borah said, "can not ignore the farm problem, nor the public utilities or electric power problems."

Before the problem before our people at this time," he continued, "is that of the equitable distribution of wealth as that distribution is effected through legislation or administration. It is the duty of the government to seize the property of A and distribute it between B and C and D. I believe that equally before the law, that fair chance, which is assured to every citizen through the administration of wise policies and just and equal laws."

A part of the senator's address was devoted to reviewing the public life of Mr. Hoover.

"A man with this record," he said, "is not to be entrusted with the affairs of the American people."

## "Kidnapers" Send Newspaper, Note

Honolulu, Sept. 22.—A letter to the newspaper, Star-Bulletin, made public today and assertedly sent by the kidnapers and slayers of 10-year-old Gill Jamieson, Friday afternoon, would reveal their identities next Tuesday.

The letter said that its authors were willing to pay the death penalty for the kidnaping and slaying last Tuesday of the son of Frederick W. Jamieson, vice president of the Hawaiian Trust Company. The letter was found Friday afternoon by a three-day search by thousands of police.

Inclosed with the letter was a five-dollar bill, the serial number of which appeared upon the list of those which Jamieson gave the kidnapers Tuesday night. The missing referred shrewdly to the efforts of "the many detectives, the police."

## Nutrition Course Given By Purdue Extension Worker

Delegates from the various Home Economics Club of Clark County attended a nutrition course presented Wednesday at the Speed Community Club at the local high school. The subject for class discussion was, "Recipes for Special Occasions." The class prepared a number of sandwich recipes, salads, dressings and puddings.

R. O. Cole, county agricultural agent, made a short address. Delegates who attended the course and clubs represented were: Mrs. C. Q. Forward and Mrs. J. C. Allen, New Washington; Mrs. C. E. Robertson and Mrs. James Haves, Jeffersonville; Mrs. W. A. Baird, Owensboro; Mrs. Agnes Hoahn and Mrs. Jessie C. Haves, Memphis; Mrs. Frank I. Gilmore and Mrs. Alberta Gilmer, Nabb; Miss Lillie H. Borden; Miss Helen M. Gibson, Borden; Mrs. Irene Hanger and Mrs. K. M. Hanger, Speed; Mrs. Alpha Gilmore and Mrs. Ward Goodwin, Utica.

## HOOPER REPORTED TO BE LEADING SMITH IN FIRST STATE LITERARY DIGEST POLL

Hoover is ahead of Smith in the first scattering returns of the Literary Digest's 19,000,000-ballot national poll. Wisconsin, the state with the widest margin, has returned 4,800 of the 32,350 ballots returned. Hoover has 21,756 votes and Smith 673.3 votes making a percentage of 67.3 per cent for Hoover, the Republican candidate as against 32.6 per cent for Smith, the Democratic leader. The other 2.1 per cent of the votes are divided among the minor candidates.

An analysis of how the same voters voted in 1924 shows that Smith receives over 43 per cent of his strength in these first returns from those who voted for Coolidge four years ago, while only 36 per cent of his total poll comes from Democratic voters in the last Presidential election. The same tabulation shows Hoover obtaining more than 78 per cent of

## FREE

A beautiful picture of

### ALFRED E. SMITH

Democratic Candidate for President is yours for the asking  
Call at The Evening News office or at Democratic Headquarters in Clark Hotel  
This picture is suitable for framing

## Smith Makes 3rd Speech Tonight

Governor Smith's train enroute to Denver, Sept. 22.—Headed toward Colorado, Wyoming and Montana, Governor Smith resumed the role of a traveling Presidential nominee Friday after an invasion of Oklahoma where a knockdown fight in one of the border State's ten electoral votes. Although a bit fatigued by what he calls the "marry-so-sound" of a twenty-four visit to such a political center as Oklahoma City, the Democratic nominee was encouraged by his reception there. He appeared satisfied that he struck a responsive note in deploring religious intolerance and appealing for a decision at the polls on the basis of records of the two major parties and their candidates and their stand on the pressing public problems of the day.

Before his Friday stay he said goodbye to the Oklahoma capital and received assurances from political tenants there that the outlook in the State was steadily improving from his standpoint and would be all right by Saturday day, was a journey through a section of Northern Oklahoma and Southern and Southwestern Kansas.

The New York Governor was due in Denver at 11 o'clock Saturday morning, and tonight he will deliver the third speech of his first stamping tour. With waterpower as his theme, he plans to emphasize his contention that the ownership and control of such resources must be kept in the hands of the people.

## Robinson Will Speak At New Albany Tuesday

United States Senator Arthur R. Robinson, will speak at New Albany, Ind., Tuesday night, at the Kerkira theatre, at 7:30 o'clock.

Frank V. McCullough, Republican County Chairman for Floyd county, says that the public speaking party, is invited to attend and a special invitation is extended ladies, to hear Senator Robinson discuss the issues which show that people

## Church Not To Have Service Sunday Night

Evening services are to be suspended at Sunday night at the First Street Methodist church, according to a report today from the Rev. E. A. Clegg, pastor who is attending the Methodist Conference at Seymour, Mo. Plans at first announced, the Rev. Mr. Clegg stated, were that the church would have the regular Sunday night services, however, it has since been planned to suspend services entirely.

The morning church hour will be observed at 10:30 with Harry Upmore, church occupying the pulpit, Rev. Mr. Clegg reported.

## OTHER HOOSIER PAPERS SAY

Evidence that twenty-six of the high-priced automobiles stolen in the West by the interstate theft ring were shipped to Europe for sale as new cars is being sifted by various investigating agencies. State Police-man Charles Bridges disclosed here today.—Indianapolis Times.

Beotleg liquor can't get much worse! This is the opinion of J. R. Thruwout, city chemist, who daily tests samples of bootleg products submitted to him by police. The liquor seized on raids is tested by the city chemist before charges are heard in court.—Indianapolis Times.

Hardy Hodley, 45, held at the county jail as a fugitive, today charged he bought his escape from the Indiana State Farm at Fortmaville from a resident of Claymont, Pa. Hodley's residence of which he only paid \$10.—Indianapolis Times.

A health system similar to that being offered to children in the public schools, was innovated in the Mishawaka parochial schools last week, according to reports from the Anti-Tuberculosis League in South Bend. Mishawaka Enterprise.

A full program for Boy Scout activities in Mishawaka is being prepared by local officials according to F. Phanor Howlett, Jr., executive of the Mishawaka council.—Mishawaka Enterprise.

The total tax rate assessed against Shelbyville property owners for next year is \$9.08 on each \$100 worth of taxable property. This is an increase of one cent over the rate of \$8.04 in effect this year.—Shelbyville Democrat.

## Jury Awards Mrs. Williams \$200 Damages

A verdict awarding Mrs. Erna Williams \$200 for personal injuries against Ben Grote when the latter's car struck the plaintiff on Sept. 5, 1927 on the state highway near Seymour, was returned at 5:15 o'clock Friday afternoon at the Clark Circuit Court. The verdict was judgment for the court for \$200. H. W. Pharr and L. A. Douglass, attorneys, represented Mrs. Williams.

## Poultrymen To Meet At Purdue October 2-3-4

Lafayette, Sept. 22.—Hoosier poultry men and members of the Indiana State Poultry Association will hold their tenth annual meeting at Purdue University, Oct. 2, 3, 4. The three-day program will cover many problems of the poultryman, emphasizing in detail a marketing situation prevalent in this state.

During the sessions gold, silver and bronze medals will be awarded to winners in the Purdue 150 Egg club, which has been created to forward the interests of Hoosier poultrymen having hens that produce on the average more than two hundred eggs a year; silver medals for records showing more than 175 eggs and bronze medals for egg average of at least 150.

The contest of the medals, along with certificates, will be made by R. D. Girard of Tipton, president of the poultry association.

## Threats Made Against Raskob Says

New York, Sept. 22.—Raskob, Democratic man, said recently that he was receiving threatening letters two months demanding signed Frank X. Watt. All letters to Raskob the money in \$20 bills ordered him to wrap and check it at the Bronx in Philadelphia. Raskob told with a Democratic leader who recently slipped two big letters from "Watt" to "the next time the election slip."

The first letter was Mrs. Raskob about to be It was not signed, but to reply in the person Philadelphia newspaper copy. "I have descended," "to what in all probability a despicable form of criminal mauling and while I am self for doing this my are of so desperate a have decided to call the winds and to risk appeal to the god of unregistered Liberty of ner and in a place to be a second letter.

"I do not wish to yours," the letter content must have these funded in which the first will be the utter destruction of my residence." Clayton stirred the pulse of your other day in New York to make any fatalities the fall of the elevator time fortune will not be "If this letter is ign matter becomes public authorities are taken of offence, I would suggest your of your house be warned to vacate at not want to injure them destruction of your city. I shall at once take land, and any attempt to trip me by using I will not in the course most positively will be a funeral and Government be put to the necessity of other men to run his the next time the election stop."

## Red Cross Help Again Rec Fund

With funds coming in Red Cross chapter of Chairman Claude B. M made another appeal to the County to assist in an effort to raise for who have lost their he suffering from the misde hurricane that swept F ago.

A message late Friday from Chairman John C. said: "First surveys both in Florida disaster, relief by cable far exceeding estimate. In Porto are destitute and near starve grave health problems are epidemic. Refugees are clothed, sheltered by for a long emergency period 15,000 families require habilitation. Five million is absolute minimum relief fund. This places quota at \$500. We are when people of your canize the grave need, resp immediate and generous every effort bent toward quota."

John Kehoe is confined on Ohio Avenue by illne