

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 prongs open and close upon a large amount of sand from the river bed that is thereupon brought to the surface and dumped, here lies behind this new process of excavation, a vision of improvement placed into practice; an improvement that portrays 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 to advance the work of building the last caisson in the construction of 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 Excavating 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 of preparing the caisson chamber for Pier No. 2, the first water pier of the Kentucky shore, perhaps lends more interest and furthers the most expert application of engineering practice.

Within a steel chamber 80 feet long and 30 feet wide, sixteen hogs and a foreman are working twenty-four hours daily in the process of excavating the sand from the bed of the Ohio river. In order 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 a steady 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 has been employed in the building of the other five water caissons has not been abandoned, this process is still in order on the excavating program, however, with the aid of the orange peel it has been found that less labor has been required, less mechanical operation and for every dump made by the peel three loads of a bucket are required to equal one.

Dam Visible From Shore

A personal visit to the construction site of the caisson reveals a huge coffer dam, the wooden structure, visible from the shore, is water-tight. 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 on 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 hogs 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 hogs are now working thirty-five feet below pool stage, according to officials. While the work of the hogs in excavating was interesting to behold when the writer visited Caisson 5, the present excavation processes as the sand is lifted from the river bed through the Smith process is indeed more interesting.

Hogs 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 piled under the end of the shaft. The peel is raised and the prongs 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 within the shaft will be kept on a level with the river. This is an assurance against the loss of air from the working chamber.

Hogs engaged in the working chamber of Caisson 2, are not required to use picks and shovels in heaving away the rock as in other caisson chambers, but instead their work consists of labor whereby the sand is scooped to the edge of the steel peel shaft and to the locations where it may be placed in buckets.

The depth of further excavation has not been determined, however, it is possible, according to Mr. Smith, that the hogs may excavate to a depth of

Monday, and the supply of granite is exhausted for Pier 5. 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. It rises seventy-four feet above pool, already looms as a staunch product of expert architecture and design. Pier 5, the working pier, in which the writer entered on July 25, is to rise to a height of seventy-one feet. This pier will mark the first pier on the Indiana territory of the Ohio river.

If the present 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 on that date will mark an advanced delivery on the contract 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. From the 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 terms, 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 Davenport, Richard Gibson, Harry Gilmore, Ann Meyers and Mary Snider.

Indiana University: Hardin Mitchell, Albert LaDuke, Froman Johnson, Katherine Voigt, Owen Voigt, Leona Voigt and Sallie Scott.

Purdue: William Weber, DeP. University; Ester Thompson, Robert Kendall.

University of New Mexico: Chas. Howard.

Case University: Edward Ehringer.

Students who are attending Universities and who have graduated from the Jeffersonville High School with classes of 1926 '25, also University of Louisville: Ann Elizabeth Haggerly, Catherine Schimpff, Virginia Adair, Helen Weber, Paul Finhor, Umer Resch, Marvin McNaughton, Cecil Harvey, Russell Hoffmann, Eugene Thrö, Charles Hancock, Garland Graham, Edward Johns, Chas. Deibel, Ellis Deibel, James Hinko, David Clifford Leep.

Indiana University: Elizabeth Voigt, Edith Wilson, Ralph Rescher, John Arthur Bird, Harold Rose, Charles Denzil, Ida Gilmore, Sarah Rough, James Ruddell, Robert Gibson, Purdue University: Alfred Pfau, George Beeson and Allen Beeson. DePauw: Dorothy Rodgers, Genevieve Schlosser, Elizabeth Ferguson and Margaret Ross.

University of Heidelberg, Tiffin, Ohio: Clement Winters.

University of Cincinnati: Paul Smith, Winston Scheer.

University of Illinois, Urbana, Weber Schimpff.

H. S. P. Y. A. TO RECEIVE NEW MOTHERS, TEACHERS

A reception for Mothers of new High School students and new teachers will be given at 3:30 o'clock Monday afternoon at the High School building. A special program has been planned.

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

PAINTER MISPELLED NAME ON BYRD SHIP

New York, Sept. 22—A painter who dropped an "H" has sent Commander Richard E. Byrd's supply ship, Eleanor Bolling, to the Antarctic with a misspelled name.

The ship had been renamed by Commander Byrd in honor of his mother, whose maiden name was Eleanor Bolling Blood. He intended to give the first two of these names to the freighter. The order was transmitted over the telephone and the one "H" in "Bolling" was in some manner omitted.

The error was not discovered until the ship was about to sail for Hampton Roads, Va., on the first leg of its journey, and Commander Byrd did not wish to delay its departure to have the name repainted.

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 is on for that border State's ten electoral votes.

Although a bit fagged by what he calls the "marry-go-round" of twenty-four visits to such a political center as Oklahoma City, the Democratic nominee was encouraged by his reception there. He expressed himself 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 major parties and their candidates and their stand on the pressing public issues of the day.

Before him Friday he said good-bye to the Oklahoma capital and received assurance from political leaders there that the outlook in the State was steadily improving from his standpoint and would be all right by election 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 stump tour. With waterpower as his theme, he plans to re-emphasize his position in regard to the ownership and control of such resources as have been kept in the hands of the people.

"Kidnapers" Send Newspaper, Note

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

The letter said that its authors were willing to pay the death penalty to any kidnaping and strangling last Tuesday of Gill Jamison, vice president of the Hawaiian Trust Company. The body was found Friday after a three-day search by thousands of persons.

Inclosed with the letter was a five dollar bill, the serial number of which appeared upon the list of those which Jamison gave the abductors Tuesday night. The missive referred sneeringly of the efforts of "the many detectives, the pests."

Robinson Will Speak At New Albany Tuesday

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

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

In addition to the junior Senator, there will be other speakers and a vocal program by Hilda Henry, John Rue, popular New Albany song duet.

Church Not To Have Service Sunday Night

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

The morning church hour will be observed at 10:30 by the Holy Trinity church, occupying the pulpit, the Rev. Mr. Clegg reported.

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 Commerce house by Miss Mead of Purdue University Extension staff.

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. J. Forward and Mrs. J. C. Allen, New Washington; Mrs. C. E. Robertson and Mrs. Homer Hawes, Jeffersonville; Mrs. W. A. Baird, Owen; Mrs. Agnes Hoehn and Mrs. Jessie G. Hawes, Memphis; Mrs. Frank I. Gilmer, Otto; Mrs. Alberta Gilmer, Nabu; Miss Lillian B. Todd and Miss Helen M. Gibson, Borden; Mrs. Leone Hanger and Mrs. K. M. Ehringer, Speedy; Mrs. Alpha Gilmore and Mrs. Ward Goodwin, Utica Township.

Evidence that twenty-six high-rider automobiles stolen in the Middle 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.

Bootleg liquor can't get much worse! This is the opinion of J. R. Dunwoody, 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 Hedley, 45, held at the county jail in a fugitive, today charged he bought his way out of the Indiana State Farm at Putnamville from a trusty employ in the office for \$300 of which he only paid \$100—Indianapolis Times.

A health system similar to that being offered to children in the public schools, was introduced in the Mahawaka 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 will be \$3.06 on each \$100 of taxable property. This is an increase over the rate of \$3.04 in effect this year—Shelbyville Democrat.

Jury Awards Mrs. Williams \$200 Damages

A verdict awarding Mrs. Emma Williams \$200 for personal injuries against Ben Grotz when the latter's car struck the plaintiff's on Sept. 5, 1927 on the state highway near Sayre, was returned at 5:15 o'clock Friday afternoon at the Clark Circuit Court. The plaintiff asked judgment of the court for \$2,000. H. W. Whipp and L. A. Douglas, 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 disease and 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 presentation of the medals, along with certificates, will be made by R. D. Girard of Tipton, president of the poultry association.

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HOOVER REPORTED TO BE LEADING SMITH IN FIRST STATE LITERARY DIGEST

Hoover is ahead of Smith in the first scattering returns of The Literary Digest's 19,000,000-ballot nationwide "straw" poll for President.

Of the 32,350 ballots returned Hoover has 21,756 votes and Smith as 10,222 votes making a percentage of 67.3 of the total for the Republican candidate as against 31.6 for the Democratic leader. The other 2.1 per cent. of the votes are divided among the three 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 39 per cent. of his total poll comes from Democratic voters in the last Presidential election.

The same tabulation shows Hoover obtaining more than 73 per cent. of his total votes from Republican voters of 1924 with a gain of only 11 per cent from the Democratic ranks.

A startling local shift in party lines is indicated in the few early returns from Wisconsin comprising some 4,500 votes which show that over one-half of the Democratic vote in that State is coming from former Republicans. Likewise, in New Jersey, over 50 per cent. of the Smith vote appears to be drawn from voters who voted the Coolidge ticket in 1924 whereas Hoover captures less than 10 per cent. of former Democratic adherents.

The switch of votes is somewhat reversed in Maryland, on the face of the early returns, as Hoover receives over 52 per cent. of his votes from former Democratic voters while Smith gets only 22 per cent. from the Republicans.

A State by State tabulation, stated as being far from complete, shows California voting Hoover 441, Smith,

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Attention is called to the Southern States presented in the first figures published in The Literary Digest. It is also pointed out that "admittedly important battleground election," has not been this time.

The Literary Digest fact that the Presidential candidate began with a lead of more than four to one over his Democratic rival. The present poll starts with practically the same proportion of votes, two to one in favor of the Republicans, with which our 1924 poll ended, and it remains to be seen

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FIRST RETURNS OF THE 1928 PRESIDENTIAL POLL FROM THE LITERARY DIGEST OF SEPTEMBER 22, 1928

HOOPER	How the same voters voted in 1924				SMITH			
	Rep.	Dem.	Pro.	Other	Rep.	Dem.	Pro.	Other
441	827	47	3	2	62	206	124	46
867	489	282	5	141	479	105	248	9
2,340	1,515	480	28	887	1,136	484	488	25
15,420	1,971	180	39	5,172	6,686	2,820	2,451	147
2,688	2,057	150	39	1,811	961	424	73	
21,756	16,959	2,418	187	14,178	20,227	7,456	6,031	268

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