



SIDELINES

By LEROY BECKMAN

DOWNSTATE, a little city called Peoria is rapidly shaping into widespread existence as a result of the present "wet" era. Peoria is to be the site of the largest distillery ever built in the world, a project in which there exists an investment of \$4,000,000. The distillery will require some 6,000,000 bushels of grain annually, it will require about 350 tons of coal per day, and bottles, boxes, and labels will be used by the millions. Over 1,000 workers will be employed and the establishment will pay into the Treasury of the United States, through collection of taxes, more than \$30,000,000 per year.

INTERPRETATION of the above will undoubtedly be along two lines. You, the student of engineering, and a number of other high minded individuals will interpret it in this manner: "Well, that initial expenditure of \$4,000,000 is a good way to start the circulation of money. That enormous amount of grain will sure help the farmer, and without a doubt, that coal consumption will assist the coal industry. Furthermore, I can see a vast application for machinery and a good remedy for the unemployment situation." You see that because you can think, you've faced problems before.

NOW TAKE the stew-bum down on the corner. What will he say? "Gosh, Joe, you know, they're buildin' an alky plant down the river. S'posed to be a purty big outfit. We oughta get the stuff for half-a-buck a pint, now." Of course somebody has to drink it and there is no reason why anybody be deprived of it, unless he tends to over-indulge.

WHEN YOU acknowledge the economical benefits, you are at the same time aware of the nature of the product, but you don't stress that point. You don't have to because the "bum" does a good job of it. Yours truly happened to be riding on the rear platform of a street car the other day, which upon stopping at 42nd street for passengers, picked up a "gentleman" who found it a little difficult to maintain a vertical position. After paying his fare the old boy said to the conductor, "Shay, I gotta get off at 60th street. Wake me up when we get there." Well, be that as it may, the next passenger to board the street car at 44th street, was another "gentleman" also tending to become horizontally established. After paying his fare, he said to the conductor, "Shay, guy, I want to get off at 47th street. Wake me when we get there." (They were both drunk).

WHEN CONDITIONS exist such as they tend to, with drunkenness and general nuisance of alcoholic beverages, it's not strange at all that a person with a slight trace of culture would suggest legislation of the type that prohibition laws represented. There are no two ways about it. If the necessary and desirable cultural traits are to be preserved, thought must be applied before hand. Your reputation, your success, depends on you every action. *Law does not forbid the use of liquors, but society forbids misuse of the same.*

A. I. Ch. E. Smoker Planned for Friday

Armour chapter of the American Institute of Chemical Engineers has mapped out a busy and interesting winter season. On Friday, December 29, at 8:00 p. m., a smoker will be held at the Truss club. Admission will be free for members; non-members will be charged twenty-five cents. Dr. G. J. Fink, of the National Aluminate Corporation, has been engaged to speak at the A. I. Ch. E. meeting of January 12. He will speak on the subject of the treatment and softening of water. The meeting of January 19 will feature Dr. C. C. Monrad, of the Standard Oil Company of Indiana, who will speak on "Heat Transfer."

FACULTY CLUB HAS GAY OLD TIME AT CHRISTMAS PARTY

Initiate New Members During Banquet In Lunchroom

SANTA GETS LETTERS

Ye Old Faculty Party was put over with a big bang under the worthy directions of Professor Moreton. There was never a lull in the doings; if they weren't eating, it was something else. The room was decorated with red and white crepe hanging from the lights. The school colors ran through the center of the entire table, which was in the shape of a U, the open end being to the north. In the center of the U was a table set for eight, on which was placed the Christmas tree representing the Yuletide spirit.

The party was opened with the singing of "My Country Tis of Thee" by the entire group after they had reached their appointed places. All the singing was directed by Mr. Erickson, the old maestro of musical leadership. While the first course was being served, Professor Winston recommended the initiates to the members, after which the group broke into the well known song, "Jingle Bells."

It was upon this scene that Santa Claus made his entrance, pushing something that was a garden hose reel, a few boxes, skis, awning and a rope about 3 inches in diameter, all thrown together to look like a well shaped junk cart. Santa Claus (otherwise known as Prof. Roesch) asked whether Blough, Cunningham, Dutton, Fulghum, Hillhouse, Laniger, Locking, and Olson were present. Incidentally they were present, and seated at the aforesaid table containing the Christmas tree. They were initiates recommended by Brother Winston. Before the party each man was asked to write a letter to Santa in care of the honorable Moreton. Santa had several of the initiates read their letters to the entire group. (If Prof. Blough got the present he requested, we may see him washing the Tech windows one of these days). Santa Claus then presented the initiates with some toys which delighted them immensely. Prof. Olson was seen carrying what looked like a woolly dog home to his family.

Mr. Erickson offered a prize to the (Continued on page 3)

Faculty Inspects Shops at Illinois

A faculty committee investigating the organization and the co-ordination of shop courses with the rest of the curriculum spent last Friday at the University of Illinois inspecting the arrangement of such shop courses at that institution.

The committee consisted of Professors Finnegan, chairman, Freeman, Heald, Huntley, and Tibbals. Professor Huntley was unable to make the trip, which came at the invitation of the dean of engineering at the state university.

Considerable attention has been devoted by the University of Illinois to the problem of shops. They have a foundry and a large machine shop but no wood working, forging or pipe fitting shops. They have an elaborate organization designed to coordinate the courses with the other parts of the engineering program.

This trip is a part of an elaborate investigation conducted by the faculty committee in the manner of treatment of shop courses by most of the engineering schools of the country. The purpose of the intensive investigation is the obtaining of data on which to base the decision as to the treatment of such courses at Armour. The committee spent the day in the department of mechanical engineering at the university, conferring with the dean of engineering and various members of the faculty.

There will be a meeting of the Board of Publications, Friday morning at 10:30 in the Tau Beta Pi rooms, first entrance, Chapin Hall. This is a very important meeting, since a great deal of business must be transacted before the Christmas holidays. All members are expected to be present.

Players Present Program Friday

The Armour Players made their season's debut last Friday by presenting "The Shepherds Play," directed by Professor Hendricks. The cast was as follows: Carl Shermer, first shepherd; Sydney Miner, second shepherd; John Graf, third shepherd; Sidney Kreiman, as Mak; William Emmerich, Mak's wife, Gill; Alex Kulpak, an angel; and Mrs. Hendricks, the Virgin Mary. This cast worked hard and long and its efforts were met with success.

However, those that worked equally hard and far into the wee hours of the morning of the day of the play were: Clarence Clarkson, production manager; Robert Schwartz, stage manager; Mike Pantone, assistant stage manager; Harold Ayer, John Brenner and Joe Kuppert, stage assistants, Richard Lischer and Wesley Wieting, scenery design; Hugh Bisbee and John Paslawski, lighting manager and assistant; Ernest and William Hoyer, properties. The publicity was handled by Diamond Dickey.

The play was a rewritten, old fashioned morality play which used to be put on many years ago by groups of actors that traveled from town to town and carried their own stage on a large wagon. All of these old plays had a moral behind them and the Virgin Mary was always depicted.

With success to spur them on, the Armour players are looking forward to another presentation to be put on this coming spring. The Players will hold a meeting tomorrow evening at five o'clock in Room C, Mission.

When Bigger and Better Ice Skates Are Made, Percival Will Test Them

By J. N. Weiland

The center of our solar system, the morning after Christmas, was, in its usual manner and from its usual position 93,000,000 miles away, emitting radiations with a velocity of 30,000,000,000 cm. per second, announcing the commencement of a new mean solar (as distinguished from sidereal) day.

Our hero, Percival Aloysius Algeron Smythe, awakened by the impact of varied and assorted quanta (from the Greek, "quanta," meaning quanta) upon his eyelids, proceeded to invest himself with suitable garments for the initial trial of a new possession, objects known to the hippoloi as ice-skates.

Percival was not completely satisfied as to the quality of the carbon steel comprising the runners (analysis upon request. Please enclose stamped, self-addressed envelope) but, being aware of the old adage "Gaze not upon the dental appendages situated in the oral cavity of a specimen of equus caballus received without the payment of valuable consideration," he had resolved to lodge no complaint.

Upon arriving at a location which had previously been inundated by a division of the Conflagration Department with liquid hydrogen oxide, he removed his foot-gear and substituted in their stead the articles to be tested.

Our hero, more or less unconsciously, then proceeded to demonstrate the following scientific facts:

1. The coefficient of friction between steel and the solid resulting from the loss of 80 calories per gram at 0°C of an above-mentioned fluid, is very, very minute.

Elect Alumni to Institute Board

Plan Regular Graduate Representation

Ballots for the election of three men to the Board of Trustees of Armour Institute were mailed yesterday to members of the Alumni Association. The candidates were Alfred L. Eustice, Edwin O. Griffenhagen, and Howard L. Krum. The returned ballots are to be counted next Monday.

These men are not replacing any of the other members of the board but are to fill newly created offices. It is planned that each year one man will be elected to the board by the Alumni Association, replacing one of the previous alumni representatives. To set this plan in action, one of the three candidates is to be elected for a three year term, one to a two year term, and one to a single year term. In succeeding years, the Alumni representatives will fill three year terms.

Mr. Eustice received his B.S. degree at Armour in 1907 and returned to receive his E.E. degree in 1910. At present he is president of the Economy Fuse and Manufacturing Company of Chicago.

Mr. Griffenhagen received his B.S. degree at Armour in 1906 and his C.E. degree in 1909. He is a senior partner of Edwin O. Griffenhagen and Associates of Chicago, management engineers and specialists in administration and finance. Major projects undertaken by his organization since it was formed in 1911 have been a reorganization of the Canadian government (1918-1921) and a study of the work and pay of the United States government, leading to revisions in the basis of compensation and in budgetary procedure (1920).

Mr. Krum received his B.S. degree in 1906 and his E.E. degree in 1911. He is vice-president of the Teletype Company of Chicago. In June 1933, he received the Armour Alumni Association Distinguished Service Award for his work in the development of instruments made by the Teletype Company.

Because of the two weeks' holiday which extends from December 23 to January 8, the next issue of the Armour Tech News will be distributed on Tuesday, January 16. The News wishes to extend its wishes for a pleasant holiday season.

Pick Midland Club for Junior Dance

Plans for the Junior Informal dance to be held January 19, 1934 are being made by members of the social committee composed of a member of each department and headed by N. Maurer.

No selection of an orchestra has been made as yet due to the large list of good orchestras being considered. However, Charlie Straight and his orchestra are being seriously thought of as the dance orchestra to be selected.

It was decided at a meeting held by the group that the dance will be held at the Midland Club located at 172 W. Adams street. The Midland Club has a fine ballroom and a spacious lounge room in connection with it.

Considerable discussion has taken place regarding the price of the bids for the dance but it has not been decided what the bids will sell for.

The social committee is also looking forward and discussing the Junior Formal dance to be held during Junior Week, next semester.

A.S.M.E. Members to See Motion Pictures

"Flight Across America" will be the title of the moving pictures to be shown this Friday in Science Hall under the auspices of the Armour Branch of the American Society of Mechanical Engineers. The film is the property of the United Air Lines, and was secured through the efforts of R. R. Leonard, secretary of the middle western section of the A. S. M. E.

For the meeting of the Friday following the students' return from the Christmas holidays, January 12, more motion pictures will be shown. The subject will concern the manufacture of wrought iron pipe, and the film was obtained through the influence of Professor Libby. The movies shown at both these meetings should be of unusual interest, and all junior and senior mechanicals are urged to attend. All other students are likewise cordially invited.

Honorary Banquet To Be At Medinah

Edgar S. Nethercut To Be Speaker

The members of the various honorary fraternities will meet tomorrow for their annual banquet, to be held at 6:30 at the Medinah Athletic Club. The Interhonorary Banquet is held every fall to give the newly initiated members an opportunity to become better acquainted with the honor men of the other departments.

The principle guest will be Edgar S. Nethercut, executive secretary of the Western Society of Engineers. In this capacity Mr. Nethercut is in immediate contact with all types of engineering and knows all the developments and problems in the engineering field today. Dean Heald is toastmaster and President Hotchkiss and Dean Penn will give short talks. The speakers' table will also seat the presidents of the honoraries who will introduce their fall initiates to the assemblage.

The Interhonorary Council gives two affairs every year, the banquet in the fall and a dance in the spring. Attendance at both of these affairs is restricted to members of the honoraries.

The Medinah Athletic Club is located directly north of the Tribune Tower at 505 N. Michigan Blvd.

ORCHESTRA, GLEE CLUB TO PRESENT ANNUAL PROGRAM

Christmas Concert To Be Thursday At Ten-thirty

PARENTS ARE INVITED

The annual Christmas concert given by the Armour Tech Musical Clubs is to be presented next Thursday morning at ten-thirty in the assembly hall. Special rehearsals are being held by the orchestra and glee club in preparation for this event. Faculty members, students, and their friends are invited.

Hold Special Rehearsals

Among the selections which the orchestra may present in the one-hour program are "Lustspiel Overture" by Kela Bela, "Thine Alone" by Victor Herbert, "Song of the Bayou" by Aube Bloom, "Prelude in G Minor" by Rachmaninoff, and "In a Persian Market" by Ketalbey.

The Glee Club has in its repertoire "Home on the Range" by Gulon-Reigger, "Viking Song" by Cole-ridge-Taylor, and "I Love Life" by Zucca.

Glee Club, Orchestra to Unite

The two musical organizations may unite in several selections, such as the stirring "Your Land and My Land" from Sigmund Romberg's "My Maryland," or swinging rhythm of "Marching Along Together" by Pola and Steininger. Robert Dalton will be accompanied by the orchestra in the strains of "The Last Round-Up," from the recent Broadway success, the new Ziegfeld Follies.

The exact program was in doubt at press time but the numbers will be of the type suggested by the above titles. Printed programs will be available.

Postpone Kankakee Trip

In addition to the student and faculty attendance, made possible by the cancellation of all classes Thursday at ten-thirty, friends and relatives of the Armour students are invited to attend. No admission is charged.

The Musical Club concert at Kankakee, which was to have been held last Friday after being postponed from December 8, has again been postponed. This time it is planned for the middle of January. The Kankakee Alumni Association, sponsors of the evening's program, discovered that several other local affairs would interfere and so asked for a change in date. Mr. Erickson, director of the musical clubs, assented on the grounds that the additional preparation for the home concert, Thursday, would be of value in preparing for the Kankakee concert.

First Senior Jackets Expected Wednesday

The first shipment of senior jackets is expected to be delivered at school by tomorrow. About forty seniors, who were the first to place their orders, will get their jackets as soon as the shipment arrives. The balance of the price of the jackets is to be collected at the time of delivery.

A total of a hundred or more jackets will be sold this year according to the estimate made by Steve Lillis, jacket committee chairman.

Mr. Dobson, representative of the tailoring firm, will be at the Institute Wednesday and Thursday of this week to give out the jackets that have already been made and to take orders and measurements for more. A deposit should accompany the order. Those who wish to order their jackets during the holidays may do so at the office of the Supreme Merchant Tailors at 30 N. Clark St.

A sample jacket has been on display in the case on the first floor of the Main building so that those interested have been able to get a good idea of the appearance of the jacket.