



SIDELINES

By Sydney M. Miner

BENEFITS TO be derived by either contestant in a labor dispute have long been a controversial question. However, from the standpoint of the average citizen, there can be no doubt that any form of action such as accompanies every labor strike can only prove to be a detriment to the general welfare.

THE NEW YORK Building Workers Strike forms no exception to the rule; but it has at least served to bring to light one of the most disgusting and gruesome practices attendant upon every major labor difficulty:—Strike-breakers Incorporated.

THE BLAME for these organizations cannot be laid upon either side alone. Certainly it is in part due to the corruption rampant in almost every labor union. And just as positively, it is due to the "bull-headed" type of employer, who would rather spend a hundred dollars a day for protection during a strike, than submit to a wage increase of two dollars. As an outcome of these two faults, have come such notorious organizations as that headed by Pearl L. Bergoff.

MR. PEARL BERGOFF has set about to capitalize on the inherent feud between labor and capital, and while he has violated all the laws of good business methods, he has succeeded in setting up an organization which for the past few years has remained intact and earned for him a lavish livelihood. While he is not, at the present, the largest of the operators, he is probably the most well known, going under the nickname of the "Red Demon." His organization includes some of the most bloody and murderous thugs and mercenaries that you would care to meet. If the record of fatalities in nine major strikes, which Bergoff has tried to break, were reduced to box-score simplicity, it would read:

Strikebreakers killed by strikers, 6; strikers killed by strikebreakers, 17; men, women, and children killed by Strikebreaker-driven cars, 21; strikebreakers killed at work, 3; bystanders killed by strikebreaker, 1; strikebreakers killed by strikebreakers in barracks, 4.

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Chess Team Enters Collegiate Tourney

Armour's chess team will be a competitor in an inter-collegiate chess tourney which is to be held in Evanston on April 3, 4, and 5. The list of contestants will probably include the University of Chicago, the University of Cincinnati, Northwestern University, Purdue University, Wayne University of Detroit, and the University of Wisconsin.

After beating Northwestern's team recently, the Tech team is looking forward to meeting Chicago's team and Oak Park's team, besides meeting the schools listed above.

F.P.E.S. Will Hold Smoker on Friday

Armour's student branch of the Fire Protection Engineering Society will hold a party and smoker next Friday evening, March 20, at the Lawson Y.M.C.A., Chicago Avenue and Dearborn Streets.

The party will be in the form of a Monte Carlo smoker. As in the past, the "Handbook of Fire Protection" will be presented to the sophomore member of the society with the highest scholastic average in the freshman year.

Besides the cards, chuck-aluck, and what have you, will be played. Shingles, having the recipient's name inscribed, will be presented to all sophomore members.

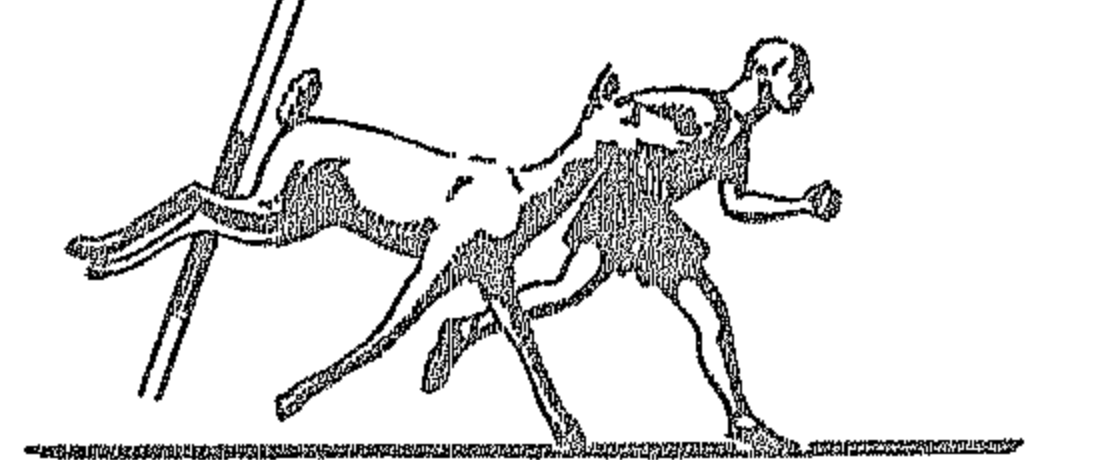
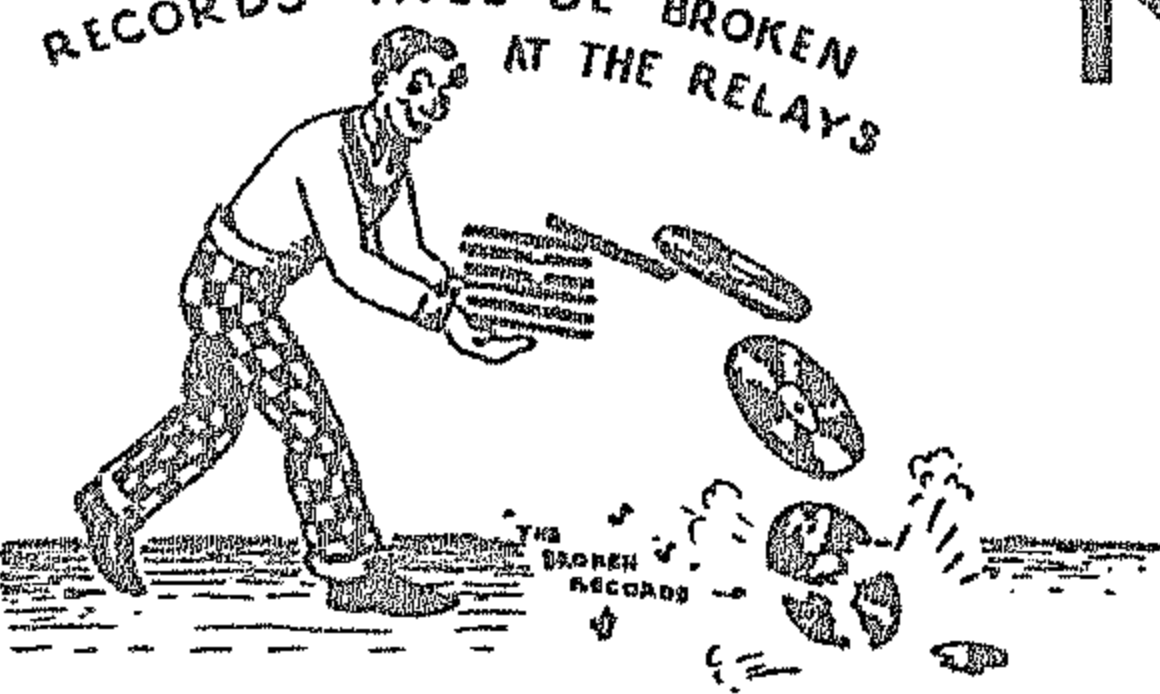
ARMOUR RELAYS

U. of C. FIELD HOUSE



RECORDS WILL BE BROKEN AT THE RELAYS

MARCH 21



J. KIEHAVEN

New Device Discussed at Meeting of A.I.E.E.

At the meeting of the American Institute of Electrical Engineers last Friday, Mr. P. W. Woodworth, patent attorney, gave a lecture on "Electrical Devices Used to Detect Explosive Gases."

Mr. Woodworth, who for a time, was Dean of Engineering at Lewis Institute, spent most of his life as a consulting engineer.

The small device used for the detection of explosive gases, is generally carried on the belt connected to a storage cell carried on the back. The instrument consists of a small device which supports a fine platinum wire between a set of prongs. This wire, forms one branch of a Wheatstone bridge circuit and by varying the other resistance, that galvanometer reading is adjusted to zero. The gas is then passed over this platinum wire, and if slightly explosive, the temperature of the wire will increase.

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Freshmen Take Quiz; To Be Annual Event

Last Tuesday about 250 freshmen were subjected to achievement tests by the institute in an effort to get a more valid impression of the men in the class. This information will be used in improving the courses at Armour.

Those subjects covered included reading, English, a questionnaire on studying habits. Although a few sticklers pertaining to math were included, no regular mathematics questions were asked because, after a semester of math, students have given sufficient demonstration of their ability. If the results of the study habits quiz show a need, it is probable that a course in study will be added to the curriculum of Armour. The result of these tests will not in any way affect the grades of the students.

This is the first year any intelligence or achievement tests have been given to freshmen at Armour. It is announced though, that they will be given to the entering students from now on. Instead of being given so late in the year they will be given during the first week of school in September; however, they will not be considered as entrance examinations.

Electrical Honorary Pledges Five Juniors

Eta Kappa Nu, honorary electrical engineering fraternity, was the first honorary organization to pledge new men. At a meeting last Friday, the following juniors were pledged: E. H. Brink, A. Goldsmith, W. B. Graupner, R. G. Liebman, and P. Morrison. Last semester, twelve men were pledged by this organization—ten seniors and two juniors. Although Eta Kappa Nu offered to coach students in the electrical engineering departments last semester, no one has taken advantage of this offer as yet.

H. Nachman to Head Senior Mech Alumnus

At a meeting of the senior mechanicals held last Wednesday morning, Harry S. Nachman was elected president and Robert Patterson, secretary. Further business consisted of the announcement of a committee to draw up a constitution for the organization. Those on the committee are: C. M. Christensen, R. Horwitz, and R. L. Smith. At the next meeting of the organization, a vote will be taken on the constitution as well as probable election of the officers.

Plans of the group call for a permanent organization meeting at least twice yearly, and probably once every year with the '35 mechanicals.

G. Thodos Will Speak at Math Club Meet

"Practical and Ancient Analytical Geometry" will feature the Math Club meeting next Friday, March 20, at 10:30, in the Electrical Lecture Room.

George Thodos, a sophomore, will talk on this subject, which will include the trisection of an angle, and duplication of the cube. Of particular interest will be the fact that he is bringing out the methods that the ancient mathematicians used for the geometric solving of these problems.

Thodos, because of his interest in this type of work, has made a research in it. The talk should be one of the outstanding given to the club and should prove to be interesting to all, according to Sydney Miner, the Math Club president.

Armour Socialites Enjoy Soph Cotillion

From their own hi-de-hi arrangements to novelty imitations of other bands, Eddie Woodward's orchestra sounded off the most successful dance yet held by the sophomores with their Cotillion last Friday. Having chosen the Lake Shore Athletic Club for its large ballroom, the social committee reported that the number of bids sold was sufficient for expenses to be nearly covered; although the dance floor was not crowded.

Starting the dance at 9:30 was approved by the students and faculty members present since it gave all the men enough time to get to the suburbs and still arrive in time. Another innovation, a door prize was well received; a Scotty (stuffed) went to Miss Leone Brens while the large box (also stuffed) satisfied George Goes. It seems that he won a rubber dolly.

W.S.E. Is Planning to Revise Constitution

Impurities in water, one part in a billion, are enough to affect the taste of an average human being, according to Dr. A. M. Buswell, who presented an illustrated lecture on "Chemistry in Water Treatment" before a meeting of the W. S. E. last Friday.

The talk was a revelation of some surprising facts, such as sewage being 99.95% pure water, while containing only .05% impurities. Dr. Buswell said that water is the cheapest commodity to buy, but is least appreciated.

At the next meeting of the W.S.E. a vote will be taken on revising the present constitution, so as not to exclude anybody from membership. A two-thirds majority is required to change the constitution.

Officers of the organization are contemplating a splash party for the annual spring smoker, an option having been taken on the Lawson Y. M. C. A. The evening is to consist of swimming and card-playing. Refreshments will be served.

After the business details are completed, Mr. A. J. Rowe, city engineer, will talk on the bridges in the city of Chicago.

TECH RELAY CARNIVAL IN EIGHTH ANNUAL RUNNING NEXT SATURDAY EVENING

Finals to be Run at 7:00 P. M. in U. of C. Fieldhouse; Relays Are Scene of Regional Olympic Tryouts

KANSAS STATE MAY BREAK TWO MILE RECORD

In order to make it possible to include pictures and complete stories of the Armour Tech Relays, the next issue of the News will be out on Wednesday, March 25.

Tau Beta Pi to Hold Pledging at Assembly

Tau Beta Pi, national honorary engineering fraternity, will hold its annual spring pledging at a public assembly within the next few weeks.

Sixteen seniors make up the active membership of the Armour chapter. Each year pledges are selected from the upper quarter of the senior class and from the upper eighth of the junior class. Men are selected who have coupled scholarship with diversified extra-curricular activities.

Smoker Planned for Fraternities

Plans for a joint smoker and meeting as well as an en-masse turnout of fraternities for the annual Junior Week pageant were discussed at the meeting of the Inter-fraternity Council held last Friday.

The joint smoker will probably be held during the early part of May at the Interfraternity Club. Should this plan materialize, it will become the second joint affair of Armour fraternities. So as to insure complete cooperation in the annual pageant a suggestion has been made that each fraternity deposit a guarantee fee.

These matters will first be discussed by each fraternity, and then voted upon at the next meeting of the Inter-fraternity Council, probably within two weeks.

Research Is Topic as A.I.Ch.E. Meet

Another talk in the series intended to aid the graduating chemical engineers in obtaining a position was presented to the Armour chapter of the A.I.Ch.E. last Friday morning. The speaker, Dr. K. M. Watson of the Research and Development staff of the Universal Oil Products Company, presented a discussion titled, "The Chemical Engineer in Research." Dr. Watson, formerly a professor of chemical engineering at the University of Wisconsin, is noted for his work in applied physical chemistry and industrial application of physical chemical principles.

In his talk, Dr. Watson outlined five things the Universal Oil Products Co. looks for when interviewing a prospective employee. First, they look for alertness and initiative; second, they determine whether the candidate can think through a problem to a logical conclusion; and third, they look for originality and inventiveness.

Next in importance is whether or not the person has a good knowledge of facts; that is, what was his scholastic record at college. Lastly, the personality of the candidate is considered. If two persons score the same on the first four points, the one with the more pleasing personality is chosen.

Describes Training School Dr. Watson also described briefly the training school at the Universal Oil Products Co. where the new man is given a chance to develop himself. The first month of the training period of one year is spent in the analytical laboratory; the other eleven months are spent in learning the various operations of the plant.

This Saturday, March 21, brings once more, the long awaited Armour Tech Relays. They will be the eighth in a series of annual meets started by Professor Schommer, former coach A. A. Stagg, Jr., and a small group of students. Although the Butler Relays are to be held on the same day, the carnival will be the biggest and best ever staged by Armour. The fact that the Tech Relays have been designated as regional tryouts for the Olympic track and field teams to compete in Germany this summer, is an added attraction. College athletes from all the mid-west will be out at Chicago's big field house giving their best in an attempt to become eligible for the Olympic team.

High Jump Record in Danger

The main meet is to be held in the evening, but because of the large number of entries, preliminaries in the 70 yd. dashes and high and low hurdles will be held in the afternoon. The big doings are scheduled to start at 7:00 o'clock with the high jump, shot put, and pole vault leading off. Last year's extravaganza saw both the pole vault and shot put records fall by the wayside and this year the high jump record is also endangered by Notre Dame's entry.

Grieve and Herman in Dash

The dashes and relays will start at about 7:30 and the crowd will get its first taste of real excitement. The University two mile relay will be the event to watch for. Kansas State has entered a crack team which ran the two mile in 7:45.7 at the Kansas Relays and almost equaled this record at the Duke Relays a week later. This is the fastest collegiate time on record for 1935 and beats the Tech Relay record by 7½ seconds. In the dashes, the records are endangered by Bob Grieve, an entry from Illinois, who runs the 100 yard event in 9½ seconds, while Herman of Carleton, a former Oak Park High sprinter, will be back to defend his record set in the 70 yard dash two years ago. Carleton has also entered a pole vaulter who expects to break the existing record. Northwestern, Notre Dame, North Central, and Wisconsin are also entering men in the dashes. The quarter mile run, in both the college and university divisions, will be a close race.

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A. M. Lane Is Chosen As A.S.M.E. Delegate

At a meeting held last Tuesday, A. M. Lane was elected delegate to the student convention of the A. S. M. E. which is to be held at the Allerton Club April 20 and 21. H. S. Nachman was chosen alternate delegate. As part of the program, in which the delegates of 19 engineering schools will participate, Lane will present a paper on "The Analytical Mechanics of Automatic Transmission Design", the subject upon which he spoke at the Tuesday meeting.

Members of the committee on by-laws and the officers of the student branch met last Friday afternoon and drafted the by-laws of the national society. An addition was made to allow for expansion into professional divisions. One of these is the aeronautics division which is expected to be in operation in the next two weeks. The entire set of by-laws will undergo only slight modifications before being presented for approval of the society at next regular meeting on Friday, March 27.

M. J. Loftus, chairman, W. Gartz, J. Housek, and P. A. Reh make up the by-laws committee. A. N. Schriber is to represent the newly formed aeronautics division.