



23 Sep 1936

## The Missouri Miner, September 23, 1936

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### Recommended Citation

"The Missouri Miner, September 23, 1936" (1936). *The Missouri Miner Newspaper*. 739.  
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SEP 23 1936

MINERS TO MEET ST. LOUIS U. IN ST. LOUIS FRIDAY

See  
Page 5

# THE MISSOURI MINER

MISSOURI SCHOOL OF MINES AND METALLURGY

VOLUME XXIII

ROLLA, MO., WEDNESDAY, SEPTEMBER 23, 1936

NUMBER 2

## "Forty-Miners" Battle "Thirty-Niners" in Annual Feud



—Photographs by Richard Prough and Jack Radcliffe

**P**ICTURED here are a few of the incidents that took place at the annual fight between Freshmen and Sophomores, held on the upper athletic field. Upper left: Egg shampoos and a fresh coat of paint were in order for each Freshman as they passed through the gauntlet of Sophomores. Upper right: The snake dance downtown after the fight ends in a pow-wow on Pine Street. Center: An added attraction to the fight was a free shave (dry) given Buddy Clayton by the razor-wielding Seniors. Lower left: Just four Freshies near the end of a big day. Was it the fight, the tobacco, or just the fact that they are Freshmen, that gives them that 'fresh' appearance? Lower right: "Chew Hard" is the order given each Frosh as he gets his quid of tasty 'long green' chewing tobacco.

### N. Y. A. Directors Meet at Maryville

#### Convention Asks For More Help For Drouth Stricken States

Three years ago our National Government in order to help college students financially, started the National Youth Administration commonly known as the N. Y. A. The students of limited means to partly finance their education by supplying jobs for them to do about school. When the N.Y.A. was first started only 10% of the student body could be employed under its auspices. That is 10% of the enrollment of the previous year. The following year, that is last year, the No. of jobs were increased to 12% of the previous year enrollment.

This spring the registrars of schools from seven surrounding states met at Maryville, Missouri, to discuss the National Youth Administration. At the convention it was decided, to ask the government for a 50% increase of employment under the N. Y. A. The reasons for asking for this increase was because of the severe drouth that affected our state and surrounding states thus threatening to cut down enrollment due to financial difficulties. The government granted this full 50% increase, thus raising the amount of employ-

### WE BEG YOUR PARDON!

Last week the MINER stated that Dr. P. G. Herold was appointed as ceramics head in the headline over the story of Dr. Herold's appointment to the faculty. This statement was certainly erroneous. Prof. C. M. Dodd is still head of the Ceramics Department.

The MINER is sincerely sorry for this error and takes this opportunity to publicly apologize for this misstatement of fact.

ment from 12% to 18% of the student enrollment.

In order to obtain one of these jobs a student must fill out a large application blank stating mainly that he cannot attend college without help by employment. This employment is usually allowed to freshmen and sophomores only, because other classmates can obtain help from the student loan funds. The students are employed by the various departments about school receiving fifteen dollars a month. They are employed in various ways. About fifteen are employed by the Missouri Geological Survey working in the office. There are about fifteen employed in the school library binding books and repairing them. Six or seven are working on the road and resources survey under Prof. Butler. The athletic coach was assigned five to

Continued on page three.

### A. S. C. E. Holds First Meeting

#### Mr. Beckman of U. S. G. S. Unable To Attend Due To Sickness

Mr. Robert Elgin, president of the American Society of Civil Engineers, called his first meeting of the new school year last Tuesday, September 15. The speaker of the evening, Mr. Beckman of the State Geological Survey, was sick and consequently unable to attend. A program, reminiscent of summer work, was vividly depicted by the following speakers in the order named:

John Woodward spoke on "Cofferdam Removal at the Alton Dam".

John Dewey talked about "Mo. State Highway Inspection in the vicinity of Kansas City."

Orvid Hartman recalled interesting experiences "Working in a County Surveyors Office."

Harold Bentley spoke on "Sewer Construction Under Horner in Webster Groves, Mo."

Prof. Carlton, Prof. Bardsley, Prof. Butler, and Mr. Perry were also present.

—M.S.M.—

Beat St. Louis U.  
48890

### A.I.M.M.E. SOCIETY MEETS

The Mining and Metallurgical Society met last Friday morning to elect officers and set up the program for the coming year.

The new officers, all Miners, are: Hugh Barclay, president; Jimmy Evans, treasurer; George Dickenson, secretary; Prof. Forbes, faculty sponsor. The meeting was presided over by the retiring faculty sponsor, Prof. Walsh.

A meeting will be held this week to introduce new members and hear talks by members who worked in the field this summer.

Everyone is cordially invited. Date will be announced.

—M.S.M.—

Bruno Richard Hauptmann died an innocent man, if a recent poll of Ohio State students means anything.

Of 300 questioned, 161 stated their belief the Bronx carpenter should not have been executed.

Typical comment: "I was in Flemington at the time of the trial. Hauptmann was not guilty. So many questions remained unanswered or were not even asked. Clarence Darrow could have saved him."

The University of California football stadium rests directly over a "fault" which could cause its complete destruction during an earthquake.

### Dr. Mann Outlines Engineering Order

#### Drawing Head Defines The Term "Engineer"

The second of the group of special lectures to be given in order to acquaint new students with the different branches of the engineering world was delivered by Dr. C. V. Mann, Thursday morning in Parker Hall.

Dr. Mann, who is the professor of engineering drawing and descriptive geometry spoke from a prepared address, bringing to the freshman, "An Outline of the Nature and the Development of Engineering".

After opening his address by giving several definitions of engineering, Dr. Mann formulated one of his own. In brief his definition described engineering as "organized human activity directed toward the understanding, control, production, distribution, and utilization of the materials, forces, and energy of nature."

Dr. Mann then quoted from eminent engineers in explaining further the work of engineering. In practical aspects, he compared the modern engineering workers to an army. To quote from his text, "In both (military and engineering organizations) there are diverse kinds and levels of work, calling for like levels of skill, technical ability, and authority. The two forms of organization—civil and military—differ primarily because of the two opposite goals for which they exist; peace and comfort—war and destruction."

Another fact that Dr. Mann put forward was that engineering is continually changing. New ways and means are constantly being developed. "The engineer is essentially a creator, a planner, and a director of constructive human activity."

Dr. Mann drew applause after finishing his address by setting a goal for the students of engineering to reach in further study.

Mimeographed copies of the address were given out to the freshmen for reference.

—M.S.M.—

### C. E. Department Prepares Map

The Civil Engineering Department during the summer prepared an up-to-date map of Miller County. This map shows range and section lines; schools, churches, municipal townships, towns, villages, and places of scenic, historic and recreational interest, such as the Lake-of-the-Ozarks, the National Recreation Area, caves, natural tunnels, etc. The preparation of the map was supervised by Prof. J. E. Butler, head of the Department of Civil Engineering. Prof. Gerard Schultz of Iberia, Mo., who was in Rolla during the summer as a member of the faculty of the Summer Session, cooperated with Prof. Butler in compiling data for the map. The draftsman is F. W. Thompson, a student at M. S. M. Both Professors Butler and Schultz donated all their time and labor.



# THE MISSOURI MINER



Official Publication by the Students of the  
MISSOURI SCHOOL OF MINES AND METALLURGY  
in the Interest of the Alumni, Students and Faculty

1936 Member 1937  
Associated Collegiate Press  
Distributors of  
Collegiate Digest

Published every Wednesday during the college year

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Business Manager.....R. G. Prouh  
Managing Editor.....R. C. Lange  
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FACULTY ADVISER.....DR. J. W. BARLEY

Entered as second class matter April 2, 1915, at the post office at  
Rolla, Mo., under the Act of March 3, 1879.

Subscription Price: Domestic, \$1.50 per year; Foreign, \$2.00; Single 8c

## WATER

There are a number of things around school which are often discussed but nothing is ever done about them. Perhaps these things are just taken as a matter of course but still turn out to be good topics over which to pass the time of day.

Was it Mark Twain who once said "Everyone talks about the weather, but no one ever does anything about it?"

The subject which is much talked about now is the temperature of the drinking water and the infrequency of the drinking fountains. In all of the campus buildings one must make quite a trip when in quest of a drink of water. Then when he does find it he is in danger of scalding his mouth when he drinks it. The water mains run parallel to the heat lines so that even in winter the water is quite warm.

The ideal plan would be to have water coolers installed on every floor of each building. Water would be close at hand for everyone and would be cool enough to be refreshing. If this plan proved too costly perhaps a few new drinking fountains could be installed at accessible places and the old ones replaced with a type that would not fill up around the jet.

Here's to more fountains and cooler water.  
—M.S.M.—

## TRADITIONS

All colleges have a few traditions by which students are supposed to abide. Some have long lists of rules and regulations which are strictly enforced, others have only a few precedents which students are supposed to follow.

The freshmen rules give our new friends some idea of the way which they are expected to act. Other than those few rules there are very few traditions to be learned.

One rather important tradition which students have followed in previous years is that in leaving the auditorium at the close of mass meetings the faculty and the three upper classes pass out first, the freshmen remaining seated until all others have left. The purpose of this tradition is to show respect to the upper classes.

To really show proper respect to the faculty and senior class and also to the other classes the plan should be changed slightly. The faculty and seniors leaving first, followed by the juniors, then the sophomores and finally the freshmen. This would give all classes an opportunity to show respect to the graduating class and also the classes which are, in a way, our superiors.

—M.S.M.—

Child prodigies grow duller as served.

That is the conclusion of Prof. Paul A. Witty of the Northwestern University department of psychology, who has just completed a study of the personal histories of fifty child geniuses of ten years ago.

In most cases prodigies grew up into a conventional pattern with no qualifications or desire for leadership, Prof. Witty reported. Each of the fifty subjects of the survey rated intelligence quotients of 140 plus in 1924-25. Since then their life histories have been carefully ob-

Points in their favor were; their educational attainments continued higher than that of their fellows. Their physical growth and vigor was superior. They rated a little higher in character tests.

Despite these facts, Prof. Witty told a convention of psychologists, "there appears to be little evidence that creative intelligence is being developed or displayed in extraordinary degree."

Homes and schools that are too standardized are at fault, he said.

## MOST OF GRADS. HAVE POSITIONS

The graduating seniors of the class of 1936 show well for themselves with the positions they have acquired: They have obtained jobs which scattered them in various parts of the world. The Missouri School of Mines and Metallurgy turn away many positions each year due to the fact that there are not enough graduates to fill them. This shows that the employment situation last year was better than it has been since 1930. The following men are listed as having employment:

Hilbert F. Mihel, U. S. Engineers, Washington, Mo.  
Fred A. Schwab, Surveyor, City of Chicago.

L. Grant Tennis, doing graduate work at Louisiana State.

Don U. Clarke, American Steel & Wire Company, Cleveland, O.

Frank L. Hillmeyer, Koppers Co., Pittsburgh, Pa.

Richard H. Hoffman, San Joaquin Light & Power Co., California.

Lawrence W. Meyer, Aluminum Company of America, New Ken. Pa.

Junior C. Turk, Eastman Kodak Company, Rochester, N. Y.

W. E. Walker, Eastman Kodak Co. Rochester, N. Y.

Albert B. Waltenspiel, U. S. Engineers, Fort Peck, Montana.

Howard E. Compton, St. Louis Refrigeration & Cold Storage Co.

Robert L. Fisher, Emerson Electric Co., St. Louis, Mo.

Kenneth O. Hanson, Emerson Electric Co., St. Louis.

Anthony V. Massaro, Emerson Electric Co., St. Louis, Mo.

Joe A. Mayer, Tennessee Valley Authority, Sheffield, Alabama.

Wm. N. Schwalbert, Toledo-Edison Co., Toledo, Ohio.

Johns R. Hubbard, Fellowship University of Cincinnati.

Elmer L. Smith, Socony-Vacuum Oil Co., Paulsboro, N. J.

Ralph H. Striker, Eastman Kodak Co., Kingsport, Tenn.

Paul C. Branstetter, A. P. Green Fire Brick Co., Mexico, Mo.

E. H. Frauenfelde, with WPA in St. Louis.

Alan J. Hoener, Purina Mills Co., St. Louis.

Robert M. Springer, General Chemical Co., St. Louis, Ill.

W. Gail Twyman, A. P. Green Fire Brick Co., Mexico, Mo.

H. R. Thornton, City of Chicago, E. E. Department.

John C. Harvey, Ozark Chemical Co., Tulsa Okla.

Claude M. Jenkins, U. S. Gypsum Co., Genoa, Ohio.

John W. Ruwwe, Phillips Petroleum Co., Bartlesville, Okla.

J. Gray Umpleby, Gypsy Oil Co., Tulsa Okla.

Arthur E. Woerheide, Shell Petroleum Corp., Houston, Texas.

Joseph W. Wright, Shell Petroleum Corp., Tulsa, Okla.

Robert W. Simmons, General Electric Co., Schenectady, N. Y.

Don F. McCarron, Laclede Steel Co., Alton, Ill.

Reade M. Beard, Columbia Steel Co., San Francisco, Calif.

Herrman J. Pfeiffer, American Steel & Wire Co., Cleveland.

Nyle M. Adams, Illinois State Highway Dept., Dixon, Ill.

Albert Alper, with a St. Louis contractor.

Frederick W. Arnold, Jr., Illinois State Highway Department, Peoria.

A. T. Aylward, Hayes Construction Co., Detroit, Mich.

Eugene J. Dally, Hayes Construction Co., Chicago, Ill.

Donald A. Eggleston, Saginaw Malleable Iron Div. of General Motors Corp., Saginaw, Mich.

Frank N. Haines, Missouri State Highway Department, Jefferson City.

John H. Hall, Illinois State Highway Department, Springfield, Ill.

James H. Menefee, Ill. State Highway Department, Effingham.

L. O. Barber, going into business for himself in Kansas City.

E. A. Roy, Heine Boiler Works, St. Louis.

W. A. Baker, Public Utilities, Marshfield, Mo.

H. A. Brisch, White Eagle Refining Co., Augusta, Kansas.

J. F. Campbell, Saginaw Malleable Iron Co., Saginaw, Mich.

O. H. Fage, Shell Petroleum Corp., St. Louis.

E. C. Floss, Graduate Assistant, Georgia Tech.

Morris Grober, Nooder Boiler Works, St. Louis.

Plummer, Neil, International Lead, East Chicago, Indiana.

J. R. Clanton, U. S. Army, Fort Lewis, Washington.

A. K. P. Hermann, Saginaw Malleable Iron Co., Saginaw, Mich.

R. L. Prange, Ramso-Ajax Co., 301 Main St., East St. Louis.

A. L. Woreseke, Fort Lewis, Washington, 1st Lieut. U. S. Army.

R. T. Chapman, Du-Pont Powder

## Former Military Head Now in St. Louis



Capt. Itschner, who has been reassigned to the U. S. Engineer's Office in St. Louis after four years of splendid service at the Missouri School of Mines, graduated from the U. S. Military Academy with the class of 1924. After serving at Fort Humphries, Virginia, for two years, he attended Cornell University, graduating after one year with a degree in civil engineering. He next was secretary and Distributing Officer of the Alaska Road Commission for two years, after which he was stationed with the 6th Engineers at Fort Lawton, Seattle, Washington, for another two years. Capt. Itschner was transferred from Fort Lawton to M. S. M. in August, 1932, being appointed the Assistant P. M. S. T. Two years later he became the P. M. S. T. During the four years that Capt. Itschner remained at M. S. M. our R. O. T. C. Engineer Unit continued to gain an "A" rating at every annual inspection, mainly because of his ever untiring efforts. We wish him well at his new post and will give our heartiest support to Major Gordon as he leads us on to the maintenance of the fine reputation of our R. O. T. C. Engineer Unit that Capt. Itschner has for four years enabled us to uphold.

Co., Wilmington, Del.  
Wm. E. Dennis, Climax Molybdenum Co., Climax, Colorado.  
J. P. Razor, Working for his father in California.  
E. H. Reec, 2nd Lt., U. S. Army, Fort Lewis, Washington.  
W. F. Reinmiller, Cepro de Pasco Copper Co., South America.  
M. R. Spahr, Box 535, Rayville,

Continued on Page Three

## EVERYTHING FOR THE COLLEGE MAN

Suede Coats & Jackets  
Best Quality Leather

New Fall Sweaters  
Slipover and Coat  
Latest Patterns and Colors

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WITH  
JACKETS TO MATCH

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REPAIRING we  
Use ONLY The  
Highest Quality  
MATERIALS.

SHOES  
REPAIRED  
While U wait



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SERVICE



## GRADS HAVE POSITIONS

Continued From Page Two  
Louisiana (Phillips Petroleum Corp.)  
Schleenvoigt, Felix, Pittsburgh  
Limestone Corp., Worthington, Pa.  
C. W. Barrow, Hayes?  
Geraldine Grimm, Rhodes Construction Co., St. Louis.  
G. O. Nations, Hayes?  
R. E. Schneider, Box 897, Ohio  
O. L. Co., Henderson, Texas.

## ANNUAL SMOKER GIVEN FOR FRESHMEN

Wednesday, September 2, the annual smoker, given for freshmen by the faculty, was held at Jackling Gymnasium. Nearly all the freshmen who had registered were present, and a few upper classmen, besides the faculty. In all, about 225. It was a general get-together at which the freshmen became acquainted with each other. At the start, slips of paper were passed around, one half of which were green and the other half pink. On these slips, the freshmen wrote their names and pinned them to their coat lapel, or shirts if they had no coat. By this method, becoming acquainted was much simplified.

Dr. Charles H. Fulton gave the welcoming address to the class of '40. There were also talks by other members of the faculty. Then the faculty passed around the cigarettes. Prof. John M. Willson, introduced

himself, and later proved to be the life of the party. The freshmen were asked a series of questions, such as: who wore the biggest shoe, who came the greatest distance to school, who was the smallest freshman, who had on silk socks (a titter of disapproval was heard from the sophomores present as several freshmen stood up), who was the largest freshman, etc?

Then they were divided into groups, the division line being the color of the slip they had pinned on. Then Prof. Willson introduced a game in which different freshmen held different letters of the alphabet and as a word was pronounced by Prof. Willson those holding the letters contained in that particular word would jump up and get in the proper order as soon as possible. The side accomplishing this first would gain a point. Another feature of the program was a general mix-up of freshmen in order to become acquainted with one another. Most of the freshmen went home, feeling that the event had well been worth their valuable time.

## AIR CONDITIONING VS. REFRIGERATION BY WILLIAM G. MALONEY

Are people becoming air conditioning conscious?

In the past few years, the middle west has suffered under a more torrid and oppressive heat than had ever been the case before. It has been said that due to this fervid period, the general public has become more "air conditioned" conscious than ever before. This of course was due to the fact that so many days of heat, without any apparent relief in sight, has forced the public to seek comfort—whether man made or natural.

It has been amusing to me to note how uninformed the public has been when it comes to discussing the advantages of these so called "air conditioning" units.

To the majority of people, any unit that lowers the temperature of the location wherein it is placed, is an air conditioning unit—or in other words they have never gone to the extent of associating air conditioning with heat. To them, any place that is advertised as being air conditioned, is refrigerated, and on the other hand, any place that is refrigerated is necessarily air conditioned.

This sort of reasoning is in the same category as the case of the man who, after having suffered a heat stroke, was prescribed a certain quantity of salt to be taken at intervals throughout the day so as to increase the salt content of his body. However, like the rest of the public, he had to be fooled, so he wouldn't accept the doctors advice that common ordinary table salt would be the answer to his problem. So in order to prevent an argument, the doctor changed his prescription to read so many grains of sodium chloride (NaCl), and the man went away satisfied.

fied.

Air conditioning is one thing and refrigeration is quite another. It so happens that air conditioning is usually accompanied by refrigeration in the summer time, however refrigeration is not necessarily accompanied by air conditioning.

Air conditioning is just what the word implies, it is conditioned air. Of course the temperature is controlled sometimes even to the point of refrigeration, but so, too is the humidity (moisture content), the dust content, etc. When these factors are controlled along with the temperature one enjoys then, and only then, the healthful pleasure of air conditioning.

There are many places where air conditioning is practiced that the comfort of the employees or employee as the case may be, is a secondary matter. As for example, some power plants are air conditioned in order to decrease the wear on the machinery. Especially electrical equipment such as generators and motors. In this particular case it is the dust that is the major problem. In power plants where Diesel engines are used, an air cleaner is used to condition the air thereby insuring longer life to the cylinder, piston, etc.

Refrigeration, on the other hand, is a mechanical means of cooling the air, and while it may be sometimes accompanied by controlled humidity and dust content, it is not usually the practice in some of these so called "air conditioning" units.

After having analyzed this problem of air conditioning, the statement at the beginning of this article that people might be becoming "air conditioning" conscious might be changed to imply that they are more interested in finding a cool place and whether it is air conditioned or not doesn't make much difference.

It will be interesting to note the number of places that will advertise as being air conditioned this winter when the temperature is around zero and below. If business houses find that it is as necessary to advertise their place of business as air conditioned this winter as they have found it this past summer, then one can draw the conclusion that the people are air conditioned conscious. However, until then they will only be "comfort conscious".

EDITOR'S NOTE: — Taken from the Better Business Bureau Bulletin, Vol. 15, No. 21, 1936.

## Air Conditioning Defined.

The term "air conditioning" has a lot of free and easy handling since its advent, and, in its various forms, has been used to describe fans, humidifiers, odor absorbers, underware, hats and even gasoline.

As a result, the National Better Business Bureau, working with technicians of the Air-Conditioning Mfgs. Association and American Society of Heating and Ventilating Engineers, has announced a definition of the term.

True "air conditioning" equipment must control simultaneously the three factors which affect human comfort—temperature, humidity, and circulation of air.

## M. S. M. Alumnus Held in Spain

London, August 14.—A landing party of British sailors may be ordered to evacuate 37 British and one American citizen (J. O. Ambler of St. Louis) from the Riotinto Mines near Huelva, it was stated authoritatively tonight.

An armed rescue expedition to free the foreigners imprisoned in the face of a Rebel advance would be "a matter for the discretion of the warship commander" of the H. M. S. Brazen, it was asserted.

The Brazen now is standing by in Huelva Harbor 50 miles from the mine.

Meanwhile, reports from the war zone said insurgents already were in control of Huelva and were moving up swiftly toward the mine area

## New Equipment for Mining Dept.

Many new improvements and additions have been effected this year at the school's experimental mine. The old bin or hopper, which has not been used for years, has been demolished. With the exception of the Blake jaw crusher and the air hoist, all of the outside machinery has been moved. The two steam-driven air compressors have been donated to the Mechanical Engineering Department which will, presumably, exhibit them as relics of yester-year. The Mining Department recently purchased a new portable Diesel two-stage air compressor. The compressor has a capacity of 210 cubic feet of free air per minute at 90 pounds per square inch gauge. This amount of air will be sufficient to operate one drifter and one jackhammer at the same time. The Diesel will afford opportunities for interested students to make a direct study of this type engine.

Mr. Neal Ham has donated to the Mining Department two new Ingersoll-Rand drills, a type N-73 drifter and a type S-49 jackhammer. The machines were a personal gift and we feel very much indebted to Mr. Ham for his generosity. Mr. Ham was of the class of '23.

With the new equipment the mining students will be able to carry on drilling tests, detachable bit efficiency tests, and experiment with different types of runs in order to determine their effectiveness. The M. S. M. Mining Laboratory is now as well equipped as any in the country.

The Petroleum Department has converted the old "monkey" house back of the Bureau of Mines building into a laboratory. It is modern in all respects.

The Mining and Petroleum Departments are to be congratulated upon the very distinct improvements they have effected in their laboratories. These improvements will materially help M. S. M. in maintaining the high standard it has always enjoyed among the engineering schools of the world.

## N. Y. A.

Continued from Page One  
help him keep equipment in order and do general work about the gym and football field. The remaining few are employed in odd jobs about the campus.

The boys employed by the N. Y. A. have taken it upon themselves to live by the cheapest possible means so as to cut expenses. A large proportion of the boys are eating at the Engineer's Club, a cooperative eating house. Six boys have rented a small home and are living there economically, cooking their own meals. Four are living in a rented apartment; also cooking their own meals. Several live at the gym, while two others live in a trailer, all trying their best to obtain a good education by the cheapest possible means.

with 10,000 Loyalists being mobilized to resist attack.

## U. S. Acts Swiftly

Washington, August 14.—The United States Government acted swiftly today to rescue J. O. Ambler, St. Louis mining engineer, reported held as a hostage at Huelva by forces allied with the government in Spain's revolutionary struggle.

To the Embassy at Madrid and its consul at Seville, the State Department dispatched urgent instructions to make "emphatic" representations to Spanish authorities in his behalf and to report on the outcome as soon as possible.

Its move was prompted by London press dispatches that Ambler was among 38 members of the staff of the Rio Tinto Mining Corporation who had been refused permission to leave the mines to take refuge on a British destroyer.

These reports indicated the men were being held prisoners by Loyal-

ist forces—described in the dispatches as "Spanish Communists." "Ambler's last American connection was as superintendent of the Copper Queen Smelter at Douglas, Ariz. He spent two years recently in San Antonio. His present address is St. Louis.

He was born and raised in St. Louis. He graduated from the public schools there and then went to the Missouri School of Mines at Rolla. He has two brothers in St. Louis, Edwin T. Ambler, 2628 Margaret and Charles W. Ambler, 5637 Pershing.

## Beat St. Louis U.

## Good Things To Eat

Board Per Month

2 Meals \$18.00

Board & Room Per Month

2 Meals \$25.00

Mrs. Grant

908 Pine

## PROGRAM

## ROLLAMO THEATRE

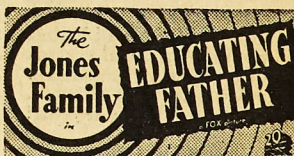
Saturday and Sunday Matinees  
1:30 and 3:30 p. m.

Wed. and Thu., Sept. 23 & 24



Note: Due to the length of feature; first show starts at 7:00 second show, 9:15.

Friday, Sept. 25th  
Matinee and Night



Saturday, Sept. 26th  
Matinee and Night



Sun. and Mon., Sept. 27 and 28  
Wallace Beery and Cecelia Parker in

## "OLD HUTCH"

"Donald and Pluto", Latest News Events

Tues., Sept. 29, Bargain Night



## Coming Soon

"The Texas Ranger"  
"Big Broadcast of 1937"  
"Gen. Died at Dawn"  
"Wedding Present"  
"Rose Bowl"

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719 Pine St.

Rolla, Mo.





## THROUGH THE TRANSIT

By Homer Bru



**T**HE good ship Blurb weathered an awful stormy sea over this week-end. St. James had it's annual Wine Frolic and even some of the seasoned seamen had to go below docks before the evening was over, coupla the novices at this rough game that the Miners are noted for couldn't even come on deck Sunday, it will be several months before you youngsters will be admitted to the sacred order of "The Pitchers," so

don't get discouraged kids, time will tell.

Lambda Chi's were very much in evidence at Jimtown Saturday, had a coupla rushees down at the New Atlanta Tap Room, drinking a few glasses of tap or sumpin.

At the last Gym dance everyone changed coats—down at Jimtown, well they changed dates, anyhow some of the girls fitted better than the coats.

The little hotel girl what got her car wrecked Sunday just can't seem to get to bed by night on Saturday's, after her stand ups and regular dates she has her late ones, very late, she usually manages to be on time for lunch, that's not good for young girls Mary.

Congratulations to last years senior, Jack Hall, who was married to Miss Baumgardner of Jimtown on August 7th, lots of luck to you guys.

**F**RIDAY night Turner was out frolicking with the rest of Jimtown. He and "Binnie the Bat" seemed to be getting along swell. Turner was certainly giving her the rush. However it looked as though he was trying to make her jealous

when he started wearing Susie's hat around.

Then Saturday night Harsell went on one of his wild ones and he and "Binnie" were seen walking down Pine Street arm in arm. Its a good thing Turner wasn't there Tom or he might have fought for his gal. However, Tom didn't seem to remember much about it the next day. At least he wouldn't admit it.

Suitcase Simpson took a little jaunt in Mary Sunshine's car Sunday, and when he got back, there wasn't a thing left of one of the fenders, and the bumper was torn loose. Simpson claims it was the other fellows fault. That's strange isn't it? Have to change Simp's name to Sideswipe Simpson.

Couldn't get a thing on Country Price this week, and he was crowing about it which leads me to believe that he was anything but a pure and innocent boy. Don't crow too loudly Robert, lots of week-ends are coming up.

Alexander was really going to town at Jimtown Saturday night. He saw one of his lifetime enemies from Salem, and was all set to get revenge till he saw said enemy's date. Then he forgot all about vengeance. He finally ended up with some freshman's date. Alex was one of the veterans who didn't get above deck Sunday.

That's about all this week. But look out for next week-end at St. Louis. St. Louis is a big town, but news travels fast. See you at the Missouri Mule.

—M.S.M.—

## WINCHELL'S ECHO

**D**EAR Column Readers (if any at all), hello. And to the rest of you, hello also. It seems as if the school year has finally gotten under way, with some of the zest it closed with last May. Remember that last ball of the gym? nice, wasn't it. That is all history, and at the rate things started out this past week and week-end, I would put it as mild history.

Not much doing the middle of the week, except the little things that are bound to pop up just anywhere at just any time. With the opening of school, this guy cupid has to stick his darts into those who have not been slain before. If he keeps on, this band of Jimmie Gilmore's is going to be without a first trumpet man, or didn't you know anything about it little man? Keep up the good work girls, or should I say girl. The town, and Joe, to say nothing of Shorty and some others,) was considerably downhearted by the loss of toward something-or-other last Tuesday. Just grin and bear it my friends, she'll come back some day.

Moving up to the week-end, we (my typewriter and I) simply cannot overlook that gem of all celebrations, the Fall Festival of Jimtown. Any of you that missed it can thank whomever kept you from going, for it was rougher than the one last year, if such a condition is possible. The Miner aggregation didn't get into full swing until Saturday night, but when they did they made up for any delay. The men of Sigma Pi did right well in trying to make the dance Saturday a huge success. Looks as if the younger of the Gardner boys was going to be more of a social light than his brother. At least, he won't go out as soon. Ulak and some of the rest of the boys did their best to see that the co-ed was well entertained. The funniest (funniest to the onlookers) thing that happened was the way in which everyone switched dates. Most of that pastime was taken up by the delegation from the big yellow house just off the campus. It must have been fun while it lasted, but some of the girls objected to it on the grounds that they weren't being treated with enough respect, or something like that. The only trouble with the one or two who were of that opinion was that they were not used to the tactics of we Miners. Credit goes to the

## Sherry and Bowers Visit Campus Tues.

Mr. H. K. Sherry, '12 and Mr. C. J. Bowers, '24 visited their old campus on Tuesday, Sept. 15. These two men have been very successful in their field, which was mining.

For 15 years Mr. H. K. Sherry has been connected with the Johns Mansville Asbestos Mine in Asbestos, Quebec. This is the largest mine of its kind in the world. Daily it produces over ten thousand tons of ore and waste. Mr. H. K. Sherry is the General Superintendent of this mine. In the Mining world Mr. Sherry is known for his development in drilling and blasting. The Quebec Mine,

Atlanta for their provision of a drinking room delux. One can see most any one there after any affair around town, and it was certainly well filled after the dance Saturday.

**W**ITH such a start Saturday nite, some of the boys decided to carry on with a tea party Sunday at one of the numerous rivers in the vicinity. It was quite a delegation that left Rolla Sunday afternoon, and struggled back Sunday night. To an ordinary swimmer, the river would have been chilly, but when you have most of your clothes on, you don't feel the cold much, do you Bud? Then theres the guy who came prepared for headaches, taking a box of aspirin with him just to be on the safe side. All in all, it was a nice party, and a nice time was had by all, though some of them don't remember just what happened all the time.

Took in the show yesterday (who didn't?) and I must say that outside of the new dance routines it was practically a repetition of the others. However, it had a bit of life in it that the others missed, and Fred gave some neat imitations of how a broken-hearted young man should look and act. Take heed people, you might find yourself in the same fix some day. The Ed. of the publication is politely demanding that I quit writing. So I will say to you—oh well, what difference does it make. Good-bye till next week.

JIG.

under Mr. H. K. Sherry, has become an outstanding example of Modern Mining.

During the years of 1911 and 1912, Mr. Sherry was on the Miners football squad.

Mr. C. G. Bowers left for South America in '24 after his graduation to fill a 3 year contract with the Braden Copper Company. After his contract was completed with Braden he continued on in South America with the Cie Aramayo de Mines en Bolivia. He is now Assistant Manager. Mr. Bowers is well remembered by many of the towns people.

Both of these men brought good news to the students in the Mining Department. The Mining industry, especially in the South American countries, is in want of Junior Mining Engineers. Mr. Bowers and Mr. Sherry were both in search of men they could place in their respective organizations at the present time.

—M.S.M.—

### BRAIN TEASER

Last week we asked you to plug a one inch square hole with a one inch diameter round plug.

"Doc" Maise found a round plug in his stock room which was one inch in diameter. He cut the plug exactly one inch long with square ends and inserted it in the square hole sideways.

This week's teaser is the type Carrollo likes to work on. How long can you continue to place 7 horses in 7 stalls—in a different arrangement each day?

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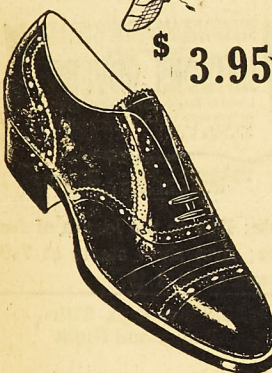
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# MINER SPORTS

## MINERS TO TANGLE WITH ST. LOUIS U., FRIDAY NIGHT

Annual Game Under Floodlights to Attract Large Crowd

By Jimmie Evans

Friday Coach Grant will pack his Miner squad off to St. Louis to meet the Billiken of St. Louis University in the first tilt of the season for either school. With the exception of Red Krause, Herb Flash and Capt. Hudson the Bills have practically intact a team which last year trounced the Miners.

But when Coach Muellerleile lost those three men he lost the power house of his team. The only hitch to that pleasant prospect for the Miners and the other St. L. U. opponents is that "Mull" has ten members of his undefeated freshman team coming up to fill the holes in the varsity ranks. He has two good sophomore line men, Jack Hartmann and Len Gorman to take the hard job of filling Red Krause's place at center.

And then he has Mel McGonnigle, from last year's freshmen who will probably grab a regular varsity berth since he is regarded as one of the best Billiken back prospect in years.

The Bills will probably attempt to win this annual struggle by sheer man power and weight. For the Bills have lots of weight and some good line plungers but their aerial attack is very mediocre for none of their men have a great deal of accuracy. Not so with the Miners since this year Coach Grant has two backs "Little Mel", Nickel and "Oszie" Holman, who can practically place the pigskin on a thin dime. And he may have a clicking passing combination, for Joe Murphy has speed that is not handicapped by excess beef so that the grid is nothing more than a cinder track.

Last year Grant had some weight in his line when he went to St. Louis, but nothing like this year. In fact it is probably the heaviest he has had in several seasons. This may mean that St. Louis will have a bit of trouble walking down the field through the Miner line. The Miners this year also have quite a bit of reserve strength which is another important item lacking for a few years here at M.S.M.

St. Louis expect the Silver and Gold to be another push over in their victory march but as far as the opponents know Miners are somewhat of a dark horse. In Bob Grania an Otis Taylor, Grant has in reserve an exceedingly shifty pair who merely need to find a hole and the Miners may have a tally. The strength at the end was somewhat weakened as a result of the ineligibility of Carl Litter due to preregistration difficulties. However Grant still has two good veterans for the position which doesn't make the outlook too discouraging.

### Probable Line-up

Wt. Miners	Wt. St. Louis U
185 Folsom.....	LE 183 Mitchell
195 Prough.....	LT 205 Rossini
210 Mattei.....	LG 188 Vollmer
183 Spafford.....	C Gorman
170 Wilkey.....	RG 194 Putnam
195 Appleyard (C)	RT 206 Baker
163 Murphy.....	RE 186 Fitzgerald
175 Nickel.....	QB 163 Drone

## Coach Plays Pro Baseball During Summer

Elmer Kirchoff, who has just been put on the regular coaching staff, spent his summer playing pro. baseball. He played at shortstop for the Palestine (Texas) Town Team in the Eastern Texas League. The team ended up in fifth place and Kirchoff said that he didn't wish to state his batting average.

Marvin "Floppy" Breuer, who graduated from here two years ago, has just been signed up by Newark in the International League. Newark, (N. J.), is one of the New York Yankees try out clubs.

This summer "Floppy" played for Binghamton, (N. Y.) in the New York-Penn. League where he won 18 games and lost nine.

M.S.M.

Every Northwestern University chemistry graduate of the last three years has been promptly employed.

## LONG DISTANCE RATES

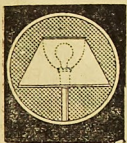
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K	H
R	U
U	M
D	O
E	R

Old Uncle Phil was burning dead grass, when a freshman stopped by. "You're foolish to do that, Uncle Phil. It will make the meadow as black as you are." "Don't worry 'bout dat, sah", responded the undisturbed Uncle Phil. "Dat grass will grow out an 'be as green as you is."

Don't worry because somebody disagrees with you—you can't even walk down the street without meeting some one coming the other way.

She:—Honey, are you sure you love me for myself and not for my clothes?

He:—Test me, honey, test me!

He:—Hey, there's no swimming allowed here.

She:—Why didn't you tell me before I undressed?

He:—Well, there's no law against that.

"It's all off for tonight", she cried, as she wiped her face with a towel.  
—M.S.M.—

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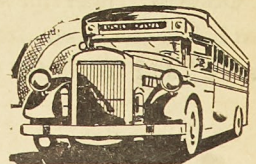
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## SCOTT'S--The MINER'S CO-OP and BOOK EXCHANGE

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### TECHNICAL NEWS

BY  
E. L. CLARIDGE

When explanations of the relative theories of Einstein reached the general public, they seemed the ultimate in achievement in physics, for many years at the least. Now we discover that Einstein's theories deal with empty space or with the field produced by one body only, and Prof. Tullio Levi-Civita, Italian mathematical physicist of the University of Rome, has extended the system to include interlocking fields of two bodies.

Einstein was able to demonstrate the relative truth of his theories by the continued shift in the perihelion, or point of nearest approach to the

sun, of Mercury. This was possible to predict by his theory because the mass of Mercury, and consequently the field it produces, is negligible compared to that of the sun. In the case of two suns his theory would be inaccurate, and at this point the venerable Italian professor steps in. His formulae should be especially valuable in the case of double stars where the two suns are so close together as to be indistinguishable visually, so that their orbits about one another are very difficult to obtain. We know they are double only by the periodic separation and coalition of lines in their spectra, or

"rainbows." Thus data about their orbits is very difficult to obtain, and any aid such as this will be of enormous help to astronomers.

The visitor to San Gabriel Dam, No. 1, under construction in the Los Angeles Flood Control District might be surprised, especially at night, to see a metal monster bounding toward him with eyes shooting flames and mouth snapping in anticipation. He would be reassured, however, to see a man behind the monster, guiding it with hand levers.

The half ton tamper, for such it is has been nick-named "Leaping Lena" by the workmen. It is in the form of a truncated cone, with the "face" on the top. It consists principally of a four cycle, single cylinder gasoline engine which is propelled upward by

every explosion in the cylinder, which number about fifty per minute, and moves forward as well as upward. The air intake forms the mouth of the "face," with two exhaust ports as the eyes. It is a pro-

duct of the Dalmog Company of Germany.

The depression is held responsible for growing interest in home economics being shown by boys.

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