



07 Nov 1958

The Missouri Miner, November 07, 1958

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OCTOBER 31, 1958

only way for us to find your comments. Even if comments are good suggestions down-to-earth complaints, think they will be an improvement, we will surely try to use them to good use. We must realize, of course, that a paper cannot publish anything or cheesecake. But open to any of your other suggestions. So if you come to mind, why not write us. To talk it over with you have to do is note the questionnaire. Who might be well worth the time spent, and maybe a word for your name in the

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Missouri School of Mines and Metallurgy

The MISSOURI MINER

NUMBER 8

VOLUME 45

ROLLA, MO., FRIDAY, NOVEMBER 7, 1958

Over 1000 Alumni Return For Gala Homecoming

Alumni Board of Directors Meets Friday

The recent Homecoming Week-end was without a doubt the largest, and most successful Homecoming ever held here at the School of Mines. It has been estimated that over 1,000 alumni attended, although there may have been more since no accurate count was made. The featured speeches, the successful meetings and banquet, and the spirit of participation of our returning alumni were welded together to

Class of '42, and J. Walter Wallace—Class of '48. During the meeting it was decided that the Alumni Association would continue to sponsor six scholarships having a cash value of 500 dollars each. These scholarships are to be given to needy students in the first or second semester at the School of Mines. This year 2135 contributions were received by the Alumni Association towards the Alumni Fund. This is

Then, at 10:45 on Saturday morning, a Convocation was held in the Parker Hall Auditorium. The highlight of this Convocation, and indeed, of the entire homecoming weekend, was a speech presented by Governor Blair of Missouri. The governor spoke on the importance of combining our technological advances with our humanistic aims. He stated that we must blend science and humanities into a common culture for ourselves and for all people, and that we must provide the youth of our nation, whether they are to become scientists or not, with an understanding of how to deal peaceably and intelligently with the great discoveries of our time and of the future. Following his speech, Governor Blair was made an honorary member of

(Continued on Page 9)



Our "Homecoming Queen" is carried before "her" loyal worshipping subjects during half time activities last Saturday. The Queen, a Kappa Sigma pledge, is a traditional event at the MSM Homecoming.

make this homecoming one which will be long remembered.

The Board of Directors of our Alumni Association met Friday afternoon, with 12 directors present at the meeting. The four new directors participating in this meeting were: J. Kraig Ellis—Class of '38, C. C. Palmer—Class of '40, Ken Anderson—

the largest number of contributions ever received.

At 9 o'clock on Saturday morning, a registration was held in Parker Hall for those alumni who wished to formally register their presence. About 500 alumni were registered at this time. This is, of course, no true indication of the actual number of alumni present.

Governor Blair Speaks Before Alumni Saturday

"We must provide the youth of our nation with an understanding of how to deal with the great discoveries of our time and the future," proclaimed Missouri's Governor James T. Blair, Jr., in an address to the MSM Alumni Association at the annual meeting in Parker Hall on Saturday. Governor Blair went on to say that a great increase in our progress can be made if we can increase the degree of scientific literacy among the "rank and file of all Americans," pointing up the need for technological education. However, he pointed out that man's "knowledge of economics, history, sociology, psy-

chology, and religion must be thorough enough for him to evaluate discovery in terms of continuing human progress."

Governor Blair was selected by the Association to receive an honorary lifetime membership in the organization and the award was made at the meeting. Certificates of Merit were presented to two MSM alumni for outstanding work in their fields. Dr. Charles J. Potter '29, President of Rochester-Pittsburgh Coal Co., and Milo N. DeDell '23, of Laclede Steel Company of St. Louis, received the awards at the meeting.

Dr. Elmer Ellis, President of the University of Missouri, and

(Continued on Page 9)

Mo. Asphalt Conference Closes This Afternoon

The first Missouri Asphalt Conference is being held at the University of Missouri, School of Mines, Rolla, November 6-7, sponsored jointly by the Asphalt Institute, the Missouri School of Mines, the University of Missouri Division of Continuing Education and the Missouri Bituminous Contractors Association.

The purpose of this Conference

is to bring the latest construction techniques and technological advances to the attention of construction and administrative agencies. It will serve to better acquaint our construction and engineering personnel with the bituminous concrete industry, its problems and the latest methods of meeting these problems. The program is scheduled as follows:

Conference Schedule

Thursday

12:00 Luncheon. Welcome address by H. W. Masters, President, Missouri Bituminous Contractors Association and Masters-Jackson Paving Co.

Afternoon Program. Moderator Dr. Amos Snider, Director, U. of Mo. Division of Continuing Education.

2:00 "Flexible Pavement Design." Dr. Miles Kirsten, P. E., Professor of Civil Engineering, University of Minnesota and Chairman of Flexible Pavement Design, Committee of Highway Research Board.

2:45 "Base Materials." Merritt Royer, P. E., District Engineer, Asphalt Institute.

3:45 "Base Construction." M. Clare Miller, President, San Ore Construction, Inc., McPherson, Kansas.

6:30 Banquet. Toastmasters: Charles L. Pratt, P. E., Vice President, Bridges Paving Company; Fred Dawkins, Vice President, Land Construction Company. Address: Dean C. L. Wilson, P. E., Missouri School of Mines.

Friday. Professor Carlton, Moderator.

9:00 Film.

9:30 "Plant Control." Robert Plumb, Engineer, Iowa Manufacturing Company, Cedar Rapids, Iowa.

10:30 "Modern Compaction Methods and Equipment." A. O. Williamson, Manager, Road Machinery Division, Bros. Inc., Minneapolis, Minn.

11:15 "The Place of Heavy Duty Bituminous Concrete in Today's Highway Program." H. E. Bailey, Consulting Engineer, Oklahoma City, Okla.

12:00 Luncheon.

2:00 Questions and answers on the Contractor-Awarding Agency Relationship. Moderator, James Corbett, P. E., Assistant Chief Engineer, Missouri State Highway Department. Panel members: C. C. Tevis, P. E., Construction Engineer, Missouri State Highway Dept.; M. J. Snider, P. E., District Engineer, Missouri State Highway Dept.; E. A. Dolan, President, Payne and Dolan, Inc.; and C. L. Harrison, P. E., Vice President, Rock Hill Asphalt and Construction Co.

3:00 Adjournment.

Every attempt has been made to present a cross section of the bituminous concrete industry; consequently, there will be a highly representative group of prominent men from the fields of equipment manufacturers, public agencies, universities, private contractors and consulting engineering firms. These men are well qualified to discuss their particular subjects in the field of bituminous concrete, its uses and proper construction methods. A nominal charge for the lunches on the

(Continued on Page 10)

NOTICE

Students desiring Christmas work in the St. Louis Post Office for the Christmas vacation may secure applications from the Assistant Dean's Office, Room 101, Parker Hall. The open period begins December 20, 1958.

To understand the nucleus, it will probably be necessary to pos-



Dr. C. E. Violet

sess considerable insight into the behavior of these particles. Thus, in the ultimate sense, the nuclear technology will be limited by the present lack of understanding.

Dr. Violet received his B. S. in meteorology from the University of Chicago and an A. B. and Ph. D. from the University of

(Continued on Page 10)

THE MISSOURI MINER

THE MISSOURI MINER is the official publication of the students of the Missouri School of Mines and Metallurgy. It is published at Rolla, Mo., every Friday during the school year. Entered as second class matter February 8, 1945, at the Post Office at Rolla, Mo., under the Act of March 3, 1879.



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Letters to the Editor

The Editor,
"Missouri Miner"
Missouri School of Mines and
Metallurgy
Rolla, Missouri, U. S. A.
11th October, 1958

Dear Sir:
ANGLO-AMERICAN
PEN CLUB

May I introduce myself?

I am a Scot, (hometown-Edinburgh) now a Civil Servant in London. During the war I was a radio operator in the British Merchant Navy and I visited America many times. I was always impressed by the kindness and hospitality shown to the Britons like myself who were thrown up on your shores by the war.

I now have a lot of spare time and so as a hobby I have started the above Club to enable young people in America and Britain to get to know each other better, exchange ideas, magazines, etc.

I already have a long list of young Britons who are eager to make pen friends in America but my difficulty is putting them in touch with young Americans of similar interests. I am, therefore, taking the liberty of writing to you in the hope that you will bring the Club to the attention of your readers.

I am sure you will agree that only good can come from such a flow of correspondence across the Atlantic and if any of your readers are interested would you please advise them to write to:

MR. H. HENRY,
38, Crawford Street,
LONDON, W. I.

Trusting to hear from you shortly,

Yours sincerely,
(signed) M. Henry

Did you ever hear the warning given by a mother to her son: Don't go where cobwebs grow?

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To the Editor:

The school spirit of the student body of this campus is a fickle thing. They complain about the lack of social or recreational activities at this school. But when something is planned the students refuse to participate in it. The weather was so bad that only about thirty students could attend the Pep Rally. But 400 students could raid Krogers of pumpkins and apples and then distribute them over the streets of Rolla. This article is not condemning the burning of the outhouse but criticizing the lack of any constructive effort of increasing school morale.

Alumni Banquet

The annual Homecoming Banquet, Saturday, Nov. 1, was held for the first time in the recently completed Rayl Hall, MSM's new cafeteria. Over 225 alumni and their guests attended the function, the largest attendance ever recorded for the event.

Barney Nuell '28, served as master of ceremonies for the event. Dean Curtis L. Wilson was present and gave a few words of welcome to the returning alumni.

Sailor to civilian showing him model of a ship in a bottle: "If you think that's hard, you should try to get a bottle inside a battleship!" The Readers Digest.

Despair is not in my dictionary.

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Engineering Center To Be Erected Soon

A new ten million dollar United Engineering Center will be erected on the United Nations Plaza between 47th and 48th streets in New York City. The Center will be the headquarters for the five Founder Societies, The American Society of Civil Engineers, The American Society of Mechanical Engineers, The American Institute of Electrical Engineers, The American Institute of Mining and Metallurgical Engineers and The American Institute of Chemical Engineers. Along with the Founder Societies some fifteen other engineering societies will be housed in the building.

The Center will cover an entire block across from the United Nations Building. It is a ultra-modern structure 20 stories high containing 250,000 sq. ft. of floor space. The building will be completely equipped with the latest office equipment for use by all the societies.

Building of the Center is a very large undertaking. Total cost, including site, is estimated at ten million dollars. Of this, seven million dollars will be met by present resources of the United Engineering Trustees and through the Industrial Gifts Campaign: the remaining three million dollars must come from individual contributions by chemical, civil, electrical, mechanical, metallurgical, mining, petroleum, and other engineers.

This project is the largest and most important single project ever to be undertaken by the organized engineering profession. Recent events point up the extreme importance of the engineering societies to the nation. The new Center will provide a splendid opportunity for integration and close co-operation among the various societies for more effective service to the entire profession.

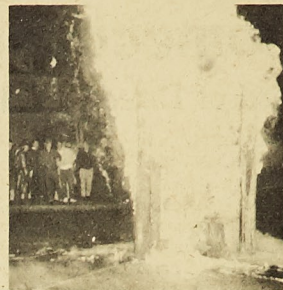
Even though the engineering profession has had dynamic growth in service, size, and prestige in the past quarter of a century, it faces much greater growth in the future. The United Engineering Center will provide the headquarters facilities needed for this growth. It will contribute to the unity of the engineering which many feel is perhaps a half-century behind the medical and legal professions in unity and organization.

Man leaving pet shop with new puppy: "C'mon, little feller, you are going to change someone's mind about wall-to-wall carpeting."—The Reader's Digest.

One man to another at dance. "I have my eye on a strapless gown that can't possibly survive another samba."

Another Outhouse Went Up in Flames

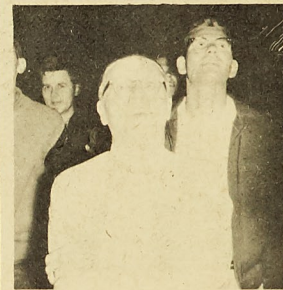
The date is Halloween; the time is 2155 hours; the place is the intersection of State and 11th Streets opposite Dean Wilson's. The job is, you guessed it, burning of the traditional "Outhouse." Higher powers last year half way ordered that there was to be no more outhouse burnings, but no power can order and command



The Outhouse Burns

that tradition be stopped for Miner ghosts will always come through as any other group that does not like tyranny and oppression. The main thing that the higher powers were worried about anyway was that they did not want their outside johns stolen for it gets cold in the mornings now.

The flames shot forth as if all the resentments against the school were unleashed at once. I know myself when I see the dear old



A Dean Watches

outhouse burn I always think of it as my instructors serving their penance in Hell. Others wanted to be more ambitious and start to burn the whole campus down because the common product is the same. But everyone is still wondering where Prof. Robbins is going to spend his free time since his was stolen.

An estimated seven hundred

strong watched the fire and yelled and cheered when a cherry bomb or a perfect toilet paper missile flew through the air. The crowd summoned Dean Wilson with the acclaim, "We want Dean Wilson," "We want the Dean."

Next the crowd chose Dean Gevecker and yelled, "We want Gevecker." I don't know why Dean Gevecker did not appear, probably he was not home. Now what I want to know is what happened to the brave Rolla Police and Fire Departments; it is disappointing that the Rolla Police and Fire Department would let an outhouse burn in the middle of a busy intersection.

The students soon solved the problem of traffic control. Eggs were brought out for artillery and when some brave people tried their luck at attempting to penetrate the line; they were met by a shower of raw eggs. The crowd finally thinned down to about 200 and a parade down Pine Street was decided.

It was a lot of fun even with the walking all over Rolla if you didn't get caught.

NOTICE

ANY article not in the Miner box by 10:00 a. m. Monday morning, be it fraternity, feature, or any other, WILL NOT be printed that week. A late article will not be printed under ANY circumstances unless the Editor of the Missouri Miner is notified of the delay 24 hours in advance.

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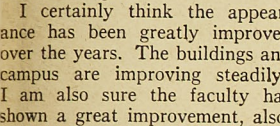
by Bill Walker

What do you think is the most outstanding improvement made on campus since you left? (Asked of Alumni on Homecoming Day.)



H. S. Barger '39
Evansville, Indiana
Petroleum Engineer

All of the expanding, I think, will be a great help to the professors as well as the new and old students. But with all the expanding on the campus, you are putting yourselves in too small an area.



O. W. Kamper '35
Pittsburgh, Pennsylvania
Ceramic Engineer

I certainly think the appearance has been greatly improved over the years. The buildings and campus are improving steadily; I am also sure the faculty has shown a great improvement, also.



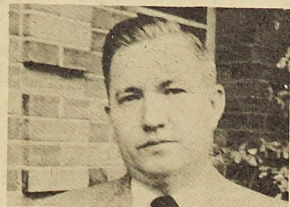
J. P. Bryan '24
Liberty, Missouri
Civil Engineer

I think definitely the expansion is a very good improvement. The buildings and campus are so much larger than when I was here. The faculty is also far superior and better equipped to teach.



William Adams '39
Decatur, Illinois
Electrical Engineer

The jobs done by the professors now are far superior to the jobs the professors did back in '39. The students of today are also better equipped when they enter college than years ago.



Albert L. Hill '28
Kansas City, Missouri
Civil Engineer

Expansion is the first thing that comes to my mind. With the new building the school will be able to accommodate more students and have better facilities. We'll see about the football team this afternoon.



Burl Y. Slates '28
Kansas City, Missouri
Mechanical Engineer

I don't think there has been enough expansion. The expansion should be more along the Air Corps and Transportation Corps design, with Air Condition classes and provisions for the steady increase in registration.

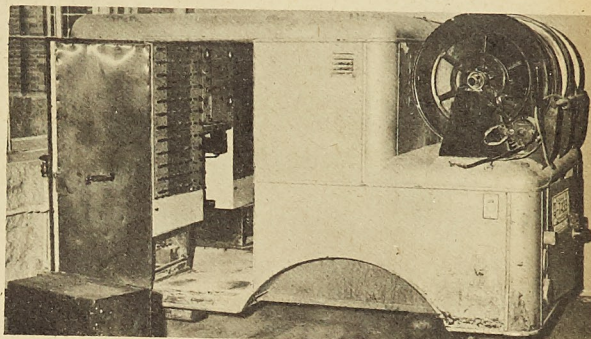
As nature takes its inevitable course, your herd increases in size, value and productivity.

Missouri Miner Feature of Week

In this realm of atomic discovery and missile development many of us have our minds directed toward the first interplanetary space voyage and the consequent knowledge this radical advance would yield. But how many of us have stopped to think what unknown wonders may still exist within the envelope of our own atmosphere? Some people have of course, and the more interested of them comprise a group of scientifically minded men known as Geophysicists. A Geophysicist is to our earth as an astronomer is to the heavens. His primary aim is to interpret subsurface structures by physical means, which are translated to the Geophysicist by physical and mathematical processes. Although this field is relatively young, only 20 to 25 years old, its application is already in use by many large companies. Major oil concerns hire Geophysicists to detect underground oil and petroleum deposits. Highway construction utilizes the Geophysicist's knowledge in determining the nature of the terrain on which they build. Mining companies use them in the detection of underground ore bodies. In theory the present day Geophysicist is constantly unraveling the deep mysteries mother earth inevitably conceals from us. MSM realizing the importance of the addition of such a course to her present curriculum, has on campus a thriving young Geophysical department headed by Mr. R. A. Black. Mr. Black is a 1950 graduate of Washington University receiving a Bachelor of Science degree in Geology and a Masters in Geological engineering and Geophysics. After graduation he worked for seven years for the U. S. Geological Survey during which the Survey doubled in size from 40 to 80 men. Since his arriving at MSM in 1957 the number of Geophysics students has increased from none to five, and the courses have increased from one to four. Equipmentwise the Geophysics department has received two Geophysical trucks, one from Texas Company and the other from an independent company in Kansas.

The truck received from Texas Company will be used for field purposes since it is in operational condition. The other from the independent company in Kansas will have the cab removed, thus which will be set up in the lab as exposing the instrument panel a mock up for instructional purposes. Other new equipment includes two Magnetometers, two repaired ones, and a portable seismograph, all of which are on

The field of Geophysics is highly technical, as one may have surmised from the above relations. Accuracy to the most infinitesimal units is required in many cases. For instance, one standard Geophysical instrument called the Gravimeter measures the strength of the earth's magnetic field to 1/100 millionth of a unit of gravitational measurement. To deal with such exactness, men of competent knowledge and a thoroughness of character are constantly in demand. We feel that MSM, with the aid of such industrious young men as Mr. R. A. Black, is doing exceptional work toward the cultivation of such men.



View of dismantled portion of seismic truck which was recently mounted in the Mining Building. This removed section will serve as a mockup for instructional purposes.

long term loans from the U. S. Geological Survey. The graduate students in this department are in the process of building another piece of new equipment called an equipotential tank for making equipotential and resistivity analysis. All these previous factors constitute one thing; that the division of Geophysics at MSM is in a state of constant expansion and will, if not already, offer some of the best Geophysical training in the country.

Another department of particular interest, which is in close relation with the Geophysical work at MSM is our mining division. Head man in this section is Mr. Christianson, a mining engineer who at the present is supervising the construction of a large centrifuge. The centrifuge is being designed here at MSM, but the manufacturing of various components is being done by individual manufacturers. The pur-

(Continued on Page 9)

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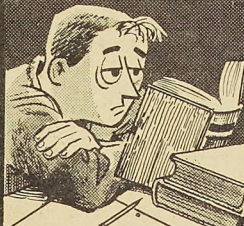
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POLITICS and COWS

We're only half kidding in the following definitions. Let's never forget that in...

Communism, if you have two cows, the government shoots you and issues a manifesto to the effect that milk is a poisonous secretion produced only by capitalistic mammals.

Socialism, if you have two cows, the government takes both of them and gives you back a little skim milk. This is known as redistribution of the wealth.

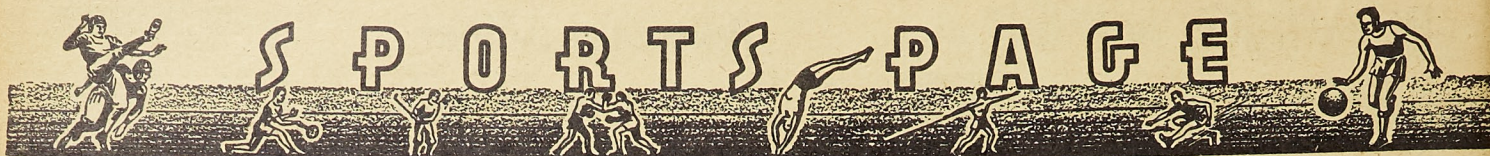
Idealism, if you have two cows, you imagine that one is a bull and wait expectantly for something to happen. It never does.

Realism, if you have two cows, both of them are dry.

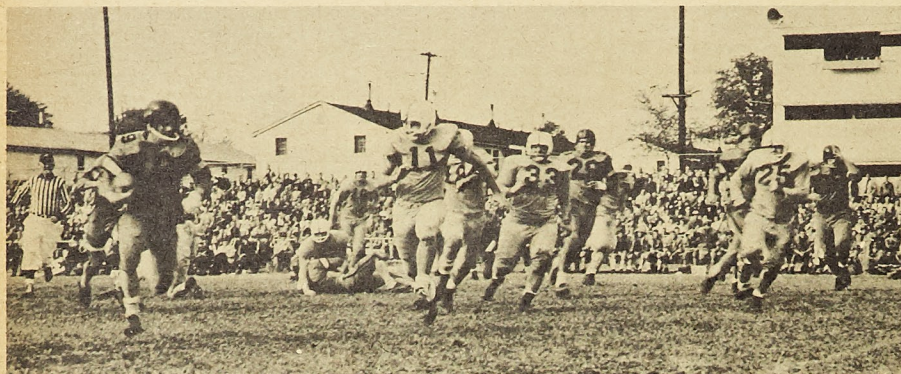
Rugged Individualism, if you have two cows that have gone dry, you sell them to another rugged individualist at twice their value... and then cuss the government because you have to pay a tax on the profit.

Marxism, if you have two cows, you are a capitalist.

Capitalism, if you have two cows, you sell one and buy a bull.



Miners Victorious; Move Into 2nd Place



Pat O'Mealy (No. 19) travels around end for another first down in last Saturday's game against Maryville. Bob Ingram (No. 36) and Lou Meisenheimer (No. 29) are pictured running interception.

Miners and Bears Tangle Tomorrow in Final Game of '58

by J. P. McKeone

Tomorrow, the Miners will close their 1958 Football Season with an attempt to disrupt the Southwest Missouri State Bears' Homecoming plans. The MSM-Men have a good chance to close out their season with a 4-1 record by beating Springfield, but it should be no easy task, as this year's Bears are essentially the same team as the last one, in which Springfield ranked very high in the Missouri Intercollegiate Athletic Association, though the Miners trumped them by a fair margin.

The top man on Springfield Coach Aldo Sebben's squad is Pete Bybel, a fast, powerful left halfback who has been the workhorse for SMS on the Gridiron in previous games this year. Their entire backfield are well rated by the other coaches in the league, but Bybel has been called one of the best backs in the conference.

The Bears' record now stands at 2 won, 2 lost, as they fell under the heels of both Cape and Kirksville, but they trounced Maryville and Warrensburg. There is no trophy at stake tomorrow, just the traditional rivalry for the Olde Powder Keg, and the difference between a good season and a bad one for Springfield.

Should the Miners beat the Bears tomorrow, they will have an undisputed second place in MIAA play, and if, by some odd quirk of fate, Warrensburg beats Cape, we would be tied with Cape for first, so the Miners will be in there fighting to do their bit in this mad circle. The Bears, as are the Miners, are essentially a ground team, making most of their yardage by rushing, but, when SMS takes to the air, they always do well, possibly from the element of surprise involved.

In the words of head Coach Gale Bullman, the Springfield game "is always a tough one," and that it should be. The Miners have shown so far this season

(Continued on page 5)



by K. T. Buck

In keeping with the spirit of the weekend, that of fun and frolic for all, the Miners put on a fine game of football for the entertainment of all the returning alumni.

To make any Homecoming weekend a success probably two things are necessary: 1.) a spirit of renewed friendship and old memories and 2.) the witnessing of your Alma Mater's football team as they literally romp helter-skelter over the opposing team. This was the situation at the MSM Homecoming last Saturday, our Miners topped off the occasion with a smashing 20-7 victory over the Maryville Bearcats.



Triangle's undefeated record led them to the football championship with a total of 850 intramural points. Their victory was marked by a consecutive display of skill and cunning. Triangle was followed by Tech Club with 750 points, Sigma Nu with 700, Lambda Chi, 675, Kappa Sig, 637.5, Sig Ep, 638.5, TKE with 487.5, Engine Club, 487.5, Delta Sig, 412.5, Kappa Alpha, 412.5, Theta Kap, 412.5, Beta Sig, 412.5, Shamrock, 312.5, Pi KA, 312.5, Sig Pi, 312.5, Acacia, 312.5, Sigma Tau Gamma, 185, Prospectors, 185, Theta Xi, 185,

Looking to the Kirksville vs. Cape Girardeau game at Kirksville the Cape squad handed out a powerful 48-12 defeat to the hard fighting Kirksville eleven. This upset victory squelched all chances for a piece of the conference championship to land at MSM.

Springfield handed Warrensburg a 19-12 defeat last Saturday.

Tomorrow the games on tap will be MSM at Springfield for the SMS Homecoming, Kirksville vs. Maryville, and Cape Girardeau at Warrensburg to finish the last round of conference play.

B.S.U., 185, and the Dorm with 185.

On the tennis courts, Don Gunther of Theta Kap won the singles, seconded by Rich Stahlschmidt of Sigma Phi Epsilon. In the finals Gunther lost to Stahlschmidt for his first defeat, but followed it up with a victory over the same opponent to secure the tennis championship. This victory gave Theta Kap 137.5 points and second place, topped only by Lambda Chi with 150 points.

They were followed by Kappa Sig with 125, Sigma Nu with 112.5, Sig Ep, 100, Shamrock, 87.5, Tech Club, 80, Acacia, 70, Pi KA with 50, Triangle, 45, Prospectors, 40, Beta Sig, 35, Sig Pi, 30, B. S. U., 25, TKE, 20, Delta Sig, 10, Sig Tau Gamma, 10, Theta Xi, 10, Dorm, 1.25, Engine Club, 1.25, and Kappa Alpha with .50.

The table tennis tournament was marked by a furious battle for first place. In the end, however, Tech Club and Lambda Xi

Maryville Scores in Last 2 Seconds as MSM Wins

by Tom Dunn

A homecoming crowd of some 5,000 watched the Miners take their third league victory to put them exclusively in second place with a 3-1 league record. Cape with a 4-0 record, is in first place.

The Miners were easy winners in the homecoming game as "Dub" Wheeler completed 9 passes in 16 attempts for two touchdowns and a gain of 130 yards. The game played last Saturday found the Miners much the better of the two teams as they gained an early 20-0 lead. Maryville spoiled MSM's hope for a shutout as they scored a touchdown in the last two seconds of the game.

Ray Parker and Pat O'Mealy scored all of the Miners' points. O'Mealy scored seven points; six on a touchdown pass from Wheeler and he kicked a PAT. Parker scored 13 points on two touchdowns and a PAT.

Parker scoring 13 points, raised his career average to 135 points and broke a school record for total career points, previously held by Gene Huffman '48-'51. 126 points. Tom Cooper, gaining 207 yards, set another school record for the most yards gained by a player in one season, 1366. The previous record was held by Huffman, 1224. Wheeler also continued to set records in the passing department as he completed 9 passes. He now holds the record for most tries (129), completions (74), and total yards (924).

The game opened with the Maryville Bulldogs kicking off. The Miners received the kick on their own 20 yard line and Newton Wells returned it to the 41 before being stopped by Maryville. The first quarter continued with neither team being able to penetrate the opposition's territory. But with the beginning of the second quarter the see-saw battle ended as the Miners took over and scored in the first four minutes of the quarter on a Wheeler to O'Mealy pass. Parker converted and the score was 7-0.

Being unable to advance, the Bulldogs quickly gave the ball back to Rolla, who then climaxed an eight play, three minute 20 second drive with the second touchdown of the quarter. It came on

shared the honor with 287.5 points apiece. Following was Theta Kap with 250, Kappa Sigma with 225, Pi KA, 200, Kappa Alpha, 175, Sigma Nu, 133.3, Engine Club, 133.3, Sig Ep, 133.3, Dorm with 90, Sig Pi, 80, Beta Sig, 70, B. S. U., 55, Acacia, 55, Triangle, 40, Sigma Tau Gamma, 16.25, Prospectors, 16.25, Theta Xi, 16.25, TKE, 16.25, Shamrock, .50, and Delta Sig with .50.

On Friday, October 31, the annual cross-country race was

(Continued on Page 5)

a seven yard Wheeler to Parker pass. Parker's extra point try was blocked. The Miners' line continued to hold as the Bulldogs were able to gain only two first downs as opposed to 17 by the Miners in the first half. At the end of the half the score was 13-0 in favor of the Miners.

With resumption of play, the third quarter went much the same as Maryville was unable to penetrate our line and was forced to give the Miners the ball. MSM was quick to take advantage as they scored early in the third quarter on a line plunge by Parker. O'Mealy made the PAT and the Miners took an impressive lead of 20-0.

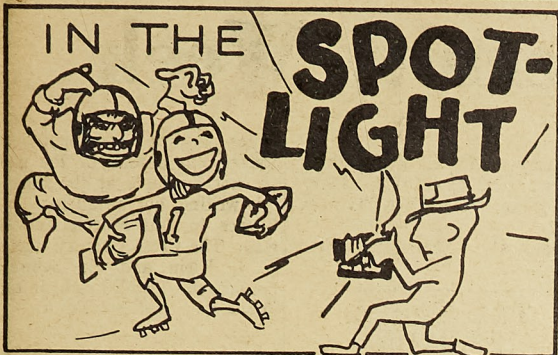
The game settled down to a slow see-saw battle once again as neither team threatened until late in the fourth quarter. With three minutes and two seconds left in the game Maryville took over possession of the ball on their own 11 yard line as the Miners failed to make enough yardage for a first down. The tension grew high while the time was running short and the Bulldogs were closing in on the Rolla goal line with the aid of a 32 yard pass interference play. With 10 inches and seven seconds to go Maryville sent Alfred Kyle through the middle of the line to gain nine inches. Now with only two seconds and one inch to go the Bulldogs sent Kyle around right end to score. Jack Taylor converted to bring the final score to 20-7.

This victory for the Miners brings their season overall record to 4-4. Since the Washington University game the Miner's line has been doing an excellent job of holding the line on the offense and breaking through on the defense. It's easily seen in Saturday's contest how effective the line was; Maryville gained 296 yards for the game while Rolla was able to gain 574. MSM got 27 first downs to 13 for Maryville, and the Miners were only thrown for a loss of 24 yards while Maryville was thrown for 38.

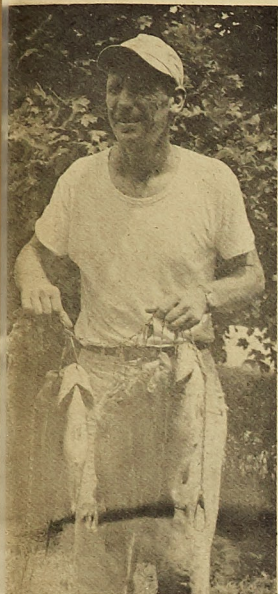
Not to be overlooked is Tom Cooper, now rated number nine in the nation as a pass receiver. During the second quarter he made a spectacular shoestring catch of a pass that enabled the Miners to continue a drive which later resulted in a touchdown. Wheeler is fourth in the nation with 74 completed passes.

With the playing of tomorrow's game at Springfield's homecoming the season will end. Let's all be there and support the Miners in their rubber game of the season. With a win tomorrow, we retain the keg, we end up with a 5-4 overall record, and a certain second place with a possible chance to tie Cape for first place should they lose.

See you tomorrow and let's see MSM beat SMS.



by Tom Dunn



Burr Van Nostrand

Assisting Coach Bullman in football is Head Swimming Coach Burr Van Nostrand. Coming here in 1953 to replace the late Chester Barnard, Burr has been coaching the swimming and football teams at MSM for six years. Previous to this time Burr has had seven years of coaching experience, five of which were spent as Athletic Director of Rolla High School.

Burr, a six foot, 175 pound native of Ohio, attended Ohio University during 1938, his freshman year, and finished his B.S. degree in Physical Education at SMS in 1942. While in college Burr participated in football, baseball and wrestling. In thinking back over his years as guard at Springfield and his army team, two events stand out in Burr's memory; the first being in 1940 when SMS attained an 18 game winning streak, and the other occurring immediately after the second World War when he played for the armed forces all star football team. After the War, Burr came back and

started coaching at Cabool High School in Cabool, Missouri. Gaining two years experience at Cabool Burr moved to Rolla High as Athletic Director in 1948. While coaching at Rolla Burr worked on his M.S. in Physical Education and was awarded the degree by Missouri in 1952. In 1953 Burr quit his position at Rolla High and came here to coach. Since coming here Burr has coached the ends on the football team. Reminiscing Burr finds that the most exciting game he has ever coached occurred last year when we played his Alma Mater. The Miners won on a fourth quarter field goal which broke a 0-0 deadlock.

A family man, Burr is also a member of many civic and educational organizations, among them are the Rotary Club, Methodist Church, and Phi Delta Kappa (an honorary educational organization).

His wife is engaged in teaching English at Rolla High School and his seven year old daughter is attending second grade in the Rolla Elementary School. Aside from teaching, his wife is a member of PEO, Junior Club, and the Teachers Association.

As head swimming coach Burr has been extremely successful having an overall record for the past six years of 38 wins and 12 losses. With the route of graduation taking a heavy toll of last years team, Burr will start building an almost entirely new squad. This year's schedule has eleven meets on it and will prove to be one of the toughest seasons MSM has ever had to swim.

In 1956 Burr planned and ran

a track meet at Fort Wood for the Army. The entire Fifth Army participated in the meet with soldiers from all over the nation attending.

This year Burr has eight physical education classes and helps out with the intramural program.

For recreation Burr enjoys hunting and fishing. Each summer he takes a float on one of the many Missouri fishing streams. He is shown in the picture with a days catch from a canoe float he took last summer.

Intramurals

(Continued from Page 4)

held as scheduled, despite the cool and misty weather. The endurance and speed test was held on the rough and hilly golf course. The race commenced at 5 p. m. and the first man across the finish line was Hardy of Kappa Sigma, in just 8 minutes and 40 seconds. He was followed by Shaffer of Kappa Alpha and Aylward of Theta Kap. These rugged individuals put all they had into the race, as did the other runners, as shown by their complete exhaustion.

The team champion was Lambda Chi Alpha, with Gilbert and Homan doing the running. The team runner-up was Kappa Alpha through the efforts of Shaffer and Etnyre. The points scored by the teams are as follows: Lambda Chi Alpha, 300, Kappa Alpha, 275, Kappa Sig, 250, Dorm, 225, Delta Sig, 187.5, Theta Kap, 187.5, TKE, 160, Theta Xi, 140, Tech Club, 100, Sigma Nu, 90, Beta Sig, 80, Engine Club, 65, Sig Ep, 65, Sigma Tau Gamma,

Miners vs. Bears

(Continued from Page 4)

that they, too, are no easy team to beat, the tough center of the Miner line, consisting of Bob Ingram, Louis Meisenheimer, Mike Hillmeyer, Joe Gay and Charlie McCaw usually make sure nobody gets through the line that isn't supposed to, and the fast combination of Wheeler, Parker, Cooper and O'Mealy keep up their good backfield running and pass work, the Miners should put up enough fight to make the Bears wish they were in hibernation.

The Miners have had a good conference season so far this year, rolling over Warrensburg and Maryville, upsetting a powerful Kirksville team, and being stopped only by an extremely tough Cape Girardeau eleven. Though the MSM-Men will be playing at a slight disadvantage, that being on the Springfield home field, and at the Bears' Homecoming, will result in a tough game, but no doubt a good one.

PROBABLE STARTING

LINEUPS

MSM	position	SMS
Metcalf	LE	Holloway
Meisenheimer	LT	Dorian
Gay	LG	Phillips
Hillmeyer	C	Ballard
Ingram	RG	Atha
McCaw	RT	Miles
Booth	RE	Bargmann
Wheeler	QB	Carter
O'Mealy	LH	Bybel
Cooper	RH	Rule
Parker	FB	Jennings

50, Triangle, 40, Pi KA, 30, B. S. U., 20, Prospectors, 10, and Sig Pi with 5.

THEY SAID IT COULDN'T BE DONE-BUT TODAY'S L'M GIVES YOU-



They said it couldn't be done! Only a few years ago, the four-minute mile seemed unattainable. But on May 6, 1954, the barrier was shattered, and since then, the feat has been repeated again and again. Last summer five men bettered four minutes in one race!

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Highlights of the Fraternity Week

LAMBDA CHI ALPHA

Lost and Found: One mattress lost from top of automobile last Friday night. If this mattress had been lost from the top of Brother Place's car, there might have been some reason. He went for a drive with his sweet young thing and ran out of gas. Just how did you get back again Tom?

At Homecoming many alumni came back to the house. Harry Kluge, the first Lambda Chi on the MSM Campus, was here. Along with him, several other members with numbers below 100 were here. At the drop-in held Saturday evening several interesting developments happened, most of which were due to Brother Riddle's Deaconess girls.

Jumping to sports, the Lambda Chi's can boast of a first place standing in intramural sports. Brother Holman and Pledge Taylor got the first place for us in the cross-country run while our table tennis team had a first place tie.

Chico Baron, who wants his name in the Miner was disappointed last week when the Miner Staff didn't print the article. Chipper expresses his sympathy "BAREF." The girls of Linde were again disappointed as "Down the Drain Hank" Douglas again flopped as he didn't give his pin away.

SIGMA PI

Homecoming has come and gone leaving behind—one dirty fraternity house, forty tongues needing a shave, one slightly dizzy hi fi set, three thousand dirty glasses, one kitchen still on the crank used to invert it, one roof slightly ajar, four slightly bowed walls, and assorted aches and pains including sore stomach muscles from laughter and bloodshot eyes in quantity. Yes, walking death was prominent around Sigma Pi on Monday but a new high standard had been set for future parties, partially due to the efforts of some of our loyal alumni, who must not be as old as thought.

As everyone finds a clean sweatshirt to wear this month, after all night as well go all the way, the coming intramural basketball season becomes a favorite topic. Hopes and talent are plentiful, results are needed. The basketball team opens the season against Lambda Chi. The best of luck is wished.

DELTA SIGMA PHI

The song, "The Party's Over," just fits the Delta Sigs after last weekend. Every brother is sporting an air of both gladness and sadness; glad because all had such a great time at the Pledge Dance, and sad because it's all over now. In any case, Delta Sig owes a vote of thanks to the pledges, who made last weekend one we'll long remember. The theme, "Mardi Gras," befit the occasion perfectly.

A new policy was originated at Delta Sig last weekend, as we crowned a Delta Sig Dream Girl. The first honor was given to Kay Berry, date of our most honorable and exalted leader (lay it on thick, boy) Jim Weimholt. Her title was "The Girl We'd Most Like to Pledge." Promises, all we ever hear are promises.

To make the weekend complete, one can't forget the hayride, bet-

ter termed hayride, Friday night. The Delta Sigs braved the typical Rolla weather and all had a sopping wet time. Is this what they mean by "under the weather?"

THETA KAPPA PHI

You say your eyes are blood-shot and your stomach is tied in knots and your head feels like a balloon floating on your shoulders and you're tired because you didn't get any sleep and you flunked a quiz on Monday because of all this. Is that all that's bothering you friend. Then don't sweat it. You just had a great Homecoming party like we did. Alumni from all classes came back to their Alma Mater to renew old friendships and have a good time. Among the many alumni that returned to the "Cow Palace" were three of the original Merciers which was our local before we became Theta Kap.

Congratulations to Andy Aylward and Jim Klein who represented the house in the cross country race last Friday. They finished third and twenty-third respectively.

BETA SIGMA PSI

As classes ended Friday afternoon everyone put their books away and "really" began to celebrate Homecoming. Very little food was eaten at supper Friday as some of the members were "really" getting a bad case of butterflies at meeting their blind dates soon. By nine o'clock most of the dates were here along with quite a few alumni and the celebrations really began, not ending until Sunday evening when Ron officially closed the weekend by going to bed. A really good time was had by everyone, even Al until Billen started bird-dogging him.

The display committee, headed by Ray Popp, deserves a hearty thank you for the really great display.

THETA XI

This weekend the white shirts and social graces were brought out again. Without slide rules sweat shirts, and beards some TX's looked the fine gentlemen they are. The meals and afternoons at the house were very nicely carried out. The beautiful women certainly weren't scarce this weekend.

Congratulations are in order to our cross-country men, Joe Cietek and "Zuggles" Crane for their places and completion of the race. The pajama race was colorful and cold for the athletic pledges.

"Hink" wins the 5 bucks for wearing the "outfit" at the game Saturday.

KAPPA SIGMA

With another enjoyable weekend behind us, once again we find we must resume studying. But what a weekend it was! It was quite successful as far as all Kappa Sig's are concerned. Friday evening started off with a bang as Ray Oberkramer and Mike Hardy, our cross-country team finished third in the big race. Highlighting the event was our own Mike Hardy as he obtained a brilliant first place. Saturday afternoon our pledge class was out in full strength as its representative team took first in the annual pajama-relay race for the

second successive year. Three successive years retires the trophy. Good work fellows. Then came the event for which everyone had been waiting - the appearance of our annual Kappa Sig. "Homecoming Queen". She appeared to be quite popular with everyone at the football game. Congratulations Queenie.

SIGMA PHI EPSILON

Probably the biggest news of the week will stem from the Homecoming Party and not to be out done the members of Sig Eps have contributed their share. For the first time in two years Mike "Lover" Kearney is quiet. King Kearney just floats around the house viewing the world through rose-colored glasses. The reason? Nanc finally got his pin. To Nanc I can only say, "Congratulations for a job well done." To Mike, "Personally I like Dutch Masters." The King is dead, long live Mike Swoboda (our new hero.)

Maybe it took an M. E. to build the Homecoming Decoration but it took a E. E. (Jim Nolfo) to think of the idea. Anyway, thanks once again to Bob O'Hearne for the shaft and also a cheer to Corky Villegas for the Cat and Miner. Bob was hard to live with after the St. Pat's float last year but now, oh brother.

The cross country team ran, but for obvious reasons I am keeping their names anonymous. They put up a good try and there aren't any volunteers to replace them so maybe they can do better next year.

TRIANGLE

The girls have left and everything is just about back to normal. The party here at the "Rock House" was a huge success and many of the alumni were quite pleased to see the new trophy we recently won in football and last but not least that the highly controversial cannon has once again found its way back to the house.

Saturday, as the night proceeded a few of the guys and their dates decided to go party hopping. Although they were temporarily disheartened by their welcome (?) at the Mickey Mouse Club the gang proceeded on and really made a night of it.

On the intramural scene the "jocks from the rocks" are looking pretty good so far as they are preparing for the swimming and wrestling seasons. Also we would like to thank our footballers for a job well done.

ACACIA

Hello, kiddies! Here's this week's Mousekmessage from Acacia!

Well, the Homecoming Dance was flawlessly executed and every one had a great time. A hilarious skit was performed by John "Beast" Childress and "Lucky" Jim Chapple, who called themselves "The Outhouse Five Minus Three." They presented a ukelele duet, a la Homer and Jethro.

Several of the fellows had blind dates from Christian College of Columbia. The fellows presented the girls party favors, and it seems that by some Columbia custom they are now technically going steady. Hmmm.

There's gossip circulating that Moon was in the market for a car, and that Judy was in search of a

button.

Everyone in the house thinks Perry's gone "ape". Hey, Perry! Going up to Columbia this weekend?

Hey, Al! Beware Red Phantom No. 2.

TAU KAPPA EPSILON

The party's over, its time to call it a day. The girls have all gone home, and everybody has many pleasant memories to call on come blacker days, since the party Saturday night, with the help of many returning Alumni. was one of the best in our history of fine parties. Many old friendships renewed and many new ones formed as the alums got a good look, many of them for the first time since graduation, at how our chapter is now being run, and what kind of fellas are now in it. I believe that they were pleased on both counts.

Last Monday, the TEKE Basketball squad opened their 1958

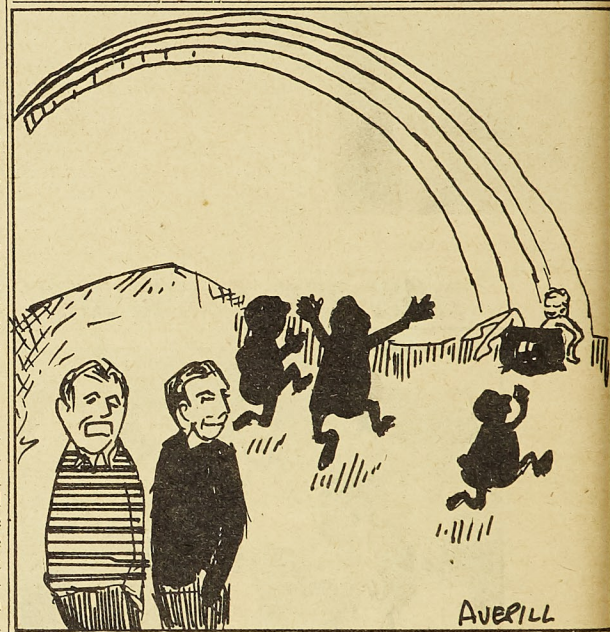
season against The Sigma Nu Snakes, the results of the game are not available at the time of this writing, but we all have confidence in Jim Marble and the team. The Cross Country duet of J. J. Klein and Ed Schwarze brought the TEKES eight in rank in the race held last Friday.

PI KAPPA ALPHA

Seems as all the Pikers survived the Homecoming Weekend. Everyone had a very enjoyable time. It was nice to greet so many of the alumni and hear the tales of the Old Corps.

Congratulations to Joe and Jean Collins and Frank and Joyce Houska on the birth of their future Pikers.

"Grade Points in the Civil Department?" is the comment of M.E.'s Art and Bill as they leave Wilbur's Fluid Mech Quiz. They ought to try his bridge class. Do you think they could make it, John?



"Those Acacians . . . always chasing Rainbows" . . .

Alumni of Kappa Alpha Honored at Homecoming

This year, as in the past, the visiting alumni of Kappa Alpha were honored at a banquet held Friday night at Malo's. The bill of fare, including shrimp or chicken, domestic Chianti, and strawberry shortcake, was almost as impressive as the after-dinner speeches. The post-cuisine fare was moderated by Mr. Gerald King ('51) whose collection of risqué stories is limited only by time.

The principal speaker was Mr. Ken Hanson ('36), president of the alumni association. Mr. Hanson spoke on the theme, "Engineering is More Than Technical Knowledge." Mr. Hanson contends that there are many responsibilities confronting an engineer, meaning those to his family, his society, and himself.

It was evident that many of our distinguished brothers from years gone by, learned at least one joke calculated to bring a faint maidenly blush to the cheeks of even the most hardened date present. Introductions were the cue to recite these jests during which much ado was made about the plans for the new house.

Then the house-lights dimmed, the tables were shoved back, the Chamber Music Society of West Side Rolla took their places and Bacchus and Aphrodite ruled the remainder of the evening.

The chapter was complimented upon both the pledge class of this fall and upon being the recipient of "Best K.A. chapter in Missouri." The chapter accepted the latter compliment.

GENE'S BARBER SHOP
WAS LOCATED AT 1005 PINE
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Campus News

Dorm Flashes

Flash - A new organization has been added to our campus this year, the MRHA, o. Men's Residence Hall Association. The purpose of this organization is to make the commonly known "dorms" a better place to live. MRHA is divided into ten sections, two each from Farrar, Al- man, and McAnerney, and four from Kelly Hall. Each house or section has its own officers; president, vice-president, judicial judge, social director, treasurer, athletic chairman, and secretary. Each president represents his house in the "board of governors" which works along with the P. A's (personnel assistants) to improve dormitory life.

The unifying of the dorms brings the residents combined representation in dorm affairs as well as in intramural sports.

Through the power of MRHA we are getting telephones on all floors of Farrar and McAnerney, and bulletin boards have been in- stalled on each floor of every dorm. Many thanks are to be given to Larry Ferguson, who led this improvement campaign. We are also going to buy a television set to be put in the lounge of Alt- man Hall. A food committee has also been established.

Independent News

Goodbye alumni, goodbye girls and hello another month of empti- ness. Yes, it's back to the grind for all of us after a wild and wool- ey Homecoming weekend.

Many of our fellow clubbers were at the very successful Home- coming Dance with mighty in- teresting species of the opposite sex.

Among them were Monsieurs Roger Meadows, John Miller and "Mort" who all escorted three gorgeous dolls. Hey, John and "Mort", how were the eggs. Ho Ho. Yours truly dished out the refreshments at the dance and I only got a chance to look. What I saw in the order of females will never leave my mind.

We would like to pat our busi- ness manager Larry Ziegler on the back for a nice job in chang- ing our menu around. Nice Job Larry. Oh yes. Jim Staley has started his long trips to St. Louis with his newly purchased buggy to see Lois. (Hmmm).

Well, I'll knock off the bull and say that it was a great weekend so prepare for the next one. Good luck to you all on your Mid Sem- ester exams, and Bud don't think too much about that blonde in Marion, Ill.

University Dames

The November meeting of the University Dames will be the 13th of this month in Parker Hall Au- ditorium at 8:00 p.m. The pro- gram will be presented by Mrs. Michael of the Michael Millinery Shop. It will consist of a demon- stration on hat making and a show of winter fashions.

It was requested at the October meeting that all donations of food, canned goods, money and clothing for the Thanksgiving baskets be brought to the November meeting.

"This is the last meeting that fall semester dues may be paid. If they are not paid you will not be eligible to participate in an interest group or to receive a P.H.T. degree for those "Dames" whose husbands graduate in Jan- uary," stated President Betty Steele. Dues are \$1.00 per semes- ter.

Marge Gordon Co-chairman of the program committee announc- ed that the fall party will be No- vember 15th at 8:30 p.m. in the Auditorium of St. Patrick's School. A band has been hired and refreshments will be served. "We're hoping for a lot of the "Dames" and their husbands to be there and have a fine time," Marge said.

Tau Beta Pi

Missouri Beta, MSM's chapter of Tau Beta Pi, national engi- neering honor society, recently held a smoker after which thirty- eight men were elected into the fall semester pledge class.

They are: Thomas Baldwin, Richard Basinger, Frank Baum, Lawrence Boston, Charles Cass- meyer, Albert Cawns, John Don- aldson, Thomas Garlich, Richard Grinker, Gary Gunn, Carl Hens- lee, Vaughn Hopkins, Orville Hunter, Robert Kelley, Jerry Kendrick, Ralph Kennedy, Wil- liam Kruger, Ronald James, Paul Jordan, Neal Lawson, Kenneth Lindsey, Thomas Meyer, Donald Mueller, Leander Neumeier, Ron- nie Northcutt, Donulus Padberg, Gary Patterson, John Poppitz, Dale Randels, Louis Repho, Lynn Rockwell, Edwin Schmitt, Gerald Selle, Richard Slusher, Anthony Stienman, John Talia- ferro, Newton Wells, and Kenneth Wood.

Tau Beta Pi chooses its mem- bers scholastically from the up- per one-eighth of the junior class and the upper one-fifth of the senior class. These men must also meet the other requirements of character, practicality, leadership and social adaptability.

Pi Tau Sigma

The 38th Annual National Con- vention of Pi Tau Sigma was held in Detroit with the University of Detroit as host. The convention started Sunday, October 26, with registration at the Pick-Fort Shelby Hotel.

The official opening of the con- vention was given by Father Stiner, president of the Univer- sity of Detroit. The business meeting was called to order by the president of Pi Tau Sigma, Professor Leonard of Oklahoma A and M College. The meeting was started with roll call of all chapters, showing nearly 70 col- leges present at the convention.

Monday afternoon the conven- tion members toured the General Motors Technical Center. The evening banquet was sponsored by General Motors with Charles A. Chayne, vice president of the En- gineering Staff, speaking with a question period following.

Monday evening project re- ports were given. Tuesday morn- ing Ford Motor Company served as host of an inspection tour of Ford's steel mills, assembly lines, and facilities.

The final business meeting was conducted Tuesday afternoon which included election of two members for the Council of Pi Tau Sigma. Relected for another three year term was J. W. Bunt- ing as vice president from the Central Section. George B. Thom was elected to fill the vacancy of M. G. Goglia who was retiring after two terms of service as vice president from the Eastern Section.

Goglia, now teaching at Notre Dame after nearly ten years at Georgia Tech, received special recognition for his outstanding service during his terms in office.

Shamrock Club

Boy, was this weekend a blast! It seems that girls still look the same as most Miners remember them. Doing their part to bright- en up the scenery were Larry Strobel, Ken Strum, and Tom Reinhardt who were among those importing girls for the weekend.

Due to the rain on Halloween, a Shamrock Club plan to do a public service and dynamite Nor- wood Hall (Physics Department) was thwarted.

If your plaster starts cracking and falling, the cause could be Paul Kohlberg. Paul a "Hi-Fi bug" recently added a 12 watt amplifier to his speaker.

We close today with the story of the daring young lady who went to a night club where polka- dot dresses were required, but hers was checked.

Tech Club

Man, did you see all the women that were here last week-end? They were life-size, three-dimen- sional, and even walked and talk- ed. Too bad they don't come a- round more often. After all, who wants to study? Now that I have

you in a suspended state of imagi- nation, I will remind you that next week is mid.

Many congratulations are due at this time. First of all, congratu- lations to coach Ray Mattingly and his superb football team which was second only to Tri- angle in a hard fought duel. Also to Ken Schmidt and Barry Wil- liams for their fine representa- tion of the Tech Club in tennis singles we extend our thanks.

The Tech Club is indeed proud of its table tennis players who came through with flying colors and won a tie for the champion- ship. Wally Rienhart got a tie for fourth in singles while Ron Carver and Al Palacios won the doubles division. For those of you unable to get to the cross coun- try race, Jerry Scoggins and Twy- man Grant each ran a fine race last Friday. But because of sev- eral other good runners in the race they took a team place of ninth.

ASME

It has often been said that a Mechanical Engineer is a well- rounded individual and therefore takes an active interest in the de- velopments of fields other than

his own. This was dramatically demonstrated when the second meeting of the ASME drew a near-record turnout to hear Mr. R. M. Lehman from Bell Tele- phone talk on, "The Application of Microwaves to Telephone Transmission." Mr. Lehman brought with him a large amount of equipment with which he demon- strated numerous microwave phenomena.

President Sid Green opened the meeting at 7:00 p. m. in the Min- ing Building lecture hall. At the start of the meeting door prizes, donated by Rolla merchants were awarded. Afterwards the group adjourned to the ME lab for re- freshments.

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**Personal Interviews
ON CAMPUS**

**Monday and Tuesday
November 10, 11**

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Mr. F. J. Van Antwerpen To Speak to AIChE

Mr. Franklin J. Van Antwerpen, Executive Secretary of the American Institute of Chemical Engineers will be the guest of and principal speaker for the MSM Student Chapter of the American Institute of Chemical Engineers at its regular meeting November 12, 1958, 7:00 p.m., in Room 107 of the Mining Building.

Mr. Van Antwerpen received his training in chemical engineering from Newark College of Engineering and Columbia University and has been active in the chemical engineering and chemistry fields since 1935. He was associated with laboratory, research, and executive positions in the chemical industry before entering the field of chemical publications. He served as associate editor and later managing editor of *Industrial and Engineering Chemistry* from 1938 to 1946. From 1946 to 1954 he was editor and business manager of *Chemical Engineering Progress*. Mr. Van Antwerpen was appointed Executive Secretary of AIChE in 1955.

Mr. Van Antwerpen is the co-author of a historical volume, *High Lights of the First Fifty Years of the American Institute of Chemical Engineers*, which



Franklin J. Van Antwerpen

commemorates the fiftieth anniversary of the AIChE.

Mr. Van Antwerpen is actively engaged in committee work with the Engineers Council for Professional Development, Atomic Energy Commission, and the Society for Engineering Education, as well as, being in intimate contact with the chemical engineering profession. He will bring to the student members a well informed view point of the trends in the profession and in chemical engineering education.

Anyone interested in Mr. Van Antwerpen's address is cordially invited to attend the meeting.

Student Government for You, the MSM Student

WHY A STUDENT COUNCIL?

Since entering college this is a question probably everyone of us has asked himself at some time or another, I must admit that I, too, have asked this question of both myself and of others who have been in college a few years and are considered to know the ways of campus life.

The purpose of this article will be to answer those questions that are most asked and to give a little explanation of the things that the council is doing and the things that have been accomplished by us in the past.

The object of the Student Council is to represent the student body in its relations with the faculty and the administrative officers of the school, and to correlate and regulate student activities.

The membership is composed of one representative from each social fraternity and an equal number from the various independent organizations. New members may be brought into the council by a three-fourths vote of the active members.

It is the duty of the council to protect the customs and traditions of the school and to foster and promote such student activities that will intensify school spirits and bring honor to the school.

The Student Council has the power to impose penalties upon

students who commit minor infractions of school rules, or refer major action, such as probation or expulsion, to the faculty. If a man is to face the faculty committee, said man may ask the council president to appoint two members of the council to serve as representatives for the offender at the meeting of the faculty disciplinary committee. These representatives have the right to plead the case, but will not have the right to vote. Every man should use this right, thereby helping himself and the remainder of the student body, for, by having members of the council representing him, he is showing everyone that the students themselves do wish to make this a better school, through cooperation and help.

The student council conducts pep rallies for the purpose of fostering and promoting school spirit, and to keep the students informed on topics of particular interest to them. Any organizations wishing to present a mass meeting of the student body may do so with the cooperation of the council which will call the meeting if the reasons seem justifiable to the majority of the council members.

It shall be the duty of the Student Council to recommend the faculty member appointees and to appoint student members to the

General Lectures Committee, Miner-Rollamo Board of Control, St. Pat's Board of Control, and to any other boards or committees which the Student Council may institute at a future time for the regulation of campus activities in the interest of the student body.

The Student Council is the main source of funds for many of the campus organizations and projects that are of benefit to the student. These may be grouped as follows: school improvements, general lectures, constitution, and budgets. The following are some of the proposals that have been presented and completed by the council in the past years: school improvements, bleachers for the intramural field, lighting for the intramural field, diploma size increased, honor keys, insurance policy, science fair awards, lights for tennis courts, weights in gym, and Student Council Holiday.

General Lectures: Stan Kenton, Duke Ellington, Louis Armstrong, DeCastro Sisters, Jail House Five. Approved Constitutions of: Alpha Sigma Mu, Kappa Kappa Psi, Acacia, Stamp Club, and Baptist Student Union. Supplied the budgets for: Glee Club,

MSM-ROTC Band, and many other worthwhile projects that are too numerous to mention.

The meetings of the Student Council are held on the second

and fourth Tuesdays of the month and any student has the right to attend and join in the debate. It is the wish of the Council to extend to YOU this invitation

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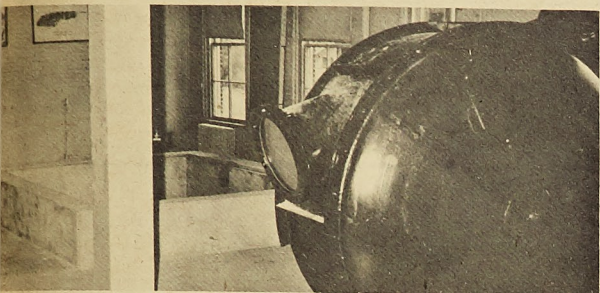
Earl L. Jones — Harry W. Allen

MINER FEATURE

(Continued from Page 3)

pose of this machine is to determine the effect of Geological structures on mine openings.

Models of the mine openings



MINE OPENING CENTRIFUGAL TESTER

are inserted into the centrifuge and the pressure of the above ground is determined by centrifugal force. The machine determines the safe dimensions of a mine opening before the construction is actually begun. The rotor of the centrifuge is seven feet in diameter. The weight of the rotor and the specimen will be between 1600-1800 lbs. Maximum rotation is 1500 rpm. The

rotor is also enclosed in an evacuated tank to enable it to function in a vacuum. The entire rotating structure will be below ground level for safety purposes. Strain gauges will be mounted on models to determine stresses on various points during rotation.

This new method of testing the strength of mine openings is just another example of MSM's constant expansion. We hope that

The Annual Alumni Banquet was held in the new school Cafeteria at 7 o'clock on Saturday evening. Mr. Barney Nuell of the class of '21 was the master-of-ceremonies for the short talks during the banquet. Dean Wilson spoke informally after the meal. A record turnout of 250 alumni were present at the banquet. Guests at the Banquet were President Elmer Ellis of the University of Missouri, and Mr. Randall Kitt, a member of the board for the Missouri School of Mines Executive Committee. All present were quite impressed with the new cafeteria facilities.

In closing it might be safely said that this Homecoming of 1958 was the finest homecoming in the history of our school. It has shown graphically that we have a wonderful group of alumni to be proud of, and a tradition of fame and success to follow.

Gov. Blair at MSM

(Continued from Page 1)

Randall Kitt, chairman of the Executive Committee of the Board of Curators, were among

the distinguished guests. Ten members of the Board of Directors of the Alumni Association were also present. Dean Curtis L. Wilson presented the members of the faculty to the members of the Association and guests.

It was reported at the meeting that the greatest number of contributions, 2135, in the history of the Association were made this year. Next year's goal, according to F. C. "Ike" Edwards, Executive Secretary of the organization, is 2500 contributions. Six freshmen or sophomore scholarships will be awarded again next year from this fund.

Three new alumni sections have been started in Pittsburgh, Pa., New Orleans, La. and Tulsa, Okla., due to the rapid increase of MSM alumni in these areas.

Four area directors were elected at the Association meeting, three of which have served before. J. Walter Wallace '48, was selected to serve again in Area 4, C. C. Palmer '40, Area 5, and Ken Anderson '42, Area 7. The Area 9 post will be filled by William Fletcher '34.

If wives knew what stenographers think of their husbands, they wouldn't worry.

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Homecoming

(Continued from Page 1)

the Alumni Association. Two of our school's most famous and active alumni were honored during this Convocation. They were Dr. C. J. Potter—Class of '29 and Mr. Milo BeDell of the class of '23. The winners of the Alumni Association Scholarships for the 1958-59 academic year were then presented. The recipients of these scholarships were Gerald Brunkhart, Emil Coffey, Gerald Mismmer, Darrell Hillis, and Donald Greer. Then after a brief summary of the activities of the past year and the introduction of the four new directors the Convocation was adjourned.

Four class reunions were held Saturday after the Convocation. The Class of '23 and the Class of '38 held luncheons at the Colonial Village. Malo's Restaurant was host to the Class of '28, and the Pine Room was the site for the reunion of the Class of '33. All four reunions were quite successful and well attended.

Saturday afternoon most of the alumni enjoyed the Homecoming football game, which pitted our Miners against the Bearcats from Maryville, Missouri. The alumni seemed to particularly enjoy the spontaneous halftime pagentry which is becoming typical to our homecomings. The Kappa Sig homecoming "queen," the pajama clad rebels of Kappa Alpha, and School of Mines Marching Band, under the ample directorship of J. W. Robbins, contributed a colorful and entertaining halftime.

(Continued, Column 3)

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Hagan personnel officer will be interviewing on the date shown below. See your placement officer for interview time.

Monday, November 17

SIGMA XI

(Continued from Page 1)

California at Berkeley in Physics. He has divided his research efforts between weapons tests and fundamental particle research since receiving his doctorate. In particular, the speaker participated in the K meson studies with the Berkeley bevatron and was responsible for planning and carrying out the first completely underground nuclear explosion, the Ranier test in Operation Plumbob.

He will be accompanied in his trip to Rolla by Dr. Gerald W. Johnson, Test Division Leader, who will present a paper on Thursday, Nov. 13, at the Fourth Annual Symposium in Mining Research.

Asphalt Conference

(Continued from Page 1)

6th and 7th of November will be made, however, there is no registration fee nor is there any assessment for the social hour or banquet to be held on the evening of the 6th. Reservation slips may be obtained by writing the Missouri Bituminous Contractors Association, 411 Central Trust Building, Jefferson City, Missouri, or E. W. Carlton, P. E., chairman, Department of Civil Engineering, Missouri School of Mines, Rolla, Mo.

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MOVIES ON WIDE SCREEN

Friday and Saturday, Nov. 7-8

Saturday continuous from 1 p. m.

'The Brothers Karamazov'

Yul Brynner and Maria Schell

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'The Hard Man'

Guy Madison and Valerie French

Sunday, Monday and Tuesday, November 9-10-11

Sunday Continuous from 1 p. m.

'Taza, Son of Cochise'

Rock Hudson and Barbara Rush

— PLUS —

'The Revenge Of Frankenstein'

Peter Cushing, Francis Mathews

Wednesday-Thursday, Nov. 12-13

'Death in Small Doses'

Peter Graves and Mala Powers

— PLUS —

'Jeanne Eagels'

Kim Novak and Jeff Chandler

The sponsors of this Conference have made every effort to develop an interesting and informative program and are looking forward to a large attendance. The subject matter is timely and the presentations will be far above average; consequently, everyone interested in any phase of bituminous concrete construction is urged to attend.

Alumni Repay Scholarships

Alumni who have received donations and awards in the past are

more and more returning these awards to the School to be used for making new awards to present-day students. The funds are being returned in appreciation for what the awards did for the recipients when they were in school.

The latest to join this group is Winston C. Moss, 840 20th Street, Hermosa Beach, California. Winston received the Lucy Wortham James Scholarship of \$200 when he was in school and has recently returned to the school his check for \$300 saying "\$200 won't buy what it did in 1946-47—actually, will \$300 now buy what \$200

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"Twas a cold winter's evening,"

The day after Homecoming

"The girls were all leaving,"

Pat and Bob were glad, too

"The pledges were closing the

bar,"

It was dry anyway

"When a young lady dapper"

All the girls like her

did?" Dean Wilson states that

this amount has been added to the

amount made available by the

James Foundation for similar a-

wards at the Christmas Convoca-

tion this December.

"Stepped out of the phone booth"

Censors, you know

"And these are the words that she

said"

Between sobs

"My mother never told me"

When she was sober

"The things a young girls should

know"

Better than to do

"About the ways of college men"

And their means too

"And how they come and go"

Why did mine have to go to

his aunt's funeral on such

short notice?

Oh well, you win some and you

lose some.

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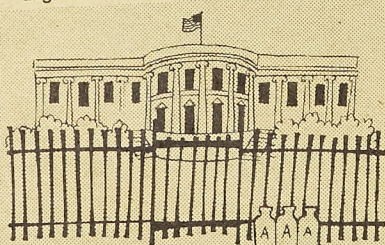
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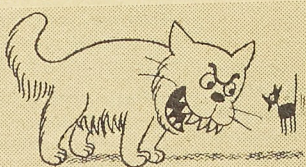
THINKLISH

English: **DOG'S JACKET**

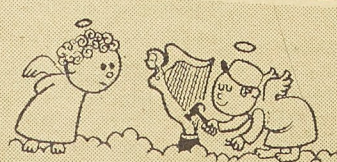
AUDRE VARGOSKO, GEORGE WASHINGTON U.

Thinklish: **ROVERCOAT**English: **THE WHITE HOUSE**

JAMES PERRY, MARIETTA

Thinklish: **PRESIDENCE**English: **SHARP-TOOTHED HOUSE CAT**Thinklish: **FANGORA**

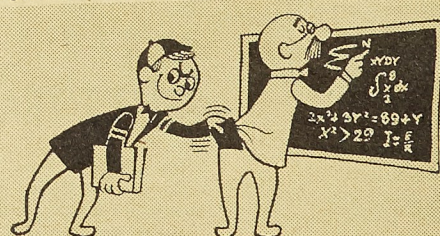
RODNEY COLE, KANSAS STATE COLL.

English: **MUSICAL-INSTRUMENT MAKER**Thinklish: **HARPENTER**

RONALD AMALONG, PITT.

English: MUSICAL COMEDY ABOUT A LUCKY SMOKER

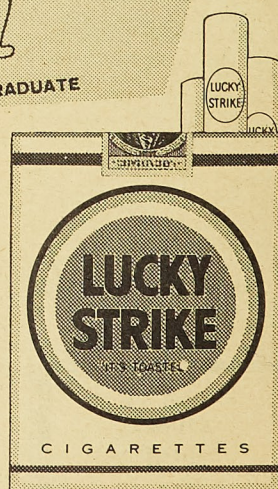
Thinklish translation: Kudos to the new hit *Smoklahoma!* Plot: boy meets cigarette, boy likes cigarette. Lucky Strike was convincing as the cigarette, displaying honest good taste from beginning to end. The end? We'll tell you this much: it's glowing.

English: **LIGHT-FINGERED FRESHMAN**Thinklish: **PLUNDERGRADUATE**

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dents and \$1.00 for Even though performers achieve show-business, that can excite an over a two-decade Jimmy Dorsey wer personalities. Together own individual o delighted audiences coast with their gr united a few year tively new genera known of "The

4th An

The University School of Mines and the United ment of the Inter Mines are again symposium on Mi This year marks t that the symposium The sessions or search will comm morning of Novem adjourn at noon or The program fo tum is as follows: