



14 Oct 1949

## The Missouri Miner, October 14, 1949

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# THE MISSOURI MINER

Missouri School of  Mines & Metallurgy

VOLUME 36

ROLLA, MO., FRIDAY, OCT. 14, 1949

NUMBER 4

## Miners Stun Bearcats, Ready For Mules

### MSM Leads Research In Process For Electro Carbonization of Coal

#### MINING DEPARTMENT PROJECT AIDED BY SINCLAIR OIL CO.

A revolutionary discovery that could mean the replacement of most of the half million miners in the United States was announced today by the Missouri School of Mines.

The school announced the perfection of a method to derive the heat and energy from the coal without mining or exposing the mineral to the surface. Underground electro-carbonization is employed in the process.

Mining experts said that, if the discovery is profitable on a commercial basis, the gasoline to power cars and heat homes could well be obtained from coal that still remains in the ground.

Commercial adaption, they said, would not only greatly decrease the cost of coal and its by products, but would open up vast new supplies which for various reasons are unusable.

In field tests, holes were drilled into the coal seams below the surface. Iron pipes were inserted to serve as electrodes along with a set of pipes connected with electrodes to carry the gas generated by electrolysis to the surface.

Dean Wilson said successful tests have been made to utilize coal without mining it, for the manufacture of gas, gasoline and coal-tar medicines.

In operation, the high voltage sent through the electrodes heats the coal which soon begins to give off the oil-saturated gas. By use of a cooling tower and flow meter carbonization is induced, and the gas stored in surface tanks is rich in oil which has a heat value generally exceeding 500 BTU's.

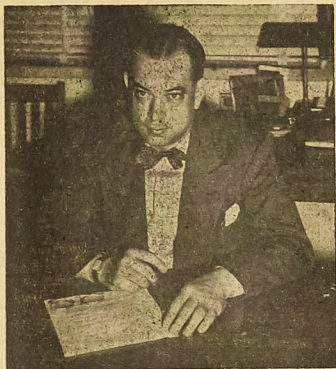
#### CERAMISTS TO HAVE PARENTS DAY EXHIBIT

The Department of Ceramic Engineering has several projects under way for Parents Day. One will be the application of an enamel decoration to a glass ash tray by the silk screen process. The school seal with the words "Ceramic Engineering" encircling it will be applied to ash trays in red enamel. The decorated ash trays will then be carried through an infra-red drier on a continuous belt. The ash trays will be given to the guests as souvenirs. The silk screen process is used to decorate glasses, soda bottles, milk bottles, etc. The department also hopes to give a demonstration of casting ceramic ware. General whiteware shapes will be cast.

The laboratory equipment such as the X-ray, the photospectrometer, and the furnaces will be designated by placards. There will be a display of ceramic products on the first floor. The display will include structural products, refractories, whitewares, and other articles manufactured by the silicate industries.

Bill Rous and Bill Wilkins, and others deserve a pat on the back for the work they have done in making this exhibit possible.

Tax Man—"Mrs. Miller, what's your husband's average income?" Mrs. Joe—"Oh, about one o'clock in the morning."



Dr. J. D. Forrester, head of the Mining Department of the School of Mines, who recently made the announcement of the new process of utilizing the energy from coal discovered by his department.

#### DR. GRAWE, STUDENT'S PAL - ILL. EXPLORER

Dr. O. R. Grawe and Mr. M. P. Nackowski of the Geology Department are the authors of an article in the September 30 issue of "Science" in which they report the discovery of the barium carbonate mineral witherite and the strontium carbonate mineral strontianite associated with the fluorite of southern Illinois.

These minerals are known from only a few localities in the United States. The witherite is the finest specimen material which has become available in recent years and probably the finest crystalline material ever found in the United States. Specimens 5 x 7 inches currently are selling at \$17.50 each.

Although the identification of the witherite was really the result of Dr. Grawe's scientific curiosity, the discovery had its commercial aspect in that it solved an ore dressing problem. The fluorite in southern Illinois is associated with barite, calcite, chalcopryrite, galena, greenockite, quartz, sphalerite as well as with the newly discovered minerals witherite and strontianite. Ore dressing methods had been yielding an acceptable concentrate of fluorspar until a new stone in which the witherite occurred was opened. The barium content of the concentrate was found to rise sharply when the mill feed was taken from the new stone. At the mill it was thought that something had gone wrong with the concentration process. After Dr. Grawe reported the presence of the witherite to the management, the mystery of the sudden increase in barium content of the fluorspar concentrate was solved.

The minerals which form the basis of the report came from the Minerva Oil Company Mine No. 1, about five miles north of Cave-in-Rock, Illinois. The mine is operated by Mr. J. H. Steinmesch and his son-in-law, Mr. Gil Montgomery, both alumni of M.S.M. Mr. Steinmesch formerly was Professor of Mining at M.S.M.

Mr. Nackowski has studied the mineralization at the Minerva property in detail and has incorporated his studies in a Master's thesis. The results of this study will be published later.

She is the kind of girl who likes to whisper sweet nothing doings in your ear.

#### ALPHA CHI SIGMA TO BE HOST TO CHAPTERS FROM MIDWEST SUNDAY

The MSM chapter of Alpha Chi Sigma will be hosts at a mid-west conclave Sunday here in Rolla. Registration for the event will be in the new chem building at 12th and Main at 11 a. m.

The conclave will then move to Dr. Schrenk's home at 111 S. Olive St. There a picnic luncheon will be served at one in the afternoon. Doc Schrenk's lawn should be filled to overflowing because among the invited are the St. Louis Professional Chapter of the Washington U. collegiate chapter and also the collegiate chapters from Kansas U. and Missouri U. at Columbia.

All members of the fraternity who have not already contacted E. C. Briedert please do so before Sunday. His address is 104 E. 10th St. Be sure and be there so that collegiate chapters can upset the "professionals" in the annual game of softball. True, we haven't had a victory against the "old pros" for a long time but if there are enough of us maybe we can beat them this year. Anyway win or lose you are guaranteed a good time, so BE THERE. Remember, registration at 11 a. m. at the new chem building and lunch at 1 P. M. at Doc Schrenk's home at 111 Olive Street.

#### INDEPENDENTS PLAN NOV. 4TH HAYRIDE

Three student council alternates were elected by the Independents Monday night. Two sophomore alternates, Clarence Richey and Richard Corrigan, plus one junior alternate, Joe Dryden, were elected. These jobs will be held for the rest of the present school year.

Jim O'Conner was elected to the St. Pat's board for the coming spring semester.

As the weather will soon turn cold and a lot of money has been paid in dues, it is no wonder that the Independents are planning a hay ride. The hayride will probably be November 4 to help entertain the large amount of girls expected in town at this time. A committee volunteered to work out the plans of the hay ride. The details of the event will be announced on posters.

#### Theta Tau Banquet To Hear Prominent Social Scientist

The Theta Tau Engineering fraternity has announced that Professor Harold W. Saunders of Iowa State University will be the speaker at the first of this year's Theta Tau Talks this Sunday, October 16th. Professor Saunders' talk, to be given at the seven PM banquet in the Edwin Long Hotel, will be about an engineer's view and use of sociology. His title will be "Social Science and Human Engineering". Theta Tau has made the talk and dinner on a non-profit basis, requiring that which will cover the cost of the tickets be only that amount banquet. The public is invited, and tickets may be obtained from Theta Tau members at one dollar.

Dr. Saunders is Chairman of the Department of Sociology at Iowa State University, and is recognized as a leading social scientist. He is the co-author of several books concerning world economic problems.

In his speech, Dr. Saunders will point out some of the kinds of things that engineers need to know in order to meet intelligently some of the social situations now confronting our profession. Sociology has a great deal to do with human engineering—and this is what Dr. Saunders will clarify. He will explain the current trend in colleges of engineering towards more background work in the social sciences. His talk will be for engineers, about engineers, but will concern a subject which too many engineers know little about.

Theta Tau is proud to introduce Dr. Saunders to Rolla and the School of Mines, and extends a cordial invitation to all for this Sunday evening.

#### VERNON SCHMIDT ELECTED PRESIDENT OF INTERFAITH COUNCIL

The first official meeting of the Interfaith Council for this semester was held Thursday evening, October 6, 1949. During the course of the meeting an election of officers was held with the following men being elected to leadership: President, Vernon Schmidt, Methodist representing the Wesley Foundation; Vice-President, Lawrence Spanier, Jewish representing AEPI; Secretary, David James, Episcopalian representing the Canterbury Club; Treasurer, Adelbert Elridge, Lutheran representing Gamma Delta.

The Interfaith Council has the aim of helping to bring about a better understanding of religion among the various faiths. Representation in the Council consists of two representatives from each student religious organization on the campus.

Following the election of officers, various activities were discussed with particular attention being given to Religious Emphasis Week. Plans for this week were discussed in detail and will be announced in the near future.

NEWSPAPER SLIP—"Mrs. . . . well known clubwoman, spent the day decently in town."

#### Cavalcade of Oil

The Geology Department is pleased to announce that for Parents Day is has secured from the Carter Oil Company, Tulsa, Oklahoma, a large photographic exhibit entitled, "Cavalcade of Oil." This exhibit will be set up in one of the laboratories of the Geology Department. Undoubtedly, every student interested in petroleum will wish to visit this exhibit.

#### ASME PRES. DELIVERS INSPIRING LECTURE

The ASME should have made a recording of the speech given by James M. Todd last Friday evening. If that were the case, students who have six tests coming up in three days could listen to it and be inspired. The only thing wrong with that idea is that Phi Kappa Phi would be flooded with new candidates.

We don't want to sound overly flattering, but Mr. Todd was GOOD. He spoke in a soft, friendly Southern voice that held the audience from beginning to end. In general, the content of his address was a pep-talk on the opportunities and responsibilities of the engineering profession. He put special emphasis on the idea that young engineers should look for jobs they actually enjoy rather than those which offer only security. As national President of ASME, Mr. Todd is an expert on his subject, and as a speaker he rates tops also. His Southern humor, especially, was appreciated by everyone.

James Mulherrin Todd was born in St. Mary Parish, Louisiana, May 25, 1896. Twenty-two years later, in 1918, he graduated from Tulane as an engineer and a Tau Beta Pi. He became an officer in the U. S. Engineer corps and served during the War. He began his private practice as a consulting Mechanical and Electrical engineer in 1928. At present, he is also a Vice-President and member of the Board of Directors of Jefferson Lake Sulphur Co.

In 1922, he joined ASME, became Manager in 1933, Vice Pres. in 1936, and President in 1949. He was elected a Fellow in 1944. In the meantime Mr. Todd organized student branches of ASME at Tulane and Louisiana Tech sections of AIEE.

State U. as well as the New Orleans. During the recent War, Mr. Todd handled mechanical and electrical engineering problems at airfields and shipyards and other important work for the Armed Services.

The ASME, according to Mr. Todd, is one of the most influential groups in industry. There are about 30,000 regular members and 21,000 student members in 124 student branches in the United States and Canada.

John N. Govatos Tomorrow, the Missouri School of Mines will hold its tenth Parents' Day observance. Originally, Parents' Day began as Dad's Day but the many, many mothers of the students protested; consequently, the affair became known as Parents' Day. An estimated one thousand parents are expected to attend.

On Saturday morning, the parents will be shown through the laboratories and classrooms of all departments under the supervision of student guides. That afternoon the parents will have

### Whitney and Huffman Star In Spectacular Upset

Last Friday night the Miners scored what may be termed by some quarters a spectacular upset—by others merely the expected result, as they smashed the Northwest Missouri State Teachers College 41-13 at Maryville. Whatever the victory is termed one fact stands out undeniably clear to all who saw the game; the Miners are Championship bound.

After the first five minutes of the second quarter there was no doubt what the final outcome would be. True, the Bearcats never did give up entirely, but the edge was taken off their game, they didn't have the sharpness that featured their play of the first quarter, and the fact that they used the same team, with two exceptions, for both offensive and defensive work didn't give the boys from up North much chance to rest against the onslaught of the Miner forward wall.

#### MR. IRVIN MATTICK ENTHRALLS AIEE-IRE WITH PHONE LECTURE

The joint AIEE and IRE started the semester off with a flourish last Thursday evening with the election of officers and a very interesting talk by Mr. Irvin Mattick of the Bell Telephone Company.

Edsel Day is the Chairman of the joint AIEE and IRE for the coming year. His fellow officers are: Bob Strain, Vice Chairman; Bob Porter, Corresponding Secretary for AIEE; Ted Tubielewicz, Corresponding Secretary for IRE; and Wally Salomo, Treasurer.

Mr. Mattick, with his talk on Midgets of Telephone Science and Service, was the most outstanding speaker to appear before an EE group in the past few years. Not once did he lose the attention of the 250 people in the audience. Speaking in a non-technical manner, Mr. Mattick besides talking about the telephone system, discussed and demonstrated a thermometer, a transistor, a .002 hp. motor, the piezoelectric effect, and the co-axial cable.

The thermometer is a tin tube which with the aid of an optical system can detect the heat of a man's blood a quarter of a mile away. The transistor, a tube about the size of a .22 caliber shell, consists only of a plate and two electrodes not in a vacuum and which in time will replace the conventional vacuum tubes in electronic circuits.

Of all the demonstrations given by Mr. Mattick, that of the piezoelectric effect was the most interesting. By striking with a hammer a crystal wired in series with a neon light, Mr. Mattick was able to make the neon tube glow. The blow of the hammer set up oscillations in the crystal which in turn produced an alternating voltage between the surfaces of the crystal.

The Bell System handles an

(Continued on Page 4)

### Tenth Parents Day Program Features Tour of Campus, Game, and Banquet

an opportunity to see the Miner football team in action against the Warrensburg Mules.

Approximately five hundred persons are expected to attend the Parents' Day banquet to be held in Jackling gymnasium on Saturday evening. Dean Wilson will preside as toastmaster and will introduce the speaker of the evening, Mr. Milton Melcher, the M. S. M. Glee Club under the direction of Mr. John M. Brewer will sing a few choral selections.

The program and entertainment for Parents' Day is being directed by Professor E. W. Carlton.

The Miners won the toss and elected to receive. Al Wormsley a backfield man who was shifted to a guard slot this year, drove the kick-off deep into Rolla territory. Dick Whitney, brilliant Miner right half-back, took the ball on his own five yard line, then stepping in behind his interference, moved to his own 26 yard stripe. Art Schmidt, quarterbacking this year's Varsity, called two plays into the line, and managed to pick up five yards. An incomplete pass left the Miners with fourth down and five yards to go on their own thirty-one yard line. Jim Tschannen came into the ball game and got the Miners out of the hole with a thirty-five yard boot, to the Bearcat thirty-five. It was run back ten yards, to the forty-five, by the Maryville safety man, and at this point the defensive team of the Miners got into the ball game.

Maryville Scores On the very first play Gerry Wilson, 210 pound Miner right guard, fell on a 'Cat fumble and gave the Miners an early break in the opposition's territory. The boys failed to take advantage of the opportunity offered them, however; two line stabs and another incomplete forward pass again failed to pick up the necessary yardage and Tschannen's second kick of the game put Maryville on their own twenty-five, first down and ten yards to go. With Beverage, Theiss, Wilson, and Anderson scooping up the power plays, Maryville gained two yards in two thrusts, then decided to kick on third down. Marvin Weed, Bearcat full-back, dropped back on his own twenty yard line and booted a towering punt to the Miner twenty, where it was taken by Gene Huffman. Huffman, faking a reverse, scampered to the Rolla thirty-four yard stripe before he was nailed. On the next play Huffman, cutting back in his own right tackle picked up the first first down of the game. On the next down, though, the Miners fumbled and set up the way for the first 'Cat score. In two plays the Bearcats drove from the Miner forty-eight to the thirty. Bill Richey, Maryville quarterback, called a pass play that was broken up by the Miner defense, then Pat Zuchowski, State's left half-back, bulldozed his way to the Rolla eighteen yard line in three plays. Once more Richey dropped back to pass, spotted his right end Joe Yurchak in the clear, in the flat, and snapped a bullet pass to him on the four yard line. Kurchak sidestepped a defensive back and went over standing up to put Maryville in the lead six to nothing. Marvin Weed's kick was good, making the score seven to nothing.

Huffman in Trouble Wormsley again kicked off for Maryville. The ball was taken by right end Gene Kennedy on

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## THE MISSOURI MINER



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## The Marriage Ring

by Elsie Farrow

It is a sad duty to report the sudden death of Mrs. Virginia Steckenrider, wife of Ray Neal Steckenrider, who died Sept. 20 of a cerebral hemorrhage at the home of her husband's mother in Chicago. She was 21 years old.

Ray Steckenrider was a graduate of the Electrical Engineering Department this past June and prior to that time he and his wife lived at 33 Green Acres, Rolla. Ray is employed in St. Louis. Besides her husband, Mrs. Steckenrider is survived by her parents, Mr. and Mrs. Orville Flowers of Christopher, Ill., two brothers and a sister. Our sincere sympathy to all her family and many friends.

## TEA SUCCESSFUL

It was a wonderful sunny afternoon Saturday for the student wives to don their party clothes and attend the University Dames tea given annually in the fall at the home of Mrs. Curtis L. Wilso, 506 W. 11th St., to welcome the new wives. And for the event more than 100 young women turned out to mark the occasion with success.

The guests were entertained in the living room, sun room and dining room which were appointed with chrysanthemums and other autumn flowers. The receiving line consisted of Mrs. Wilson, hostess, Mr. Harold Gifford, president of the Dames, and other officers. Mrs. Gilbert Crowell sang and Mrs. Joan Norwood served as her accompanist. Cake and tea were served.

Mr. and Mrs. Gene W. Warren had as week end visitors Mrs. Warren's parents, Mr. and Mrs. Ernest Gay of Springfield, Mo.

## CANASTA PARTY

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## DR. GRAWE STEPS OUT OF CHARACTER AT PICNIC AT MERAMEC SPRINGS

GRAWE THROWS PICNIC

Dr. O. R. Grawe, chairman of the Geology Dept., threw a picnic for the members of the Seminar class and their families last Saturday afternoon and evening at Meramec Springs. The weather broke perfect and the department turned out in force numbering some forty persons. The majority of the group arrived at the Springs around 3:30 PM where the rest of the daylight hours were consumed with soft ball, walking, and enjoying the clear cool air. An expedition left camp in search of spiders under the able leadership of Mrs. Harriet Frizzell and by dark had returned with quite a quantity of specimens.

By 5:30 everyone had arrived and the feast began which included hot dogs a la fireside, potato chips, baked beans, pickles, beer, soda, ice cream and coffee. After everyone had become settled the party livened up with singing by Al Petska and his harmony boys plus Harriet Frizzell. Questions like, "Mr. Johnson, do you eat all of those hot dogs your cooking?", from Joan Norwood and "More ice cream?", by Dr. Grawe will long be remembered by the group. Thanks again Doc, from the whole bunch.

"Beg pardon, but aren't you one of the students at the School of Mines?"

"No... I couldn't find my suspenders this morning, my razor blades were used up, and the bus just ran over my hat."

meta Fink, Miss Betty Boorman, Mr. Robert Carter, Mrs. Wayne Hart, Mrs. Don Telthorst, Mrs. Edward Harris, Mrs. John Ketz, Mrs. Joe Kallbrier, and Mrs. Ann Conn.

## GLEE CLUB ORGANIZED

Paul Mann, music instructor, will direct the University Dames Glee Club which will meet every Thursday night at 8 o'clock in Norwood Hall, Room 104. Mrs. Marie Crowell has been elected secretary and Mrs. Betty Catalina, treasurer. Mrs. Peggy Peppers will be piano accompanist. Those interested in joining this group are urged to attend the next meeting.

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## WATER RESOURCES IN MISSOURI TOPIC OF OCT. 5 ASCE MEETING

(A. N. Edgington)

Sixty - one hardy engineers braved the driving rain last Wednesday, October 5, to attend the second meeting of the Missouri School of Mines Student Chapter of A. S. C. E.

President Bob Schmidt, Treasurer Phil Averbach, Roy Scown and R. J. George were selected as Chapter Delegates to attend the Mid-Continent Conference of Students Chapters, A. S. C. E., which is to be held on November 10-12 at Lincoln, Nebraska. Joe Horsely was elected as Chapter representative to the Student Chapter of the Missouri Society of Professional Engineers, and will thus be a member of the directing committee of that society.

Mr. J. K. Searcy, Assistant District Engineer, Water Resources Branch of the United States Geological Survey then gave a most interesting talk on water resource investigations in Missouri.

He told of the need for extensive, comprehensive records of surface water supplies, ground water levels, and of their use in planning irrigation projects, hydro-electric power tribulation plans.

The Water Resources Branch is the agency whose job it is to collect the data and keep these records up to date, and Mr. Searcy outlined the methods used in compiling these on a statewide basis. The results are published in Yearly Water Tables.

At the end of his talk Mr. Searcy answered questions and displayed some of the meters, tables and charts used in these investigations.

Mr. Searcy is a graduate of Georgia Tech, and is currently engaged in working for his Master of Science Degree at M. S. M. Refreshments were served after the meeting.

The next meeting of the A. S. C. E. Student Chapter will be on Wednesday, October 19 and the speaker will be Mr. A. Carl Weber, Sales Engineer for Laclede Steel Co. of St. Louis. Mr. Weber is a very dynamic and entertaining speaker and all students are cordially invited to this meeting.

## MILITARY BALL PLANNED DATE SET FOR OCT. 22

The first all-school dance of the year will be the semi-formal Military Ball, an annual pageant to be held at Jackling Gym on Saturday evening, October 22nd. The date of the Ball marks a change, as the dance is usually in the spring of the year. Sponsor of the Military Ball is the Society of American Military Engineers, the organization of advanced course military students. The Society is presenting the Ball next week to the School of Mines with the expectation that the dance will exceed the beauty and success of the event in years past. At the present time a crew of ROTC men is working on a special bandstand patterned after a huge Army Engineers' castle.

Highlighting the formal occasion will be the commissioning of the Honorary Cadet Colonel, the Queen of the Ball. She will be chosen by members of SAME, and will be presented at the Ball. Last year's Queen, Miss Irene Matthews, will retire in favor of the new Cadet Colonel.

Posters advertising the Ball are to be seen throughout the town. The tickets are \$1.50 for a couple, and the dance is scheduled from nine PM to one AM Saturday night.

## DONALD HEATH RECEIVES CERAMIC HONOR AWARD

Dr. Paul G. Herold, Ceramic Department Chairman, has announced that Donald Heath has been selected as the recipient of the Ceramic Engineering Department Honor Junior Award for the Year 1949.

This is one of the two awards presented by Keramos Professional Fraternity; the other being a Senior Honor Award. To be eligible for the Junior Award, one must be an undergraduate student of Ceramic Engineering, and of Junior standing during the year.

In determining the award, a point system is used with points being awarded for scholarship, officerhip in organizations, and membership in campus organizations.

The award itself consists of \$15.00, an appropriately engrossed certificate, and a picture of Don to be placed in the foyer of the Experimental Station.

To anyone knowing Don Heath, it is not difficult to comprehend the selection, for Don is one of the most active and aggressive leaders that MSM has had on the campus.

## AICHE DISCUSSES REGIONAL MEETING, WELCOMES ALL CHEMS

One of the main orders of business last night was the regional meeting of A. I. Ch. E. which will be held at Lincoln, Nebraska this year around December some time on the campus of the University of Nebraska. The schools that will be represented at this meeting are Kansas U., Kansas State, Missouri U., Iowa, MSM, and U. of Nebraska.

R. H. Young and L. E. Dieckmann won prizes on papers based on work done in Chem 266 at the regional meeting last year. From all reports it looks like we may have some potential winners again this year from MSM. At least we hope so.

The film last night was just one of the many coming in the future and we cordially invite any chem student to drop around to the next meeting and look us over and our plans and programs for the year.

One student: "My girl's lipstick seems to have a better taste than other girls'." Friend: "Yest, doesn't it."

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## Miners Hope to Take Kick Out of Mules

**KWADAS TO START AT LH AGAINST WARRENSBURG**

Next Saturday the fifteenth the Miners, fresh from an overwhelming victory at Maryville, will take on Warrensburg for a crucial game to stay in the first division of the conference.

Last week Warrensburg met Cape Girardeau and Cape, the routed favorite took a 21-7 shellacking from the strongest team Warrensburg has had since conference play was resumed after the war.

If comparative scores mean anything Maryville beat Rockhurst 27-13 and Warrensburg beat them 37-6. Last week after a belated start M.S.M. beat Maryville 41-13 so that makes us look pretty good.

The Miners haven't been beaten by Warrensburg since the war but as I said before this is a strong team. They work out of a combination "T" formation which is a cross between a split "T" and a Chicago Bear style "T." This is equally effective as a pass and run formation. In a game between two so evenly matched teams the breaks count and one bad break is the loss of halfback Gene Huffman who broke his collarbone in Maryville last week, however, Joe Cole will in all probability be put back in the lineup.

The probable lineups:

<b>MSM</b>	<b>Wburg.</b>
LE Eckert	Thompson
LT Wine	Buxton
LG D. Romerman	Egburt
C Coolbaugh	Martin
RG Thurston	Paule
RT Shourd	Brightwell
RE Kennedy	Dorr
QB Schmidt	Hughes
LH Kwadas	Lightner
RH Whitney	Ward
FB Dowling	Webster

### NOTES ON GAME

by Dick Wilson

Gene Huffman's broken collar bone, suffered on the last play of the first half in last week's game at Maryville, isn't going to help the Miner cause the least bit his year. It remains to be seen to just what extent it will hurt us, but there isn't a team in the country, pro or college that wouldn't bemoan the loss of its leading ground gainer. In three games previous to the Bearcat game Gene had picked up 183 yards.

Art Schmidt revealed a hitherto unseen talent Friday night when he dropped back to pass in the second quarter and found himself trapped by the entire left side of the Maryville line. He side stepped three would be tacklers, cut to his right through the secondary and scooted for 45 yards before being stopped. Up until this little exhibition we thought we had a passer and three running backs in the backfield, but maybe we've got four runners, including a double threat man, eh?

Bill Wohler kicked two more extra points in the game before having one blocked on him. This gave him a string of eight straight, counting the Shurtliff game. His year's record now stands at 13 good boots out of 17 tries—a .765 average.

So far we've mentioned little else but offensive plays in the write-ups of these games, but perhaps some of you more observant fans have noticed that whenever the Miners lose the ball on downs, or for some other reason, there is a mass switching of players on the field. Numbers like 47, 33, 7, 40, 36, 23 and 25 come off the field, while 16, 13, 30, 45, 29, 26 and 19 take over for a while. The boys that play when the other side is carrying the leather are the "Down Under" guys, the fall guys, the ones that do the dirty work. The only chances that they have of getting in on any press notices are by making an interception or falling on a fumble, and even then the chances are pretty slim. But has anyone ever stopped to

**TKE DROPS THRILLER TO SNAKES IN NEAR UPSET**

Wednesday afternoon brought together a great Sigma Nu squad to face a determined TKE football team. There was a large crowd on hand to witness what was expected to be a routine victory for the Snake house. The expected victory came about but it was far from routine. The first half was marked by a 40-yd. runback of a punt by Sigma Nu's speedy Ted Reeves. Ted ran the ball down the sidelines and thanks to a few key blocks, carried over for a TD. Dowling converted to give the Snakes a 7-0 lead at the half. The Tkes offense was stymied by penalties when it appeared as though they had solved their opponents defense.

The second half found a rejuvenated TKE outfit open up with a smashing offense that twice carried them to within inches of the coveted pay dirt. With Charlie Harmon tossing and Dave Whitmer making almost impossible catches the Tkes carried to a first and goal. Then the Snakes attempted to pass out of their predicament and they fumbled, recovered, and were tagged for a safety and two points for TKE. The score ended 7-2 with the favored Sigma Nu on top, but only after a hard fought game and I might add one of the best games this season.

A sloppy field and wet ball didn't keep P. K. A. and Gamma Delta from eliminating the Engineers Club and Lambda Chi respectively. The Pikers, led by their all around athlete, Stan Doliecki, handed the Independents their second straight defeat, 7 to 0. Gamma Delta didn't encounter much resistance in Lambda Chi and walked off with a 13 to 0 win.

Thursday evening Theta Xi found the winning ways on the passing combination of Tone to Friedman. The only resistance Xi met was a muddy field in downing an undermanned Fritz of Theta Xi who suffered a eye injury when his glasses were broken.

On the same program, a fighting A. E. Pi team couldn't stand prosperity and lost to the Freshmen 9 to 6. A. E. Pi held the lead until the last few minutes when the ever pressing Frosh completed a long pass for a touchdown.

Triangle, who looks impressive at times, subdued the once powerful Kappa Sig team Friday night. Kurt Frank played a great defensive as well as offensive game for K. S. but his efforts were shaded by Pantaleo and Meskan of Triangle. Pantaleo ran back a punt 50 yards for a touchdown, to help the Triangle win 14 to 6.

Pi. K. A. played their second game in three days and found Gamma Delta easy prey as they wiled away with a 19 to 0 victory. Dolecki again led the Pikers with his long passes for touchdowns.

Monday night K. A., with their tricky backfield shift, eliminated Wesley Foundation 6 to 0, while Theta Xi won on a forfeit from the Frosh.

think that if those fellows didn't hold the other color's score down our ball carriers would have one heck of a time trying to outscore them. It's the men with the bruised elbows and scraped noses that win ball games just as much as those with the low cut shoes.

This week's roses and gold football go to Frank Ricci, who made the longest single run of the season when he ran a 'Cat punt back 97 yards to score. Two pass interceptions were made by the Miners the other night—and both by defensive centers. Blanche grabbed one on the MSM 15 in the second quarter and then Roger Schoepel snatched another in the last quarter, setting up the fifth Miner score of the night.

PAGE 3

THE MISSOURI MINER

FRIDAY, OCT. 14, 1949

## Around the MIAA

by A. Greenberg

Form took a beating in last week's MIAA games, as 2 favorites, Cape Girardeau and Maryville took severe jolts in their respective championship quests. The Cape Indians suffered a 21-7 defeat dished out by the Warrensburg Mules, while the Maryville Bearcats took it on the chin 41-13 as the Miners delivered the knockout punch. The only favorite to win was the Springfield squad which blasted the lowly Kirksville Bulldogs 33-12.

The Miners displayed some of their most spirited play in several seasons in overwhelming Maryville. After trailing 13-0, they came back to literally sweep the Bearcats off the field. If the type of team play exhibited by the Miners in this contest is continued in the future, MSM opponents will be in for a rough time. Of course, the Miners will be hampered to some degree thru the loss of shift Gene Huffman, who bids fair to be one of the greatest backs ever to tote a pigskin for MSM. Incidentally, Maryville also suffered a loss in the Miner game thru the injury of Marvin Weed, all-conference fullback last season.

The Cape Indians found the going too rough in their clash with Warrensburg. The statistics of the game slightly favored

Cape, but the Indians were unable to capitalize on their scoring opportunities. The showing of the Mules definitely establishes them as darkhorses in the league race.

The pattern of the Springfield-Kirksville game was similar to the Miner-Bearcat tussle. Kirksville took a quick lead on an intercepted pass run back and then capitalized on another break to lead 12-0. However, the Bears were not to be denied in this first test in defense of their MIAA title as they roared back to take an easy 33-12 victory.

At this writing, the Miners and Springfield have slipped into the favorite's roles in the MIAA, because of their impressive showings last week. Games this weekend should give further indication of the strength of these 2 teams. The possible outcomes of games this week-end are Miners 20-Warrensburg 7, Springfield 13, and Cape 27-Kirksville 1. The key game this week will be the Springfield-Maryville engagement. The Bearcats have to win this game to keep in contention, while a Bear victory would strengthen their championship hopes. The Miners and Cape shouldn't have too much trouble in winning their contests.

### MEET THE COACH



The above picture is that of our new head Basketball Coach and assistant Football coach. Ben Douglas came to MSM to fill the vacancy left by Dwight Hafeli who left the coach ranks to set in business here in Rolla. Coach Douglas has had an interesting career since he earned his BA from Grinnell College in Iowa. He graduated in 1931 and during his stay there Ben had a major role in the schools athletic success. He lettered in three major sports: Football, Basketball, and Track. Douglas was All-Conference in both Football and Basketball with the latter honor bestowed twice. Our new Coach mentor took his first coaching job in 1931 at Greenfield H.S. He showed a great deal of promise and a year later he was grabbed up by Cornell College of Iowa where he whipped the basketball and pigskin teams into shape.

**Douglas Plays Pro Football**

In 1933 Ben Douglas took a crack at Professional Football. He played left-half for the Brooklyn Football Dodgers. His heart was in the coaching field, however, and the following season Ben accepted an offer to coach Football and Basketball at Maplewood H.S. In his six years

there he compiled an impressive record and was ready to advance into Collegiate ranks. Nineteen forty became a banner year for Ben as he was approached by his alma-matre. He accepted the position and in 1941 Douglas led the Grinnell Hoopsters to the Mid-West Conference crown.

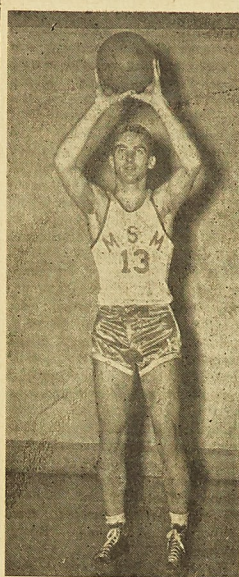
The war years broke up his career, but in 1945 he returned to his job and continued to produce good teams.

Coach Douglas moved westward in 1947 and coached football at Colorado College. At the close of the gridiron season he was offered a position with the Lannon Manufacturing Co., makers of sporting equipment. He went out to the west coast to try his hand at making that million we all talk about. Unfortunately for him, but lucky for us his efforts fell short. Last spring

Ben Douglas accepted an offer as Head Basketball coach here at MSM. He reported for work late this summer and is now on his way to what we hope will be a long and fruitful career at the Missouri School of Mines. We welcome you and your family, Coach, and we wish you all the luck in the world.

## Maryville Drops Top Rating As MSM Growls at Bearcats

**HUFFMAN INJURED**



The Miners brought home an important victory last week, but in so doing they suffered a great loss. Gene Huffman, the team's leading ground gainer, was injured. With but 30 seconds remaining in the first half Gene took a handoff and carried to the line of scrimmage. He was hit hard as was expected since Maryville was determined to gain possession of the ball. Huffman held the ball, but when the players were removed from the pile-up Gene lay there in pain. The half was over and the Miners held their lead, but it was all over for Gene. He suffered a broken collar bone.

The doctor expects Gene to be in shape for the basketball season, however, so things aren't as bad as they may seem. Coach Bullman intends to use Ed Kwadas at Left-Half on offense and Frank Ricci as safety on defense.

### CROSS COUNTRY TEAM AT WASH. U. TOMORROW

Five of the six men who will represent the Miners in a cross country meet with Washington U. tomorrow were decided in "time trials" last Wednesday. Don Smith came in first over the three mile course in a fine time of 15:22 minutes. John Bender, freshman runner, came in second with a time of 16:17 minutes, and Bob Schafer was third with a 16:44 minute time. Others qualifying were Shanafelt and Allison. Ray Magg qualified but will be gone and unable to compete. Either Bill Rehm, Dick Mallon, Gus Steffan, or Maurice Benoit will run in the sixth position, to be decided in a time trial before the meet.

The team is shaping up very fast, considerably better than last year. Smith turned in his usual speedy time, and Bender had an exceptionally strong finish, sprinting in for the last 100 yds. Come on, fellows, let's capture this Washington meet.

Our idea of a plausible story is one that makes your wife sympathize with the poor girl who lost her compact in your automobile.

It was June in the park. The moon shone on the bench nestled among the rose bushes. The fragrance of the flowers filled the air. Music drifted across the small lake from the casino. On the bench sat a couple entwined in a tight embrace. "Lester," she sighed, "where did you learn to kiss like that?" Lester: "Siphoning gas."

The clerk in the bookstore was trying to reassure the doubtful lady about a recent novel. "It's not dirty, madam. It's just earthy, which is a very different thing, you know."

**Bullman's Charges Come to Life**

**WHITNEY RUNS WILD IN HARD FOUGHT CONTEST**

Continued From Page 1)

his own twenty-five yard line before he was ganged up by practically the whole Maryville squad. Two line plays by Whitney and Don Dowling moved the leather up to about the forty yard line, and then Art Schmidt called a quarter back sneak to pick up the necessary yard for another first down. At this point a five yard offside penalty set the Miners back, but only temporarily. An incomplete pass left them in the same place. On the next play Dick Whitney gave another exhibition of his ability as a broken field runner when he cut inside his own left end, and behind some of the best blocking this side of the Big Ten conference sliced and cut his way to the Maryville thirty yard line. Gene Huffman, trying to find a hole in the right side of the Bearcat line was trapped, and in trying to find his way out of this predicament lost thirty yards. Bad luck continued to plague Gene as his long pass, on the next play, was intercepted by Norman James on the Maryville thirty-eight and run back twenty-seven yards. Four smash-es into the line netted a first down for Maryville as the first quarter ended.

On the first play of the second quarter Marvin Weed tossed a twenty yard aerial to Richey in the secondary and he went over from the ten without having a hand laid on him. That was the last time the Bearcats scored and when Weed's try-for point was missed, the score stood at thirteen-nothing.

**Schmidt Runs Ball**

This was the turning point of the ball game. The Miners suddenly began to click. Nothing could stop them. Taking the kickoff up to their own twenty, the Miners began their touchdown march. On the second play Schmidt flipped a short pass to Don Dowling, standing on his left end. Dowling whirled, crossed the flat in front of the line of scrimmage and, behind some more of that blocking that has paved the way to several Miner scores, raced down the west side line to score. This eighty-five yard run was nullified, though, by a clipping penalty on the fifty. This failed to daunt the boys, though, and two plays later Schmidt again faded to pass. The whole left side of the Maryville line got in on him, so he merely sidestepped them and scooted for forty yards right down the middle. An off-tackle stab by Whitney, and a line plunge by Bill Wohler put the ball on the Maryville sixteen. From here Huffman sliced off his own left tackle and side-stepping two halfbacks who tried to stop him, headed for pay dirt. Bill Wohler's kick was good and the Miners were right back in the ball game.

**Miners Take Lead**

Moving the kick-off to their own thirty-five yard line, Maryville opened with a barrage of passes, only to have them broken up by a Miner defense that was playing magnificent ball. On the fourth down the Bearcats elected to kick, only to have it blocked. The Miners took over on the 'Cat thirty-five. A plunge by Dowling moved the pigskin to the twenty-eight. Again it was Art Schmidt to Dick Whitney on the one yard line that set up the next Rolla score. From the one Dowling plunged over his own right to score, but he fumbled in the end zone. Dick Thurston fell on the ball for the Miners, though, and the score was tied. This tie was broken seconds later when Wohler's kick split the uprights.

Wohler's kick-off boomed into the end-zone and had to be brought out to the twenty before play was resumed. Four plays into that tight Miner line and

Maryville was forced to kick. Huffman, again exhibiting some of the flashiness that has marked his play this season ran the punt back sixty-two yards. Dick Whitney then stepped into the picture again to reel off thirty-three yard jaunt that was good for six more points. Wohler's kick was blocked this time, but the Miners led at the half, twenty-thirteen.

**Bearcats Fail**

During the third period an enraged Bearcat football squad fought gamely to pull the game out of the fire, but to no avail. The Miner workhorses, the boys who don't get any of the glory of scoring, but who keep the opposition's score low enough to enable the offensive team to outscore them, held the Cat's back; Morris and Duerr on the ends, Beverage and Theiss at the tackles, Wilson and Anderson at the guards, turned back every play that the Maryville squad offered. Blanche and Wohler knocked down the passes in the secondary, as the Bearcats failed to make a threat.

Following Whitney's run-back of a Maryville punt to the Maryville twenty-five, Schmidt again hit Whitney with that deadly flat pass. Whitney shook off one man, slipped by another and was gone. Chalk up six more points for the Miners. Wohler's kick was again between the goal posts and the Miner lead was twenty-seven to thirteen.

Two plays after the kick-off Roger Schoepel, sophomore center, intercepted a Bearcat pass on the Maryville six yard line. A shovel pass, Schmidt to Kwadas moved the ball to the one. Don Dowling again did the honors, as he swept his own right end to score. The kick was good.

**Scores on Runback**

The last score of the ball game was a sensational ninety-seven yard run back of a Maryville punt by Frank Ricci, second string Q-B. He took the ball on his own three yard line and raced straight down the sideline to score. The last thirty yards he was chased by two of the fastest men in the conference—ten second men in the hundred yard dash, but with only thirty yard to go to score, he wasn't about to let them nail him. The extra point was again good.

And that, boys, was the ball game. This week the Miners tangled with Warrensburg, another reputable conference team, and if previous scores are any indication of future results, we'll pick the Miners to win by three touchdowns.

Bring on Warrensburg, Doc, then Cape, Springfield, and Kirksville. After that we'll take the Conference crown, if you please.

### EVANS KEEPS ROLLING IN TABLE TENNIS TOURNAMENT

Tom Evans, Kappa Sig's Englishman who can really put 'english' on a ping pong ball, continued his winning ways this last week as he beat the Tech Club and TKE. Jr.-Sr.'s whipped the KA's and Engineer's Club in the singles bracket, but the KA's won one singles match from Sig Ep, as did the Engineer's Club over Gamma Delta. Other singles victories included Jackling Terrace over the Lambda Chi's, Triangle over Tech Club, and TKP over Gamma Delta.

The doubles bracket saw the Jackling Terrace team score twin victories over Wesley and TKP, who had each won games with Pi KA and Jr.-Sr. respectively. Theta Xi also defeated the Pikers and the Tkes won from Lambda Chi and lost to Gamma Delta. The AEPi boys scored one victory over Triangle to round out the games played. The games are getting down to championship calibre now, with some really good matches being played.



## "Let's Face It, Jim"

The following series of letters was recently intercepted by our department of Censors.

Oct. 9, 1949

Dear Folks,

Next week I'm going on my senior trip. The long awaited senior trip. I remember how I used to envy the upper classmen when their turn came to leave Rolla for a peek at industry. Those were the days when I wondered if I would ever graduate. Now I am in a position to be envied by the Frosh who speak longingly of my status.

I had a choice of visiting Chicago or St. Louis, as arrangements were made for two groups. I chose the latter for many reasons. The prime and most important was the expense. The St. Louis trip will last only one week, while the journey to the windy city will take twice that long. You know that an added week would double the cost. Then, of course, I've been told that the night life attractions in Chicago are irresistible and I wouldn't want to be tempted to spend your money for needless entertainment. I'll be more than happy to spend the nights in my hotel room catching up on my studies.

The Professor who will go along with us has estimated that we can get by on \$50 but suggested that we have at least \$75 for insurance. Like you say, Dad, never let yourself get caught short. I'd appreciate the check as soon as possible so I can make the necessary arrangements. Thanks.

I have to close now and do some studying.

Love,  
Jim

Oct. 9, 1949

Dean Jean,

Just a note to tell you how much I enjoyed your company this past week-end. You've been gone for only a few hours and yet it feels as though it has been an eternity since I last saw your lovely being. I want you to know that I'll miss you and I only hope I can endure my anxiety until we meet again.

Incidentally, I'm going on my senior trip next week. Fortunately for me, the trip is to St. Louis. I'll be here for a week and it will be a week of heavenly bliss if you will share my evenings with me.

I put away some of my summer earnings for this trip and I intend to really do thee town up right. I want you to be my guide, dreamboat, for a week that will be long remembered. I won't have the use of my car since we are compelled to make the trip by bus as a group. Do you think you can possibly use the family convertible? I hate to suggest this but I think you deserve every convenience possible.

Jean dear, I'll be in town next Monday and you can expect a call about 6:00 in the evening. Until then I'll think of you constantly and if it isn't too much trouble I wonder if you couldn't send me a picture of yourself to relieve the misery of my loneliness.

Your Jim

Oct. 9, 1949

Joe,

I'd like to thank you again, in writing, for the use of your new Nash this week-end. The blind date I had was duly impressed. Incidentally, she turned out to be a real terrific number. She must have been up front when they passed out feminine qualifications. The kid was all there. I expect to see her again next week when I go up to the big city on my senior trip. I hit the football card for \$75 last week and it couldn't have come at a

## Uptown Theatre

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John Wayne - Gail Russell  
"WAKE OF THE RED WITCH"

Sun.-Mon.-Tue. Oct. 16-17-18  
Sun. Continuous from 1 P. M.  
Bing Crosby - Barry Fitzgerald  
"TOP 'O THE MORNING"

Wednesday October 19  
Shows 7 and 9 P. M.  
Abbott and Costello in  
"HIT THE ICE"

better time. I was down to my last cigarette paper. The folks insisted on paying for the trip so the spare cash will be put to good use. I hope the daily tours don't interfere with my night like. I hate to have to miss any of them.

Thanks again for the car and all the conveniences were certainly convenient.

Jim

## CHI SIGMA GOES NAT'L IN THETA XI INITIATION

Chi Sigma, which was founded on this campus in the fall of 1946, was officially installed as the Alpha Psi chapter of Theta Xi Fraternity last week-end. The ceremonies were held in the Theta Xi chapter house at Washington University in St. Louis.

On Saturday evening we were socially welcomed into Theta Xi by a banquet at Clayton Medarts. Mr. Julius Oetting of the St. Louis Alumni Club held forth as toastmaster and introduced some very interesting and entertaining speakers. Dean Wilson, Dean Williams, and Dr. Conrad represented the Missouri School of Mines. Incidentally, Dr. Conrad of the Chemical Engineering Department will serve as our chapter advisor. Dean Fischer of Washington University spoke, as did Mr. William Oetting, President of the St. Louis Alumni Club, Bob Waites, President of the Washington University chapter, and Mr. Harold P. Davison, Executive Secretary of our National Headquarters. We were especially honored to hear Mr. L. C. Hauslein, National President of Theta Xi Fraternity, give a brilliant closing speech.

At this point, we wish to thank all the fraternities and organizations on campus for the co-operation and assistance we received as Chi Sigma. We hope our relations as Theta Xi will be as cordial.

## LAMBDA CHI ALPHA

While skeletons rattled on the walls, and large black cats leapt forth weird screams, while painted faces grinned, and Jack O'-Lanterns glowed eerily from the fireplace, happy couples danced and chatted to the accompaniment of soft music. The decorations of the Lambda Chi house last Saturday night were bewitching and a compliment is due Bill Sherburne and his crew on a mob well done. It is gratifying to the members to see a good showing of students all apparently enjoying themselves. We hope everyone had a fine time.

Congratulations to Charles Rice, Gardner, Ill. Charlie is the newest addition to our pledge class. Welcome and good luck.

It is no pleasure to tell everyone that three of our members have dropped out of school. Charlie Mahoney, our president, and Sam Culmo have announced that they are headed for Florida for awhile. They claim they need a rest. Jim Thompson has also been forced to drop out of school. Jim has returned to New York.

## Rollamo Theatre

Fri.-Sat. Oct. 14-15

2 Big Features  
Sat. Continuous from 1 P. M.  
Admission - 10¢ and 25¢  
Lon Chaney in  
"THE MUMMY'S TOMB"

Jimmy Wakely in  
"ACROSS THE RIO GRANDE"

Sunday Oct. 16  
Continuous from 1 P. M.  
John Beal - Martha Vickers  
"ALMONY"

Monday Oct. 17th

On The Stage  
— In Person —  
TEX RITTER and his  
"WESTERN FESTIVAL"

Warne Douglas - Audrey Long  
"POST OFFICE INVESTIGATOR"

Shows 4 - 7 and 9 P. M.  
Admission - 30¢ and 65¢  
Tue. - Wed. Oct. 18 - 19  
Weaver Brothers and Elvira  
"THE ARKANSAS JUDGE"

## Off the Campus KAPPA ALPHA

The KAlpha took on the appearance of a French fortress last Saturday evening as the Confederate Gentlemen donned berets and Parisian garb for their French Apache dance. The entire party was under the direction of the new KA pledge class fourteen strong. The decorations were suited for any dive on the Seine River, and were complete with colored lights, garbage cans at the rear entrance, and a sign, "Cage d' Paroe-Salome Danced Here". Mastermind behind the inner workings and secret plans of the affair was John "The Golden Greek" Govatos, who saw to it that the evening was one of the most successful yet seen at 1311 State. "Sam" Hanson wrote and produced a skit designed as an ad for the French division of Alcoholics Anonymous.

The new pledges of the chapter have not as yet been announced. They represent each class in school, and are: Tom Beyer of Springfield; George Bloess, South Ozone Park, N. Y.; Bob DeHecker of St. Louis; Dick Gabrielse from Sheboygan, Wisconsin; John Gosatos of Wilmington, Delaware; Dick Holland, Nevada, Missouri; Dave Johnston of Shreveport, La.; Ken Roach of Rolla; Jack Travis, Crane, Missouri; "Bobo" Woolverton of Gideon, Missouri; Dick Zumsteg from Quincy, Illinois; and "Rusty" Johnson of St. Louis.

We are glad to welcome back into the field a well-known man on the campus—Erv "Sugar" Dunn, who has been at the University of California for the past year. Erv is now using his talents as lineman on the Varsity football squad.

Friends of Jim Caselton will be sorry to know that he is leaving school soon. Though only a sophomore, Jim has served KA well as Corresponding Secretary, and his help has always been available. He assures us that he will return—we hope so, Jim. And make it soon.

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## TRIANGLE

Last Friday night, Sept. 30, at 6:55 P. M. the pledges were dismissed from the house and preparations for the initiation of four new members began. The honored individuals were:

John Bain Griffith—CE '51  
Eugene Marshall Layham—CE '52

Randal Lee Garten—Min '52  
William Lee Crawley—EE '53

All of us here at the "Brown Stone College" wish the initiates "Good Luck" and hope that their stay here as actives will be a pleasant one that they'll always remember.

The principal speaker at the initiation banquet held Sunday was Mr. John M. Brewer of the Humanities Department.

After the initiation the entire chapter adjourned to "Slab Town" to imbibe in a brew or two (or more) and to enjoy smoking a few "coffin nails" (I'll be sued if I mention the brand name, but Dick Huber smokes them all the time). We also listened to some "Music of the Masters," played by our own "Flat-foot Four Quartet." In there for the big musical race were Jack Laytham and his "plumbers' delight" trombone, Gene Laytham with his "Hoops-y-cord," and John Griffith and Bob Wood with their accordions (solovox attachment, of course). A fine time was had by all.

Well dear readers (or should I say "reader" . . . as far as I know I'm the only one that reads this product of that pre-fabricated baloney machine I call a mind.), that's about all the evil things I can think of right now so I'll have to say "So long 'till next time . . . see ya."

Why is an engine afraid of a switch? Because it has a tender behind.



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Counts for much in this competitive world. Well conditioned shoes improve your appearance!

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Repairing  
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Watchmakers

All Work Checked  
by Electronic Timer  
YOUR ACCURATE  
TIME HEADQUARTERS

**CHRISTOPHER  
JEWELER**

805 Pine St.

## THETA KAPPA PHI

When the parents of the Theta Kaps come down tomorrow, they will find the abode of their offspring as clean and as neat as a Holland street. The past week-end found the boys as busy as a one armed drummer in a bop session. The upstairs was given a refreshing coat of paint, the grass was raked and cut, screens were taken down and stored, the front porch was covered with a protective coating of pigments and oils which was applied to all the external surfaces of organic matter. Another major improvement which has been completed within the last week is the installation of our new 1" water line. Now we've got pressure we ain't used yet. We've even put hand rails in the shower to keep members from being knocked down and flushed away by the avalanche of water.

Last Friday night found the fellows jammed around the music box immensely interested in the vivid and colorful description of the Miner-Maryville football game. Holy Cow, what an upset.

"If that woman yawned once while I was talking to her, she yawned eleven times."  
"Perhaps she wasn't yawning, dear. Maybe she wanted to say something."

A meteorologist is a man who can look right into a woman's eyes and tell weather.

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## STUDENTS AND PROFS SHOULD BE FRIENDS OUTSIDE THE CLASSROOM

Madison, Wis.—(I. P.)—To narrow the widening student-faculty gap brought on by rising enrollments a sub-committee of the University of Wisconsin's self-analysis committee has studied student extra-curricular activities on this campus and come up with some meaty suggestions, which include:

1. Late afternoon and night classes should be eliminated so students have more time for cultural pursuits.
2. A dairy bar should be set up at intervals on campus, where students and professors could meet between classes.
3. Faculty-student dinner clubs should be planned on an informal basis to promote faculty-student relationships outside classes.
4. Students should be made members of the University committee on lectures and convocations and should help to plan symposia on issues of campus interest.
5. Student political activity should be stimulated. The University division of social studies should try to find out "what's wrong with campus political clubs."

## THE RITZ ROLLA

Sun. - Mon. - Tues.  
Oct. 16-17-18  
Continuous Sun. from 1 P. M.

— FIRST RUN IN ROLLA —

Terry MOORE  
Robt. ARMSTRONG in  
**"THE MIGHTY  
JOE YOUNG"**

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## AIEE-IRE MEETING

Continued From Page 1)  
average load of 175,000,000 calls a day. In a dial system, 10,000 to 12,000 contacts must close to complete a call within a city, while 100,000 to 250,000 contacts must close to complete a cross-country call. The power amplification necessary for that cross-country call is 17 followed by 230 zeros. Yet, all you have to do is pick up the receiver and all this is at your disposal.

Love hasn't changed in 2,000 years. Greek girls used to sit all evening and listen to a lyre.

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