



25 Oct 1932

The Missouri Miner, October 25, 1932

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OCT 27 1932

THE MISSOURI MINER.



MISSOURI SCHOOL OF MINES AND METALLURGY, ROLLA, MISSOURI.

VOLUME 19

TUESDAY, OCTOBER 25, 1932

NUMBER 6

KIRKSVILLE DEFEATS MINERS, 12-7

DOUG MARTIN WINS TROPHY

Plaque to M. S. M.

Fourteen Schools Compete for Best Paper at Annual District Convention of A.I.E.E. at Norman, Okla.

Last Thursday, four student members of the A. I. E. E., accompanied by Professor Lovett, journeyed down to Norman, Okla., for the annual District Convention. Those attending were Prof. Lovett, Martin, Brautegan, Kozeny, and Irwin. At the convention six states were represented by fourteen schools, over 125 students being in attendance.

At the convention, ten papers were presented by students. These papers were the best technical dissertations from each school. The winner this year was Douglas Martin of the School of Mines, a senior in E. E. He presented a paper on "The Development of a Medium Priced High Quality Microphone." As a result of his victory the local chapter of the A. I. E. E. will be presented with a plaque carrying the name of the school and Martin's name.

The E. E. Department and Mr. Martin are to be congratulated on such a splendid showing made in competition with other technical schools.

In conjunction with the convention several luncheons and dinners were given for the delegates. The School of Mines contingent attended a very enjoyable smoker Friday evening and saw a short wave demonstration.

On the return trip a stop-over was made in Oklahoma City where they were entertained by Dick Atkinson, M. S. M. '25, who is field engineer for the Phillip's Petroleum Company there. Mr. Atkinson a past president of Theta Tau and a member of the Lambda Chi Alpha fraternity, took them on a journey through the oil fields and through a gas refining plant. The boys also visited radio station KFXR, while in Oklahoma City.

On the return journey, several other oil fields were visited. Among them were the Cushing Field, one of the oldest in Oklahoma, and the Prairie Pipe Line pumping station. At the Cushing Field the party saw several applications of electricity adapted to oil pumping. The party arrived in Rolla again, late Sunday evening after a most enjoyable trip, thanks to Prof. Lovett and their hosts while away.

—MSM—

Send the Miner to your enemies.

46 Examined for Posts on Rollamo

The intelligence test given as a means of fairly eliminating some of the 46 try-outs for the Rollamo Board was given Friday, Oct. 21. The test was compiled and graded by a committee composed of representatives of the Rollamo Board of Control and the faculty.

The following men were the 15 highest: L. A. Bay, Wm. Coddington, M. E. Green, J. H. Hall, K. O. Hanson, W. H. Howe, O. C. Kamper, J. J. Murphy, E. L. McReynolds, G. S. Richardson, A. F. Sievers, C. W. Snyder, L. J. Sullentroy, W. L. Sullivan, Don West.

These men will be retained as try outs and all other men are automatically eliminated.

—MSM—

HALL TALKS AT MEETING

Discusses Ether

Mallinckrodt Chemical Company Representative Addresses Ira Remsen Meeting

Last Wednesday, Dr. Lawrence P. Hall of the Mallinckrodt Chemical Company spoke to a group of about seventy-five professors and students in the Chemical Building.

Dr. Hall, who is a very distinguished chemist, spoke on ether and its manufacture. He outlined the different practical processes for its manufacture. He told of the tremendous fire hazards which are incurred in its making. As an example, he said, one time in his plant a can of ether was left open in one end of the room and a bunsen burner was burning in the other end; the ether evaporated so quickly and was so heavy that it crawled along the floor until it reached the fire, which caused an explosion and many thousands of dollars damage. Every precaution must therefore be taken to guard against this hazard.

He stated that his company manufactures one million cans of ether a year most of which is used for anesthetics.

Smokes were furnished by the society.

While the size of the crowd was not up to expectations, it is hoped that in the future there will be enough students there to fill the room, and to hear the many excellent speakers which the society is planning to have speak at their meetng.

—MSM—

Hear the Lindenwood Trio here Thursday night.

SILVER AND GOLD OFFENSIVE STOPPED DURING FIRST HALF

Blocked Punt Paves Way for Tally

Gibson, Veteran Tackle, and Spotti Recover Ball on Kirkville 10-Yard Line; Capt. McDonald Crashes Line for Lone Touchdown; Kirchoff Adds Extra Point

M. S. M. Football Schedule for 1932

Pittsburg Teachers—13; Miners—0.

Arkansas University—19; Miners—20.

Oct. 7 or 8, open.

Drury, 0; Miners, 40.

Oct. 21, Kirkville Teachers (night) Kirkville.

Oct. 28, Springfield Teachers, (night) Springfield.

Nov. 5, Maryville Teachers, Rolla.

Nov. 12, Tulsa University, Tulsa.

Nov. 19, St. Viator College, Rolla.

Work on December Play to Start Soon

Preparations for the December play were formally begun last Tuesday when try-outs were held in the auditorium in an attempt to select a cast. An unusually large number of aspiring actors were present, including many members of last year's production "The Green Light."

Four co-eds competed for the role of leading lady, a most unusual circumstance.

The play "Adams Apple" is under the able direction of Professor Cullison and with the material at hand an exceedingly good performance should result.

—MSM—

Prof. Thornberry Is Improving Rapidly

Professor Thornberry, who has been in the M. S. M. Hospital for the past three weeks, was taken to his home last Thursday.

Professor Thornberry suffered an apoplectic stroke on Tuesday, Oct. 4, and has been confined to his bed ever since. However, there has been a noticeable change in his condition and now that he has been moved to his home a rapid recovery is hoped for.

—MSM—

Let's beat Springfield at Springfield Friday night.

In one of the most exciting games of the season the Miners failed to open up soon enough and were downed by the strong Kirkville Bulldogs by a score of 12-7. Throughout the entire first half the Kirkville team gained consistently through the Miner line and stopped all Miner advances with ease. Never during the half did the Silver and Gold eleven threaten the Teachers' goal. Finally in the fourth quarter the Miners opened up with a beautiful running attack after Gibson had blocked a punt on the ten yard line. Jimmy McDonald carried the ball over for the touchdown and Kirchoff added the extra point.

In the first quarter the Bulldogs held the Miner backs for almost no gain and started a ground gaining attack that terminated only after a completed pass for twelve yards and a touchdown resulted. The march was begun in midfield with the fast Teacher backs going off tackle and round end for long gains. After carrying the ball to the 12 yard stripe and having three more to make for a first down, the Bulldog quarterback threw a twelve yard pass over the end zone to the right end. The try for the extra point failed.

In the second quarter both teams gained from scrimmage and piled up the first downs but lacked the punch to carry the ball over. After failing at the line they resorted to passes but they also failed to function properly. The half ended with the ball in Kirkville's possession on the Miner forty-seven yard line.

In the middle of the third quarter the Bulldogs again started a touchdown drive from midfield. The backs ripped through the Miner line for consistent gains and this, coupled with a fifteen yard pass, carried the ball down to the five yard stripe. From there the Teachers made their second touchdown after two tries at the line.

Finally in the latter part of the fourth period the Miners got under way when Gibson broke through to block a punt and Spotti recovered on the Kirkville nine yard line. Jimmy McDonald carried the ball around end for a touchdown on the first play. Kirchoff's kick for the extra point was good. Again the

(See FOOTBALL Page 6)

THRU THE TRANSIT

At last pep has been aroused. The band wagon is getting crowded and the title of Kampus King is being contested for. So far the following have been nominated for this high and mighty position: Rudy Maehl, Personality West, Flash Hahn, Gloer, and Jack Wright.

Everybody get out and back a candidate. Votes may be sent in anytime and anyplace. So far Axe hasn't been able to swipe the gilded gaboon that is to be awarded the winner but he is making every effort to have the priceless reward soon, if we can see to collect it.

The past week end must have been a whiz from all we hear. We would certainly have liked to have seen Harve Beardsley trying to steal the night cop's badge in Macon. And the sight of Ray Brautegan in that Oklahoma City nickle-a-dance place would have been one for the books.

News for this wonderful column is kind of short this week due to the fact that Axe has developed astigmatism and Squint crossed up the stadia hairs. Anyway, after the Springfield trip there should be some red hot news.

MSM

A. S. C. E. Holds Initial Meeting

The campus chapter of the A. S. C. E. held its first meeting of the year on Tuesday night of last week with about forty members in attendance. President Perry Steen brought the attention of the members to the aims and purposes of the A. S. C. E. student branch in several well-pointed remarks on plans for the future year.

The program for the evening consisted of short talks by several of those who made the Senior C. E. inspection trip this fall. W. A. Brown, the first speaker of the evening, dealt with the construction of the Federal and Municipal buildings, and also the Illinois Terminal Bldg., all in St. Louis. T. V. Cummins reported briefly on the inspection of the Howard Bend Plant of the St. Louis City Water Division. Homer Krattly discussed the work of building the new railroad approach to the Municipal Bridge. Mr. Krattly had several illustrations which made the talk very interesting. In a summary of the entire trip, Dr. Bardsley covered much the same ground as the other speakers, but he also brought in some of the minor but interesting phases of the tour.

In closing, Mr. Beckman, the contact-member of the local chapter made known his connection and duties with the student branch. Of course, no C. E. meeting would be complete without Prof. Butler, who, in this instance, gave some very interesting data on the status of the '32 Civils. Of the twenty-seven graduates of the class, twenty are now working in some phase of civil engineering. The other seven are on waiting lists of various state and federal engineering departments.

Refreshments were served at the close of the meeting, and it was here that the younger boys were found grouped around the lucky

seniors to hear some of the more lucid tales of the glorious trip to St. Looee (and the East Side).

MSM

COLLEGE TRIO TO BE HERE

Program Outlined

School of Music Department of Lindenwood to Furnish Lecture Program Thursday Evening

The General Lectures Committee always arranges a well-rounded out series of programs, and next week's presentation will offer a contrast to the first two. On Thursday, Oct. 27, the Faculty Trio of the Lindenwood College School of Music will make its appearance at Parker Hall. We don't know very much about the members of the Trio ourselves, but have it from good sources that their program will be worth hearing.

The personnel of the Trio consists of the Misses Doris Gieselman, Gertrude Isidor, and Eva Englehart. Miss Gieselman, the vocalist, has been here before, and is rated as excellent. Miss Englehart is an accomplished pianist—just look over what she plays. Miss Isidor is the violinist of the group, and has appeared in Rolla previously. She is recognized as an outstanding violinist, and has had experience on the concert stage.

Don't think that just because this program is a musical one, you won't enjoy it. Your Student Activities card will admit you to this, one of the best of the series.

The program follows:

VOICE

Es Blinkt De Thau.....Rubinstein
Die Rose, Die Lillie, Die Taube,
Die Sonne Schumann
"L'insana Parola" (Aida) Verdi
Miss Gieselman

VIOLIN

Concerto D. Major Tchaikowsky
(Allegro Assai)

Miss Isidor

PIANO

Valse Brillante Op. 34, No. 1.....Chopin
Lento (Pierrot Triste) Scott
Empress of the Pagodas Ravel
Hungarian Rhapsody No. 11 Liszt
Miss Englehart

VOICE

Love Was With Me Yesterday.....Golde
Dissonance Borodine
The Street Fair Manning
By a Lonely Forest Pathway.....Griffes
Winds Test
Miss Gieselman

MEET 'EM AT
The Miner's
Retreat
Billiards &
Smokes

VIOLIN

Zephyr Hubay
Kuruka-Karuka Yamada
Mosquitos Fairchild
Round of the Goblins Bazzini
Miss Isidor

MSM

Pi K. A. House Holds Pledge Dance Friday

Last Friday night, Oct. 21, the members of the Pi Kappa Alpha fraternity offered their contribution to the series of dances given in honor of the new pledges. It was a great night for a greater dance. A low hanging moon started its upward journey just about the time the dance started, and by the time the dance was well on its way, the moon was just right, and how! The weather was all that could be desired, also. It was not warm enough to cause suffering from heat generated in a hot-cha dance, and just chilly enough for the girls to wish a comforting arm around their shoulders.

The Varsity orchestra under the direction of Bill Gilmore played; and they were really good. They were even good enough to render a few encore numbers after the last dance. And speaking of the dance, it just flew by. It seemed that no sooner had the orchestra played the first piece than it was playing the last strains of "Home Sweet Home." And when a dance goes by that fast it is a really good dance.

The representation of the female sex left nothing to be desired. The cream of Rolla's society belles were present as were also a number of beauty queens from neighboring towns. There were also several girls who journeyed down from the town of Shawneetown, Ill., to be present on this night of nights.

Several of the men, about nine, from the Fraternity's chapter at the University of Missouri journey down and brought their dates with them. There is no doubt that they were

shown how to really throw a dance. Lieut. and Mrs. Hardin, Lieut. and Mrs. Itschner, Prof. Orten, Prof. and Mrs. Zeuch, and Mr. and Mrs. X. Smith were present as chaperones at this dance given in honor of the following pledges: W. D. Marshall, Milton Towse, Ernest Walker, Jr., J. Powell Gordon, and Glennon De Roy.

Altogether, including several guests who arrived at the last moment, there were about one hundred and fifteen people who attended the Pi K. A. chapter house last Friday night.

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DR. BRADLEY SPEAKS HERE

Address Elevating

Izaak Walton League Head Well Received on Lecture Series Program

Thursday evening was a red-letter date on the General Lectures series of programs. The committee on the lectures series, co-operating with the local chapter of the Izaak Walton League, presented Dr. Preston Bradley, the nationally known preacher, sportsman and orator.

He is truly an impressive figure, however, and kept his audience interested every minute of the time he was allowed.

The subject of his address was announced as "Religion in the Outdoors"; but when he had finished, he apologized for not coming to the topic sooner. But Dr. Bradley is the type of speaker who doesn't need a topic. Here are a few of the points he expressed in his own way:

"More people today are thinking for themselves than in any previous period in history. They depend less upon the newspapers, the preachers, the organizations; the forgotten man is being considered as part of the world's affairs." The people who forgot him are thinking about matters of universal significance. For the first time in history, the world has become a unified, real world. The minds of many have gone out into the universe. Consider the opening of the World's Fair next year—the light of a star which no longer exists is to furnish the energy formerly supplied by the finger of the President pressing a button . . . Mathematics is a branch of science mysterious to many of us, but it is invaluable because of the discipline it gives the mind . . . In the hey day of man's knowledge, we know less than ever before about how to live with our fellow-humans in peace and happiness. President day institutions—education, religion, and government—are on trial. The world will straighten out when people realize their duty to the rest of humanity.

We talk of the youth problem of today but too often forget the part that parents play in that problem. The viewpoint of youth is the greatest force in modern life. Your true sportsman has the viewpoint of youth . . . There are bankers, lawyers, teachers, preachers, in our penitentiaries, but you'll look in vain for the man who owns a dog, smokes a pipe, and holds a rod like a man."

Following Dr. Bradley, Dr. Josh Lee gave a short talk on "Patriotism of Peace." Dr. Lee comes from Oklahoma, stating that the only difference between the University of Oklahoma and the State Asylum, both in the same city, is that the inmates of the asylum have to show some mental improvement before they are released. However, Dr. Lee was not entirely sarcastic, and pointed out that the patriotism of peace, as opposed to the patriotism of war, has its basis on the firm grounds of the church, the school, and the home. Do away with any one of these, and civilization totters. The patriotism of peace instilled in the minds of generations to come will hold the world together.

It was a splendid program all around. Not the least entertaining was a half-hour concert by our own M. S. M. Band. We've all heard the band on Wednesdays at drill, but

Thursday it showed what it could do in the way of classical and semi-classical music. You just can't describe band music—you've got to be there and feel it. This concert was of the best, and you'll have to go quite a lot before you'll find a better aggregation than Mr. Scott and the R. O. T. C. Band.

—MSM—

New Program for M. S. M. Freshmen

A comparatively new idea will be

tried out this year in the freshmen drawing classes. Dr. Mann is back of the plan with plenty of vim and vigor. The plan is to give the freshmen more contact with the outer world, rather than force them to constant drawing.

This plan has already been given a start. Last Thursday and Friday the drawing classes witnessed a film devoted to blue printing. Dr. Mann secured the film and had his classes meet in the auditorium and then return to their classes, where they were given a lecture on processes witnessed in the film.

Prof. Dake lectured to one of the classes on the conditions of the world today. It is planned to have other faculty members lecture to these classes from time to time.

An extensive tour is planned in which the class will visit Bagnell Dam, and places of interest to engineers in St. Louis.

It is planned to have some class meetings in the evening and have the fellows relate their various experiences in engineering. They will also attempt to get some prominent speakers. It is hoped that this idea will meet with great success.

"What on earth are you up to now?"

"Finding things out, smarty! I thought I'd examine the tobacco in a cigarette."

"Look here... this is Chesterfield tobacco. Notice its lighter color... you don't see any dark heavy types, do you? I guess that's why Chesterfields are milder."

"I'm told that uniformly lighter color is due to cross-blending. It sort of welds all the tobaccos into one."

"And here's something else. Notice that these long shreds are all cut the same width. It stands to reason they burn smoother and cooler."

"I don't pretend to be an expert but it looks to me as if they make Chesterfields right."

"Here, light one. That's the best test after all. They Satisfy."

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and **TASTES BETTER**

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THE MISSOURI MINER

A weekly paper published by the students of the Missouri School of Mines and Metallurgy, in the interest of the alumni, students, and faculty.

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MINER VOTERS

Since there are many students on the campus who are eligible and who wish to vote in the coming election, the Young Republican League of Rolla wishes to sponsor a meeting in order to instruct them in how to get their vote in. The Young Republican League does not wish to restrict this meeting to only those who wish to vote the Republican ticket, but to extend it to everyone interested in obtaining a vote. It is felt by the leaders of the organization that at the present time there is a growing need of enlisting the younger voters. Many of those eligible on the campus have felt that they could not vote because of non-residence. This is not entirely so, and the League wishes to help those who may vote.

A date and place have not yet been set for the meeting, but those interested may sign the poll sheet in the office in Parker Hall. Signing this sheet denotes only interest in the meeting, and does not incur obligation of any nature.

—MSM—

MINER RELIEF

One constantly reads of the strife between the coal miners and the operators. Yet in these hard times for the miner, the operators have probably done more for their employees in the way of relief than any of the other big business concerns.

The operators have established company vegetable gardens, furnishing the plowing, seed, tools, and other needs free in most cases; and in others, bearing most of the burden. The men are allotted certain parts as theirs to work, and quite a bit of food for their families may be produced. Reports from the various operators show that the average value of the garden to each family was around \$80, a goodly sum in these days of low prices.

Companies maintaining company houses gave relief through waiving of reducing the charge of rent and lights. At company stores a similar policy was followed. Whether with or without scrip, employees were permitted to obtain food and clothing as needed. In extreme cases no charge was made for these necessities. In other cases goods were furnished on credit with little or no prospect of payment. One company follows the policy of charging all such credit that remains on the books at the end of the year.

Free fuel and free medical service were furnished by a number of companies as a means of relief. Other forms of assistance are the sponsoring of and paying for instruction

given the wives and daughters of employees in the weaving of hand-woven rugs. Other companies maintain employment insurance.

This analysis of the relief furnished mine employees by mine operators must be taken illustrative of the forms which that relief takes and not at all indicative of the extent to which such relief is carried on. The whole study indicates that the industry as a whole is fully conscious of its responsibilities toward its employees and is taking adequate measures to protect them from the otherwise disastrous effect of the short working time caused by the present unprecedented slump in the demand for Bituminous coal. It seems that the Miner will be provided for.

—MSM— CALENDAR

Wednesday, Oct. 26
Ira Remsen at 7: 30 p. m.
Thursday, Oct. 27
Lindenwood College Trio, 8:00 p. m.
General Lectures
Friday, Oct. 28
Mercier Dance
Football Game
Miners vs. Springfield at Springfield
—MSM—

Schuhmann Grabs M. S. M. Tennis Title

Playing a brand of tennis unseen here since the days of Dick Hanley, Reinhardt Schuhmann defeated Bill Lenz in three straight sets in the final round of the M. S. M. Tennis Club's first fall tournament.

Schuhmann was invincible throughout the match, and literally blasted Lenz from the court to the tune of 6-3, 6-0, 6-3. The new champion's fore-hand drive was a thing of beauty, and it scored innumerable points as it sizzled past Lenz at the net or fell into remote corners of the court untouched. Lenz rallied in the third set when losing 3-0, but his best tennis could not match the lightning drives and accurate placements of Schuhmann. The latter was at his best in the second set, when he allowed Lenz only six points.

Schuhmann reached the final round with a four-set semifinal

round victory over Mertz, 6-1, 3-6, 6-0, 6-4, and Lenz reached the final round by defeating Lieut. Hardin in the semi-finals, 6-4, 6-1, 10-8.

This tournament has been very successful, having had twenty-eight entries and only two matches defaulted. Some fairly good new material was uncovered, and with three of last year's varsity back this year, there should be a lively struggle for the fourth place position on next spring's team. The most likely contenders for the position are Gasten, McConnell, and Seiberling. With Schuhmann, Lenz, and Mertz playing as they have been this fall, it looks like an M. C. A. U. championship next spring.

—MSM—

Prospectors Give Pledge Dance

The Prospector Club held its annual pledge dance, the last pledge dance of the season, at its chapter house last Saturday evening with some seventy-five persons in attendance.

The music for the evening of dancing was supplied by Bill Gilmore and his Varsity orchestra, that played to the height of perfection and contributed much to the success of the evenings entertainment.

Many out-of-town guests were in attendance as were many members of the other fraternities on the campus. The chaperones of the evening were Prof. and Mrs. Sam Lloyd, Mr. and Mrs. X. Smith, and Mr. Rex Williams.

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TO VOTE

Put a cross (X) in the square before the name of the candidate you prefer. Clip the ballot and drop it in the Miner box in Mr. Kahlbaum's office.

- | | |
|--------------------------------------------|---------------------------------------------|
| <input type="checkbox"/> Herbert Hoover | <input type="checkbox"/> Franklin Roosevelt |
| <input type="checkbox"/> Jacob S. Coxey | <input type="checkbox"/> Norman Thomas |
| <input type="checkbox"/> W. Z. Foster | <input type="checkbox"/> William D. Upshaw |
| <input type="checkbox"/> Verne L. Reynolds | |

(VOTE FOR ONE ONLY)

President Hindenburg of Germany celebrated his eighty-fifth birthday the other day and although Germany has a worse depression than ours, nobody blamed him for it.

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ALUMNI NEWS

Word has been received recently from Van Hoose Smith, who graduated from M. S. M. in 1910, with the degree of Bachelor of Science in Metallurgy. Mr. Smith is metallurgist for the American Cyanamide Co., of New York. He and his family have been residing for a number of years at Vancouver, B. C., Can. He is a nephew of E. G. Harris, Professor Emeritus of Civil Engineering, at the School of Mines.

As a metallurgist, Mr. Smith has had considerable experience and has had occasion to travel many miles. His work has taken him to Manchuria and Japan, where he has supervised gold milling installations. During the past winter he constructed a gold mill near Vancouver, which is now treating one hundred and twenty-five tons of ore per day, with 96-97 per cent recovery, and netting \$40,000 a month. This summer Smith was delegated by the A. C. C. to visit the principal gold operations in the United States and Canada. His itinerary included California, Denver, Colorado, Homestake in South Dakota, and Kirkland Lake, Ont.

Mr. Smith returned to New York City ten days ago at which time he was joined by his wife. They are both leaving soon for the London office of the A. C. C. where he will be located for a short time. From there they are to go to the Rand in South Africa for an undetermined stay. There he is planning to assist in the exploitation of the new processes of treating the gold ores of that district.

Edward H. Cook, who graduated from the School of Mines in 1927 receiving his B. S. degree in chemical engineering, visited the school during the past week. He is employed in the paint department of the Chevrolet Motor Car Co., in St. Louis.

R. O. Beatty, '30, paid a brief visit to Rolla during the past week. He is working with the Union Electric Co., of St. Louis.

James Hoemann, '30, stopped in Rolla for a brief visit before leaving for his new job. He is going to Southern Arkansas to take a job as research chemist for an oil company.

—MSM—

Orten Society Will Begin New Program

The Orten Society began its new program for the year with the meeting last Wednesday, Oct. 19, at 7 p. m. Several speakers gave very interesting talks.

The main speaker of the evening was Dr. Muilenberg of the Geology Department of M. S. M. He gave a very interesting talk on the study of Petrography in connection with ceramic engineering. He also explained the mechanism of the microscope which he used in this study.

Charles Rosenbaum spoke on the origin and production of Wedge-wood clay products.

The next speaker, K. E. Evans,

spoke on refractions. He explained the differences and kinds of refractories used in the ceramic field.

After the talks Dr. Muilenberg showed, by use of the microscope, several slides of ceramic materials of which he had made a special study last year. Dr. Muilenberg's talk and demonstration were enjoyed by all.

It has been planned to have a moving picture during the next meeting, Wednesday, Nov. 2, and all members are urged to attend.

—MSM—



SIX HOURS TO LIVE

Here is something extraordinary in moving pictures. The direction and acting in this picture make it a thing of beauty and above the plane of ordinary pictures. The story of a young man who has been killed and is then brought back to life for six hours by a scientist. The story is interesting and Warner Baxter does some excellent acting. He is supported by Miriam Jordan and John Boles.

DIVORCE IN THE FAMILY

"Divorce in the Family" is an excellent production full of drama, human interest and comedy. It is the story of the small boy in a family broken up by divorce. The part of the small boy is taken by that excellent little trouser, Jackie Cooper. The production has an excellent cast including Lewis Stone, Conrad Nagel, Lois Wilson and Jean Parker. The acting is excellent throughout the picture and it is well worth seeing.

SMILIN' THRU

After years of triumph on the legitimate stage and in the silent movies, this grand old play is revived in the talkies. Many who have seen this picture before will want to see it again and all those who have not seen it have missed something worth-while in life. The picture is full of tender romance and emotions. An excellent cast includes Norma Shearer, Frederic March and Leslie Howard. Don't miss this picture.

TOM BROWN AT CULVER

This picture affords pleasant en-

COMPLIMENTS

of

C. D. VIA

HOUSE OF A 1000 VALUES

tainment for everyone. It is a story of a large military academy and plenty of comedy is furnished by the practical jokes of the students. The plot provides drama in the relations of the boy hero with his father, who has been injured in the war. The cast includes Tom Brown, H. B. Warner and Slim Summerville.

THE ALL-AMERICAN

This is an excellent football picture. There is some real football included in it with a team composed of Red Cagle, Ernie Nevers, Frank Carideo, Albie Booth, Russ Caunders and others. It is the story of an all-American football player who turns pro and finally ends up "on the bum." He returns in a big game to teach his younger brother, who is following in his footsteps, a football lesson. An excellent cast includes Richard Arlen, Andy Devine, who furnishes the comedy, and James Gleason as a coach.

SPECIAL MATINEE

A special Saturday matinee will be given each Saturday afternoon beginning this week and continuing for twelve weeks.

A different show will be given from the regular evening performance.

The first chapter of a new serial "Lightning Warrior," starring Rintin-Tin, Jr., and a Tom Mix feature will be the attraction for this coming Saturday.

Bargain prices, one admission admitting two persons, will prevail.

—MSM—

Up to this time the Free Traders in American has overlooked a bet. They have failed to discover that Germany's decision to re-arm was due to the Smoot-Hawley tariff.

LECTURES PROGRAM—

Oct. 27, Concert by the Faculty Trio of Lindenwood College, St. Charles.
Nov. 3, Lecture by Dean G. W. Stephens, dean of students at Washington University. "Is Competition a Failure?"

Nov. 17, Concert by the Faculty Trio of Stephens College, Columbia.
Dec. 1, Student Stunt Night.

Dec. 8, M. S. M. Players.

Dec. 15, Concert of Christmas Music by the Rolla Community Chorus.

Jan. 26, Lecture by Dr. C. L. Dake.

"Tales the Ozarks Tell."

—MSM—

It's all right for Governor Roosevelt to flirt with Norris, LaFollette and the rest of the progressive boys now. But what will he do with 'em if he happens to be elected?

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FOOTBALL

(Continued from Page 1)

Miners threatened to score when they began a drive from their own twenty yard line and carried the ball to the Teacher's fourteen yard line where several penalties and a loss of sixteen yards on an attempted pass stopped the drive. On the last play of the game a pass from Towse to Kirchoff carried the ball back down to the twenty-two yard line.

In every quarter but the fourth the Bulldogs gained several times as much ground from scrimmage as did the Miners. Neither team seemed to be able to pass effectively, Kirksville completing five out of fourteen for sixty-four yards and the Miners completing three out of eleven for a gain of thirty-six yards.

The Teachers presented the best offense that the Miners have been up against this season and their shifty backs, led by Rhode and Embree, slashed off tackle and at end for consistent gains. For the Miners, Towse and Art Williams did some fine running and Jimmy McDonald added quite a few yards. In the line the best work was done by Kirchoff, although he was given little opportunity to get away and snag any long passes.

Following is a play-by-play account of the game:

The starting line-ups for the game were:

Miners	Kirksville
Kirchoff	Doyle
Hassler	L. T. Barton
Oswald	L. G. Kurtright
McDonald, P. C.	C. Scholle
Hardaway	R. G. Roth
Gibson	R. T. Goslin
I. Spotti	R. E. Hudson
Towse, R.	Q. B. Embree
McDonald, J. (C)	L. H. Wade (C)
Schwab	R. H. Rhode
Wommack	F. B. Moody

Summary

Touchdowns: Miners—McDonald, 1; Kirksville—Hudson 1, Embree 1. Points after touchdown: Miners—Kirchoff 1. First downs: Miners—7; Kirksville—14. Passes: Miners passed eleven times and completed three for thirty-six yards (with one intercepted); Kirksville passed fourteen times and completed five for sixty-four yards (with 2 intercepted). Penalties: against the Miners, four for thirty yards; against Kirksville, three for twenty-five yards. Punts: Miners punted nine times for 350 yards, averaging 39 yards per punt; Kirksville punted eight times for 290 yards to average 36 yards per punt with one being blocked. Substitutions: Miners—Williams for R. Towse, R. Towse for I. Schwab, E. Spotti for P. C. McDonald, M. Towse for I. Spotti, Levy for Oswald, Tetley for Hassler, McGregor for R. Towse, Neel for McGregor, Tetley for Hassler, Levy for Oswald.

Officials: Referee, Lamke, Northwestern; umpire, Elliott, Cornell; head linesman, Mills, Missouri.

Kirksville won the toss and elected to receive with the Miners defending the north goal. Kirchoff kicked off to Embree who returned the ball to the 26 yards line before being downed by Schwab. Embree went around end for 4, being stopped by Jimmy McDonald. Moody got 4 at center. Embree again hit end and made 1. Doyle punted to Towse who took the ball back to the Miner 35 yard line. Kurtright stopped McDonald for no gain at tackle for five and fumbled, the ball being recovered by Wade of Kirksville. A pass, Embree to Wade netted 3 for the Bulldogs. Rhode hit tackle for no gain. Embree went off tackle for 7 yards and a first down. Towse stopped Rhode at end after he had come through for six. Embree hit the line for 2, Towse making the tackle. Kirchoff hit Embree after

he had gained 1. Embree went over center for 6. Rhode failed to gain at the same place. A short pass, Embree to Hudson, was good for 12 yards and a touchdown. Embree went over center for 6. Rhode failed to gain at the same place. A short pass, Embree to Hudson, was good for 12 yards and a touchdown. Embree failed to kick the extra point.

Score: Miners 0; Kirksville 6.

Barton kicked off to Towse who took the ball on the goal line and returned to the twenty. McDonald lost 2 yards at end. Kirchoff punted to Embree on the 43 yard line. Moody hit off tackle for 5 yards. Embree went around end for 14 yards and a first down, Hassler making the tackle.

Time out, Miners. Embree, on a pass fake, made 3. Embree ran the ball out of bounds for no gain. A pass, Rhode to Wade was incomplete. Doyle punted out of bounds on the Miners 20 yard line. Towse got two through the line. McDonald was stopped at tackle for no gain by Barton. Kirchoff punted out of bounds on the Miner 43 yard line. A pass, Embree to Rhode, cost Kirksville the loss of a down for not having the passer five yards back of the line of scrimmage. Embree made one at end, Kirchoff making the tackle. A pass, Embree to Rhode, was no good. Kirksville was penalized five yards for two incomplete passes in one succession of downs.

Doyle punted to Williams but the ball rolled out of bounds on the Miner 12 yard line. Towse went through the line for two. Williams added three more through the line. Kirchoff punted to Embree who returned the ball to the Miners 47 yard line. Rhode made one off tackle. Embree went off tackle for two more. End of first quarter. Score: Miners 0; Kirksville 6.

Spotti threw Bacon for a 6 yard loss in an attempt at end. Bacon punted out of bounds on the Miner 35 yard line. Williams went off tackle for two. McDonald hit end for nine and a first down. Williams went through the line for 4 and then hit off tackle for one more. McDonald made three through the line. Kirchoff punted out of bounds on the Kirksville 27 yard line. Moody crashed through guard for three. Wommack threw Atteberry for a three yard loss. Doyle punted to McDonald who was downed on the Miner 46 yard line. A pass, McDonald to Schwab, failed to be complete. Towse went off tackle for one.

Time out, Miners. A pass, Towse to Kirchoff, was batted down by Moody. The Miners were penalized five yards for two incomplete passes. On an attempted kick by Kirchoff, Kirksville was penalized 5 yards for hitting the kicker. Towse made one

at center. A penalty on the Miners of 15 yards for holding. A pass, Towse to Spotti, failed to be complete. Kirchoff punted to Atteberry who fumbled and recovered on the Kirksville 21 yard line. Embree went through tackle for 17 yards and a first down, Kirchoff making the tackle. Bacon added another first down by making 12 through guard.

A pass, Embree to Hudson, was no good. Embree went off tackle for two. Williams intercepted a pass from Embree on the 50 yard line and returned to the Kirksville 37 yard line. Williams ran the ball out of bounds for no gain. McGregor lost 2 yards at tackle. Kirchoff punted over the end zone. Moody made 4 through center and guard. A pass, Embree to Hanna, was no good. Bacon punted out of bounds on the Miner 46 yard line. Harrod threw McDonald for a six yard loss. McGregor threw an incomplete pass.

Williams made 13 yards through the line. Kirchoff punted into the end zone. Moody made 4 at guard, Hardaway making the tackle. Embree went around end for 14 yards. Embree ran the ball out of bounds for no gain. Rhode made two at end. Embree crashed through the line for 10, Kirchoff finally bringing him down. Rhode made 6 at end.

Time out Kirksville. Kirksville was penalized 15 yards for holding. A pass, Embree to Robinson was incomplete. The ball was given to the Miners on the Kirksville 38 yard stripe as an ineligible man caught the pass. Williams made two off tackle. A pass, Williams to McDonald was broken up by Embree. Williams fumbled and Doyle recovered on the Kirksville 32 yard line.

A pass, Embree to Hanna, was no good. Embree went around end for 22 yards. A pass, Marriott to Hanna, was incomplete. A pass, Marriott to Rhode, was no good. End of first half.

Score: Miners 0; Kirksville 6. Barton kicked off to Williams on the ten yard line and he returned to

(See FOOTBALL Page 7)

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Rollamo Theatre

PROGRAM

Rolla, Missouri

THURSDAY & FRIDAY

Oct. 27 & 28

Wheeler and Woolsey in

Hold 'Em Jail

A comedy knockout showing a football game as it is not played
Also "BIG DAME HUNT"

SATURDAY, Oct. 29

Lightning Warrior

SPECIAL Saturday MATINEE
Starting a new serial
and a Tom Mix picture

SATURDAY EVENING

Warner Baxter & Mariam Jordan in

Six Hours to Live

Also Cartoon and Comedy

SUNDAY, Oct. 30

Jackie Cooper, Lewis Stone, Conrad Nagel, & Lois Wilson in

Divorce in the Family

Also News, Sport & Novelty Reels

MONDAY & TUESDAY

Oct. 31 & Nov. 1

Norma Shearer & Frederic March in

Smiling Thru

One of the outstanding pictures
of this year
Also "MUSICA LDOCTOR"
Rudy Vallee
and "CAMPUS MYSTERY"

WEDNESDAY, Nov. 2

Tom Brown, H. B. Warner &
Slim Summerville in

Tom Brown of Culver

A picture for the whole family
Also News and Souvenirs

THURSDAY & FRIDAY

Nov. 3 & 4

Richard Arlen & Ralph Graves in

The All-American

A college picture with a
different twist
"MICKEY'S TRAVELS" Comedy

Serve

TUCKERS

Pasteurized Milk
PHONE 437

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SHOES & SHOE
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& FRIDAY
& 28
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it is not played
AME HUNT"
Y, Oct. 29
Warrior
day MATINEE
new serial
Mix picture
EVENING
Mariam Jordan in
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and Comedy
Oct. 30
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the Family
& Novelty Reels
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FOOTBALL

the Miner 37. On a cut back, Kirchoff lost 2 yards. Towse made one at tackle. Williams went around end for two. Kirchoff punted to Embree on the 36 and he returned to the 40 yard line. Embree hit the line for one, Oswald making the tackle. Rhode went around end for 15 and first down.

A pass, Embree to Wade, was batted down at end. Embree ran the ball out of bounds for no gain. Kirchoff stopped Embree off tackle for no gain. Time out, Miners.

A pass, Wade to Embree, was completed for 6 yards. Another pass, Rhode to Embree, was batted down by McDonald. Miners ball on their own 22 yard line. Williams went off tackle for two. Towse made one through guard.

A lateral pass, Towse to Williams was good for 6. Kirchoff punted and the ball was downed by Spotti on the Kirksville 49 yard line. Embree went through guard for 9 yards. P. C. McDonald stopped Embree at center for no gain. Moody made ten through center, Wommack making the tackle. Spotti threw Rhode for a five yard loss. A pass, Embree to Wade, netted the Bulldog 15 yards. Moody made one at center.

Kirksville ball, first down, on the Miner 20 yard line. Rhode went through guard for 8 yards, Wommack bringing him down. Embree made seven and a first down through tackle. Wade went off tackle for three. Moody hit the line to place the ball on the one foot line. Embree crashed through tackle for the touchdown. Bacon missed the kick for the extra point.

Score: Miners 0; Kirksville 12.

Barton kicked off to Towse on the 15 and he returned to the Miner 40 yard line. Towse made 4 yards off tackle. Williams got five yards off tackle. Towse went through center for one yard and a first down. A pass, Towse to Spotti, was broken up by Bacon. Williams made 4 yards at tackle. McDonald hit the line for 9 yards and a first down. Wade threw Williams for a five yards loss. Towse got three yards over center.

A lateral pass, Towse to Williams was good for 3. A lateral pass, Williams to Towse, and a forward pass, Towse to McDonald, was broken up by Embree. Kirksville ball on their own 37. A pass from Embree to Bacon netted 28 yards. Bacon went off tackle for 3. End of third quarter. Score: Miners 0; Kirksville 12.

Bacon got 15 yards off tackle. Gibson stopped Moody for no gain. A pass, Bacon to Atteberry, was incomplete. Bacon made 1 at the line. On an attempted place kick, Atteberry fumbled and lost one yard. Miners ball on their own 16 yard line. A lateral, Williams to Towse, lost two. A pass, Towse to McDonald was incomplete. A pass, Towse to Williams, was intercepted by Hanna, fumbled, and caught by Wommack before touching the ground. Miners ball on their own 37. McDonald at end for no gain. A lateral, Towse to Williams, netted 6. A pass, Towse to Spotti, was intercepted by Hudson on the Kirksville 49 yard line.

Moody made four at guard. Bacon added 2 off tackle. On an attempted pass, Kirchoff broke through to nail Embree for a 12 yard loss. Gibson crashed through to block Bacon's punt and the ball rolled back to the Kirksville nine yard line, where Spotti recovered for the Miners and was downed. On a lateral pass from Towse to McDonald, Jimmy went around end for the score. Kirchoff's placement for the extra point was good.

Score: Kirksville 12; Miners 7.

Kirchoff kicked off to Rhode on the Kirksville 21 yard line and he was run out of bounds there. Rhode

made 2 at guard. Embree went through tackle for 7. Rhode hit between center and guard for 15. Kirchoff stopped Rhode for no gain. Embree went off tackle for 10 yards and a first down. Spotti and Jim McDonald smeared Rhode for a 4 yard loss. A pass, Embree to Doyle, was broken up by McDonald. Doyle punted over the end zone. McDonald crashed through tackle for 9 yards. Towse hit center and lost one yard. Williams made one through the line. Towse hit center for two and a first down. Towse went through the line for 15 yards. Towse made four yards off tackle. A pass, Towse to Kirchoff, was good for eight yards and a first down on the Kirksville 27 yard line.

McDonald made nine yards at end. Towse went through center for four yards and a first down. Miners penalized five yards for too much time out. Towse, on an attempted pass, was thrown for a 16 yard loss. Miners penalized for five yards, too much time out. A pass, Towse to Schwab, was batted down. A pass, Towse to Kirchoff, netted 18 yards. The game ended with the Miners in

possession of the ball on the Kirksville 22 yard line.

Score: Miners 7; Kirksville 12.

MSM

Photographer to Be
Here Nov. 5 and 6

Alan McEwan, official Rollamo photographer, will be in Rolla again Nov. 5 and 6, to take pictures for the Rollamo. This will be the last chance to have pictures taken, so lets everyone set aside these dates.

MacEwan has cut his sitting prices 25 per cent. The new prices are \$1.50 for two sittings and one

cut. All additional cuts are 50 cents each.

If your picture was taken last year and you do not desire a new picture, the cuts for this year's book will be 50 cents each.

Members of the following organizations should have their pictures taken: Senior Class, Junior Class, Sophomore and Freshman Classes' officers, Sigma Nu, Kappa Alpha, Kappa Sigma, Pi Kappa Alpha, Prospector Club, Lambda Chi Alpha, Mercier, Tau Beta Pi, Theta Tau, Senior Council, St. Pats Board, Rollamo Board (not tryouts), The Missouri Miner, Inter-fraternity Council, Satyrs, Officers of A. A., Officers of M. S. M. Players, and Quo Vadis.

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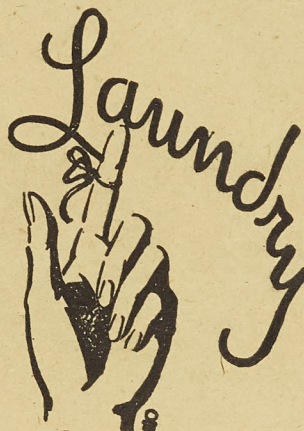
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"Nature in the Raw"—as portrayed by the noted artist, Karl Godwin ... inspired by the fierce and brilliant assault by Clive and a handful of followers, outnumbered 20 to 1 by savage hordes of bloodthirsty natives, at the Battle of Plassey—the birth of the British Indian Empire—as described in the famous Henty book, "With Clive in India."

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They are *not* present in Luckies
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