



05 Oct 1917

## The Missouri Miner, October 05, 1917

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### Recommended Citation

"The Missouri Miner, October 05, 1917" (1917). *The Missouri Miner Newspaper*. 95.  
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# THE MISSOURI MINER.

Missouri School of Mines and Metallurgy, Rolla, Mo.

Vol. 4, No. 4.

Friday, October 5, 1917.

Price 5 Cents.

## TO THE STUDENTS.

September 28, 1917.

Probably all of you know that the Faculty has been considering the severe hazing given by seven members of the Sophomore Class to a member of the Freshman Class last week.

After a very careful consideration of all phases of that incident, the Faculty has reached the conclusion that it is practically impossible to have controlled hazing, as contemplated in last year's agreement.

The Student Council is of the same opinion.

Believing that the trouble was caused by the hazing customs and practices, and not by willful maliciousness on the part of the participants, the Faculty has decided not to punish the individuals in this case, but to do away with the system.

The Faculty has unanimously decided to abolish all hazing, and has made expulsion the penalty for violation of this rule. In other words, all hazing or things to provoke hazing are to be discontinued.

This does not apply to the class contests on Green Cap Day.

THE FACULTY.

## Military Training Started Monday.

Monday afternoon at 4, the Sophomores and Freshmen assembled in front of Parker Hall for their first lesson in military training. Some of the boys were not present, due to the fact that they did not know that it is compulsory. Under the new ruling all first and second year men are required to drill from 4 to 5:30 every Monday, Wednesday and Thursday. Men out for football are exempt during the football

season. The faculty committee in charge of the training is Muilenburg, Armsby, McConnell, McRae and Wallis. These men will be assisted by the men who went to the officer' training camps last summer.

## Greetings From the National University of Mexico.

R. Chavez, who returned from Mexico a few days ago, brought back the following letter from the National University of Mexico, Mexico City. For the benefit of those who are rusty on their Spanish a translation of the letter is printed below the original. Mexico, 7 de septiembre de 1917.

Sr. Raul Chavez,  
Presente.

Muy senior mio:—

Sabiendo que usted va a los Estados Unidos a terminar sus estudios de Ingeniero de minas, en la Universidad de Missouri, esta Universidad Nacional aprovecha la oportunidad para que sea usted el conducto para llevar una salutación a dicha Universidad con el fin de que nuestras relaciones se escretechen, suplicandole nos envíe cuantos programas, libros de texto, periodicos y demas publicaciones vean la luz y de esta manera hacer el intercambio de nuestro Universidad con las de aquel Pais.

Deseando a usted exito en su carrera, quedo suyo, affmo. atto. y S. S.

JOSI N. MACIAS.

(The Translation.)

Mexico City, Sept, 7, 1917.

Mr. Raul Chavez.

My Dear Sir:—

Knowing that you are going to the United States to finish your studies in Mining Engineering, the National University takes advantage of this oppor-

tunity to let you be the means of sending to the University of Missouri our sincere salutations in order that close relations may be started. We will also ask you to send us programs, catalogues, booklets, school papers, and other publications, which we will also do, and in this way establish an interchange between our University and those of the United States.

Wishing you success in your career, I am,

Yours cordially.

JOSI N. MACIAS,

Rector.

## Military Training in Colleges Gets Boost.

The necessity of inaugurating a course in military training at the University appears all the more necessary when the plans of the war department for the third training camp have been announced. No more student officers will be chosen from civilians, but instead ninety per cent of these will be selected from the enlisted ranks of the national army, the national guard, and the regular army. The other ten per cent will be drawn from colleges which have courses of military instruction. The changes in the plans were for the purpose of giving a drafted man the chance to win a commission.

H. F. Valentine is in the Jewish Hospital at St. Louis, where he is now in the care of a specialist.

F. G. Moses, B. S. '14, E. M. '17, has accepted the position of Chief Metallurgist for the U. S. Bureau of Mines, in charge of the Salt Lake City Station.

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Down on the corner of 8th and Pine most any night you will find a bunch of boys discussing the "Pep that used to be." The fact that they are talking history implies that there is something lacking now. Right now is the time we need action, and not post mortems. Right now is the time when we should not stand around saying that the old boys had pep, but is the time when we must get in action, and show that the "new" boys have real spirit. There are over thirty men out on Jackling Field every night fighting for places on the football team. And where are the other 175 men? There is absolutely no reason why they should not be decorating the bleachers with their ornamental personages. Get out and show the team that you are interested—that you are with them. At least go out often enough that you will be able to recognize the men in their football togs, so that when the first game of the season is played you will not have to ask, "Who made that tackle?" There is some excuse for the underclassmen not being out three nights a week, but not on the nights when there is no drill. There is absolutely no reason why the upper classmen should not be out on the field every night boosting, encouraging, enthusing the players. Rolla does not need you down town to help run the town. Get into the spirit, and for the love of Mike get in quick. We've got a good, new football machine which we are going to try out a week from Saturday. Go out and look her over, so you will recognize her. And on the afternoon of the first game each and every one of us must meet down town, march in a body to the field, and make our cheers reverberate throughout the Ozark Mountains. That will be something like the "old time" pep you hear about on the corner of 8th and Pine.

**SENIOR COLUMN.**

By the time students read this column most of the Senior Class and part of the Faculty will be on their way to St. Louis. Some of our classmates are staying over to hear Evangelist Linden's lecture on "Amusements," the rest of us will be enjoying them.

The Seniors and the Professors in the Metallurgy Department enjoyed a nice large watermelon just before Met. 5a Monday. The watermelon was furnished by the Housholder & Geib Catering Co.

We are proud to note that the list of officers for the military training department at M. S. M. include our classmates, Clark and Flanders.

Raul Chavez finally made his appearance this week. We are all pleased to have him enrolled with us again. During the past summer he has spent his time in Mexico City and Chihuahua, Mexico. He came to Rolla from his home in Chihuahua, and reports a very profitable summer.

"Pat" Hoo, '17, is in Pittsburgh, Pa. He sent the Miner \$2.00 for a FOREIGN subscription. Geib remarked that he wondered if Pat was stepping out with the Dutch girls.

H. T. Tao, ex-'18, has telegraphed to find out if it will be possible to take the Senior trip with the class. He is very dissatisfied at Houghton with the Michigan School of Mines, and hopes to be able to enlist in our ranks again.

We are wondering why the freshmen expect to give their smoker while we Seniors are away. We certainly thought they would give us a chance to enjoy their hospitality.

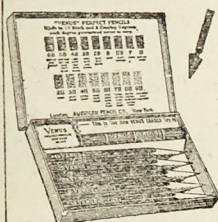
Speed Leonard is now teacher's helper at the electrolytic zinc plant of the Great Falls Reduction plant of the Anaconda Copper Mining Co., Great Falls, Mont.

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### Football Outlook.

Only one week more of good hard practice before the game. The Rolla Miners are looking better every day, and are all anxious for the oncoming season.

Coach McConnell is coaching our Miners like they have never been coached before. As yet scrimmage has not been held every night, because in too much scrimmage the men are bruised up considerably, and are very apt to become stale. The noticeable absence of necktie tackles this year is pleasing to the eyes of the spectators, as is all the other branches of the game.

Coaches McConnell and Higley have installed a very important point of the game which has been absent from this institution for some time, and that is blackboard work. About three times a week from 7 to 9 P. M., all our moleskin proteges go to Jackling Gym for a lecture and quiz covering play signals, etc.

The past week has shown up several men to good advantage, particularly is this true of one new freshman by the name of Denison. He weighs about 175 and can run like a deer and make the opposing line feel as though it were hit by a howitzer when this youngster carries the ball. Another freshman, McClarkan, who has had a bad wrist, has been unable to do much as yet, but his few performances and past record, along with his educated toe, will undoubtedly prove to be a point getter. Of White and Johnston little can be said, as their past records speak for them. On the line Capt. Bruce and Dowd, veterans of last year, are doing the same high grade work as in previous years. Every one on all the 30 guards are giving everything they have, and with this end in view our Miners are going to bring home the bacon.

The game with William & Vashti, to be played in Rolla Oct. 26, has been cancelled, due to the fact that Mr. Mars, the war king,

decided upon too many of the men from the above mentioned college. It is the hope of the Coach that some other team may be scheduled to play this date. Word was received here Monday from the manager of the Colorado School of Mines eleven asking for a game. This game, should it be arranged, would prove a world beater, as the rivalry of two mining institutions on a football field would be an unseen sight. Rolla is eager for the game, and Golden is of the same opinion, so should the game be played in either St. Louis or Kansas City this fall, watch the muck fly.

### Mass Meeting.

Friday, Sept. 28.

The Junior Class had charge of the Mass Meeting, Bob Marston presiding. Several matters of importance were brought up.

Dr. McRae explained the resolution of the faculty in regard to hazing, and its reasons for abolishing hazing. He also stated that although hazing is to be a thing of the past, still the school traditions, such as Green Cap Day, were to be continued. Dr. McRae also made an announcement of the compulsory military training for the underclassmen.

Prof. Muilenberg, for the present in charge of the military training, made announcements concerning the time, place, and men who will be required to take the training.

Wheeler told of the work being done to furnish libraries for the soldiers, and made a plea that M. S. M. help.

J. B. Duga, editor-in-chief of the Miner, Wm. Reber, editor-in-chief of the Rollamo, and Bob Marston, president of the Athletic Association, were appointed judges in the contest for the Spilman prize.

J. R. Nevin, '17, is doing mapping and assaying for the Calumet Mine, Lund, Utah.

**THE MISSOURI MINER.**

A weekly paper published by the Students, in the interest of the Alumni, Students and Faculty of the Missouri School of Mines and Metallurgy, Rolla, Mo.

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

**STAFF.  
Editorial.**

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F. H. Geib.....Associate Editor.  
Geo. D. Clayton, Jr.....Assistant Editor.

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**Class Reporters.**

Senior Class.....E. R. Housholder  
Junior Class.....E. E. Ashlock  
Sophomore Class.....C. B. Hummel  
Freshman Class.....L. R. Short

**Published Every Friday.**

Subscription price. Domestic, \$1.50 per year; Foreign, \$1.75; Single copy, 5 cents.

**Probably Need Money.**

One of the citizens of Rolla, who is a friend of the student body at M. S. M., has handed us a tip that the new city administration of Rolla intends to enforce a city ordinance prohibiting hopping trains in the corporation limits. Already men have been sent down to the station at train time to make a list of names.

A word to the wise is sufficient.

Charle Fenelon and W. W. Keeler, '20, have joined the army as topographers, and have gone on tonight sss....., opcdU etaoinet to Ft. Deven, Massachusetts. They expect to sail for France about Christmas. Fenelon writes from Washington: "As soon as I get paid, I will subscribe for the Miner. Major Walker has gone to France, and he thinks M. S. M. boys are all right."

Subscribe For The Miner.

**Class Fight at Rolla.**

From the Hannibal High School Black and Red Review.

The class fight at Rolla is one of the main events of the year. The fight between the Freshmen and Sophomores caused great commotion.

The Freshmen, who are always the goats, were compelled to sleep at the fair grounds. They were, for their own benefit, to stop every car which passed.

Mort Wilson, one of the former students of H. H. S. who thought, because he had played on the H. H. S. football and basketball teams that he could stop an automobile, tried it; but much to his surprise a hand from the interior knocked him from the car.

The next morning the class fight began. Sixty freshmen fought against 125 sophomores, and at the end of 9 minutes the Sophomores had whipped the Freshmen. The Freshmen were then taken before 4,000 people, where they were lined up with their left arms tied together, their right legs painted to the knee, and their faces painted with green. Lined up in this way they were made to kiss the boy on the side of them.

After this part of the entertainment, these Freshmen had to swim on the ground from the Athletic Field to Grand Stand.

Homer Hollingshead, another former student of H. H. S., was made to sing a song before this assembly of people.

The Freshmen were then marched into town to get little green caps, which they are compelled to wear the whole year (if caught without them they must watch out for the barrel staves). They were also made to sing (The Minor) Rolla's class song. If they couldn't sing it they got the paddle.

L. J. Zoller is now doing geology work at Torrey, Wayne Co., Utah. He reports that he may be back for the second semester.

**SPECIAL!**

Friday Night  
Rolla's Theatre

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AND  
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IN

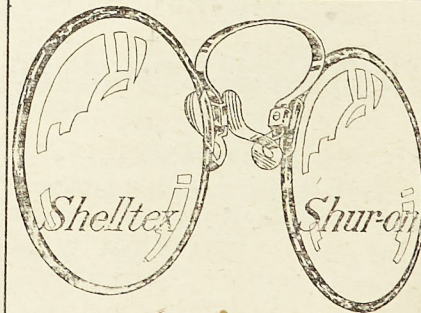
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WE CATER TO

**STUDENTS****G. M. Lockner,**

WATCHMAKER,  
JEWELER  
and  
OPTICIAN.

## JUNIOR COLUMN.

Kit Morris is out trying for the team this year. We would like to see him in a few games this year.

Lottman is spending his spare moments designing a steam engine. Although the details are a secret, it promises to mark a new epoch in steam engineering.

A new man has signed up as Junior. His name is McCarthy, and he speaks with a decided German accent.

Niece, although somewhat late, comes back with the wonderful promise that he is going to attend lectures up at Norwood Hall this year, and not out on Salem Avenue.

It is stated on very good authority that when Goldsmith first ordered ice from Strobach he asked for the very coldest which he had on hand.

Prof. Dickerson tells us that for the last four or five years displacement pumps are being displaced. What puzzles us is this: What were they doing before that?

Oyler is another man who made his first appearance on the football field during the last week. A few experienced men like Oyler will make the coaching job a whole lot easier orf McConnell.

Remember the plans that were voted upon at the meeting Tuesday night. If you can not remember, ask Ben Nichols. He will tell you.

The Prof. in Geology: "Geologically, we have plenty of time."

Benton, in a suppressed groan: "Yes, all or ten more minutes."

## SOPHOMORE COLUMN.

Some Sophomores have suggested that by sending their descriptive geometry books to the soldiers they may stimulate a little fighting spirit.

The C. E. mineralogists have

discovered a new mineral—Aintitasite.

The class bums outwitted the ever alert breakies the other, and participated in a very enjoyable journey to some of the nearby hamlets.

The members of the Quant. class are in solutions up to their ears now. It is only theoretical, however.

When Sherman tried to scratch his head last Monday he knocked the hat off of a man he was standing next to.

Sophomores, see Hurst and pay your dues as soon as possible.

The Soph have been introduced to Max and Minnie Mum this week. They could hardly say, "I am glad to know you."

Ask McMillan the percentage composition of the \$3.00 worth of herb juice he bought Tuesday.

## FRESHMAN COLUMN.

At the meeting of the class on Monday night it was definitely decided to give the smoker on November 13. It is predicted by a few learned frosh that this will be the greatest smoker ever pulled off at M. S. M.

The Hannibal High's Red and Black Review sticks up for their twentieth century Sampson (Mort Wilson.) They state that after tackling the onrushing class of Sophomores it took ten of the huskies to finally subdue and tie the pride of Hannibal. It is also rumored that he is some tackler. Remember the Dodge.

"Buddy" Hughes, of Springfield, followed in the steps of his predecessor, Witty, in the respect that he is wearing a well timed wrist.

The class heartily responded to the call of the bugle.

It is again rumored that Albert was indulging in the noble sport of snipe hunting on Tuesday night. His party consisted of three Freshmen and three Sophomores. The party was well

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equipped this time, having with them snipe feed imported from the convention of "Snipe Hunters" now in session at Chicago. Owing to a bright moon, and that a white lantern was used instead of a red, the hunt was not quite as successful as expected. Albert returned Wednesday morning at seven o'clock. The snipe remained at Turkey Hollow.

P. S. Clayton agrees with Albert that a certain species of Ozark snipe are equipped with horns.

### Theta Tau Pledges.

At the first election of the year, held on Thursday, Oct. 4, five new men were elected to the professional fraternity, Theta Tau. They are: W. J. Mann, O. N. Maness, R. S. Weimer, G. L. Triefenbach and V. X. Smiley.

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## Mining and Military Engineers, Past and Present.

The emergencies of the present European war, says the Engineering and Mining Journal, have been of such constant occurrence, and have been met by such brilliant fortitude, especially by the Royal Engineers, that the latter were given a glowing tribute by the British commander in an official dispatch in which he called attention to the splendid work carried out by those "companies officered largely by mining engineers and manned by professional miners."

I have on previous occasions called your Lordship's attention to the admirable work of the corps of the Royal Engineers. This work covers a very wide field, demanding a high standard of technical knowledge and skill, as well as unflagging energy.

The necessity for skilled labor at the front has been so continuous that Royal Engineer units have frequently been forced to forego those periods of rest which at times has been possible to grant to other troops; but, in spite of this, they have responded loyally to every call on their services. Notwithstanding the heavy casualties sustained by all ranks, the esprit de corps of the Royal Engineers is such that the new material is at once animated by the same ideals, and the same devotion to duty is maintained.

I desire to call your Lordship's attention to the splendid work carried out by the Tunneling Companies. These companies, officered largely by mining engineers and manned by professional miners, have devoted themselves whole-heartedly to the dangerous work of offensive and defensive mining, a task ever accompanied by great and unseen dangers. It is impossible within the limits of a dispatch to give any just idea of the work of these units, but it will be found, when their history comes to be written, that it will present a

story of danger, of heroism and of difficulties surmounted worthy of the best traditions of the Royal Engineers, under whose general direction their work is carried out.

It did not take the present war to bring the necessity of engineering knowledge in warfare to the attention of the commanding generals. Our own Engineer Corps, about which so much is now being heard in connection with its augmentation in time of trouble by a reserve of civilian engineers, came into being as an arm of the service in 1846.

The conspicuous services performed in the Mexican War by engineers, which Maj. Wildurr Willing, in "Professional Memoirs," says, "must ever be a source of inspiration and profitable study to their successors in that branch," are interestingly summarized in the "International Military Digest."

The need for engineer troops was first emphasized when Taylor's pursuit of the Mexicans on Texas soil was halted by the lack of pontoon equipage with which to cross the Rio Grande. Authorized on May 15, 1846, the first engineer company was organized under Capt. A. J. Swift, and reached the Rio Grande on its way to the front with Wool's army in October. The river, 800 crossed by means of a flying bridge. Means for other difficult crossings had to be improvised during this march. In the advance on Victoria the next month, the "pick and shovel brigade" rendered the road practicable for the train.

During Scott's operation at Vera Cruz, the engineer company was employed in opening up new roads, destroying the underground aqueduct that supplied the city, locating and constructing (assisted by details from the line) the batteries and siege work, and later in mapping this captured city. Colonel Totten was Scott's chief engineer during this time. When the col-

umn started for Mexico City, the company marched at the rear; after Cerro Gordo and the resumption of the advance from Pueblo, it moved up to the forefront, and with the best transportation. Among its important duties were the improvement of the roads, by which Scott turned to the city to the south; participating in the attack at Padierna and the surprise of Valencia's army; the construction of batteries that bombarded Chapultepec; and an active role in following up that victory and entering the city. The company officers at this time were Lieuts. G. W. Smith and G. B. McClellan.

All told, there were 44 engineer officers in the war, 25 of whom were in the Topographical Engineers. Especially conspicuous were the services of the individual officers on staff duty. Both Taylor and Scott used these officers constantly in reconnoitering the enemy's position; nearly every plan of campaign was based upon their reports, and the attacking columns were often guided by these same officers. Thus Mansfield at Monterey, Lee and Johnson at Cerro Gordo, Beauregard and Tower before Mexico City, and a dozen others made notable performances. It was a striking tribute to the engineers that from their number were chosen five of the council of 12 that decided which point of the city fortifications was to be attacked.

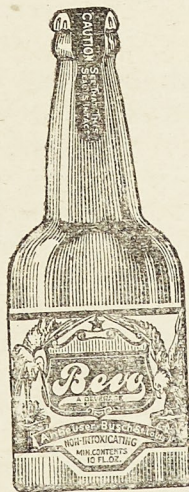
In a recent lecture Prof. R. M. Johnston, Harvard's great military scientist, discussing old and new theories of battle, stated that geometry was first called into the general's aid in the eighteenth century, and it soon became his sovereign master. The eighteenth century thus first brought the engineer into prominence, and he was constantly consulted, at that time, on all questions of time, distance, and formation. He was not, however, given any prestige, but was kept as cook in

the kitchen, to make the broth which the pompously arrayed butler would serve. The wars of the Revolution gave the engineers a somewhat better chance, and in 1794 came the founding of the Ecole Polytechnique. The development of artillery was the chief factor that made for the change of old theories at this time, and it was the artillery that produced Napoleon.



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The machine, a two cycle affair, is the invention of Scott, a local man, and has been on the market for some time. It is a costly machine, and is best adapted for open cut work. The manipulation is the same as a water leyner only that the power comes from a gasoline engine instead of being run with compressed air.

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**Society.**

William Taggart has been stepping out quite a great deal lately. Watch out for the trains, Bill!

Rolla's youngest set reports having three meetings the past two weeks. At these meetings they made up the list of follows they should pledge B. B. B.

Greek letter night at the Linden-wood Revival was well (?) patronized. Six Greeks, all from one fraternity, attended in a body.

Rolla's 400 are to participate in a snipe hunt this coming week. They are to be led by no less a personage than Sr. I. M. A. Nutt Albert, B. S. in Snipe Hunting at Missouri School of Mines.

Courses in snipe hunting are to be given to the society of Newburg next week by Mon-

sieurs Starkey and Duga, assisted by a certain frosh.

Something is in store for the students and young ladies of Rolla. F. H. Geib has been wearing a white shirt for the last week. (Some shirt.)

Contributions for the society column are gladly received, and are solicited from students and town people. Young ladies, especially, are requested to contribute to this column.

The October number of the Bulletin of the American Institute of Mining Engineers, which has just been issued, contains a 20-page article on "The Geology and Mineral Deposits of the Ozark Region," by H. A. Buehler, the State Geologist. The article discusses the stratigraphy and ore deposits of various districts, and is accompanied by maps and diagrams.

## ATTENTION, ALUMNI

Rolla, Mo., October 5, 1917.

Dear Alumnus, you who haven't subscribed to the Miner:—

We have been told that THE MISSOURI MINER is next to its Alumni, the best booster the school ever had. We have tried, and are still trying to make it an even bigger booster, by printing such news as will interest you, and which will keep you in touch with the School of Mines. We feel sure that if you keep in touch with it, that you are going to boost too.

Our aim has been to get the name of every Alumnus on the mailing list of the school paper. Yours is one of the names not on the list. Therefore, we are asking you to send the slip below, together with one dollar and a half for which we will send you THE MISSOURI MINER for one year. We think it worth the money. If you want any back numbers, we shall be glad to send them to you.

Won't you send in your dollar and a half, and help us to boost M. S. M., which is really a boost to yourself?

Very respectfully,

THE MISSOURI MINER

MR. O. GOLDSMITH,  
Business Manager Missouri Miner,  
ROLLA, Mo.

Dear Sir:

Enclosed please find \$ \_\_\_\_\_, You may  
send the Missouri Miner for \_\_\_\_\_ years to  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_