



04 Feb 1921

The Missouri Miner, February 04, 1921

Follow this and additional works at: https://scholarsmine.mst.edu/missouri_miner

These newspapers reflect the attitudes, perspectives, and beliefs of different times. Neither the library nor the university endorses the views expressed in these collections, some of which contain images and language which may be offensive to some readers.

Recommended Citation

"The Missouri Miner, February 04, 1921" (1921). *The Missouri Miner Newspaper*. 231.
https://scholarsmine.mst.edu/missouri_miner/231

This Newspaper is brought to you for free and open access by Scholars' Mine. It has been accepted for inclusion in The Missouri Miner Newspaper by an authorized administrator of Scholars' Mine. This work is protected by U. S. Copyright Law. Unauthorized use including reproduction for redistribution requires the permission of the copyright holder. For more information, please contact scholarsmine@mst.edu.

Prof J. B. Butler

THE MISSOURI MINER.

Missouri School of Mines and Metallurgy, Rolla, Missouri.

Vol. 7, No. 21.

Friday, February 4, 1921.

Price, 8 Cents.

BIG BASKETBALL GAME TONIGHT WITH DRURY; OLD TIME RIVALS.

Fistic Contest Between Halves.

"Spoof" Walker vs. "Snipe" Schaeffer.

Altho the Miner quintet returned home with only one scalp to their belt, they are still at the half-way mark in the percentage column, and bid fair to start on the upward climb with tonight's fracas. The last game of the road trip with Concordia Seminary was not a Conference game and only one of the two games played with Westminster goes into the official standing, leaving the squad with a "two all" count.

During the week Coach Dennie has been pointing his squad toward tonight's game with Drury. The Panthers are a strong aggregation, and will give the Miners a go for the honors. Drury lost to Springfield, but defeated William Jewell only last week, and will be prepared to attempt the feat again tonight.

The Miners returned from their trip with only minor injuries, Rohloff having wrenched his back in the Westminster game. He has been reporting every evening for practice, however and will probably be able to enter the game this evening.

The team has had its off day, and is "rarin' to go." The road trip developed several new weaknesses, and the men are of one opinion, namely, that hard work and real team work will

Continued on Page Ten.

CURATORS ESTABLISH AR- MY SCHOLARSHIP AT M. S. M.

At a recent meeting of the Board of Curators two permanent Military Scholarships were established at M. S. M. A school scholarship under the rules of the State includes all laboratory, matriculation and tuition fees during the four years of the college course. The scholarship will be awarded by competitive examination to enlisted men who are completing their army service, or will complete it during the year in which the scholarships are awarded. The present plan is that one man will be selected from Camp Funston and one from Camp Pike, both posts being in the Seventh Corps area of the Military Divisions of the United States. The highest ranking man in the examination held at each camp will be the winner of the scholarship.

This action is only one of the many attractions the Army offers as a special inducement in recruiting men for the army.

TROWEL CLUB MEETING.

At a meeting of the Trowel Club Wednesday evening, February 3rd, the following officers were elected for the coming year: President, Virgil L. Whitworth; Vice-President, G. V. Coffey; Secretary and Treasurer, Thomas M. Thompson; Sergeant-at-Arms, Kurt H. de Cousser.

After several very interesting questions had been discussed, and the general routine of business dispensed with, the meeting adjourned.

TRACK MEET WITH WASH. INGTON U. APRIL 16— MEN START LIMBERING UP.

Arrangements have been made for a track meet with Washington U. for April 16, to be held as usual in St. Louis.

Assistant Coach Kamp has been putting the men thru their paces during the last two weeks. The men are not being pushed hard, but are limbering up their muscles for the stiff work that is soon to follow.

There is a large squad out nearly every night, but as yet the men are not reporting regularly. There are a number of events for which there are no candidates. We need men for the sprints, broad and high jump, and the javelin, the last named event being added only this year.

Plans are also being laid to send a track team to the conference meet to be held at Kirksville in the spring. We have plenty of material from which to draw a track team, and Coach Kamp wishes the men to turn out every night, so that M. S. M. can have a good track representation when spring opens and the cinder track becomes available. Let's put out a winning team this year.

E. W. Buskett, '95, has been in Rolla for the past week doing some special research work on the treatment of zinc and zinc ores. Mr. Buskett has been located at Joplin, Mo., for the past fifteen years as consulting engineer.

PRESS CLUB CONTEST CREATES MUCH INTEREST

Since the announcement of the rules governing the Press Club contest much interest has been shown among the student body, especially in the matter of choosing a subject and finding material for their articles. Quite a few have declared their intentions of going after the \$25.00, and a few articles have been turned in at the Miner box in Mr. Kahlbaum's office. This should be considered as a very good start, considering that the contest has been running only one week.

To those who have shown little interest, let us say that this prize is within the reach of very one. Any person who has any literary talent whatever has a chance either by writing a technical article or an editorial news article. The only restrictions being that the article must not exceed 500 words, and that the editorial must pertain to some school activities. Do not think that it is too late to start work on it; the contest runs until March 1st. All articles must be in the Miner box by four o'clock on that date.

Never before has a Prize Scholarship been offered at M. S. M. The winner will not only be the first one to win the Press Club Scholarship, but the first one to win a scholarship at M. S. M. It is expected that some very excellent material will be developed in the contest, and the Press Club is already planning to make the contest an annual affair, next year increasing the scholarship to fifty dollars, or a first and second prize of \$30.00 and \$20.00 respectively.

**FOR FRESH OYSTERS
AND
HOT AND COLD LUNCHES
CALL ON US
PETRAGLIO'S**

Hello Boys!

THIS IS PITTS

THE JEWELER

YES. ALL WORK FIRST CLASS. AND PROMPTLY DONE.

PRICES REASONABLE

OFFICE WITH THE NORTHERN OPTICAL CO.,

8th Street, Rolla, Missouri

WHO'S WHO.

Eureka! At last we have found it. What, you ask. Why, where "Bugs" Wheeler spends his nights when he disappears so mysteriously. The Society for the Promulgation and Dispersion of Gossip in the City of Rolla has at last reported as follows:

In the beginning the Junior Class appointed a Committee of Two designated the Decoration Committee. Lately it has been learned this is a misnomer, for it is actually a Devotional Committee. "Bugs" has become as zealous in his devotion to—a—planning the decoration for the Gym that he has moved his trunk to the home of his co-worker.

Dr. Boyce: Salt is almost indispensable; but suppose the supply should become exhausted, what would we use as a substitute?

"Porky" Taylor: Why! Potassium Chloride.

(Isn't that fine from a rising young chemist? such a nice boy as Houston?)

F. J. Gibbons is General Superintendent of the Great Western Copper Co., located at Courtland, Ariz.

Subscribe For The Miner.

THE ROLLA HERALD

Established in 1866
CHARLES L. WOODS,
Publisher
JOB DEPARTMENT
Second to None

Get your Cards, Invitations,
and all first class Job Work
done at the

HERALD OFFICE
Student Note Book Paper
For Sale

SEE

"BUS"

THE MAN

WHO REALLY SHINES

MURRAY'S BARBER SHOP

DEPOSIT WITH

ROLLA STATE BANK

SAFETY AND SERVICE

DEPOSITORY M. S. M.

ANOTHER LOT JUST RECEIVED

OF

M. S. M. SCHOOL PAPER

FORM "B"

FORM "D"

MANILLA FOLDERS

ALSO A COMPLETE LINE OF EVERYTHING NEEDED
IN DRAWING MATERIALS

Triangles

Drawing Instruments

"T" Squares

Drawing Inks In All Colors

FULL LINE OF TEXT BOOKS

FRESH BOX AND BULK CANDIES

AT GREATLY REDUCED PRICES

Send Your Laundry Home in a Par-Po
Laundry Bag—Absolutely The Best

OUR SODA FOUNTAIN

IS IN FULL WORKING ORDER AT ALL TIMES

ICE CREAM DELIVERED ANY PLACE

THE STUDENTS STORE

ACROSS FROM THE POST OFFICE

VOCATES.

At present there are seventy-eight men at M. S. M. taking advantage of the opportunity offered by the government to obtain a college education. These men are to be commended upon the manner in which they have entered into the spirit of the work and of the school, twenty of the men are registered in the regular four-year collegiate course in Mining Engineering, forty-seven in Topographic Engineering, seven in Highway Engineering, and one each in Structural, Electrical and Mechanical Engineering. One man has completed the four-year course, and is working for a M. S. degree in geology. The department of Vocational Education is steadily growing, new men are arriving every week. Major C. E. Cooke and Prof. C. E. Bardsley are to be complimented on the competent manner in which the business of the department is being handled.

Dr. Skinner, Chief Medical Adviser for the Bureau of War Risk Insurance; Mr. Head, D. V.O. of Dist. No. 9; Dr. Hendricks, Chief Surgeon, Bureau of Public Health; and Mr. Gieze, Coordinator of Ames, visited the Vocational Class at M. S. M. Monday of this week. Dr. Skinner discussed the present medical aid given Vocational men, and explained the legislation now before Congress which, if passed, will provide ample medical attention to disabled veterans.

Lang, Crippen, Mullen, Hogan, Schrimp, McDonnell and Terens are the latest men to join the bunch. We hope to see you at our meetings, fellows.

With seventy-nine Vocates enrolled we ought to have a "rip snorting" representation in St. Pat's parade. Come on with

suggestions at the next meeting. Better still, report them to Campbell as they occur to you. There should be some original ideas in this mob.

We would like to see the new men line up for the Miner. You can't afford to do without it, fellows.

Any one desirous of signing up for "Equestrian Lab." see the Major at his office. He has no mount, but his class demonstrations are realistic.

Lost, Strayed or Stolen—Vocate, 15 hands high, decided hitch in his "get along." Last noticed rushing up to men asking "why it was sometimes colder in winter than summer." Suffering from acute attack of "Physiography." Return to Bardsley.

Prof. in Internal Combustion Engines: "This theory hasn't many supporters now."

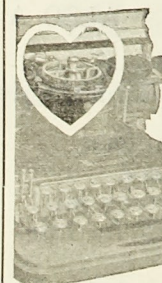
Dick Stroupe (softly): "It ought to buy a pair."

SATYRS ENTERTAIN.

The Satyrs of the Class of '23 entertained last Saturday evening with a banquet at the Mercier Club rooms in honor of the inactive members of the Class of '22.

EVERYTHING TO EAT AND WEAR SCHUMANS

Rolla's Biggest and Best Store.



Particularly
for Students
The Great Writing
Machine
with
Interchange-
able Type

All Business, All Sciences, All Languages may be had on ONE machine 365 different arrangements of type and languages, including Greek, Armenian, Chinese-Phonetic, and all modern European languages; also, type set for Engineering, Chemistry, Astronomy, Mathematics, etc.

Lectures, Notes, Theses, may be most beautifully and clearly transcribed on the Multiplex in condensed type.

Monthly payments. Good reliable machines. Machines rented.

A post card will bring full information.

THE HAMMOND TYPEWRITER CO.
505 East 69th Street New York City
St. Louis office, 502 Pine Street.

GO TO

C. H. DENT

FOR YOUR

MERCHANDISE WANTS

The Grant House Corner

Experienced.

Reliable.

DR. F. C. NIEMILLER,
DENTIST.
ROLLA, MO.

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.**

H. O. Norville,.....Editor-in-Chief
H. L. Leonard.....Associate Editor
E. S. Wheeler.....Athletic Editor
A. B. Wilkerson.....Assistant Editor
Joe M. Wilson.....Cartoonist

Business Management.

K. W. Booker.....General Manager
W. F. Netzeband.....Business Manager
W. K. Teller.....Asst. Bus. Mgr.
Herron Hollow.....Advertising Manager
S. M. Burke.....Circulation Manager
G. A. Zeller.....Asst. Circ. Manager

Issued Every Friday.

Subscription price: Domestic, \$1.75 per year; Foreign, \$2.00; Single Copy, 8 cents.

WHAT ARE THEY DOING?

With St. Patrick's only six weeks off, there doesn't appear to have been any very extensive preparations made for the occasion. Music and costumes are commodities that can not be picked up at random on the spur of the moment during the St. Pat's season. If the Junior Class has engaged these it is well and good but from all reports no orders have been taken for costumes, and no Junior seems to know of any orchestra having been engaged.

Practice has not started for the Junior Play, and even at this late date nobody seems to know definitely whether one will be given or not. The play is a very efficient means of raising money, and one that should not be overlooked. So far as can be learned no practicing has begun for the Minstrel, while at this time last year the

thing was well started.

Several Juniors say that there has not been a meeting of their class for about two months. A project the size of this celebration cannot be properly run without conferences of all concerned in it.

Have the Guard of St. Patrick's Pins been bought for the Seniors? This is a debt which the class owes to the Seniors, and it MUST NOT go unpaid.

If the failure to stage the Junior Play, and the seeming lack of cooperation in preparation rebounds to the class members in the way of high class dues it would seem that the fault could only lie at one door, that of the class management...

Come on, Juniors, let's see you snap out of it. Do not fail in your unwritten obligation to put before the school a real St. Pat's Celebration.

WHO'S WHO.

William "Grampa" Seigle, after having seen Market Street, proceeds to tell us he comes from St. Louis. Doesn't like the woman and firmly believes a girl should not occupy the mind of an electrical engineer. Will let you call him anything but an electrician. He believes an electrician and an Electrical Engineer belong to two different worlds, and should never be entwined. Smokes, but otherwise has exceedingly good morals, but—where was he the night of February 2nd?

DUNHAM'S
BARBER SHOP
FIRST CLASS SERVICE

"Give Us A Trial"

**ANNIVERSARY DANCE
WELL ATTENDED.**

The dance celebrating the sixth anniversary of the establishment of the Missouri Miner in the school was a social and financial success. The attendance was large and varied. We were glad indeed to see the faculty turn out in such large numbers. It is evidence enough that they are still with the student body in fun as well as in work. We trust that they had a good time, and we really believe that they did.

There were also several out-of-town guests at the dance.

**REGISTRAR HAS
NEW OFFICE.**

The Sanctum is now located in his new Sanctorium. As we go into Parker Hall we find that Room 138 has been fitted up with a roll top desk, filing cabinets, book cases—filled with books—and all the modern equipments customary to a well equipped and up-to-date Registrar's office. Outside of class room hours Prof. Dean can always be found in his new office awaiting a chance to tell the student he is carrying too much work and will be required to drop a few hours.

**TAU BETA PI
ANNOUNCES PLEDGES.**

The following members of the Junior Class were pledged to Tau Beta Pi at Mass Meeting Friday: E. W. Rembert, honor man; M. L. Frey, E. S. Wheeler, J. F. Hosterman, W. H. Dunlop, D. F. Updike, J. E. Jewell, H. S. Crawford and W. H. Baxter.

The Geology Department has received many queer answers to exam. questions, but it took a C. E. student to spring this:

Prof.: "Define exploitation."

Student: "Exploitation is the decay of plants and animals, which form fungi, humus and bacteria."

THE ROLLA POWER PLANT.

An opportunity has arisen for the local chapter of the American Association of Engineers to be of a very real service to the City of Rolla. The bond issue for the improvement of the City Power Plant has passed, and it now becomes a question of how to spend the money. A. A. E. can, if it will, be of very material aid to the citizens of Rolla, most of whom have not had engineering training, by working up plans for the most efficient use of the funds available. This is primarily an engineering problem, and we as engineers should be able to solve it.

BUT—the preparation of such plans will mean work, and lots of it, and unless the members of the organization are willing to help with the work, it should not be undertaken. If the members are willing to help, a committee will be appointed, with the understanding that the committee will NOT do all the work, but will feel free to call on any and all members for assistance.

Talk it over, think it over, and come to the next meeting prepared to discuss and vote on this question.

H. H. ARMSBY,
President.

ALUMNI.

Albert H. Fay, '02, is with the U. S. Bureau of Mines at Washington, D. C. Bulletin Number 95 of that Bureau, entitled "A Glossary of the Mining and Mineral Industry," is by Mr. Fay. It is the most complete glossary of the mining and mineral industry published, and would be a valuable addition to every engineering library. It may be obtained from the Supt. of Documents, Washington, D. C., for seventy-five cents.

F. L. Flynt, '10, has for the

past year been located at Chaffee, Mo., as Asst. Engineer for the River and Cape Division of the Frisco.

K. R. Morgan is now located at Constancia, Cuba, as Asst. Superintendent of the Colonial Sugar Company. Morgan started out as a mining engineer, but for the past ten years has been connected with the sugar industry in Hawaii and Cuba.

E. E. Ashlock, '20, can be reached at 4235 Blaine Ave., St. Louis, Mo. He expects to visit Rolla in the spring.

Robert E. Dye, '12, is located at Cobalt, Ontario, as ore buyer and consulting engineer.

W. B. Mix, '08, is located at Central City, Ky., as mine Supt. for the Madison Coal Co.

C. E. Minor, '04, Supt. of the Aravaipa Leasing Co., is located at Klondyke, Ariz. He writes that he intends to be back for the anniversary celebration next fall.

BASKETBALL FUZZLE.

Miners beat Tarkio.

Drury beats Tarkio.

Tarkio beats Wm. Jewell.

Wm. Jewell beat Missouri Wesleyan.

Missouri Wesleyan beat Drury.

Can you figure out how the Miners should come out with Drury and Missouri Wesleyan? Come out tonight, and see the Miners settle the question with Drury. Are we going up or down?

M. I. A. A. STANDING.

	Won.	Lost.	Per Ct.
Warrensburg	5	0	1000
Westminster	2	0	1000
Springfield	2	0	1000
William Jewell.....	3	2	600
M. S. M.....	2	2	500
Central	1	1	500
Kirksville	1	1	500
Mo. Wesleyan.....	1	1	500
Drury	2	3	400
Maryville	1	3	250
Culver Stockton....	1	3	250
Tarkio	1	3	250

SANDS GROCERY

ONLY THE BEST GROCERIES

HANDLED

And

Only Sold at the Best Prices

CLUBS AND FRATERNITIES

Have You Considered

Our Prices?

We Do Our Best to Please

**STUDENTS
THE**

MERCHANTS & FARMERS BANK

Will be glad to carry your
Checking Account.

You will find it a convenient
and pleasant place.

R. E. SCHUMAN,
Cashier.

BARBER SHOP

TAYLOR MURRAY.

GRANT BUILDING

MAN IS NOT WELL DRESSED

If the Complexion of His

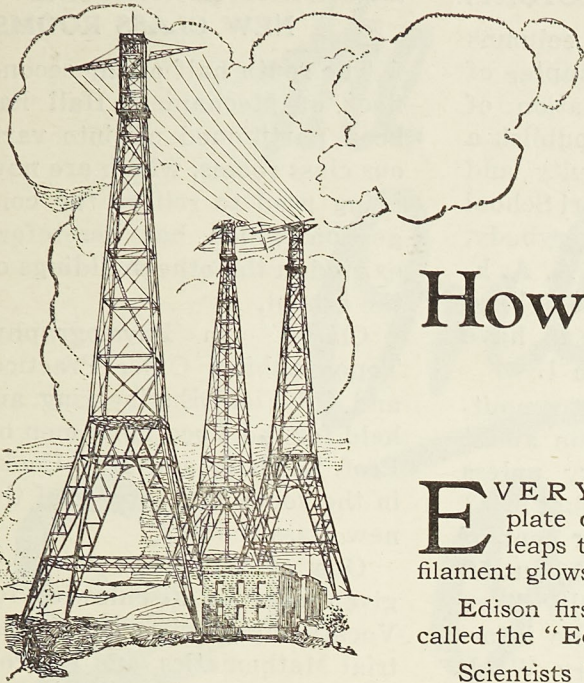
SHOES

Is not as Rosy as his face

SEE

HAROLD

FOR CHINES
DUNHAM'S BARBER SHOP



How is a Wireless Message Received?

EVERY incandescent lamp has a filament. Mount a metal plate on a wire in the lamp near the filament. A current leaps the space between the filament and the plate when the filament glows.

Edison first observed this phenomenon in 1883. Hence it was called the "Edison effect."

Scientists long studied the "effect" but they could not explain it satisfactorily. Now, after years of experimenting with Crookes tubes, X-ray tubes and radium, it is known that the current that leaps across is a stream of "electrons"—exceedingly minute particles negatively charged with electricity.

These electrons play an important part in wireless communication. When a wire grid is interposed between the filament and the plate and charged positively, the plate is aided in drawing electrons across; but when the grid is charged negatively it drives back the electrons. A very small charge applied to the grid, as small as that received from a feeble wireless wave, is enough to vary the electron stream.

So the grid in the tube enables a faint wireless impulse to control the very much greater amount of energy in the flow of electrons, and so radio signals too weak to be perceived by other means become perceptible by the effects that they produce. Just as the movement of a throttle controls a great locomotive in motion, so a wireless wave, by means of the grid, affects the powerful electron stream.

All this followed from studying the mysterious "Edison effect"—a purely scientific discovery.

No one can foresee what results will follow from research in pure science. Sooner or later the world must benefit practically from the discovery of new facts.

For this reason the Research Laboratories of the General Electric Company are concerned as much with investigations in pure science as they are with the improvement of industrial processes and products. They, too, have studied the "Edison effect" scientifically. The result has been a new form of electron tube, known as the "pliotron", a type of X-ray tube free from the vagaries of the old tube; and the "kenotron", which is called by electrical engineers a "rectifier" because it has the property of changing an alternating into a direct current.

All these improvements followed because the Research Laboratories try to discover the "how" of things. Pure science always justifies itself.

General Electric
General Office **Company** Schenectady, N. Y.

FOR
Guns and Ammunition
 SEE
L. C. SMITH & SON
 Hardware of All Kinds

The Strength of
THE NATIONAL BANK
 OF ROLLA
 Is represented by its Resources
 of over a Half Million Dollars
 Why Not Be Among
 The Number Who Do Their
 Business With The
NATIONAL BANK OF ROLLA
 P. H. McGregor, Cashier.

THE
UNITED ELECTRIC
SHOE REPAIRING CO.
 ROLLA, MISSOURI.
M. DAVIDSON, Proprietor
 First Class Work Guaranteed
 We use only the best Leather
PRICES REASONABLE

MAXINE CAFE
 A FITTING PLACE
 FOR THE STUDENTS
 Just Like Meals at Home

ARY & SMITH
 PHONE 71
 SAY BOYS
TRY FOLGER'S GOLDEN
GATE COFFEE

THAT SCHOOL DIRECTORY.

As stated in these columns last week, the local chapter of the American Association of Engineers is going to publish a directory of the Faculty and Students of the Missouri School of Mines, to include everybody, whether a member of A. A. E. or not. The committee is hard at work, and expect to have the book before March 1.

BUT—how can the committee put the information about YOU in the directory unless YOU let them know what it is?

So far about 50 per cent of the student body, and about 50 per cent of the faculty have "come across" with the information. The directory WILL BE PUBLISHED—if YOU don't get your information to the committee YOU will not be in it.

This is a worthy endeavor, and the directory will be of great value to all of us. Let's all help the committee by turning in our dope—NOW. Just hand the information sheet to any member of the committee, or drop it in the C. E. Dept. problem box outside Room 108, Norwood Hall.

MO. MINING AND MET. ASSOCIATION.

There will be a meeting of the Mo. Mining and Met. Association Wednesday evening, February 9th, in the Mining lecture room. Mr. Gross of the U. S. Bureau of Mines Experiment Station will speak of his experiences in Alaska. Mr. Gross spent some time at the Fairbanks Station of the Bureau, and knows whereof he speaks. Everybody is invited, including Frosh. We extend a special invitation to all members of the faculty. Let's have more co-operation. Everybody is urged to be present, as you can't afford to miss this talk.

Subscribe For The Miner.

MECHANICAL HALL HAS NEW CLASS ROOMS.

The south half of the second floor of Mechanical Hall has been partitioned off into various class rooms, which are now being used to relieve the congestion which has heretofore existed in the other buildings of the school.

Classes in Physiography, Topographical Office Practice, and Oil Field Engineering are held for the Vocational men by Prof. Bardsley and Maj. Cooke in the south and largest of the new class rooms.

One of the other rooms is given over to Fischlowitz for Vocational Algebra and Industrial Mathematics, and to Prof. Rhoades, who has classes in Thermodynamics and Internal Combustion Engines.

The third room is the office of Prof. Pritchard, who has classes there in Advanced Calculus, Analytics, and Trigonometry.

Prof. Muilenberg, in Geology Conference: "Are there any questions?"

Silence. Prof. looks over class for next victim. Then: "Where is Guy?"

No answer.

John Bowles: "That seems to be the question; where is Guy?"

ST. PAT'S BENEFIT.

Harvey and Smith have very kindly turned over their pool hall to the Junior Class Friday, Feb. 11th, 1921, the receipts from same to be used by the Junior Class for St. Pat's.

Now, you pool sharks, don't forget that by keeping the tables busy on Feb. 11th you not only get off your "Pool Lab," but you are also helping to enable the Juniors to give you a real diversion this spring.

ALL KINDS OF INSURANCE
SEE RUCKER FOR



*the
Only
One*

that's

4 leaf blend

Crimped

**Full-body—Sparkling Zest—
Spicy Aroma—Cool Burning.**

That's what the 4-leaf blend means. Burley heart-leaf used for "body"; Macedonian for spicy, aromatic smack; Golden Virginia leaf that almost tastes of sunshine; and good, old Maryland for cool burning. All in one cigarette—it's just **got** to be good. And **it is**.

Spurs are rolled and crimped by a **patented** machine. Because of this improved method the cigarettes burn more evenly, and longer.

Spur
Cigarettes

NEW GEOLOGY.

Shades of Geike! What next? Chamberlain, Salisbury, Cleland, Ries, Pirrson and Buehler, we ask you to investigate these answers to geology exam. questions before publishing a new book or making geology reports: ..

A dike is an intrusion, vertical or nearly so, whose height is much less than its width, similar to a wall.

A residual mountain is a mountain that has been formed by weathering. The original topography of the country was practically level, but erosion has removed the softer rock and left the harder rock. A good example is the Grand Canyon.

A volcano is a vent in the earth's crust which omits rock in the solid liquid and gaseous state.

A plain is a large area of smooth ground usually formed by uplifted seas.

The ocean is salty because 78 per cent of it is NaCl. ..

A reconstructed glacier is one that signifies its name, i. e., it has retreated to its point of origin and formed again.

Petrography—The study of petroleum in the earth's crust.

Historical Geology—that which treats of past formations and inhabitants of the earth—prehistoric times.

Structural Geology—That which treats of the formations and inhabitants of the earth, ever since the creation of man.

Biology is related to geology in that animals furnish organic acids which aid in erosion.

The engineer aids navigation in young rivers by lowering the bed of the river so that base level is reached, which can afford a definite channel for navigation.

An uplifted coastal plain is one where the coast has been raised up, caused by the build-

ing up of the shore by waves and wind.

Sandstone is a good aquifer because it is more impervious, allowing ground waters to pass through it easily.

Algae exist on the brink of Niagara Falls because the current is slow there.

Glacial boulders are often striated because they turn over in the glacier and are glaciated more than once.

The CaCO_3 is taken up by animals causing greater precipitation of NaCl.

Stream piracy is when streams fight for the same drainage.

Discordant junction is a joint that is at a higher level than the main stream.

Antecedent stream is a stream which holds its shape thru a series of events.

Antecedent river is one which was there before the Photography of the region.

Aquifer is water bearing minerals that build up veins.

A stalagmite is a formation extending from the floor of a cavern upward, i. e., a rock lying on the floor.

Connate waters are polluted waters.

The attitude of some men in school toward certain school traditions has been adverse. The privilege of the Seniors and post-graduates to wear mustaches and let their beards grow has been infringed upon by lower classmen quite frequently this past month. Just a bit of friendly advice to those to whom it may concern: the Seniors are prepared for "action" with the "cold steel."

Emmet L. Arnold, '17, is now General Manager of the Rosenfield-Ward Syndicate, an oil company operating in Oklahoma and Kentucky. He is located at 1012 Laurel Avenue, Bowling Green, Ky.

FOR
BOOKS
CALL ON
SCOTT

(M. S. M. 1886, '87, '88)

8TH AND PINE

Drawing Instruments
and Supplies

Get Your
Pictures Developed
AT
BAUMGARDNER'S

Continued from Page One.

get the "jink" out of their systems.

This game is the first of a long series that is to be played on the home floor. Let's use our athletic tickets, and get out and see the Miners win. Show some pep. Be there in full force for the first whistle.

Fistic Contest Between Halves.

Between halves of the game tonight young "Spoof" Walker, of East Orange, New Jersey, and "Snipe" Schaeffer, of Pittsburgh, will entertain with a fast and furious exhibition of boxing. These two heavyweights of the fistic ring have long been wanting a chance at each other, and the battle tonight will be a scrappy one. The only ring-side requirements are that the two "mix it," which both promise to do, so we may expect to see a real go when the two youngsters hook up. Don't miss it.