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Compiled and edited by students of MSM

AMPLIFIER

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by J. R. Van Pelt

Once in 30 years? That was our record state forensic championship up to 1954. It's twice in 31 years, two years in row. That's almost enough to call a "reign", and a very good one to maintain.

I have heard quite a few appreciative comments from students, faculty members, and people on last week's highly successful debate and oratory performance. The job our team has brought much credit to School. The students who participated, as well as Professor Albertson who coached team, deserve the thanks and congratulations of all of us.

There was a time years ago when public speaking consisted of flashy, oratory and r-jerking emotion. Engineers don't care much for that sort of thing. Styles have changed. Good public speaking today is characterized by hard truth, clear logic, and simple, straight-forward expression. Engineers often excel in this type of presentation. Engineering courses respect for hard facts and clear logic. As for simple, straightforward expression, engineers excel in this also. They understand that an engineer gets ideas across to non-engineers by the written and spoken word. There is always a need for engineers who can speak and write clearly; such men are needed by industry promotion to management positions.

Roy O'Brien of Salt Lake City, western field secretary of AIME, received a copy of the current meeting notice issued by the Anderson-Carlisle Society, and promptly wrote to congratulate the artist whose clever sketches enlivened the notice. A look at the lower right corner of the notice tells us something about the artist's keen eye, even if he didn't sign his name.

MINES WINS DEBATE TOURNAMENT

by M. Lanphere

The School of Mines successfully defended its Montana Intercollegiate forensics Association championship in the annual tournament held in Butte, May 6-7. In the sweeps oration tabulation the School of Mines had 13 points, Montana State University 9 points, Montana State College 3 points, Carroll College 3 points, and Rocky Mountain College 0 points.

The Mines victory was paced by the winning debate team of Jerry Weber and Jon Langfeldt, who were undefeated in four debates. Winning three debates and losing one was the team of Marvin Lanphere and Larry McCarthy, which tied for second place with the University I team. The University I team were recently crowned Northwest champions in a tournament held in Missoula. Their lone loss in the Butte tourney was administered by Weber and Langfeldt.

For the first time in several years, a Mines student won the original oratory contest. Joe Nevin won first place in original oratory. He received $30.00 in cash and possession of the Montana Power Oratory Cup for one year. In other individual events, Marvin Lanphere placed second in extemporaneous speaking, doing a similar job last year.

Forensics competition began in Montana in 1922. In 1954, the School of Mines won its first championship, which they repeated this year. With McCarthy, Weber, and Langfeldt returning next year, hopes are high for a third straight championship in 1956.
By the way, if you fellows would like to be on a winning team next year, come out for the debate team.

AMELIFIER SAYS

"M" Day is over for another year; all cod-shot eyes and sunburned noses are back normal, Marcus has been painted, the M again visible with a new coat of white, the campus is a little more tidy, new officers have been elected, and your editors recuperated from the rush of getting the AMPLIFIER out three days early.

Touché to M.L. and B.M. The editorial the AMPLIFIER, April 22, was not written a "political football", but merely to bring out some facts. Of course, there are sides to every story, and we appreciate the interest shown. Better late than never!

Special credit is due to several organizations and individuals on the campus for making "M" Day a success. Earl Denny, our friendly and resourceful campus foreman, gave his time Tuesday night in an attempt to clear the snow off Big Butte. Although the venture was not successful, we appreciate the effort. Credit goes to the members of the senior class for the organization and coordination of events. The seniors were the last to bed Tuesday night (according to Garry Mitton), and the first up on Wednesday morning (witness the two and one-half blasts from B.B.) The tasty lunch on Wednesday noon and the dance that evening were due to the efforts of the campus workers, the Copper Guards. These guys deserve a lot more thanks than they get for their service to us students.

A new motivation to "M" Day was the presence of faculty members on the M. Professor Stout, Chance, Koch, and McLeod, and Capt. Holgren doned their work clothes, limbed Big Butte, and pitched in with the whitewash gang. This is a good start, let's make it a tradition.

Only one mystery remains unsolved regarding "M" Day. Why were so many guys trying beer from Ed on Tuesday night when it was being passed out free in the gulch? If anyone has an answer to that one, let us know.

MEET YOUR FACULTY

In choosing the subjects (or victims) for the weekly faculty interview, your reporter has tried to make a policy of selecting persons who are either not too well known by the most of the students, or if they are well known, then telling some little known facts about them. This week I was fortunate to interview a man who is unfortunately (for the student) in the first class. This person is Walter S. March, Jr., Professor of Geology at the School of Mines, and the interview was one of the most pleasing for me.

The history of Mr. March is truly a cosmopolitan one; he met his wife, who is from England, in Tacopilla, Chile. He was in Ecuador from 1922-1924, in Butte from 1924-1925, and in Chile from 1925-1952, where he was Chief Geologist for the Anaconda Copper Mining Co. His year of first appointment at the School of Mines was in 1952, and he stated his intention of remaining in the somewhat new (for him) teaching profession.

Professor March has two sons, one of whom is at Geiger Field in Spokane, and the other is a Junior at the Butte Business College. He stated that his pet peeve was "lack of sufficient time to devote to preparation of teaching material, too much time is demanded for outside activities". His hobbies are somewhat vocational; he listed them as Geology and travel. It came as no surprise, then, to find his ambition was to return to Chile some day and see how his old haunts have changed, and to make the trip by going around the horn. When asked what faculty member he thought had done something commendable, he mentioned that he thought Dr. O. D. Blake (of the Geology Dept.) had done a "bang-up job" of organization and work at the Petroleum field station in Billings.

Some of the "outside Activities" previously mentioned are his work on the faculty Graduate Committee, which is now in the process of organizing a program for granting PHD's in Geology and Metallurgy. He is active in such organizations as AIME, Geological Society of America, Society of Economic Geologists, American Society of Engineering Education, and Association of Geology Teachers.

(next page)
For the rest of the interview, Professor March fascinated your reporter with stories and anecdotes about trips in howling blizzards in high Peruvian mountains, balky llamas, and being blown away in the middle of the night.

Mr. March, with his ease of manner and experience, is a credit to the school.

I must say, though, that his ease of manner and happy disposition vanished quickly when he caught your reporter trying to slip a weight from his desk into his pocket. It seems the weight was made of rare amalgam, and anyway, I'm taking metallurgy.

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PERSONALITY SPOTS

by G. Nichols

Hey you! Slow down. I'm a reporter for LIFTER and you look like a good prospect for an interview. What's your name?

Bert Alden Loucks! Yup, Bob is a Great Falls boy hitting a solid 19 years in the real world. He's a sophomore student with high grades and a Metallurgy major. He has a younger brother and a younger sister — the brother is future mines material, the sister is future metallurgist, and anyway, I'm taking metallurgy.

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THE FACULTY SPEAKS

By N. Davis, Asst. Prof. — Mathematics

Three years ago, I became a college faculty member. Since then, I have seen and learned some wonderful things about this place we call MSM. The friendliness of the school was the first thing to make a lasting impression. It has a friendliness not found in large schools and often not in other small schools. When a student or faculty member walks down the halls, he sees groups trading the latest gossip. Words of greeting and smiles seem pretty frequent. Occasionally one may see some absent-minded person who is deeply engrossed in a difficult problem like, "Did I get both socks on right side out this morning?" The person who passes without at least a nod, however, is a pretty rare bird.

In comparison with the faculties of much larger schools, I am sure that we may well be proud of the type of preparation the faculty here has. We have members with years of experience in their fields, many of whom have been recognized by others as leaders in their field. Though financial rewards are greater in other organizations, most of these people prefer to remain at MSM. In my opinion, this is accounted for by the many satisfactions and opportunities available in this school. In addition, they are not hesitant to extend their friendship to a new member and to offer their help.

The list of alumni and former students that is in the back of the catalogue is a good indication of the caliber of men who are graduates of this school. A number of our graduates have found employment through the aid of older graduates. (next page)
alumni are continually trying to
the school better. They have made a
reputation for the school. They
offered their time and services often
to assure us that they are really
of M.S.M.

In the last three years, we have
bed while MSM students were awarded
and honors that were surprising
size of the school is considered.
Just the last year, one of the cadets
MSM named among the outstanding of
nation, and saw three prizes out of
for the nation as a whole given to
students for technical writing. One
d have a hard time finding a more
able group of men than those that
students here. When we have a dance,
boys display an even more remarkable
nt for picking beautiful dates.
Interest on the part of the faculty
students is often displayed. It is
y tough to find a person around here
does not have some sort of opinion
at almost any phase of the school.
ents often come around for extra help
faculty members. It is not at all
to be asked to help with some advice
personal matter as well as one that
ademic. I have never heard of a
ent asking for help from a faculty
er and being refused. The same may
aid for the occasions when faculty
ers have called on students for help
ome project. We may not always have
large number of people turn out for a
ool function, but usually a high per-
the small total population here
nds these functions. Students often
ed a considerable amount of time in
activities in the various fields.
seem to want to get a solid, well-
ed education. Can you think of a
t faculty member that has given
ence that he is not interested in
ing the student to learn just as much
possible or can you think of a single
ent who actually doesn’t want to
as much as possible? Faculty mem-
and students have a healthy attitude
are trying to do a good job. This is
ous when one considers the overall
sphere prevailing throughout the
ool.

New courses have been added. New
buildings and facilities have been acquired.
here is a continual study of the curriculum
on the part of the school as a whole and
on the part of the individual departments
in an attempt to improve the school. I
believe that this accent on progress will
find us proud to have been a part of it.

STUDENT COUNCIL NEWS

by E. Westerman

On behalf of myself and the rest of
the new student council, I extend my thanks
to the student body for their support in
the recent M-Day election. We will endeavor
to justify your faith in us.

The first meeting of the new student
council will take place on Monday, May 16,
at 7:00 in the Engineering Building. All
interested students are invited to attend.

ECPD Committee Praises Departments

Our Mineral Dressing Department is rated as
one of the best in the United States. The
pilot plant in the Mill Building impressed
the committee as well as the complete
laboratory in the Met Building. Professor
McGlashan, Head of this department, has
stated: "Although our department has re-
ceived a high rating, it is not perfect by
any means. Experiments must be rewritten,
more research is needed, more graduate stu-
dents are needed, and we are trying to get
even more equipment which might be necessary
for advanced studies. However, I am proud
of our continued advance which has been
largely a result of efforts of the staff."

The Humanities Department really hit it off
with the committee! The committee was so
impressed by this department it asked Profs.
Laity and Chance to submit a special report
to ECPD about the various departments,
especially the Technical Writing Phases.
Professor Chance remarks that "Our depart-
ment isn’t perfect yet, but it is improving
more and more. We must bear in mind that
our training in Technical Writing is im-
portant to us as engineers. This thought
has been a guide to us in teaching."

The party who has the missing beer tap
PLEASE return it to Goodrich or School —
otherwise the whole student body will be
forced to pay for it.
After many long years, AMPLIFIER has at last heard from Sam Caddy, a former geologist, received his degree from this school. Last your editor heard, Sam had drowned the coast of Alaska in search of the formula for making gold which is known by Adam J. Smith of the Math. Dept. "Mittty" ain't talking either.

Sam, in reality, did not drown. He ashore, and since he was given up as lost, he decided to live with the Eskimos. experiences were varied and he learned of Eskimo life. However, he tired of life and headed for the Andes mountains South America. It was here that he made astonishing discovery. Never before in story has such a deposit as Sam's been found! Sam wrote your editor and gave him an exclusive story.

The deposit was originally pre-cambrian siterite (SnO₂). Of course, the usual burden lay on top. However, it seems as the seas invaded and deposited a thick of limestone. There must have been influence from the sea since the usual type silts of the age were found. The seas receded and suddenly there was terrain upheaval. (Probably at the close of the named revolution-check with Dr. Blake). High angle faulting occurred (reversing as well). Then large hydrothermal pits of CuS, ZnS, and PbS came up been the faults. The SnO₂ was reduced by carbonaceous fossils to Sn, the CuS, ZnS, PbS were reduced by the Limestone (CaCO₃) according to the reaction:

\[ CuS + CaCO₃ = CuO + CaS \downarrow + CO₂ \]

with a negative free energy change. The CuO was further reduced with carbonaceous material according to:

\[ CuO + C = Cu + CO \]

which left copper in free state. This general reaction opened to all of the Cu, Zn, Pb, and Sn. by chance, there happened to be the right ratio of each metal present to form large amount of pure brass. Sam discovered mine by drilling into the big chunk of as. Good work, Sam, and so once again a student comes through with a first. Sam misled us more news about his brass mine in next issue.

**AIME To Meet**

The annual joint meeting of the AIME will be held in the Library Museum Building May 12, 1955 commencing at 8:00 P.M. Five students will discuss work done by themselves in their respective departments. They are:

- F. Allsman on "New Developments in Ore Search"
- D. Rohrenbach, on "A New Idea for Mucking"
- D. Bodie on "Floatation Research Using Environment-Controlled Free-Bubble Contact-Angle Apparatus"
- F. Knight on "The Quantitative Determination of Tungsten by X-Ray Fluorescence Spectrometry"
- E. Stenmark on "Rotary Drilling With Gas"

The meeting will close with a conference period in which refreshments will be served by the Student Wives Club.

**TOPIC OF THE DAY**

by F. Howald

This topic is of great importance to all of us; it is not just the topic of the day, but an every day topic for discussion. Education is not the safest subject that a man can choose for discussion these days. In the communist world you can get shot for discussing it the wrong way. The wrong way among Communists is merely to suggest that what they provide under the label "education" isn't necessarily what the label says it is. In free society the question whether the thing under the label is genuine is open for discussion. Education has, of course, never been an entirely safe topic anywhere. The list of great teachers who also were martyred opens with the names of Socrates and Jesus Christ. They were, you might say, victims of their own insistence on their rightness against the views of the holders of power of their times. In free societies nowadays we do not often drag our educators into
court and put them on for their lives for
aching. But there are forms of punishment
most as bad, forms that at times may seem
orse than any physical punishment can be.
know how to do a good job, and to be
pped by people who do not know a good job
om a bad one, is no better for the pro-
ession in which this occurs than it is for
person to whom it occurs.
Imagine a surgeon operating on a child
a case involving life and death. In the
st of the operation, the students rush
try to direct the operation. The
urge has no alternative but to have the
udents removed. He cannot abandon his
ponsibility and let someone else make
uital decisions for him.
The professor, the educator, is exposed
this kind of experience more perhaps
an anyone else in society. No one in his
uses tries to tell the surgeon how to do
job. Nearly everybody feels qualified
tell the professor how to do his. The
essor cannot, any more than the surgeon,
andon his responsibilities.
But students also have responsibilities
the responsibilities of the student and
essor overlap and mingle together. It
does not require wisdom to see that the
udent will have little chance if he is
pt up into parts, one part to the professor
one to society. The education of the
udent requires the cooperation of the
essor and student, and cooperation re-
ures understanding among students and pro-
ors.
Any suggestions or criticisms will be
preciated. Thank you!

GRADUATING SENIORS

by R. Wayment

ROY HERDE: I stopped in to see Roy for
a couple of minutes and he gave me a little
of the low down on his personal history and
his future plans. It seems he has accepted
a job with the American Smelting and Refining
Co., which he hopes to be on by the 20th of
June. He will either work in Ground Hog,
New Mexico (8 miles from Silver City) or in
Silver Bell, Arizona (about 10 miles from
Tucson). As of this moment he doesn't know
which place he will wind up in. Roy informs
me that this is a training program, from a
year to eighteen months long, the final ob-
jective being work in Peru in a supervisory
capacity. Roy tells me he is all for going to
Peru.

Now for just a little personal history.
Roy is a married man with an eighteen month
old son and is a resident of the Vet's Housing.
His wife's name is Marian and their son goes by
James. Incidentally, they own an Irish Setter
called Ginger, quite a beautiful dog. Roy
said he would quit talking to me if I didn't
mention his dog. Both he and his wife hail
from Madison, Wisconsin where Roy attended
high school. He then spent two years at the
Wisconsin Institute of Technology in
Platteville, transferring here in the Fall of
'53. He is graduating this spring in Mining
and when asked if he planned on going farther
in school he said he would like to but doesn't
believe he will. Roy has worked about 2 1/2
years as a miner for the A.C.M. Co., and pre-
vious to that he worked for the Eagle Picher
Mining and Smelting Co. and the Homestead
Mining Co. He is a member of the Anderson-
Carlisle Society in which he was elected Vice-
President of the senior class. I'm sure
every person on the campus wishes you the
best of luck in your new career, Roy, so have
at it with our best.

Upon leaving Roy's house the other night,
I asked if I had all the pertinent facts;
Roy's wife said, and I quote, "We're damn glad
it's all over". A fairly human feeling I
expect.

JAG: What did the socket say to the bulb?

ALM: I don't know, what?

JAG: Plug me and you'll burn!
TRIP TO ANACONDA SMELTER

by P. Duttoit

Professor Ralph Smith accompanied a group of students to Anaconda on Wednesday, 11. Parts of the plant that were seen in the Phosphate, Copper, Zinc and Ferro-germanese sections. One of the most interesting was the experimental smelting of Co-Mag. by electrical processes. The tour was lucky to see the inside of the rotary kiln for Manganese Carbonate lining from the inside while repairs were being done on the fireproof lining. An interesting fact which was revealed is that Anaconda puts out more phosphate than any other producer.

By 4:00 P.M. almost everyone was singing his feet and this was the sign for Professor Smith to take the sad looking, but satisfied, group of M.S.S.M. students back to Butte.

PETROLEUM DEPARTMENT

by R. Foster

Last Thursday, May 5th, Mr. J. L. Lester of Schlumberger Well Surveying Co., Casper, Wyo., visited the Petroleum Engineering Dept. and presented a slide section and lecture on the fundamentals of electric logs and basic interpretation. Electric logs for those who don't know are measurements made of electrical impulses from the surface by which proper interpretation can be made as to bed orientation, thickness, porosity and saturation of liquids. They are fundamental to reservoir engineering.

On Tuesday, May 10, Mr. John Banister, Division Engineer for Halliburton Oil Well Cementing Co. from Denver, Colo., presented a film, literature and lecture on new developments initiated by their company in oil well cementing, treating and well completion methods.

Both meetings were well attended by the Petroleum Engineering students and excellent first hand answers were given to their questions. These two meetings were the second and third in a series of late afternoon lectures to provide the Petroleum Engineering students a first-hand account of certain phases of the industry. It is significant that the companies contacted have traveled many miles to come to our campus to provide this excellent reference material and information.

Missed Appointments

Chuck McNeil and Al Walkup just missed getting appointments to the Naval Academy. Al had first choice with Chuck running a close second. As luck would have it, both men flunked the physical which by the way, is very strict. This kind of luck, however, will prove valuable to the school since we can count on seeing these guys around the school next year. It's the Navy's loss and the School of Mines' gain! They're both A- number 1 students.

Rubenstein II

Ken Paul has been doing some fine before-dinner playing on the main lounge piano. Everyone has heard him, and many have sat in the lounge while he played. Ken practiced until he was 15 years old, after which he gave it up except for occasional "concerts" such as the ones we are privileged to hear. He picks up most of it by ear. Keep it up, Ken.

STOP trying to date faculty members of the opposite sex, Doug. Howald.
MEET THE OFFICE GIRLS

You probably all know Mrs. Nile in the Bookstore; she is the wife of Dr. S. W. Nile. Born in Cascade Locks, Oregon, and has been here approximately 10 1/2 years.

Mrs. Mary Verbanac is the Asst. Registrar. Mary is a native of Butte, and has been in Mr. Brown's office for 8 years.

Miss Irma Button - probably needs no introduction. Irma is a native of Butte, but spent some time in Calif. where she graduated from high school.

Mrs. Lois Fordmeir, library assistant. Lois is a native of Butte; her husband, Mr. Al Fordmeir, works for Montana Power Co. She has been here 3 1/2 years.

Mrs. Alice Rae, Asst. Secy. to the Pres. Alice was born in Big Timber, Mont. Her husband, Mr. Bob Rae, is the basketball coach at Butte High.

Mrs. Louise Hungerford, Secy. to the Pres., as formerly in the typing office for 2 years. Louise was born in Great Falls, Mont.; her husband is a salesman for Colgate-Palmolive Co.

We have two Wyoming girls with us, both attended school in Rock Springs, Wyo.

Mrs. Ann Brack, Secy. to Dean Adami, and works(?) 1/2 day in the Air Force Office. Her husband is salesman for KOPR.

Mrs. Marva Valentine, Stenographer in the Central Typing Office. Formerly of California, was employed by E. F. Hutton & Co., Los Angeles.

Mrs. Elvie Murray, Stenographer in the Central Typing Office, native of De Valls Bluff, Ark. Elvie is the wife of Captain Murray, U. S. Army. She spent quite some time in Austria where she was employed by the Adjutant General's Section.

Mrs. Clare Rush, Stenographer in Bureau of Mines Office of Associate Director. Clare was born in Astoria, Oregon. She was formerly employed by Holmes & Narver in Los Angeles, California.

We should all know the school song and some of us couldn't join in Thursday at the Convocation because we didn't know the words, so here they are:

ALL HAIL!
(Montana School of Mines Song)

Sturdy as the mountains, dauntless as the tide,
Hail all you Miners, fearless and tried:
From mountain peaks to foreign shores
Famed in conquests wide—
Hail all you Miners, All Hail, All Hail!

Lift the loyal chorus, loud their praises ring.
Hail all you Miners, to thee we sing.
On ev'ry field of battle triumph,
Alma Mater dear:
Hail all you Miners, All Hail, All Hail!

Refrain (after second stanza only)

And from the Rockies comes the echo,
Thund'ring back again:
Hail all you Miners, All Hail, All Hail!
STUDENT WIVES

The last meeting of the Student Wives was held Wednesday evening at the Kappa Sig house where they all enjoyed a dinner as well as an entertainment program. The entertainment program included music by the Kappa Sig band and a dance floor for those who wished to dance. The dinner was served by the Kappa Sig members, and everyone had an enjoyable evening including the entertainment. The Kappa Sig members contributed to the party's success, and it was a great success overall.

KID IN THE KORRIDOR

Unknown

This week the old Kid hasn't got much news to write about, but there are some things that have come to the Kid's attention, though, that require mention. It seems (from a reliable report) that Mr. Harmon has a new number of notable dignitaries attending his classes in Hydraulics and Strength of Materials. The list he passes around for all to sign contains such interesting names as Davy Crockett, Daniel Boone, Jim Hins, Mamie Eisenhower, and even Steevie Wonder. Who knows, perhaps even Mr. Harmon himself may sign up!

Our slick-paged competitor, the De Re Kill, is now on the stands. The Kid feels that its attractive formal and well-written articles are exceeded only by the quality of the articles between them.

The dumb old Kid isn't doing too well in his studies; it looks as if he will be just about to be next year, if they will let him register. If Irma Button knew who the Kid was, she wouldn't let him register, but Irma doesn't know who he is.

By the way, Wayne Bossard tells us his test averages are all about 69.

THETA TAU NEWS

by P. DuToit, R. Gevers

Our annual Echo Lake party has passed and was a great success. The party started out with the picnic Saturday afternoon. Part of the tap was missing and the liquid had to be poured out by hand. It tasted the same anyway and had the usual effects. One of the outstanding events of the day was Dick Johnson's demonstration of modern day low flying with a Mercury.

The dinner which had been scheduled for 8:00 P.M. did not start before 8:30 P.M. because the refreshments stand in the bar was too great an attraction. Among the guests of honor were Prof. and Mrs. Stout, Major and Mrs. Pinckney, Prof. and Mrs. Harnish, and Mr. Dawson.

The Columbians presented excellent music to dance to. The turkey dinner put out by the Lodge was enjoyed by everyone. (At $2.00 a plate this was no surprise.)

Everyone had a enjoyable evening including George and Jimmy, thanks to Miss Tica. Mr. Dawson seemed to have been having quite a time for himself. Every time he swept the dance floor the feminine charm in his arms had a different dress on. Whether the dresses were changing so fast or whether the fascinations changed, still remains a mystery.

The band had been contracted to play until 1:00 A.M., but after passing the hat a sufficient amount of money was obtained to persuade the Columbians to play for two more hours.

It is the opinion of one and all that attended that the spirit at the party was irreproachable and the party was a great success.

Baseball: Theta Tau vs. Deerlodge (Pen.) May 8

Last Sunday some of our energetic ball players got out and took on the crack team from the State Fort. Our team included Campbell, Erickson, Lavis, Skelton, Harder, Kerr, McCarthy, Darlow, and Deptuch, with Lanphere serving as umpire. According to both parties, the clash was a success, and we only lost by 4 - 11. Plans are now in progress for a return match, although a date has not as yet been set.


Last Friday and Saturday the School's brilliant debate team chalked up another decisive victory. Our boys ran up 13 points, of which Tau members contributed 7; Lanphere and Weber each made 3, while McCarthy added 1. (Incidentally, the other 6 points came from efforts by Independent members.) Nice going, fellas, that's the kind of performance we go for!
SIGMA RHO NEWS

by R. Trevison

Sigma Rho featured prominently in the M-Day elections last week. Offices of student council president, vice-president and secretary were captured by Ed Westerman, Ted Berthelote, and John Worcester respectively. We don't wish to say at the fraternity drum, but our fraternity is proud to have these men adjudged by the student body as being the capable, industrious leaders the student council requires.

Apert M-Day All-School Party is planned for Sunday, May 15 at the Rose Garden dance hall. Nurses from St. James and Community will be invited. Beer will be free while it lasts.

Election of fraternity officers for next year will be held next Thursday at 7:00 P.M. in the Rho lounge. All members should be present for this important function. Refreshments will be served.

PERSONALITIES AND JOKES

by B. Huber

Here's a hot one for you poem lovers:
And here's the happy bounding flea,
You cannot tell the he from she.
The sexes look alike you see;
But she can tell, and so can he.

THURSDAY'S FLASH

Blast heard on BIG BUTTE.

SATURDAY'S FLASH

Two more blasts were heard. It wasn't clear where they went off, but it sounded like they came from HELENA??????

ENGLISH DEPARTMENT

This week I would like to evaluate a common everyday statement for you. Now, take the saying, "Follow a road." Now when someone says "Follow me," you fall in behind them, whereas, you cannot fall in behind a road if you follow it, since it is directly in front of you. Therefore, it is impossible to follow a road.

QUOTABLE QUOTES

"Who does not love wine, women and song,
Remains a fool his whole life long." - Voss

OVERHEARD AT THE NURSES DANCE

"I never thought I'd see the day that DON MATHIS would leave a party at 10:30."
"Hey, DARRELL ANDERSON, how about leaving a few of those girls for the rest of us?"
"What are you still on your feet?"

SAIJDST STORY OF THE WEEK - Tugs Hunter loses pants w/wallet in Spokane during convention.

BIG GAME HUNTER DAN REGAN SHOOTS PUSSY CAT

PROFESSOR LATTY TO PETER IRVING

"You ask why you didn't pass your history test? Well, your answer to the question 'Why did the pioneers go into the wilderness?' was interesting from the sanitation standpoint, but it was still incorrect."

YOUR CLUB IS

by R. Foster

The Petroleum Section of the A.I.M.E. held a meeting Monday for the election of officers. Paul Burchell was elected one of the Vice-Presidents of the society and President of the Petroleum Section. Jerry Weber was elected Vice President of the Petroleum Section and James Connelly was elected as Secretary. These men have taken their offices and will assist Mr. Godfrey Howard, president of the A.I.M.E., in arranging the joint meeting to be held...
Thursday evening in the Museum Building.
The student wives will serve refreshments.

GLEE CLUB

Tuesday evening the Glee Club was entertained at Mr. Ralph Smiths, the dinner consisted of turkey, ham and all the sideline delights. All the members I talked to enjoyed themselves immensely and wish to extend their appreciation to Mr. Smith and his wife.

CO-ED CLUB

Men, don't you all agree the sandwiches were delicious we had on M-Day. Thanks to the Co-eds for their time and effort in helping to satisfy our appetites.

SPORTS IN REVIEW

by D. Siguaw

The Mines baseball team played their first game on May 3 at Dillon. They were shut out by Western by a score of 8 - 0, mostly due to errors in the infield.

While the ballgame was being played, Bill Campbell capably represented the Mines in the first tennis match of the year. He was defeated by scores of 7 - 5 and 6 - 2.

Western defeated the Mines baseball team last Friday by a score of 23 to 15. It was a well played ball game up until the seventh inning when Western started hitting the ball and the Mines defense fell apart.

The baseball team has yet to play a few games with Copper League teams here in Butte.

The Mines will be represented in the track meet at Billings this Friday by Johan Debeer, who will be entered in the 100 yd. dash, 220 yd. dash, broad jump; once the 220 yd. low hurdler, and also by Bob Penny, who will throw the javelin.

Dick Baker and Jack Hunter will represent the Mines in the Golf Tournament at Billings.

The tennis team has entered Pete DuToit in the singles competition, and Bill Campbell and Don Mathis in the doubles.

There is an intramural horseshoe tournament Friday, May 13. All students and faculty members desiring to enter competition should sign their names to the list posted in the gym.

Theta Tau won the intramural softball tournament on M-Day by defeating the Sigma Rho team 23 to 9 and by defeating the Independents 6 to 4.

ITEM OF IMPORTANCE

There will be a meeting for all students interested in football in the gym, Monday, May 16 at 4:30. Coach Olsen would like to go over plans for next Fall. Let's have a good turnout.

COMMUNITY CHATTER

Due to circumstances beyond your control, you now have an additional column in your AMPLIFIER. We've been reading your articles for the past few weeks, and from here on in, we'd like the chance to defend our side of the gossip which goes on between the School of Mines and the student nurses at Community Hospital.

Our latest function last Saturday night--fizzle, fizzle, flop! We were overjoyed with your overwhelming response, but at least Mathis tried to dance. The "refreshments" just got the best of him. Well, anyway, the brawl before the dance was successful, even if one of the girls did come home with two black eyes--we really expected someone to end up in the wishing well before the night was over.

Attention--all you energetic and ambitious men! This is an official challenge to a baseball game. In order to meet the physical requirements, you must be at least 4F. Will you stand up like men and accept this challenge? There will be a few minor changes in the rules. The Mines team will be required to run the bases backward, bat and throw left-handed, and the pitcher must stand on one foot and pitch left-handed. The opposite of these rules will be required of all left-handed players. We know we can beat any and all of you. The losers will provide "refreshments" after the game. The date of this game will be Saturday, May 21, at 4:00 P.M., at Leonard Field.

(next page)
Facts About Student Nurses

Margaret Bertholf — Better known as Burp.
Donna Stewart — Free, white, and twenty.
Joyce Holm — Had a birthday.
Peggy Stobie — Who can tell?
Nancy Jo Czirr — Is going to Africa for sure.
Jean Buchanan — Has T.B.
Della Miller — Had a date to Echo Lake.
Carole Williams — Likes talkative men.
Neva Jean Becken — Is engaged.
Rita Beth Chandler — Is from Butte.

PHONE BOOTH FALLS

The phone booth in front of the main lounge fell over last night. This has been a repeated occurrence and it is hoped that the phone company will anchor it down with spikes. Not that we mind if it falls over but every time it does fall, somebody happens to be inside. If you don’t believe it, ask Jim Kerr and Dick Johnson, both of whom have suffered through this harrowing experience.

ANDERSON-CARLISLE HOST TO SUCCESSFUL MEETING OF MONTANA CHAPTER, AIME

The student chapter of AIME on the campus of the School of Mines was host to the members of the Montana Chapter, AIME, at a meeting last night in the museum hall. Highlight of the meeting was talks presented by students of the School of Mines intended to acquaint the members of the Section and guests with new developments and research being carried on at the mining college.

Paul Allsman, Graduate Student, Geological Engineering, presented some new developments in ore search, outlining new methods, and new variations of old methods.

Don Rohrenbach presented a new idea for shaft mucking, showing how an original idea of his has developed into a research project in cooperation with the A. C. M. Co.

A Graduate Student in Mineral Dressing, Darrel Bodie, explained the research now in progress intended to investigate bubble contact-angle—ultimate goal, better flotation reagents.

Ford Knight, Grad. Student, Metallurgical Eng., presented the fundamentals and applications of fluorescence spectrometry to the determination of tungsten in tungsten ores.

One of the Junior Students in Petroleum Eng., told of a new method of drilling. Ernest Stenmark told how gas is used to remove cuttings from oil well drilling instead of the usual mud.

Notable guests at the meeting were senior Mining Students of the Colorado School of Mines, who enjoyed the luncheon sponsored and served by the Student Wives after the meeting.

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