"Confidentially, I wrote the Gettysburg Address on the back of a MINES AMPLIFIER.

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D. Williams
G. Parker
COMMENTS FROM THE FRONT OFFICE

We didn't exactly beat Carroll last night in the basketball game, but I felt very proud of the team spirit and the steady improvement in team play that our men showed.

One of these days we are going to break out of the athletic cellar and in the meantime I know the teams and the coaching staff will appreciate the continued support of the student body and faculty. The game last night was well attended and well worth watching, and I hope to see even larger crowds at future games.

*******

Orchids to practically every user of automobiles on the campus! It's a pleasure to see that the new traffic regulations are being faithfully observed by nearly everyone, and this has resulted in greatly reduced confusion. The old-time traffic jams on the outer drive are ended. The parking plan drawn up by an ASSM committee was the key to solving this vexacious problem.

Permanent signs have now been installed at the exit to the one-way drive and one more sign--"NO LEFT TURN" will shortly be installed on the north side of Park Street east of the statue.

The portable sign, "KEEP RIGHT", may be used for a few more days on the north side of the circle, but eventually this will be discontinued since nearly everybody who uses the circle is familiar with it by now.

To allow for overflow from the circle, student parking has been permitted on the west side of the outer drive down as far as the Petroleum Building, but thus far this extra space has been entirely unnecessary.

I want to add my thanks to those of Council President Ed Westerman and the other members of the Council for the cooperation of all concerned in making the parking regulations successful.

*******

A number of questions have been asked by students about the plans for revision of the curricula. Few, if any, changes have been made for the coming year; but for the fall of 1957 some important improvements are contemplated. In the meantime, no student need worry about the effects of these changes on him. When new or revised curricula are installed in a college, it is customary to allow students already enrolled to graduate on either the old or the new basis as they may elect. Thus no hardship is imposed on anyone.

*******

Registration this semester is up 11.4% over the same time last year. Very good as far as it goes, but we have room for more students, especially good ones. Now is the time for you to contact your young friends who will be ready for college next fall. Tell them about this School and about the great opportunities in mineral engineering. For some concrete information along this line, see Professor Harnish who is in charge of our high-school contacts.

J. R. Van Pelt

AMPLIFIER SAYS

Editor

To those of us who are still here ------

good work! AMPLIFIER commends you.

However, think back----think of the courses you may have just barely passed. Have you wasted your time? Was it really worth your while to just "scrape through"? Did you retain that part of the course which will best serve you in your field when graduation is over? All of us, as students, must remember that the grade received in a course is a measure of the amount of work one is willing to do—even then, if one fails to remember the essentials taught an "A" doesn't mean a thing. Better heads than ours, have decided what is best for a student studying to be an engineer. We must strive to follow their prescribed rules as best we can. Therefore, learn what is taught and retain.

This marks the beginning of a new semester. Start out right by studying daily assignments, by doing problems assigned each day, and by learning the main parts of the courses being taught. A few years from now, you might say to yourself, "Thank Christ, I studied this subject because it's serving me now." Start by becoming a good student; eventually you'll become a good engineer!

*******

The shortest distance between two dates is a good time.
To: Editor  
AMPLIFIER

Dear Sir:

In the interests of good journalism and accurate reporting, the Theta Tau fraternity would like to answer the letter written to the editor and published in the January 17th issue of the AMPLIFIER.

First, although the article did not specifically name the Theta Tau fraternity as the perpetrator of the foul deeds listed, there is no doubt that the Theta Tau fraternity was meant.

Second, the letter was unsigned, and the Theta Tau fraternity sincerely hopes that a precedent has not been set. It is not good reporting to leave out the name of a person who is publicly commenting on some phase of school life which concerns everyone. Whether this was done intentionally or not is not known. If the letter was unsigned as submitted to the editor, it should not have been printed, because we believe that criticism is not valid unless the person making the criticism is willing to argue the issue, which he cannot do if he refuses to name himself. If the editor arbitrarily withheld the name of the writer, he then assumes the responsibility for the letter, and must necessarily hold the views presented in the letter as his own.

Third, although there were three charges listed, they were not specific in that names or places were not identified. The Theta Tau fraternity cannot successfully defend itself or accept the blame for these incidents unless they are accurately known. We hope that in the future anyone with a valid criticism of either fraternity will be sure of the facts first, then present them and make his identity known so that he can be answered. Too many times one person's ideas or opinions are mistakenly held to be those of the organization to which he belongs, when he is usually speaking entirely for himself. We hope this is the case in the incidents referred to in the letter.

Fourth, it has been heard that perhaps the letter was a good thing in that it would stir up some interfraternity rivalry, and thereby raise school spirit. The Theta Tau fraternity is all for raising school spirit, but it does not believe that poison pen

letters are the proper way to do it. Ours is a small campus, and we feel there is no need for bitterness or hard feelings when a little common sense could straighten out any difficulty.

Last, if either the person who wrote the letter or any interested party would like further clarification of the issues presented, we invite them to either discuss it at a student convocation where everyone's views could be heard, or get together with the Theta Tau fraternity in an informal meeting.

For Theta Tau

Jerry Weber  
Howie Bear

FACULTY MEMBER INJURED

AMPLIFIER extends its sympathy to Dr. A. J. Smith, top notch faculty member, who injured his arm in a bad fall the other day. Dr. Smith insisted on remaining to teach his class despite the pain and when he finally decided to go to the hospital, technicians found the arm was broken! Dr. Smith will be back at his usual post although (unless he is ambidextrous) his left arm will have to do all the work.

HAPPY BIRTHDAY!

"Has anyone seen Bob Trevison?", inquired Mrs. Tait. Naturally everybody wanted to know why------well, it seems as if someone called Janet (Trail, BC) sent the means to Mrs. Tait and Mrs. Tait provided the method, i.e., she brought Bob a beautiful birthday cake! The cake was enjoyed by all, and Trev had some pleasant thoughts----a card with the cake said, "Love, Janet."

Don't smoke in bed, warns Sizmo Sam; the ashes that fall on the floor may be your own!

*********

Proud mother: "My son at college is quite a wrestler now. He wrestles with all the big shots."

Neighbor: "Tell me more."

Proud mother: "Well, he writes that the Dean had him on the carpet the other day."
Mr. Cliff Laity, head of the Department of Humanities and Social Studies, certainly has an impressive record. He usually congenial Laity, a Butte grown product, received his B.A. with honors from the U. of Washington as well as his Masters. Most of you remember the textbook "History of Western Civilization"? Well, Cliff helped write it! Mr. Laity has completed his work for a PhD so it seems as if everyone will call him "Doc" pretty soon.

Cliff and his wife (a product of little Norway or North Dakota) have two sons, Walter and John. They can be well proud of their father who was the recipient of the Ford Foundation Scholarship in humanistic-social studies education for outstanding engineering schools. Many exhaustive studies were made at some of the best known schools in the nation. Cliff served as a field worker in social studies financed by the Carnegie Institute, and is presently a member of the National Executive Board of the Social Studies division of the American Society for Engineering Education.

Besides being an exponent of the model A Ford, Cliff is chairman of the freshman-sophomore advisory committee, and a member of the curriculum committee. He is extremely interested in the whole field of engineering education. In addition to teaching History of Western Civilization he teaches History of the Constitution and American History.

In closing the interview, your reporter asked Mr. Laity what he thought of the Co-Ed situation at the Mines. Said Mr. Laity, "The number of co-eds varies inversely as the square of the distance from Park Street, provided the Laity constant is used." This --- from a professor????????????

***************

Professor D. H. Harnish, Jr., of Petroleum Dept. was the principal speaker recently at the Shelby Annual Chamber of Commerce Banquet. Mr. Harnish spoke on "The Future of the Oil Industry in Montana". Mr. Harnish is scheduled to speak again on this same topic at Sunburst on March 6th.

***************

Professor K. S. Stout of the Mining Dept. was the guest speaker last Tuesday night at the regular meeting of the Butte Mineral and Gem Club. Mr. Stout's highly interesting and appropriate talk was entitled "Some Practical Concepts of Prospecting for Minerals."
THE KID IN THE KORRIDOR

Unknown

I llleshel3rofsreallysnowedtheKidthisse-
ninger

Q

He passed all 23 hours he was tak-

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though. The Kid was planning on making

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shotonorroll, but he was

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So

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he sure wishes he was taking Quant

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tecouldgetsomegradepointso

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no heKidheardthatthe

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"M" Club had a

Q

Garden Party. He heard the aftereffects

Q

Korrldorof the Residence Hall that

Q

night.

Q

The Kid wants to apologize for the vacation

Q

he took from this column for awhile. He was

Q

awfully busy trying to get a date for the

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plunkers' Frolic. He heard it was a good

Q

dance.

Q

The Kid has also discovered that there

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might be a new intramural sport at MSM.

Q

Dart throwing is a fad at one end of the

Q

residence hall.

Q

The Kid was sorry to see so many of the

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fellows leave this semester and he sure wishes

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them all luck. He also hopes to see them back

Q

soon. Actually there is no hurry since the

Q

kid is likely to be around for quite awhile.

*******************

WHO'S WHAT AT MSM?

by Nicholson

This week we are interviewing Scott Mahon

(That's Noah spelled backwards) who is a

Q

junior (more or less) majoring in Geology.

RQ

"Old Sunnybrook" Mahon was precipi-

Q

tized in a Kentucky still on or about Feb.

Q

4th, 1929, in or near the vicinity of Louisville,

Q

Kentucky of parents Wed in the Wood.

Q

Due to the lack of local facilities he did

Q

not attend elementary school or high school.

Q

After receiving a brief but intense education

Q

in the Army he was admitted to Indiana Univer-

Q

sity on probation by a patriotic faculty.

Q

After two academically embarassing years at

Q

I.U. he transferred to MSM. to escape the

Q

ridicule of his associates. Scott says

Q

Geology is the best option because "It is the

Q

only profession that does not require baths

Q

or showers."

Q

Mr. Mahon's philosophy for success in any

Q

field is: "Work hard, save your money, buy

Q

a clean shirt and marry the boss's daughter."

Q

On the serious side Scott says -- "I really

Q

like my roommate."

Your reporter was not able to inter-

view Scott's roommate as he is under lock

and key, however, the week is not over

and locks are not pick-proof.

***********

MATHEMATIK

by R. Westerman

Do you want beautiful girls to follow

you around, adking for your autograph, tug-

ging at your clothes? If the answer is yes,

this article is for you.

Take a needle or toothpick of uniform

cross-section. Draw parallel lines on a

piece of plain paper exactly twice the

length of the needle apart. Now drop the

needle on the paper at least 100 times

(the more the better), and divide the

number of times you drop the needle by the

number of times the needle crosses or even

touches a line. The answer should be very

close to \( \pi \), (2.1416). The needle may be

bent in any way whatever, so long as its

original length is known, and providing

you count each time any part of the needle

crosses or re-crosses the line.

Assume that the number of times a needle

will cross the lines is directly propor-

tional to the length of the needle. Now sup-

pose we have a needle of such length that

when it is bent into a circle the radius

of the circle will be equal to the length

of our original needle. Since the diameter

of this circle is equal to the distance

between the parallel lines, each time the

needle is dropped it will either touch 2

lines or cross the same line twice. If the

number of times the circle is dropped is \( B \),

the number of crossings is \( 2B \). The length

of the circle is \( 2\pi r \), where \( r \) is the

length of the original needle. Since the

number of crossings is proportional to the

length of the needle, the number of pos-

cible crossings, \( A \), of the original needle

is \( 2\pi \) times smaller than \( 2B \).

\[
A \times 2\pi = 2B \\
\frac{\pi}{B} = A
\]

Therefore, \( \pi = \frac{2B}{A} \) = the number of times the

needle was dropped divided by the number of

it crossed a line.

This feat of mathematical ingenuity, when

mastered and performed, will transform your

previously dull existence into a whirlwind

of social grandeur.

***********
Dear Uncle Waldo:

I am writing to you about my 7 year old son, Johnny, who is one of the sweetest children! I know I can count on your discretion on this matter, anyway it seems as if our maid and he have been carrying on terribly. She has had to bathe him in the past and several times I’ve heard peculiar noises in the bathroom. Not only that, I caught her pinching him in the kitchen the other day. What shall I do, or perhaps you can advise him — he’d listen to you.

Worriedly yours

Letter 2

Dear Uncle Waldo,

My name is Billy and last nite my sis’s boyfriend, Joe, was visitin’ while Mommy and Daddy were out. I came in the front room and he was kinda mad and gave me fifty cents to leave ‘cause he was tired and didn’t want me to be pesterin’ him. What I want to know, Uncle Waldo, is if Joe was tired why was he undressin’ sis instead of his-self?

Billy
Age 19

Answer 1

Dear Madam,

I certainly hope that Johnny’s kitchen wasn’t hurt any as that sort of thing can be very harmful to him in future years. In order to be of more help to you, please give me the maid’s name and address. If I were you, I would pretend as if things were normal. We must remember that this sort of thing happens after a certain age is reached so don’t show any suspicion and especially don’t stop Johnny from taking a bath as that sort of thing keeps him clean.

Uncle Waldo

On History of Western Civ. final examination:

In response to an essay question on the history of research in engineering, the perspiring student, endeavoring to finish all questions asked, wrote:

“Time does not permit as full a discussion as I could write on this subject. To summarize the chapter in Finch: “Research is to engineering what love is to marriage. You can’t have one without the other.”

INJURED STUDENT

Our sympathy to Bill Lees who hurt his finger in a stope at the Mt. Con Mine Saturday night. Bill was handing rock bolts up to his partner when a large slab came down and tore the nail from his little finger. Luckily the finger is intact and Bill can just gripe about his fingernail!

The newest education toys for children are designed to adjust the child to today’s world. Any way they put them together, it’s wrong.

French Proverb: “All are not hunters that blow the horn.”

Women come in 4 sizes - thin, medium, plump, and "Get a load of her."

Give a scientist an inch and he will take 2.54 centimeters.
BASKETBALL
by Bob Loucks

The Orediggers basketball team, although yet to hit the win column, is making a good showing against excellent Montana Collegiate Conference opposition. Bolstered by several late season turnouts, the club is high spirited and never gives up no matter what odds are being faced.

In Billings against Rocky Mountain and Eastern COE, January 9 and 10, the final scores were 95-49 and 77-42 respectively.

In a home game January 17 with Dillon's Western COE, Barnum with 9 and Collidge and Campbell with 4 points each were high as Western tallied 82 points to the Mines 33. Barnum with 16 and Baker with 14 led the Mines to their 55 points against Rocky Mountain College January 21. Rocky had a total of 94 tallies.

February 3 against Western in Dillon Baker scored 14 points and Barnum 10. The final score was 89-45. Against Eastern in Butte, February 7, Baker and Coolidge were high with 23 and 9 points respectively as the Mines team made a spirited showing losing 73-51.

Despite courageous playing and the finest showing of school spirit seen in quite sometime, Carroll College's Saints managed to beat the Mines 68-52 February 9. Baker was high with 16 points.

Improvements being shown by all the team promise that the Mines may still prove to be dangerous in its remaining contests.

Feb. 16: Tau 3 vs Kats
Rho 1 vs Squirts

At the conclusion of the basketball schedule there are several other sports which will be started. Tournaments in table tennis and handball are planned. A volleyball schedule is also being drawn up. Prospective teams should begin drawing up rosters in preparation for the season's opening.

********

FENCING

Fencing classes will be continued next Monday, February 13, at 4:00 p.m. under the supervision of John Kavanaugh.

Classes are open for everyone wishing to learn.

D.C. McAuliffe
Athletic Director

STUDENT COUNCIL NEWS
by Ed Westerman

We're pleased with the fine attitude that the students have shown toward our traffic and parking program. Remember the main tenets that we have established:

1. Commuting students should park in the circle whenever possible.
2. Dormitory students should park in one of the dormitory parking lots, and never in the drive in front of the dormitory.

We're trying to get a "new" second-hand washing machine for the dormitory students. Look for it in the near future. We tried to get the co-eds to take in washing for us, but they charge too much.

The support shown the School of Mines hockey team and basketball team (Carroll Game) shows that the old Mines spirit is still going strong. It's too bad that we all don't have the voice that Garvin (megaphone) Godfrey has--special congrats to him. Let's keep up the good work.

I've noted that beards and mustaches are still going strong. With a few exceptions, (C.B. McNeil, Don Forsman), they really look distinguished. If you have trouble getting your beard to grow, try this method: Rub alcohol in your whiskers every morning and evening. When they come out to drink, tie a knot in them so that they can't get back in.

**********

DEBATE

With the second semester started, the debate team has plans for several campaigns, chief among which is defending the state title it has won two years in a row. This year's state tournament will be held in Bozeman in the later part of April. Anyone who is interested in not only debate but any other phase of forensics is welcome to come out and help defend the record, and also take part in other tournaments the team will attend.

For the benefit of those who may never have seen a debate, a team from the School of Mines, Larry McCarthy and Ed Lahey, will debate a team from Carroll college on television on the evening of March 18. The rivalry between the Mines and Carroll also extends to debate, so the contest should be an interesting one to watch. The team also plans to attend the TKA tournament in Missoula April 18-21, and have debates with Carroll and other schools in the state.

**********
THE WORD FROM THE COFFEE SHOP
by J. Robert Anonymous

Almost any time during the day, if one were to throw caution to the wind and venture into the coffee shop, he would find a number of students (?) gathered there discussing some pertinent and intriguing topic. The subjects under discussion vary over a wide range, from nuclear physics to trout fishing, with some very interesting topics between. Since the recent advent of coffee in our coffee shop, more time has been devoted to these educational and diversified discussions.

Today we had a symposium on practical mining.

D. Forsman: "Well, I had a good contract Saturday night. I had a good soft logging."

L. Kelly: "My partner must have got sick. About halfway through the shift he looked at me, grunted and went home."

E. J. Westerman: "Well, when I worked down there, after I got off the elevator, the head man took me down the little hallway. I put a whole bunch of logs on a little cart, pushed them down the hall, and lowered them into a hole where two fellows were shoveling coal."

D. Anderson: "In my varied and extensive experience in the mine I've found ---"

D. Regan: "Did you hear about Guy Lawyers experience with the honey cart?"

D. Anderson: "I've found that ---"

D. Forsman: "What about Guy Lawyer?"

D. Regan: "Well, he was working down in the car one night, and ---"

R. Dugdale: "Well, now, I don't know much about mining, but have you fellows seen that co-ed with ---"

Unknown Voice: "Cheese-it fellows here comes "Chancy" again.

UNSGN HERO

There is one man on campus whom few of us know very well --- and yet nearly all have received the benefit of his services --- Who is it? The campus foreman, EARL DENNY.

Earl is rarely seen and when students do see him they wonder what this big cheerful guy is up to. Mr. Denny is the work horse of the campus, living with his family in the small white house near the Petroleum Building. Denny handles all conceivable work on the campus. Faculty and students alike are apt to call on him - borrowing equipment, repairing miscellaneous items, paint, losing keys and innumerable other things. He hires students thus aiding them financially. Every M-day Earl puts an all out effort to make it a success.

Indeed we must give Denny a great deal of credit for handling his rather difficult post so efficiently. Denny is, "An Unsung Hero!"

*******************

"Have you heard that Sam cut down his drinking 50 percent?"
"No. How?"
"He has eliminated the chasers."

"Do you really love her, Floote?"
"Cutie, I worship the very ground her father struck oil on!" replied Floote.

The fellow who can face the music usually gets to lead the band.

It's easy to make enemies -- just lend your friends money.

Father: "Well, son, how are your marks in school?"
Son: "Under water."
Father: "What do you mean, under water?"
Son: "Below C level."

*******************
The staff of MSM welcomes a new member, Grace Fabatz, who is now working in the registrar's office replacing Mary Verbanec. Grace formerly worked for the Texas Company. Welcome to MSM, Grace.

*****

The Value of a Good Education

NOTES FROM THE OFFICE

A farewell dinner was held Wednesday evening, January 25, in the Roundup Room of the Finlen Hotel for Mary Verbanec, assistant registrar, who left for Kettle Falls, Wash., where she is entering the Lady of the Valley Convent.

Members of the staff presented Mary with a rosary and a corsage of pink carnations. Valentine candles and a centerpiece of yellow jonquils and acacia adorned the table. Mary will be missed by all who knew her and worked with her.

Members of the staff enjoyed a nice birthday luncheon served in the Central Typing Office Wednesday in honor of Elvie Murray. The table was decorated in a valentine motif and a valentine cake centered the table. Elvie will be missed by all who knew her and worked with her.

The staff of MSM welcomes a new member, Grace Fabatz, who is now working in the registrar's office replacing Mary Verbanec. Grace formerly worked for the Texas Company. Welcome to MSM, Grace.

*****

NOTICE!!!

Clare & Marva

Mrs. Norah Mulvaney met her friend, Mrs. Bridget Carr on the street the other day. Mrs. Carr was carrying her twelfth and youngest child in her arms. "Arrh, now Bridget," said Mrs. Mulvaney, "and there ye are with another fine little Carr in your arms."

"Another it is, Mrs. Mulvaney," sighed her friend, "and it's me that's hopin' 'tis the caboose."

*****

 Despite the high price of whisky, a 5-cent drink is still available in the South, a recent autopsy shows.

First Voice: "How do you feel this morning?"
Second Voice: "Fine."
First Voice: "I guess I have the wrong number."

Northern College Coed: "Men are all alike."
Southern College Coed: "Men are all Ah like too."

****
"Whaddya mean you had an eighty-five dollar contract Sat. nite!"