3-22-1965

The Amplifier - v. 10, no. 7

Associated Students of the Montana School of Mines

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Cliff Kavanaugh and Kent Taylor with Mr. Beckstead

INTERVIEW WITH ASARCO
by Ernest Bond

Rex C. Beckstead, Dept. of Safety and Technical Employment, Butte College, Smelting and Refining Company, with School of Mines campus recently. The picture above shows Mr. Beckstead with Kent Taylor and Clifford Kavanaugh, juniors, to whom ASARCO awarded $25,000 scholarship.

Mr. Beckstead interviews at twenty colleges throughout the United States, and also visits some Canadian and Mexican colleges. ASARCO is a large organization with mining properties in Peru, Mexico, Canada, U. S. and Nicaragua. Mr. Beckstead commented at this point that ASARCO is the largest number of students.

On comparison of MSM to technical courses, he stated that practical experience is one of the best teachers. The students have had experience in the mines of Butte, or they have had to work to get into school or have to work their way through school as well.

This leaves the teaching job to be good for the students.

The American Smelting and Refining Company has its general offices at 1200 Avenue of the Americas, New York, New York. The company has smelting, refining and processing centers throughout the United States, Colorado, East Helena, Montana; El Paso, Texas; Corpus Christi, Texas; Dallas, Texas; Kansas City, Missouri; and Perth Amboy, New Jersey.

ASARCO's finished products include products of antimony, arsenic, bismuth, cadmium, copper, germanium, gold, high purity elements, iodine, lead, molybdenum, nickel, platinum, selenium, silver, sulfur, tellurium, thallium, zinc, arsenic fiber, aluminum, brass, copper, iron, lead, magnesium, nickel, platinum, selenium, silver, stainless steels, fluid-solid interfaces, and special chemicals.

The Kramer Effect was discovered by a Geiger-Müller detector. A pilot-size Geiger-Müller detector must be used in the laboratory to detect the presence of the radioactive test material. The Kramer Effect can be detected by a Geiger-Müller detector and confirmed by other techniques such as the track method or the scintillation method.

The Kramer Effect is a phenomenon where the number of radioactive particles detected by a Geiger-Müller detector increases with the thickness of the target material.

The Kramer Effect is a useful tool for detecting the presence of radioactive materials in the environment. It is used in a variety of applications, including the detection of radionuclides in the air, water, and soil.

The Kramer Effect is also used in the detection of nuclear reactions and in the study of nuclear physics.

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Dear Editor,

We welcome this opportunity to share our experience and knowledge with others, and we hope that this information will be of value to you.

Sincerely yours,

[Signature]

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**Petroleum Field Trip**

On Thursday, March 15, junior engineering students took a field trip to a nearby oil field. The purpose of the trip was to provide the students with a hands-on learning experience and to help them understand the various aspects of petroleum engineering.

The students were led by Dr. John Smith, an experienced engineer with over 10 years of experience in the field. The trip included a visit to an oil rig, a tour of an oil refinery, and a discussion with local industry experts.

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**From The Desk Of The Student Body President**

Bob Toivonen

36-22-36

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**E-Days -- What and Why**

Engineering Days are being held on March 26 and 27 of this year. They are days traditionally set aside for an open house to show the public and the students alike what the Mines has to offer. The school has been invited to participate in the most famous and successful exhibitions.

In an interview, Professor Stoz, who is a member of the sponsoring group, said that the Mines and Engineering has to offer its students and its alumni opportunities to show the world what it has to offer. It is an opportunity for students to get a better understanding of their field and to be exposed to the latest technologies and practices.

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**Power of the Past**

On February 24th and 25th, the Montana Power Company sponsored a two-day event at the Great Falls Power Plant. The event was designed to provide an overview of the history and technology of the power industry.

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**Sigma Rho Fraternity**

On March 4, the Sigma Rho Fraternity hosted a formal event at the Montana Power Company in Bozeman. The event was attended by students, faculty, and alumni from the Montana State University.

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**The Degree Is in Geophysics Offered**

The School of Mines is now offering a Bachelor of Science Degree in Geophysical Engineering. The program is designed for students interested in careers in geophysics.

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**Computers Place Students**

Student Services has a round peg working for a round hole. Q E D Center now has a new electronic alert sheet that sends messages to students only one of its kind in the world. This system allows students who have late classes to receive important announcements without disrupting their studies. The system is currently being tested and is expected to be fully operational by the end of the semester.

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**Degrees**

The degree is in geophysics. A student can expect to have a varied and interesting career in geophysics. The degree provides a solid foundation in geophysical sciences and prepares students for careers in industry, government, or academia.

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**He Mops The Hops**

by Doc Jordan

"Have you ever wondered who does the laundry from your dorm room? Who cleans up the facilities from the common rooms? Who outranks all the students and hangs out in the halls? Who can talk to you in the hands of men in white, and make you laugh in the hands of women? That person is known around campus as "Jockie.""

This patient and faithful gentleman has been janitor in the Dorm for over eight years. And during his first term of service has witnessed just about everything and four grandchildren.

Mr. Thomas has been raised in Whitehall. One of his first jobs was delivering bakery products for the local market. He worked there from 1924 until 1929. After the Depression, "Jockie" worked for Walker's Drug Stores as a truck driver and later as a night foreman for over twenty years.

Mr. Thomas, age 70 at Zarela, just south of his old city, with his wife, the former Mary Morgan, Mrs. Thomas have two daughters and one son.

Although "Jockie" gave up fishing as a hobby, he still enjoys working in his garden for recreation, and his wife frequently visits Whitehall for a great deal of their leisure time.

**NEWMAN CLUB FEATURES PANEL**

The Newman Club featured a panel discussion entitled "Sex on Campus" at its meeting on March 2. The six members of the panel presented their views on this topic and a short discussion was held afterward.

Bill Madison opened the panel by discussing his view on the sex attitude of college students, which is popularly called the "playboy mentality." He commented on the fact that in their search for sex, many of today's college students are not willing to settle for a girl who will simply go out with them.

John Engleking followed with his views on sex by saying that sex is a "sex act" and should be returned.

Doctor T. E. G. Stolz or Professor Vine.

The final speaker of the evening, John Engleking followed with his views on sex by saying that sex is a "sex act" and should be returned.

The reason for the meeting was to find out the attitudes of the students on this campus regarding the topic and to find out the attitudes of the students on this campus regarding the topic.

**Have You Heard?**

Rumor has it that Joe Kandie did the strip to the "Stripper" on top of the piano at the recent Rho beer bust.

The coeds, cocky after their recent basketball exhibition during the Carnival game, have issued a challenge to the other teams for another game.

Bill Novack's now defunct "Bruin Shooters" team immediately responded with a willingness to accept the above challenge.

Hey, Angels Hemp, when are you going to return Birkholz's G.I. mess kit?

Here's a switch! Bernie Harrington, who was last seen on campus last Saturday accompanied by a couple of "regulars."

Vesta Scott may have a right to complain about the acoustics in the SUB that Bar. He seems every time she yells "hamburger" or "cheeseburger" these words echo about three or four times before the noise dies down.

**JOCKIE' THOMAS**

1965 EIT EXAMINATION

The 1965 Engineer-in-Training examination was held at the School of Mines in Butte at Montana State College in Bozeman on May 8, 1965. Applications for this examination must be received by the Board prior to March 15, 1965 and can be obtained from Professor Stols or Professor Vine.

The examination is an eight-hour open-book examination and covers the following ten engineering subjects: Mathematics (in analytical), calculus, Chemistry, Statics, Thermodynamics, Fluid Mechanics, Physics, Dynamics, Electrical Theory, Mechanics of Materials (Strength), Economic Selection.

The test will be divided into a morning and afternoon session, with five engineering subjects in each session. The applicant will be required to answer six problems in each session with the questions selected from four of the five subjects. Three questions are given in each subject.

The examination is of the open-book type. However, candidates are not permitted to use personal notes or problem solutions; books containing sample professional engineer or E.E. type questions with solutions, or other books or publications of a similar nature can be used during the examination.

The test will be divided into a morning and afternoon session, with five engineering subjects in each session. The applicant will be required to answer six problems in each session with the questions selected from four of the five subjects. Three questions are given in each subject.

The test is $10.00.

R. J. Trio Entertain

At Dance

Following the Mines-Carroll basketball game on February 26, Sigma and Rho and the sophomore class sponsored a dance in the SUB. Students from both colleges danced to the music of the R.T.V.

Earlier in the evening Sigma Rho sponsored a basketball game against the coeds to raise money for the Heart Fund Drive. Parts of Frat's charming outfits were seen at this dance.

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**What is this about Mary Mc- Gear getting married and in a mood to get away so he could get his head from the field to the wedding?**

"RED" by Doc Jordan

The friendly smile that usually greets you when you enter the foyer of your favorite room comes from the face of John J. "Red" Twomey. This engineer has been an employee on campus for over ten years. He knows and performs his job in an efficient manner.

"Red" was born and raised right here on the West Side. He graduated from Immaculate Conception and Butte High School. Before he came to work at MSM, he was a farmer for a while at the Kalen Hotel and a laborer for the Montana Power Company.

"Red" spent four and one-half years in Europe during World War II and made a service record that any American soldier would be proud of.

He married the former Lavern Carral, who was also born and raised in Butte and the couple, who live at 327 South Montana Street, have five children ranging from the ages of two to sixteen years. "Red" is an avid fisherman.

**JOHN TWOMEY**

spends much of his spare time on the river. He also follows local high school and college sports. At all these sports, football is his favorite.

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Profits buy new and improved tools, pay for research, and develop new sources of raw materials. Industry's profits builds America's future.

"A Partner in Montana's Progress"
COLOSSEUM PROGRESS

The new MSM Alumni Coliseum will be ready for initial use by the time baseball season opens next fall. Work has continued all winter preparing forms for the concrete footings and pouring footings for the baseball grandstand, as reported in a previous issue of the Amplifier. Between thirty and forty tons of structural steel have now been erected on the footings and that much more steel will be used before it is completed. After this, comes the concrete block building below the grandstand, housing change rooms, concession area and public rest rooms. Steel is also available for putting a roof on the grandstand, but erecting this is quite expensive due to the difficulty involved in working with steel that high in the air. More funds will have to be made available before this is possible.

Another project which will follow at once is the underground water line, which will have to be completed before the field and right field of the baseball diamond. In less than a year, then, the primary excavations of 5,000 square yards to level the area, the hauling of sand, soil and turf, the creation of extensive parking facilities, the lengthening of Park Street, and now the grandstand and fencing are objectives of the Intervarsity of Bible Study of MSM. 

Over 150 college students from Western Montana College and the School of Mines participated in an intercollegiate hootenanny, Saturday, February 19, in the MSM Student Union Building. Bob Satoit, M.C., introduced the groups from both schools. Those from WMC included: George Volsky, Garin Johnson and Rob Nor- rine, singing, "The Lone Sleeps Tonight;" "Long Tall Texans;" "Julian;" and "Big John's Hammer"; Sue Kephart, Charlotte Matthew and Patty Daniels, singing, "Five Hundred Miles," "Row, Row, Your Boat;" Gary Dall, John Bloomer, Dale Lockeis, and Gary Bond, singing, "Green Back Dollars;" and "Cool Waters;" and Lois and Bob Seidel, singing, "Lem- merary excavation of 56,000 square yard to complete the infield and turf to drywill be that of cutting and bringing to the field 30,000 feet of turf to complete the infield and right field of the baseball diamond.

Students Swing at Hootenanny

Over 150 college students from Western Montana College and the School of Mines participated in an intercollegiate hootenanny, Saturday, February 19, in the Student Union Building.

LENOR LUGER

The Dardannelles entertain at Hootenanny.

MINES WINS GAME

On Friday, February 26, the Car- roll College Intramural Champions invaded the Mines campus to be stunned by the Mines’ Intramural Champions by a score of 92-69.

The boys jumped off to an early lead but the girls managed to pull ahead although sometimes they may have had one or two extra players on the floor. The "Little Beavershooters" were hardly out-distanced by the "Big Boys" as the "boys" were outdistanced by the "girls" swinging elbows and floppy hanky but they left the floor in the end. The "boys" were not to be outdone by the "girls" and they left the court in the end.

MINES LOSSE FINALE

The Orediggers were defeated by a score of 76-58 in the final game of the season by the Saints of Carroll College.

The Mines held the score close in the first half, trailing by only eight points, but Carroll broke wide open in the second half to secure the victory. The victory left Carroll College with a 0-10 record, while the Saints of Carroll won a 4-6 record.

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