President Joke Declares Holiday

Because of a series of past events, which are dear to the heart of the student body, President Joke declared April 1 an official holiday at the Montana School of Mines. Therefore, there will be no classes in session today, but it was announced by December 9, the only head of the physics department, that those taking physics 22 will be required to attend class ten minutes early on Monday to make up a pop quiz.

In a personal interview with one "chipper" reporter, Scoop Mackrel, Dr. Joke stated many reasons for this unusual move, but it was that it is his birthday. Being the April Fool Day baby, Dr. Joke has spent his years perpetuating a way of life for which the day is named. Dr. Joke has been at the West in 2 Dot, Montana. Dr. Joke spent his younger days studying and preparing for a brilliant military and devoted civil life. He was graduated from the Montana Western School of Education, a school famous for leading and difficult curriculums. Since then he has served in the army as a full general and is now retired and living at the Montana School of Mines where he is enjoying a well-deserved rest. Even if the food is bad, the rent is free.

April 1 also marks the 15th anniversary of Dale Pink-knee's retiring from active professional baseball. Mr. Pink-knee was born and raised on the Flathead reservation where he was discovered by a scout from the Red Sox tribe. According to his pink-knee-clad record, his red sole, Dale played as a little bit short and in his first season proved himself a most valuable player by every tribe except the Nez Perce. He is now a member of the school faculty and is an expert on the subject. When interviewed Mr. Pink-knee stated, "I don't worry either?"

Joke Declares Holiday

Coming Events

APRIL
3 Krhrubachev speaks at 1st semester commencement
8 Faculty sponsors beer bust in Cool Room
11-15 Recreational week
20 Closing up sale at U.D.I.
23 Graduate students' weiner roast
20 Ma Tait's Rodeo from Whitehall in circle at 8:00 a.m.
May
34 Tom "Duggin" Conway's Pinochle champion-
ship in coffee shop
JUNE
5 Sophomores exempt from calculus final
Dear Sir:

In reference to the reference to the article "Must You Take a Course in English," I would like to point out the importance of this subject. It is a vital part of a student's education.

For example, a poor command of English can hinder a student's ability to communicate effectively in both written and oral forms. This can lead to difficulties in expressing ideas clearly and in understanding the ideas of others. Moreover, English is a fundamental language of modern society, serving as a medium of international communication.

Furthermore, a strong foundation in English can open up a variety of career opportunities. Many fields, such as law, medicine, and finance, require a high level of proficiency in written and spoken English.

Therefore, I believe that it is essential for students to take a course in English. It is not just a requirement for graduation, but a valuable skill that will benefit them throughout their lives.

Yours sincerely,

[Your Name]
One of Finest Mineral Collections at MSM

The School of Mines possesses one of the finest mineral specimen collections in the world. The specimens have been collected from all over the world and it is conservatively estimated that the value of this collection is over $200,000.

The main body of these specimens is displayed on the upper floor of the Library and Museum Building. The minerals are labeled and placed in showcases arranged so that the viewer can easily see them. There is a "dark room" to the immediate left of anyone entering the display room where fluorescent minerals are displayed. Another special exhibit is that display, in the safe, which consists of many gold, silver, and precious gem specimens.

The Montana School of Mines collection has been made up of individual collections, which have been either donated to the school or have been purchased by the school.

The largest individual collection that has been acquired by the school is the Howard and James Eddy collection, consisting of over 5000 specimens which have come from the Butte area.

The second largest individual collection is the Charles R. Galagher collection, which was first loaned to the school and then donated to it. This collection consists of approximately 2000 extremely fine samples gathered from various parts of the world.

The next largest individual collection is the William A. Clark III collection, which was received by the school as a bequest under the terms of the will of the late William A. Clark III. This collection consists of over 1,000 beautiful specimens from all over the world.

Another large collection is that of George Fowler. This collection consists of minerals from the tri-state district which is Kansas, Oklahoma, and Missouri.

There have been many other smaller donations, some by individuals and others by the Montana Bureau of Mines.

There are also some very colorful free metal mineral specimens exhibited on the second floor of Main Hall. Most of these minerals have come from the Butte Hill and are located in front of the Bureau of Mines office.

Mechanics Displays

With E-Day getting closer, the Mechanics department group is busy preparing numerous displays. This department is comprised of three divisions: Fluid Mechanics, Strength of Materials, and Electricity. There will be displays portraying each of these divisions. Representing the fluid department will be several flumes with water flowing through them. Various techniques for determining stream flow and flow pressure will be demonstrated. Different types of stream patterns with turbulent and streamlined flow will occupy a prominent position in the display. The strengths of materials exhibitions will be supplied by testing the strength of different types of metals, wood, and cement, utilizing the Penius-olson testing device and the Fenton Tester. In addition, the new De rect shear soils mechanics device will be on display. Of special interest in the Electricity lab will be the Siscohm recently purchased by the mechanics department. It is hoped that this department will be able to have a microwave unit on display plus a few other interesting exhibits. With the assistance of Mr. Pugh and Mr. Rahn, this laboratory will be running to present interesting and informative E-Day exhibits.

A Seismograph Model on Display; Quake Reviewed

The earthquake committee plans to give a comprehensive program on the geology and seismology of earthquakes in general, and a portion of the program will be devoted to the recent Madison quake. The sensationalization of past reports in sensationalism of past reports in individual articles and others by the Montana Bureau of Mines. "This program is designed as a guide to tell you what there is to see and where it is being shown. The displays cover all the major fields of mineral engineering, as well as most of the related fields affecting the mineral industries. We feel justifiable pride and enthusiasm for our chosen field—engineering. If you share our feelings upon completion of your visit, our purpose in presenting E-Day will have been realized.

We urge you to take your time, see everything there is to see, and ask questions. Comments and constructive criticism will be appreciated, since we realize that one purpose of education is to make us conscious of how much we do not know.

Please register in one of the registration books located at various points on the campus.

Thank you for showing your interest in our endeavor by attending E-Day.

Vital E-Day Information

Activities during E-Day will take place April 2nd and 3rd. Displays will be presented from 1:30-4:30 p.m. Saturday and Sunday. The following departments will offer displays: geology, physics, mining, petroleum, metallurgy, mineral dressing, chemistry, and mechanical engineering.

Display Rooms

Main Hall
- Room 200: Slides on Antarctica by Steve DenHartong
- Room 28: Emulsions - 15 min.
- Room 35: Magnification of Time - 20 min. (Use of high speed camera)

Petroleum Bldg.
- Room 7: 1. Treating Crude Oil
- Room 4: 2. 4, 6, 8 p.m. (Time of high

Main Hall
- Room 52: Minutes on the Story of Uranium
- Room 110: Treating Crude Oil
- Room 120: 2, 4, 6, 8 p.m. (Time of high

Petroleum Bldg.
- Room 130: Earthquake discussion

Movie and Slide Schedule

<table>
<thead>
<tr>
<th>Location</th>
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<tr>
<td>Main Hall</td>
<td>Petrof River - 28 min.</td>
<td>3, 5, 7, 9 p.m.</td>
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<tr>
<td>Room 200</td>
<td>the Story of Uranium</td>
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Bureau of Mines

The Bureau of Mines is displaying all of the various publications, which are free to the public, of which may be purchased at a nominal fee in the Union Office of the Main Hall. Also on display are the quadrangle topographic maps made by the United States Geological Survey. Some of the laboratory equipment that will be shown will be the binocular microscope used in mineral identification and a chemical set-up for mineral analysis. Also a display of the panoramic reducing scale method in drafting will be shown. A map of wildcat oil and gas operations in Montana during the last year will also be shown. The technique of drawing geologic maps is demonstrated, with a separate display of each step involved.

"Advice is what the old give the young when they can no longer set a bad example." Irvin Cobb.
History of Montana
School of Mines

In February, 1893, the foundation of the Montana School of Mines was laid by the acts of the Third Legislative Assembly of Montana. In 1896 the erection of Main Hall was begun and on September 11, 1900, the college opened its doors and enrollment of the first students began. The first class was graduated in June, 1903.

Nathan H. Leonard, noted mathematician, was the first president of the college. Other presidents were as follows: Charles H. Bowerman, 1896-1898; Charles H. Clapp, 1919-1921; George W. Craven, 1921-1925; Francis A. Thomson, 1925-1933; A. Howard, 1933-1938; A. Michael, 1938-1940; Robert Van Pelt, 1951-1956; and in 1957 Edwin G. Koch became president, an office which he held until 1960.

In 1907, $500,000 was appropriated for a new heating plant and the building of a gymnasium. In 1920, physics displays were set up in an old building and a new gymnasium was erected, at part of a PWA project, the Resevoir Building. In 1951, a new gym was added to the campus is the new Recreation Hall. In 1957, $50,000 was appropriated for a new heating plant and the building of a gymnasium. In 1957, a new gym was added to the campus.

Since its first days, the Mines has been famous for its many fine graduates, who are found everywhere throughout the mineral industry.

Physics Display to Illustrate Both Classical and Modern Aspects

Under the supervision of Dr. Stephen N. Niles, Physics Department will present a number of E-day displays and experiments concerned with both general physics and instrumentation.

The building of 1920, physics displays will cover fundamental principles of light, electricity, mechanics and sound. In connection with light, there will be demonstrations given using prisms and diffraction spectroscopes. To show electrical principles, amplifiers, electrostatic generators, pith balls and other fundamental devices will be used. Of special interest to people in this area will be a demonstration of the phenomena of fluorescence, in an electrical field and the application of the phenomena of electroluminescence, t.h.e. photographer's illuminator. With the help of radiant heat energy—even that of a candle flame—and the use of a device of the kind in which the device—can be converted into an electrical current. Cathode ray tubes and a cathode-ray oscilloscope, along with displays concerning the magnetic field, will further illustrate electrical principles.

A strobe light will be used to "free" a vibrating string, thus showing how a mechanical wave can be converted into an electrical wave, and back. The display will generate a series of pictures relating to the history of engineering.

The instrumentation laboratory will be the scene of displays to acquaint the visitor with this field of study. Instruments used in the mining, oil, and gas industries for measuring temperature, humidity, pressure, flow, resistivity, stress and strain, will be explained.

Although many of the above-mentioned displays have complicated and technical sounding names, the displays will be explained in language understandable to the average visitor. The displays will be educational and entertaining to everyone.

From the student chairman of the physics committee, A. K. Merritt, comes this invitation, "Come on in and see our display. We're located on the north end of the gymnasium, between the School of Mines and the Physics-Petroleum Building. I am sure you'll enjoy yourself."

Petroleum Dept.

In the Petroleum Department, outstanding displays and experiments will be presented. These displays, which will aid in tracing the development of the oil industry, and the ways in which they are used in evaluating the reserves, will be set up and demonstrated by the students of the Department of Petroleum Analysis, Drilling, and Production.

The reservoir phase traces the development of core and fluid analysis, and the ways in which they are used in evaluating the reserves. The reservoir evaluation exhibits will be in the Petroleum Engineering Hall.

A working reservoir model is being shipped from Magnolia, Arkansas, by the McAlester Fuel Products Co., and is being accompanied by Mr. Hoyle Clinton who will be in charge of all presentations.

A display of oil field paintings from Hughes Tool Co. will be in the second floor of the Metallurgy Building. The following displays will be the display in the MSM Library, an interesting side-light exhibit.

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Library Display

An exhibit of current engineering literature against a background of history of engineering literature will be displayed in the MSM Library for E-Day. The display, under the supervision of Mrs. Letty Pucke, will be placed on tables and bulletin boards around the library. Emphasis will be placed on methods of indexing engineering material.

The display of engineering literature will consist of different kinds of books which are State of Montana documents, periodicals, and various books on methods of indexing.

Four bulletin boards will show a series of pictures relating to the history of engineering.

Also available for reading microfilm and microcards and new books of general interest will be on display.

This year E-Day coincides with the beginning of National Library Week which runs from April 3-9.

During other years the library display has been of great interest and promises to be of interest again this year.

Among present state governors, 36 are lawyers and 26 are under 50 years of age.

Mining Dept.

The Mining Department will present an exhibit display for E-Day. There will be an equipment display contrasting the methods and equipment of the mining industry of today with that of yesterday. A number of photographs of early mining in Butte and various models of mining practice and methods will also be on display.

Geology Dept.

The Geology Department will exhibit three phases of geology—mineralogy, petroleum, and general geology—on the second floor of Main Hall.

The general geology exhibit will consist of displays of geologic literature, reference maps of all types, mineralogy, petrology, and paleontology. The areas of stratigraphy, petrology, and mineralogy will be covered in this section.

Displays of projecting techniques, petrography, and crystallochemistry will be on display in this section.

The petroleum geology exhibit will show the steps taken in the location, interpretation, and production of an oil reservoir by use of air photos, surface mapping, structure maps, and logging methods.

One of the first American private investment abroad is in Latin America.
**Baseball Schedule**

The Mines baseball team has a 10-game schedule with an additional pre-season game tentative with Rosamond plans of which have not yet materialized. The schedule is as follows:

- April 24—Western at Dillon 1:00 p.m.
- April 27 or May 4—Carroll at Butte 3:00 p.m.
- May 6—Western at Butte 1:00 p.m.
- May 15—4-team tournament in Anaconda
  1. Missoula vs. Carroll at Butte 9:00 a.m.
  2. Mines vs. Western 11:00 a.m.
  3. Losers(1) vs. Losers(2) 1:00 p.m.
  4. Winners(1) vs. Winners(2) 3:00 p.m.
- May 20—Montana College Conference meet in Butte
  1. Mines vs. (Winner of Carroll-Northern game) 8:00 a.m.
  2. Western vs. (Winner of Rocky-Eastern game) 10:00 a.m.
  3. Winners(1) vs. Losers(2) 1:00 p.m.
  4. Winners(1) vs. Winners(2) 3:00 p.m.
- May 21—Montana College Conference meet at Butte

**Spring Sports Set**

Besides baseball, other spring sports are swinging into high gear with the following schedule of sports events:

- May 7—Montana State College Invitational at Bozeman
- May 14–N.A.A. meet at Dillon
- May 21–Montana College Conference meet at Butte

**Tennis**

May 21—Montana College Conference meet at Butte

**Golf**

May 20–21—Montana College Conference meet at Butte Country Club

**Letter Winners Are Announced**

The letter winners for the Montana School of Mines basketball team for the 1950–51 season were announced last week by Coach Ed Simsonich. Four of the boys have earned their first letter at this school and are as follows: Pete Gilligan, Great Falls, Montana; Bob Helmin, Billings, Montana; Al Hirring, Missoula, Montana; and Tom Eling, Butte, Montana. The other six to be awarded monograms are Webb Garvey, Kalispell; Alonzo; John, Butte, Montana; Will Thompson, Everett, Montana; and Jon Leffel, Butte, Montana.

**Alumni Tickets Selling Fast**

Because of the success of the football team at the Montana School of Mines this past season, a number of the alumni have already ordered season tickets for the football contests next year. The average attendance at the football games last year was approximately 20,000 mainly due to the new stadium, Rock Slide Field, which was completed last season. Butte and vicinity could attend last season's games free at the gates.

This was the first year in the school's history of athletic scholarships that there was seating capacity to fulfill the orders for alumni tickets. Last year there were 11,000 requests and the school was only able to sell around 7,000 tickets due to lack of parking space around the stadium and seating capacity in the old stadium.

The athletic department feels that if any more people show up, it will be the biggest and fastest team the school has ever produced. There will be 35 returning letter-men for next year's squad, along with 12 more scholarships to be awarded to the choice high school athletes of last year, with 7 of the 111 being named on the All-Conference team.

We hope most of the alumni have ordered their tickets so they will also be able to see next year's peddle iron aggregation in action against their beloved conference opponents next fall, when they will try to bring home the same winning streak clear of any blemishes.
To Be A Better-Read, Better-Informed, Well-Rounded Beak-Think, Read The Mines Times

WANTED:

Candid shots for Magma, at once; give to any staff member.

JOSH BILLINGS SAID: In the whole history of the world there is but one thing that money cannot buy—-to-wit, the way of a dog's tail.

If exercise will eliminate fat, how in the world does a woman get a double chin?

**Field of Courses Being Widened**

Social Behavior Outside the U & T; Removal of Lipstck from White Cloth; A History of the Bobby Pin; The Art of Lying to Wife and/or Boss; How to Ped Xerox; and History of the Ford and How to Keep Art of Lying for the Use of Baling Wire and Bubble Gum are just a few of the new courses being offered by the Humanities Department.

New engineering courses include: Flat Surveying; Mind Surveying; and Full Surveying.

The camp director was having his troubles with the gang assigned to him. They questioned everything. They didn’t dress nice because everyone Rico and into the tropical rain forest. They want the day before yesterday.

The woman gasped and fainted. “That’s my pet rooster,” answered Mrs. Donald McMillan, president, of the Student Wives’ Club. Discussion at the Saturday evening meetings. For those who find calculus too difficult, a course in Social Behavior Outside the U & T; Removal of Lipstck from White Cloth; A History of the Bobby Pin; The Art of Lying to Wife and/or Boss; How to Ped Xerox; and History of the Ford and How to Keep Art of Lying for the Use of Baling Wire and Bubble Gum are just a few of the new courses being offered by the Humanities Department.

“Why isn’t I born smart in- stead of dull?”

“Next week we’ve got to get out on the track. W. Chance in training for his great patience and understanding.

**Compliments of McCarthy’s**

**War Surplus Stores**

**Ottawa Carter Service**

**New Smith-Corona Portables**

**Shoes for the Entire Family**

**The Torgovy**

**Montana’s Leading Dealer for MEN and BOYS**

**P & R Drug**

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