Tech gets green light

A expanded curriculm, larger faculty, and new degrees may be in the offing, according to Dr. Herbert Warren, accredited to a drilling rig where Greg Snyder, an independent operator, made the discovery of the finding of iron in the spring of this year. from any high spot in the field.

drilled pipe was being pulled out to a battery installation. The oil producing zone was extremely high. where the lines had been buried since that time over 80 oil wells of typical oil field do. The field gathering lines could be seen as they extended beyond the limits of the field were not extended beyond the limits of the field.

... that the students in the dog house. The drilling was to view one of the drilling rigs being set up. This particular rig was a jackknife type. The drilling was seen from flat on the ground and...
The AMPLIFIER is off to a good start this year under the able efforts of Pete Knudsen. Those of us who read the paper last year noticed a brighter appearance to this paper and sharper pictures. Part of this improvement is due to the printing technique used this year, but larger print also helps. In addition, fewer or shorter news stories are required to fill the paper, eliminating a cluttered appearance that resulted when articles had to be written simply to fill the space.

The staff members that I have seen also be appreciated. Ernie Bond has been very generous with his help and his comments often entertain as much as harm. Larry Hoffman has imaginative thoughts about campus situations and personalities which he expresses well in his column. The satire of Scaramouche (Neil Shaw) should not be overlooked. Although Scaramouche was put out as a rival paper last year, the communication gap is being closed and Neil’s articles are now appearing in the AMPLIFIER.

As editor of the AMPLIFIER last year, I made a request many times, and I am repeating it again for Pete and his staff. Although the staff do a great job, your contributions are needed to keep the AMPLIFIER a good paper. If you have opinions to put in the paper, news that the staff reporters missed, or general student lies, feel free to see in the office, submit them to the staff. Remember, this is your news medium for the issues that interest you. You are paying for the paper — help get your money’s worth.

Steve Bauer

Cross Cut

by L. C. Hoffman

Hmmmmmm. Everyone should read the local paper. It’s really great! Just this morning I learned of a contribution of non-student Montana Tech that I never knew before. In an obviously carefully prepared and well front page article, it was shown how our schools graduate fewer and fewer each year as the other schools in the state graduate more and more. Extrapolating these figures one comes up with the fact that Montana Tech will be in a position to graduate a negative number of engineers. Since we cannot graduate a negative number, simple math tells us that we will instead graduate negative engineers. With the continued support of all concerned we could be the first in the field.

Let me describe what a unified effort of negative engineers could accomplish.

Negative Geophysicists will go into hills with their electric sledge hammers and plug them into nearby current sources. They will then collude with Negative Petroleum Engineers and the center and a rock bolt installed. A seismograph is attached to the entire body of ore is blasted on the head of the electric hammer. Recording devices pick up the sound and the ore body can be outlined. Confirmation of the ore. Negative Geologists move in and drill holes along the ore body. The ore is blasted to loosen the ore. Then a single hole is drilled in the

BOND’S EYE VIEW

There is a song that is now gaining in popularity. I suggest we add it as the official song for those of us who want to graduate from Montana Tech. The song is called ‘Impossible Dream’.

To all friends and relatives of Montana Tech—(S.O.S.)!

I have been trying to think of something appropriate to say about Thanksgiving. First, I thought of a dramatic approach—you know, talk about the Pilgrims and the harsh world they had escaped and how they found a new world—a land of bountiful opportunity and a huge ocean separating them from their tormentors. But you already know this, as well as the fact that from this handful of refugees our American heritage was born.

The second approach I tried was to talk of our American heritage—also a little too melodramatic. How this handful of refugees became friends with the Indians and learned from them. How they sold to live—feel that their sons could be born free—free to worship as they choose, free to speak their minds, free to work at the jobs they employed to live as free—from any other human to live. But you know this too.

My last attempt at this subject was to list some of the things we can do for the future. Things like being able to attend college and go on to unknown heights in the field we choose. That we have certain ‘unalienable rights’—the right to life, liberty, and the pursuit of happiness. That we institute the rules we follow to preserve our freedoms. These approaches—all too melodramatic and worn out. So instead I’ll just say this: I am thankful to be alive and healthy, a citizen of the U.S.A., and working my way through college

You know, Russia and Red China are eating their hearts out about our American Heritage—and they are trying to eat ours, too.

Prof. Frank Kelly studies in Arkansas

Professor Frank H. Kelly of the Department of Humanities and Social Sciences, participated in a National Science Foundation Institute for Teachers at the University of Arkansas during the past summer. The eight-week program included work in Microeconomics, Mathematical Economics, and Governmental Policy. Eight semester hours of graduate credit were earned. Guest lectures included work in Microeconomics, Mathematical Economics, and Governmental Policy. Eight semester hours of graduate credit were earned. Guest lectures on computer use, the operation of financial markets, the application of theory to resource problems added to the scope of the program. A special discussion by Dr. Kuhlman, head of the Department of Economics at the University of Missouri, dealt with new methods and approaches in the teaching of Economics.

During mid-August Professor Kelly attended the regional meeting of the Western Economic Association at the University of Colorado, Boulder. Academic and industrial economists from all parts of the United States were present, and papers were presented in all the major areas of economics.
True Truese wins 3rd place in meet

True Truese, Tech freshman, won third place in oratory in the three-state invitational tournament at Dickinson, North Dakota, on the weekend of November 17-18. This was the second tournament competition of the year for the speech squad.

Other members who have participated in both tournaments are Sheila Manns, Karen Willi¬ams, and Lonnie Mollberg. Each has placed in the third round of the tournaments. Colleges against which the Speech Squad competed include the University of Montana; the College of Great Falls; Rocky Mountain, North Dakota State College at Grand Forks, Mayville, Minot, and Dickinson; Black Hills Teach¬ers College at Spearfish, South Dakota; University of Wyoming; Seattle Pacific; Colorado State; and Brigham Young University at Provo, Utah.

Tentative plans for the rest of the season are competition at invitational meets at Rocky Mountain, Black Hills, College of Great Falls, and the Big Sky meet at Missoula.

Speakers and advisor wish to thank the student body for encouraging the team to compete successfully through the rankings of contacts each tournament affords.

Sigma Rho rides again

Sigma Rho held its annual fall hayride the night of November 4 at the Columbia Ridi¬ng Stables. The function was enjoyed by approximately 30 members of the fraternity and a variety of guests.

Our Pledge Dinner was held at the Vegas Club the night of November 10. New members being initiated as pledges were Jack Humphrey, Jere Hoy, and Mike Pentilla. Guest speaker was Lane K. Branson, a new ad¬dition to Tech's Physics De¬partment faculty. He spoke briefly concerning the future of Tech and our role in it. Later he presented slides and monol¬o¬go illustrating his travels to India and Africa while working as a representative for a scientific supply company.

Our meeting of November 16 was held for the express pur¬pose of entertaining Ted Williams for his upcoming wedding. Highlighting the evening were stopes, among other places, at the Nile's house and the Student Union building with the blushing groom. A good time was enjoyed by all, especially Ted.

Miners travel to nearly operations

(cont. from page 1)

at Carter Creek, about five miles from the tail mine. The number of machinery and equipment in the operation was so increased that the original building was not large enough to house it all.

On the afternoon of November 16, a short trip was made to the Orphan Girl Mine for the purpose of demonstrating cor¬tin blasting and timing tech¬niques to a group of mining students. Future out of town trips are being planned, mainly because the Butte mines are out of operation.

Theta Tau selects six

On November 3, Joe Hugo, Ron Koehler, Pete Knudsen, John Blumer, Dick Rule, and Phil Nichols were initiated into the mysteries of Theta Tau Fraternity.

Following the initiation the new members were treated to a smorgasbord and social at Harrington's Sirlon Room. Alumni attending were William Robinson, Spike Doncgan, Dan Stowe and Mr. Van Matre.

CARLSEN and Rule did research last summer

Research was the common theme of the summer jobs of both Gary Carlson and Dick Rule.

Gary worked in Shell Oil's Los Angeles Production lab as an engineering technician. The chief business of his lab was core analysis. Cores from rocks in the field are brought in and analyzed for oil saturation and water content as well as under¬going other tests.

Though employed as a lab technician, he was also able to learn, and he worked was education. Gary thinks this gave him some insight into how laboratory work is carried out and how reliable results are. He will be able to use this knowledge as an engineer.

All work and no play makes Gary a dull boy. He managed to make it to baseball games, Disneyland, and to Tijuana, land of the dirty postcard.

Gary said that he liked his job and especially the people with whom he worked. He is a senior in petroleum engineering.

Dick Rule worked at Montana Tech this summer. He did a re¬search associate on a State project headed by Professor Young. Dick worked for research into design, maint¬enance, and installation of equipment for measurement of gas temperature, moisture content, density, and electrical conduc¬tivity of lithified shale. (Sigma Rho holds annual initiation each year)

Lithified shale is a shale which has a high clay content and absorbs a lot of water. When it absorbs enough water, it swells. "Why," I hear you cry, "would anyone want to look into the design mainten¬ance, and installation of equip¬ment to measure gas temperature, moisture density, and electrical conduc¬tivity of lithified shale?" The reason is that, when you build a road over the stuff, and it swells, it causes the road surface to buckle and crack. Pre¬sumably, this phenomenon could be prevented if we knew enough about the design, maint¬enance and installation of gas production centers, the amount of water they have gone up, but today Montana Mining Company has no idea of how many residents are paying much less than their neighbors for electricity than they did just 10 years ago. It is not in the interest of anyone to save $8 in farm labor.

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THE AMPLIFIER Page Three

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Tech loses Three

The Montana Tech Orediggers opened the new basketball season by dropping its first two games. On November 17 Tech lost to Miles City J.C., 86-66. The following evening, November 18, Tech lost to Glendive J.C., 85-61. Bud McEnaney was the scoring leader for the Orediggers both nights with 16 and 29 points respectively. Tech had a strong defense but the taller teams finally wore out in a well played contest.

Three make all-conference

Ken Tholstrom, John Blumer and Wally O’Connell were given honorable mention All-Conference ratings in a meeting of the coaches winding up another back and was a defensivesafe.

Intramural basketball in session

The intramural program proceeded in full swing with the formation of a 12-team basketball league.

The teams are divided into 2 conferences, each of 6 teams, and they will play for the league championship at the season’s end.


The league begins play on Monday, November 30, and games will continue every Monday, Tuesday and Wednesday through the season. There will be 2 games nightly, one from each conference. Game time is 7:00 and 7:45 p.m.

In earlier intramural activity this year, Tapakagbar defeated Us 84-72 to become the league flag football champions.

Four of the five seniors on the 1967 football team are left to eight John Barry, Ken Tholstrom, Ron Koehler, and John Cavanaugh. Missing is John Sutey, who was injured early in the season.

Ed Nordquist plays his last season here

Ed Nordquist, a senior from Anaconda, is playing his last season as a Montana Oredigger. Ed plays a guard position and is a very fine ball player. Last year Ed was honorable mention all-conference.

Ed is also very active in other facets of school life. He is a petroleum engineer major and is active in such organizations as the Petroleum Engineering Society, The Engineers Club, and the Petroleum Honor Society.

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On Monday, November 30, Tech will begin its league play with a game against Glendive J.C. The game will be played at 7:00 p.m. at the Glendive J.C. gymnasium.

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