DEDICATED
TO
Professor
Richard Herb Reece
The President's Message

The period since the publication of the Porphyrty of 1927 has been an eventful one for the New Mexico School of Mines. It has witnessed the completion of the building program provided for by the Legislature of 1927, which has given the institution a new Science Hall and an enlarged Driscoll Hall with a capacity of fifty students.

The greatest disaster in the history of the school occurred on July 5, 1928, when the old Main Building was almost completely destroyed by fire. Constructed in 1891-92, it was for a period of ten years the only building on the campus. Naturally it has a place in the hearts of the graduates and older students which can never be filled by another building.

Fortunately the insurance payments are ample to replace the old Main Building with a larger, modern, fire-proof structure. A new building is now rising on the site of the old one and will be ready for occupancy when the 1929-30 school year opens. It has been named Brown Hall in honor of the late Mr. C. T. Brown who labored so faithfully and efficiently for the school from the time it was organized until his death, in 1925. Brown Hall will provide quarters for the administrative offices, department of geology and mineralogy, department of civil engineering, and the State Bureau of Mines and Mineral Resources.

Other important improvements to be completed before another school year begins include the remodeling of the Engineering Building for the exclusive use of the department of mining and metallurgy and the conversion of the west wing of the old Main Building into a library.

The notable betterment of the physical plant of the School of Mines and the improved standing which it has attained in the mining fraternity assure its continued progress for the coming years.

E. H. Wells.
President.
RICHARD HERB REICE, B.S., M.A.
Professor of Mathematics and Physics

ARTHUR R. FERGUSON, A.B., M.A.
Professor of Chemistry

THOMAS H. McCARTHY, B.S.
Professor of Civil Engineering

ADOLPH S. WALTER, E.M.
Professor of Mining and Metallurgy

J. B. JOHNSON, B.S.
Professor of English and Athletic Director

V. T. STRINGFIELD, B.S., M.S.
Assistant Professor of Geology and Mineralogy

A. H. KOSCHMANN, B.A., M.A.
Professor of Geology and Mineralogy

J. A. WEIR, E.M.
Assistant Professor of Civil Engineering and Metallurgy
Board of Regents

His Excellency, Honorable R. C. Dillon,
Governor of New Mexico, ex-officio
Santa Fe

Miss Lois Randolph,
State Superintendent of Public Instruction, ex-officio
Santa Fe

Powell Stackhouse, Jr.,
Coal Mine Operator
San Antonio

J. M. Sully,
General Manager Chino Mines, Nevada Consolidated
Copper Company
Harley

E. M. Sawyer,
Mining Engineer
Tyrone

Cecil Rowe,
Assistant Manager Kinney Coal Mine
Tokay

(Mrs. Anton) Annie S. Mayer,
Editor and Co-owner of the Socorro Chieftain
Socorro

Officers of the Board

Powell Stackhouse, Jr., President
(Mrs. Anton) Annie S. Mayer, Secretary-Treasurer
Blanche Reed, Clerk
FRANK GEORGE
"Baby Face"
Mining
Gallop, N. M.
Engineers' Club: 1, 2, 3; Janitors' Union: 4; "M" Club: 2, 3, 4; Football: 2, 3, 4; Baseball: 3; Class Baseball: 1, 2, 3, 4; Track: 1, 2, 3; Moonlight and Roses.

JAMES FORD
"Jim"
General
Schenectady, N. Y.
Engineers' Club: 1, 2, 3; "M" Club: 2, 3, 4; Basketball: 1, 2, 3, 4; Baseball: 1, 2, 3; Track: 1, 2, 3; Athletic Editor; Gold Pans: A. A. Social Comm.: 3, 4; St. Pat's: 4.

BERTHAM DUNDIE
"Boss"
Geology
Downey, Calif.
Engineers' Club: 2, 3; "M" Club: 2; Baseball: 2; Class Baseball: 2; Janitors' Union: 3, 4. His favorite sport is hunting bear in a cannon bed.

CHARLES WARD
"Pottah"
Geology
Alamotia, Kan.
Engineers' Club: 2, 3; "M" Club: 2, 3; Football: 2, 3; Class Baseball: 2, 3; Track: 2, 3; Student Council: 4; Incessant and moroseman.

LEE ALMY
"Brown Eyes"
Geology
Deming, N. M.
Engineers' Club: 1, 2, 3; "M" Club: 2, 3, 4; Football: 3, 4; Basketball: 3, 4; Baseball: 2; Class Basketball: 1, 2, 3, 4; Baseball: 1, 2, 3; Track: 1, 2, 3; Janitors' Union: 3, 4; Porphyry Staff: 4; Six feet two inches of sex appeal.

DANIEL SCHAFFNER
"Dan"
Mining
Emporia, Kan.
Engineers' Club: 3; "M" Club: 3, 4; Football: 3, 4; Co-Captain: 4; Class Track: 3.

ROLAND HEACOX
"Hicky"
General
Schenectady, N. Y.
Engineers' Club: 1, 2, 3; "M" Club: 1, 2, 3, 4; Football: 3, 4; Co-Captain: 4; Basketball: 1, 2, 3, 4; Captain: 4; Baseball Manager: 3; Class Basketball: 1, 2, 3, 4; Baseball: 1, 2, 3, 4; Track: 1, 2, 3; Student Council: 1; Class Secretary-Treasurer: 3; A. A. Social Comm.: 3; "Ute's Comm.: 4; Janitors' Union: 2, 3; The wild ball of the campus.

JULIO GONCALVES
"Gonsico"
Minining
Pernambuco, Brazil
Engineers' Club: 1, 2, 3; Janitors' Union: 2, 3, 4; Hello, everybody. I'm a Hoot Owl. "

1929
James Baldwin
Mining
Jim
Secrecto. N. M.
Engineers' Club 1, 2, 3; Jantiters' Union
2, 3, 4; "M" Club 2, 3, 4; Football 2,
3, 4; Basketball 2, 3, 4; Track 2, 3;
Class Basketball 1, 2, 3, 4; Baseball 1,
3, 4; Tennis 1, 2; 49ers Dance Comm. 4.
Dead men make good buffaloes.

Frank Stevens
Mining
Poncho
Las Cruces, N. M.
Engineers' Club 1, 2, 3; Jantiters' Union
2, 3, 4; "M" Club 4; Ass't Football
Manager 3; Manager 4; Student Council
2, 3; Class President 4; President
Country Mining Club 3; Secretary-Treasur-
er 4; Porphory Staff 4, A. A. Social
Comm. 2.
Here's to a long life
and a merry one.

Harold Olsen
Mining
"Olie"
Claremont, Minn.
Engineers' Club 1, 2, 3; Jantiters' Union
2, 3, 4; Student Council 4; Class Secre-
tary-Treasurer 1, 2; President County
Mining Club 2; St. Pat's Dance Comm.
2; 49ers Dance Comm. 4.
The drug store cowboy.

William Henning
General
"Bommy"
Stroudsburg, Pa.
Engineers' Club 1, 2, 3; "M" Club 4;
Class Secretary-Treasurer 4; Gold Pan
Editor 4; Porphory Staff 4; Assistant
Basketball Manager 3; Manager 4; Class
Track 2, 3.
The volume of alacamic washers is equal to
W. Wee over P. Wee.

Richard Hon
Geology
"Dick"
Sheridan, Wyo.
Engineers' Club 1, 2, 3; "M" Club 2, 3,
4; Football 2, 3, 4; Class Basketball 1,
2, 3, 4; Baseball 1, 2; Track 2, 3; Stu-
dent Council 3; Vigilantes 2; Porphory
Editor 4; "49er's Dance Comm.
The Wyoming sheep herder.

Louis Steele
Mining
"Louie"
Glendale, Calif.
Engineers' Club 1, 2, 3; "M" Club 2, 3,
4; Tennis 2, 3; Class Tennis 2, 3, Base-
ball 1, 3; Porphory Staff 4.
The rootin' tootin' Ederdale cowboy Joe.

Frank Boucher
Mining and Geology
British West Indies
"Jed"
Engineers' Club 1, 2, 3; "M" Club 2,
3, 4; Jantiters' Union 2, 3, 4; Porphory
Staff 2, 4; Class President 3; Student
Council 2, 3, 4; A. A. Secretary-Treasurer
2, Vice-President, President 4; "49er's
Dance Comm. 4; Tennis 2, Tennis Mgr.
2, 3; Class Tennis 1, 2, 3.
He must have a sweetheart in every port be-
cause he hasn't one here.
ALFRED POPE
"Fatty"
General
Eads, Okla.
He found the sweetest little girl on earth.

CLARK MELENDEZ
Geology
"Paule"
Barranca, Col. S. A.
Engineers' Club. 2, 3; "49er's Dance
Comm. 4; Gold Pan Staff, 3, 4;
Porphyry Staff. 4.
He didn't do right by our Juanita.

THOMAS WOOTTON
"Tom"
General
Hazard, Ky.
Engineers' Club. 2, 3; Janitors' Union.
2, 3, 4; President Courses Mining Club.
4; Editor Porphyry Staff. '24-25, Asso-
ciate Editor. 2. Editor Gold Pan. '24-25.
Associate Editor. 3.
El Captain Rancho.

STANLEY WALKER
Mining
"Hazel"
Hutchinson, Minn.
Engineers' Club. 1, 2, 3; "M" Club. 2,
3, 4; Baseball. 2, 3; Tennis. 3; Class
Basketball. 3, 4; Baseball. 2, 3, Track. 2,
Tennis. 1, 2, 3; Porphyry Staff. 4.
The stinky Chuck.

FRANCIS DOYLE
"Cohen"
Mining
Milwaukwe, Wis.
Engineers' Club. 1, 2, 3; Janitors' Union.
2, 3, 4; Secretary-Treasurer. 2; Class
President. 1, 2; Football. 2, 4; Baseball.
3; Class Basketball. Baseball. Track. 2;
Vigilantes. 2.
Battling Levinski.

JOSEPH VAN DE WATER
General
Hays, Kans.
Engineers' Club. 3; Class Tennis. 3.
Why do bugs walk home.

FRANK ROBINSON
"Cohen"
Robby
Colorado, Texas
Engineers' Club. 1, 2, 3; Golf Champ.
1, 2, 3, 4.
Known all over the world and part of Texas.
CAIIP FURHMAN  Mining  "Batch"  Rochester, N.Y.
Engineers' Club 1, 2; "M" Club 1, 2; Basketball 1, 2; Assistant Basketball Manager; 3; Class Basketball 1, 2, 3; Baseball 1, 2, 3; Janitors' Union 1, 2; Student Council 3.
He keeps his energy in reserve.

PEDRO GOCO  Mining  "Pete"  Lusaka, T.z.  P. 1.
Engineers' Club 1, 2; Baseball 2; Class Baseball 2; Track 2.
Sweat Child, you're driving me nuts.

Engineers' Club 1, 2; Football 2; Basketball 1, 2; Class Basketball 1, 2; Baseball 1, 2.

WILLIAM STONECROFT  Mining  "Stoney"  San Diego, Calif.
He loves his ponies.

MERZ BLACK  Mining  "Mucky"  Utica, Kan.
Engineers' Club 1, 2; Janitors' Union 1, 2, 3; Class Secretary-Treasurer 3.
Kansa's gift to Geology.

RONALD ODQUIST  Mining  "Suave"  Hutchison, Minn.
Engineers' Club 1, 2; Baseball Manager 3; Vigilante 1, 2; Class Baseball 1, 2.
I cooked two times two kids in soil, and the professor kicked me out class. Yah?

MARTIN SPARE  General  "Spooey"  Socorro, N.M.
Engineers' Club 1, 2.
"Pst. Pst." and he wrapped up another package.

WILLIAM LEE  Special  Special  Send Roses
Microscopes and tennis balls.
Donald Tyler
"Toby"
General
Council Bluffs, Ia.
Engineers' Club, 1, 2; "M" Club, 2, 3; Football, 2, 3; Class Basketball, 1, 2, 3; Baseball, 1, 2, 3; Track, 1.
No, I won't go home.

William McLaughlin
"Beef"
Mining
Silver City, N. M.
Engineers' Club, 1, 2; Janitors' Union, 3; Class Secretary-Treasurer, 1; President, 2, 3; Gold Pan Staff, 2; Vigilantes, 2; Assistant Football Manager, 3; Class Basketball, 1, 2, 3; Baseball, 1, 2, 3.
Roll me one.

Truman Spannagle
Mining
Clinton, Mo.
Engineers' Club, 1, 2; Janitors' Union, 3; Student Council, 2, 3; A. A. Secretary-Treasurer, 2; Vice-President, 3; Social Common, 2, 3; St. Pat's Program, 2.
Young men, ain't you ever going home?

Robert Uptoke
"Ske"
Geology
Pasadena, Calif.
Engineers' Club, 1, 2; Class Basketball, 1, 2; Baseball, 2; The California prune picker.

Grant Augustine, Jr.
"Doc"
Mining
Council Bluffs, Ia.
Engineers' Club, 1, 2; Football, 3; "M" Club, 3; Class Baseball, 1, 2; Track, 1.
General Notice.

Coates Moffett
"Windy"
General
Hutchinson, Minn.
Engineers' Club, 1, 2; "M" Club, 1, 2, 3; Football, 1, 2, 3; Class Basketball, 1, 2; Baseball, 1, 2; Tennis, 1; Class Basketball, 1, 2, 3; Baseball, 1, 2; Track, 1, 2; Vigilantes, 2.
A decided athlete.

Arthur McMurray
"Moe"
Geology
South Pasadena, Calif.
Engineers' Club, 1, 2; Janitors' Union, 3; Student Council, 3; Class Basketball, 1, 2, 3; Baseball, 1, 2; Track, 1; Manager Track, 1; Gold Pan Staff, 2, 3; Porphyry Staff, 3; A. A. Social Common.
The fastest man in town.

William Hughes
Geology
"Bill"
Thermopolis, Wyo.
Class Basketball, 3.
The boy scout of the Rio Grande.
THE PORPHYRY

1929

JULIUS E. CURTIS
Mining
"Julio"
Winona, Minn.
Class Secretary, 2; Porphyry Staff, 3.
The big butter and egg men from Minnesota.

PHILIP MUCKETT
"Missouri"
Geology
Class Basketball, 3.
Leaping Lena.
FRANK END
Mining
"Funk"
Pacific Beach, Wash.
Class Baseball, 1; St. Pat's Dance Comm., 1; Yell Leader, 2.
Half pint? I should say no—full gallon.

WILLIAM CRABTREE
Mining
"Bill"
Socorro, N. M.
Class Basketball, 1, 2; Track, 1; Tennis, 1.
Shy, Shifty.

ROBERT BALDWIN
Geology
"Bob"
Socorro, N. M.
Class Basketball, 1, 2; Baseball, 1; Track, 1; Tennis.
A perfect gentleman.

OWEN TERRY
Mining
"Largo"
Socorro, N. M.
Class Track, 1.
Get away from them swinging doors little girl.

JAIME SILVA
Geology
Grants, N. M.
Class Basketball, 1.
Wait a "minit." Wait a "minit."

WILLIAM ASHTON
Geology
"Wild Bill"
Plymouth, Pa.
Quicksand and Horses.

VERNON HomME
Mining
"Playful"
Milwaukee, Wis.
Football, 2; "M" Club, 2; Class Baseball, 1; Track, 1.
No, I'm not sick, I'm married.

JAMES GREESON
Chemistry
"Coach"
Olney, Ill.
Class Track, 1.
The mechanical genius.

FRED FISHER
Mining
"Snoozums"
West New York, N. J.
Motorcycle Mike.

DEAN ALBEE
Mining
"Wise"
Eureka, Mont.
The terror of the punks.

JAMES WYNES
Mining
"Worms"
Niagara Falls, N. Y.
Class Basketball, 1.
Call you and raise you five.

ANDREW PANTESS
Mining
"Pants"
Class Secretary, Treasurer, Basketball, 1; Track, 1.
My tongue is coated. My breath comes in short pants.

VICTOR NICOLAISIN
Geology
"Hackamore"
Gold Pan Staff, 2.
Tillie the Tailor.

FRANK WILLEY
Mining
Schenectady, N. Y.
Basketball, 1, 2; "M" Club, 1, 2; Class Basketball, 1, 2; Baseball, 1; Track, 1; Janitors Union, 1, 2.
I attribute my success to other people's Lucky Strikes.
John Ries
Mining
"Joe"
Milwaukee, Wis.
Football: 2; A.M. Club: 1, 2; Baseball: 1; Class Baseball: 1, 2; Student Council: 2; Junior's Union: 2.
He never came in so late that he missed breakfast.

Harry Johnson
Mining
"Harry"
Moline, Ill.
A. A. Social Comm.: 1; St. Patrick's Dance Comm.: 1; Class Vice-President: 2; Hit me here.

Gordon Wells
General
“Thorpy”
Socorro, N. M.
Football: 2; “M” Club: 1, 2; Class Basketball: 1.
Tall, dark and handsome.

George McTavish
Mining
"Gore"
Buffalo, N. Y.
Class Basketball: 1, 2; Baseball: 1, 2.
And I'll throw your books on the floor.

Olaf Gibson
Mining
"Hoot"
Harlan, Ky.
Baseball: 1; "M" Club: 1; Class Baseball: 1.
Lose — The smartest little girl in the world.

Rickard Keith
General
"Dirt"
Engineers' Club: 1, 2; The Lady Killer.

Patrick Ryan
Mining
"Bud"
Socorro, N. M.
Class Basketball: 2; The Gambler.

Allan McDonald
Mining
"Mac"
Omaha, Neb.
Engineers' Club: 1; "M" Club: 1, 2; Football: 2; Basketball: 2; Baseball: 1; Class Basketball: 1, 2; Baseball: 1; Track: 1; Student Council: 2; Vigilantes: 2; Secretary-Treasurer A. A.: 1, 2; Class President: 1, 2; Janitors' Union: 2.
Grab 'em young and learn 'em.

Frank Brown
General
"Resurr" Engineers' Club: 1; "M" Club: 1, 2; Football: 1, 2; Class Basketball: 1, 2; Baseball: 1, Track: 1; Student Council: 1, 2; Vigilantes: 2, 2; Hell on bashers.

1929
Freshmen
THE PORPHYRY

KENNETH WOOLFORD
"Buddy"
Geology
Fremont, Neb.
Shake well before using.

HUGH KIDDIE
"Moco"
Minning
Red Oak, 1a.
Football 1: "M" Club 1.
Two feet about one yard here.

LINDSEY WILSON
"Vitee"
Minning
Santa Fe, N. M.
Girl shy.

RICHARD VALENTINE
"Val" Mining
Binghamton, N. Y.
Hollywood 1st.

FRED STONE
"Stormy"
General
Council Bluffs, Ia.
Football 1: "M" Club 1; Class Basket-
ball 1.
My four down go home!

WILLIAM HILL
"Bill"
Geology
Albion, 1a.
Class Basketball 1; Class Vice-President
1.
Little curly locks.

CHARLES HENDRICKS
"High Pockets"
Minning
Montana, Wash.
Football 1: "M" Club 1; Class Basket-
ball 1; Class President 1.
Dear to many a heart.

1929

WILLIAM BUSCH
"Anheuser"
Minning
Buffalo, N. Y.
But I didn't do it. Judge.

EVERETT SINNEY
"Bus"
Geology
Tacoma, N. M.
You ought to have seen the one that got
away.

FAYE COMEAU
"Come" Metallurgy
Shibhry, Ind.
Class Basketball 1.
He takes everything with a grain of salt.

JESSE NELSON
"Stukey" Mining
West Point, N. Y.
Class Basketball 1.
From West Point to points west.

RAYMOND RICHEY
"Monk" General
Clayton, N. M.
Not stream lined but a little racy.

To \( \text{Harold] Walter.} \)
"Kiss me on every
one today. Are you? If.

\( \text{C.R. Hendricks.} \)

In memory of a

\( \text{J. L. Shilts.} \)
WALTER MEIER
"Wally"
Mining
Milwaukee, Wis.
He must be an athlete, at least he is taking Mediterraneans place.

HARRY KURTZ
"Squint"
Mining
Dayton, Ohio
He's had a hard time stopping a ground pig in a blind alley.

BERT SOMMERDORF
"Bear"
Chemistry
Brownston, N. C.
Class Basketball 1.
Georgia's pinch hitter.

JOHN A. TOLEN
"Tucker"
Geology
Shilohville, Ind.
Student Council 1.
He's still looking for the Ten House maids.

TOMAS MOORE, JR.
"Tom"
Mining
Satilla, Ga.
Class Basketball 1.
The dancing master.

CHARLES GARRITT, JR.
"Cabooses"
Metallurgy
Boll Carbo, Colo.
Class Basketball 1.
He learned to play a phonograph in these lessons.

ANTHONY ZABOROWSKI
"Snipe"
Mining
Milwaukee, Wis.
Class Secretary, 1.
The bull moose bartender.

EARL MILLER
"Andy"
Chemistry
Clayton, N. M.
Put! Put! Put! Put!

HOWARD DOYLE
"Pat"
Mining
Milwaukee, Wis.
Football 1; "M" Club 1; Class Basketball 1; Class Trench 1.
Vest pocket edition of Curious.

DURRILL GREGORY
"Jack"
Mining
Toronto, Va.
Straight American.

CARL DE LANY
"Dusty"
Geology
Wichita Falls, Tex.
Vaccinated but didn't take—much.

MELVIN RICHIEY
"Mel"
General
Clayton, N. M.
Clayton's gift to Socorro's women.

VINCENT RYAN
"Sherry"
Mining
Buffalo, N. Y.
Football 2; Basketball 2; "M" Club 2; Class Basketball 2.
The mayor's best friend.
COLLIS E. DULLEY
"Tiny"
Mining
Prescott, Wln.
Football 1.
The heaviest date in town for any girl.
The Athletic Association

The Athletic Association with its authority vested in the Student Council supervises to a limited extent student affairs, such as athletics, social events, and other activities sponsored by the students. The officers consist of a president, vice-president, and a secretary-treasurer elected by a majority vote at the last yearly assembly of the student body. The officers of the Athletic Association are the same as for the Student Council. Up to the spring of 1928 the Athletic Association had direct control over all school athletics, handled all the A. A. funds, and awarded the coveted school "M." During that spring, through an unfortunate series of events, it was deprived of most of its powers by faculty action. The faculty appointed a committee, consisting of the coach, another faculty member, and the president of the Student Council, to directly supervise athletics. The Association, however, still retains complete control of the student publications, the Gold Pan and the Porphyry, and the other student affairs.

The Athletic Association through the Student Council selects the editors of the Gold Pan and the Porphyry and gives to the appointed men the privilege of appointing their own staffs. The Student Council has been fortunate in choosing able men for these posts—it has never been necessary for it to exercise its powers beyond that of appointment.

In the control of social activities the Athletic Association functions through a committee of three. This committee has supervision over all student social affairs on the campus. It arranges all the dances and smokers and sees that the St. Pat's festivities are conducted in the prescribed manner.

It is not unreasonable to expect that within a year or two the Athletic Association will regain its lost power and function as of old.
Student Council

Boucher, Fehsen, McMurray, Spannagel, Ward, Tolen, McDonald, Olsen, Hilyer

F. G. BOUCHER - - - - - - President
T. G. SPANNAGEL - - - - - - Vice-President
ALLAN MCDONALD - - - - - - Secretary-Treasurer

F. G. BOUCHER
S. G. HILLYER

SENIOR MEMBERS
HAROLD OLSEN
CHARLES WARD

CARL FUEHRMAN
A. B. McMURRAY
T. G. SPANNAGEL

JUNIOR MEMBERS
SOPHOMORE MEMBERS
ALLAN MCDONALD
J. A. RIES

FRESHMAN MEMBER
JOHN TOLEN

ATHLETIC ASSOCIATION SOCIAL COMMITTEE
JAMES FORD
HARRY JOHNSON
T. G. SPANNAGEL

1929

Cooney Mining Club

FRANK STEVENS, Secretary
TOM WOOTEN, President

The Cooney Mining Club is the one professional student organization. The Club was named in honor of Captain Cooney, a territorial legislator and mining man who was killed on a prospecting trip in the Mogollon mountains.

Since the organization of the Club in 1919, it has sponsored various activities for the furtherance of the practical side of the mining game. As a result of its activity many men actively engaged in the profession have spoken to us and given us pointers on the different practical problems to be met or different views on other than the technical phases of Mining and Metallurgical practice. Recently we have seen a series of motion pictures of oil production in scattered countries. They were sponsored by this Club.

The Club is affiliated with the American Institute of Mining and Metallurgical Engineers. This gives all Club members who are working for a degree the privilege of becoming Junior Associate Members of the Institute.
The "M" Club

Of the many school organizations that are working to put the school where it rightly belongs in the technical division none works harder and more loyally than our "M" Club. Began in 1924, the banner year for student activity and improvements, it has grown in members and influence. It has been the vitalizing influence back of our inter-collegiate athletics and in addition has developed an all-around inter-class and inter-sectional rivalry that has paved the way for a wholesome enlargement of the school's sports. The members are all students who have earned the school "M" in some form of varsity competition. Its officers are elected yearly and regular and special meetings are held throughout the year.

"M" Club Members

A. B. Dooley, baseball, '27.
W. E. Henning, basketball manager, '29.
D. Schaffner, football, '27, '28.
L. E. Steele, tennis, '27, '28.
P. Goco, baseball, '28.
D. Tyler, football, '27, '28.
O. Gibson, baseball, '28.
V. Homme, football, '28.
A. McDonald, football, '28; basketball, '29.
G. Wells, football, '28.
C. Druley, football, '28.
V. Ryan, football, '28; basketball, '29.
F. Stone, football, '28.

HONORARY MEMBERS
A. R. Ferguson
J. B. Johnson
A. S. Walter

1929
The Janitors' Union

This organization, started in 1925, has had since its beginning a representative membership from the various classes. It has developed a strong esprit de corps which is unique in a group of this kind. It has a constitution requiring that a student must hold a scholarship job to be eligible. At its formation the sole object was to form an organization which would sponsor a dance sometime in the long dull season between St. Pat's and the Commencement Dance. The dances in the past have been very enjoyable; a person felt rather at ease in atmosphere created by decorations of shovels, brooms, dish rags, garbage cans, and other implements of labor.

The outlook for this annual celebration which has come to be known as the Janitor's Ball is a little doubtful this year because of the other planned benefit dances to be held this spring. However, we hope something will be done as in the past.

Vigilantes Committee

Probably the oldest and undoubtedly the most enjoyable tradition of the New Mexico School of Mines is the hazing of the Freshmen. This task is the work of the Sophomore Class, who in turn elect the Vigilantes Committee to do the major part of it.

In order that the Sophomores and Upper Classmen are convinced that the Freshmen are worthy of the honor of calling this school their Alma Mater, there are certain imitations which they must undergo upon entering this institution. A set of laws and regulations which must be observed by all Freshmen are composed and enforced. Any "Punk" as the Freshmen are affectionately called, breaking these rules is liable to any punishment which the Vigilantes care to impose.

The Vigilantes hold Kangaroo Court, at which time each and every Freshman is brought to trial for some crime which he is accused of having committed. He is usually or in fact always found guilty and must undergo some sentence. The Vigilantes show no partiality at this time and the Freshmen all have their locks shorn in very artistic fashions. The whole affair is very humorous and entertaining to the Sophomores and Upper Classmen but rather uncomfortable for the victims. However, after it is all over even the "Punks" see the funny side of it.

The Vigilantes Committee is about the most unpopular set of fellows, with the Freshmen on the campus during the initiation but the Freshmen soon forget dislikes and find great pleasure in planning the punishment for next year's unfortunate.
Publications
In preparing the 1929 Porphyry, an attempt has been made to create an annual that is original and entertaining. It is not a literary masterpiece. No attempt has been made to make it such. However, we have done the best we are capable of with the available funds. Our hardest job was the financing of this book. However, if this little book furnishes you amusement or entertainment now or in future years we will feel that we have fulfilled our mission. We wish to extend our sincere thanks to Mrs. Reed, Miss Herkenhoff and President Wells for their cooperation in the preparation of this volume of the Porphyry.
The Gold Pan

Extra! Extra! The Gold Pan is out. Naturally the question arises, who let it out and why? In order to make all things clear, let it be known to one and all that the Gold Pan is the official student publication. At the beginning of each month there arises a scurry and flurry, after which the student again peruses the paper of his Alma Mater. Once again does he scan its pages for sly digs or wisecracks regarding himself. If he finds none, he devotes his attention to the steering account of the last game, or the big dance which is a thing of the past. He may even go so far as to read the technical articles which appear for his intellectual enrichment. The Gold Pan, like the proverbial Christmas stocking, contains something of interest for every reader, be he student or just a college man.

The Gold Pan was launched in the spring of 1917 under the guiding hand of Professor Fayette A. Jones, at that time President of the New Mexico School of Mines. After receiving some experience, students were placed at the helm. Today, due to the steady progress in efficiency and harmony, the Gold Pan is a credit to the school which it serves. The Editor-in-Chief is appointed by the Student Council, who are restricted to the seniors for their choice. The Editor has complete freedom in his choice of those who are to aid him in furthering the work of his predecessors.

The purpose of the Gold Pan is not to act as a carrier of news. Considering the fact that it makes its appearance but once a month, its contents can hardly be labeled as news by the most optimistic. It serves an entirely different purpose and one more suitable to a monthly publication. By reviewing forgotten happenings, details of campus news and athletics, it fosters a spirit of good fellowship and loyalty. The Gold Pan serves to keep interest in sports and other school activities at its highest point. It is also invaluable as a chronicle of all that has happened during the student’s career. Long after memories have become dim the copies of the Gold Pan will serve as a stimulant to sweep away the cobwebs and bring forth a multitude of pleasant recollections. By referring to the files of past Gold Pans, the graduate can again live through his four years of college life. The Gold Pan has always played a leading role in school life and will assume an even more important role in the future.

Gold Pan Staff

Left to right—McMurray, Melendez, Ford, Henning, Meier.

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Cesar Melendez
St. Pat's.

Was St. Pat's a success? Yea, Bo, and How. According to all reports available of any kind whatsoever, the thing went over with a bang. The fame of St. Pat seems to have spread for miles around because the town's hotels were filled to capacity with out-of-town people who came to witness the exhibition put on by our brilliant freshmen! and to enjoy the bunton derby which customarily follows at night, the same sometimes being laughingly referred to as a dance. Old-timers around these parts will swear on a stack of Bibles seventeen miles high that the array of feminine charm and pulchritude imported for this historic event has never been exceeded at any time, which with the dazzling front presented by the local sub debs, made a spectacle which would make one Ziegfeld sit up and take notice. And as we said before the town was full. Confidentially we understand that thirteen fellows had to borrow pup tents in which to house their lady friends, and one got an option on the coal bin at the Val Verdes. Twenty-seven dogs were killed at a traffic jam at the place where Mananares Avenue widens out into what is called the Plaza.

On the night before St. Pat's, at ten o'clock the Frosh were presented with the Blarney Stone and were then promptly relieved of it at eleven by some very rude and unmannery Sophs. Despite the fact that the air forces and navy were with the Frosh, the Sophs got the stone and then to everybody's disgust they lost it themselves and no one knew where it was for some time, finally some gumboat tripped over it. The only casualty was a slightly darkened orb on a gent from Silver City, otherwise all slugging was done according to rules. In the afternoon the Frosh were put through their paces by Head Keeper Spannagel, most of them giving an exhibition which showed only too plainly why all the nut houses are filled to overflowing. After this was over and the Frosh had received their walloping according to due process of law, the audience arose and fervently sang, God Save the Engineers. The dance was good. The gym was decorated in the traditional Yiddish national colors of green and white and palpitating rhythm was pushed into the ozone by the Arizona Whangdoodles or some such organization of musical maniacs. Anyhow, who cares about that, because one grand and glorious time was had by all present, even those who didn't care for dancing got their fill of fun. Here's for bigger and better St. Pats and to more and merrier followers of that venerable old Saint. The more the merrier, so on with the dance!

“M” Day

At daybreak on Saturday, February ninth, the ground was covered with snow. "M" day was proclaimed by the Student Council.

The punks made a foraging expedition in town and returned with several brooms in various stages of disintegration. Lime was sacked in twenty-pound portions by the punks, while lunches were sacked in one-pound portions by the "minions of the sink." After much bustle and hurry the lime, lunches, brooms and other implements were loaded into the school bus and then the day began.

There is nothing that so vividly brings to mind that poem Excelsior as the climb up Socorro Mountain. Many were the stops for rest for the weary. The wind blew a wintry gale while the plodding caravan slowly advanced. The ascent was marked with only one calamity. Kelly, Ries, Ryan and Greeson bringing up the rear, were attacked by a band of Ethiopian cullfins. It was reported that the battle lasted for three hours. Many were the deeds of heroism performed by the four adventurers but at last they were overpowered. Kelly asserts that he saw twelve Ethiopian giants galloping away with the packs of the four intrepid mountain climbers. Although the mishap was duly reported to the authorities, nothing has been seen of the black bandits.

When the top was reached by the first of the party, a fire was built. Lunch was served around the fire when the last of the stragglers arrived. There was some complaint because of the absence of adequate tea service, but on the whole a hearty spirit was enjoyed by all, even "Ike" and "Skank."

After lunch the Punks started gathering snow. Two fires were built and tubs of snow were started melting. The Sophs were on the job as superintendents. The Punks admit that the Sophs were all in good form even if they (the upper classmen) were horizontal. When the snow was melted and the "M" properly dusted off with chamois dusters, the real work began in earnest. It was then that the artistic temperament of the Freshmen came to the surface. The color scheme was white upon a dark background which is symbolic of the school's position in Socorro. Whitewash ran in little streams over rocks and boulders. It splattered on faces and wearing apparel. Thus the "M" was painted.

The return journey was made in record time although several of the mountain climbers assert that too much speed is apt to ruin the seat of a more or less good pair of pants. At the close of the eventful day the hearts of the Freshmen were beating proudly and boastfully, and many were the thanks given to the powers that be by the Sophomores. The "M" gave ample evidence of being painted—in fact, it still does.
Hunting

Hunting season opened last September with a big slaughter. Jimmie Wynes went out and shot a jack rabbit. This jack's spirit must have sounded a warning, because after that eventful day other misfits reported that not a rabbit could be found within many miles of Socorro.

The next big massacre was near Magdalena, with the bear for victims. Early one October morning four intrepid hunters, Walker, Ward, Wynes, and Steele started out for the San Mateo Mountains. They had plenty of artillery and more ammunition, with a few knives and groceries thrown in. Four days later they victoriously returned—empty handed. Walker said it was a good thing that no bears were sighted, as his boots were too heavy and he could not run very fast. But squirrels were good eating and tin cans were good targets, so the trip was not in vain.

On that same October morning another bunch of gun-toters left town on the same errand. Among these were Dooley, Wootton, Stone, Terry and Haxox. Before starting out Dooley decided he needed practice, so he tracked a few grizzlies in a certain cane bed. After these brave hunters reached their destination it was discovered that all had forgotten rifles, so they journeyed homeward, making up some colorful yarns on the way.

Deer and turkey season, from November 10th to 20th, is by far the most popular, possibly because the fellows are given four days' vacation from school. Those that did not go deer hunting went dear hunting in the wilds of the city of Socorro. The latter had more luck than the gun-men, although they could not save the heads and skin.

Ford, Van De Water, Moffett and Schaffner, with one of Limitar's influential citizens, headed for Luna, near the Arizona border. After two days of strenuous walking Moffett and Schaffner decided deer hunting was more profitable. The rest of the party stuck to their guns for a few more days before they started home. Ford admitted that he got a deer but he would not produce the evidence.

Wynes was not to be outdone, so he corralled his army composed of Pantess, Alber, Wolford, Niclasen, and trekked to the San Mateo Mountains. On their way there they had more than ten blowouts and punctures which got them in the right frame of mind for killing. When they had hunted three hours without seeing any game, each one proceeded to help Mr. Erosion in his work. One of the stray shots killed a coyote. Pantess would like to know how to pronounce the animal's name so he can tell the folks about it.

One party was so confident that they would be out only a short while that five of them went out in a roadster. Hendricks drove. Garrett and Sinney were next to him. With Snipe and Brownie on the fenders Snipe was the only one, well armed. He carried a .32 automatic. The first day out Snipe and

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Brownie saw more bucks and hit more trees than any other hunters in New Mexico. They ended up by getting lost. The rescue party found them at midnight arguing about the directions. Garrett was lucky getting a good shot and downed a five point buck. The following day he brought it back to school and treated the fellows to a venison supper.

Walker, Ward, Hardman and Steele left a couple of days early for the southern part of the San Mateos. They had lots of luck seeing does, fawns and a few turkeys. Steve was wandering around one afternoon and shot a turkey with a high powered rifle, but he could not find the pieces. Ward and Steele had more luck, as they used shotguns, and got three. This was the gang's only reward, except for plenty of exercise.

Crabtree, Wells and Tyler went to Red Canyon in the San Mateos. For four days they tramped the mountains, but none could get a shot. The boys reported that the does and fawns kept getting in their way and the squirrels threw nuts at them.

Goncalves and Greason tried their luck close at home, at Water Canyon. Julio got on the trail of a buck and was concentrating so hard that he stumbled over the deer's horns. Julio shot and wounded the buck, but the buck left for parts unknown. After a few hours of searching the buck was found dead from the loss of blood.

Ducks were scarcer this year than they have been for a long time. The farmers farther north did not realize the importance of water for ducks and used it all for irrigation. Enough water was left in the San Acacia lakes for a few flocks of ducks and geese. It required a lot of patience to get one of these geese.

Jim Ford was one of the most persistent. Even going so far as to fall in the water once or twice. He got his goose and more than one bunch of ducks. Moffett usually accompanied Jim, his main pleasure was to shoot often and hear the noise. That was probably how he downed his goose. Gordon Wells got several. Walker, Ward and Hardman went out several times and usually came back disappointed, for some reason or other Walker's theories didn't work. There were many other fowl hunters, but these did not make a regular practice of it. Most of them went out just to have an excuse to ditch classes.

The professors also furnished some mighty hunters. Ferguson, Walters and McCarthy were the regulars, occasionally leading Weir and Reese astray. If any of them got any geese they did not brag very loud, although a rumor was spread that they killed a few ducks.

Last but not least was Mr. Zaborowski's snipe hunt. A few of the playful night hawks showed him this most thrilling after-dark amusement. As Snipe came through the gate the next morning, he remarked that snipe hunting surely gave a man an appetite.
Our Coach has worked mighty hard for our teams in the two years he has guided their destinies. We appreciate his efforts even though we do not always show it. In addition to his arduous coaching duties he has the still more arduous duties of guiding our literary efforts in his English classes.

Mr. Johnson came to us with a varied teaching and coaching experience, gained in positions held in Missouri, Kentucky and New Hampshire. He is a graduate of the Missouri State Teachers' College. While there he took a very active part in athletics. In addition to his degree he holds a coaching certificate from the University of Wisconsin.

His business ability has pulled the Athletic Association out of debt. His untiring enthusiasm and hard work has aroused a new interest in the School of Miners' athletics, here at the school, in the town and throughout the Southwest.

No matter what the sport may be, he is always the hardest worker of the squad.
Cheer Leaders

“Punk” Eno
“Socks” Stockings

These are the boys who put the pep in the cheering section at all the games. Keeping the crowd shouting at the full capacity of their lungs, even during defeat, is no easy job but “Punk” and “Socks” did their stuff and they did it well. They always managed to keep the crowd in good humor by their foolish antics. They are undoubtedly the best Cheer Leaders we have ever had. More power to them and may their throats never get rusty.

Football
Football

About twenty-five men turned out for the first practice but before the end of the season nearly forty suited had been issued. Among the original twenty-five were such veterans as Almy, Hon. George, Baldwin, Moffett, Brown, and Doyle, and our captains Schaffner and Hecox. This year Coach Johnson reaped some of the fruits of his labors of the last year in that many of this year’s first stringers were recruited from the ranks of last year’s scrubs. The freshman class contributed some good men and some of the “green” material made the team, more will be in the starting line-ups next year.

Day after day, for three weeks, these men turned out to work and learn. Coach Johnson coached, sweated, and swore. At the end of this time the squad looked pretty good. We were not so badly handicapped by lack of weight as the squads of the past two years had been. “Tiny” Draley, weighing somewhat over two hundred pounds, aided materially in overcoming this handicap.

The first game of the season, Mines vs. the University of New Mexico, was played at the end of this three weeks of training. The number of candidates for the team dropped after this game, some were disabled for the season and some decided the game was too rough for them. Most of them, however, came back and these, together with some new men, kept practice in the “Gravel Pit” the same as usual. At the end of a few more weeks the squad was in better shape than ever and the score of the next game, Mines vs. New Mexico Military Institute (Southwestern Champs), was quite a different story from that of the first game. Although we lost the game, we played against a stronger team and the score was not so one sided. Capt. Schaffner, playing at center, was disabled for the season in this game.

After more practice, development, and continual improvement, the squad won its first victory. This victory was won from the Teachers’ College. It was a good game and most of the men who made the trip got a chance to play. The battle was fought in our opponent’s territory practically the whole game. The final score showed what we could do against a school more nearly the size of ours. There were no casualties this time.

More hard work and practice for the squad and then the game with the Aggies. The Aggie game was harder fought than the score indicated. Three times the ball was carried across the Aggie goal only to be called back two of the times by the referee.

More practice and then the game with the Montezuma College “Preachers.” The outcome of this game was doubtful until along in the fourth quarter but we won, making nearly ten first downs for each one made by our opponents.

Several of the “first stringers” are seniors and will be missed next year. However, the squad as a whole was made up of good material and men will be found to take their places.

Considering the size of our school and the fact that no special inducements are made to athletes, the season was not such a bad one. Watch us in years to come!
CAPT.-ELECT MOFFETT, number 9, weight 158, left halfback. Our captain for next season. He is one of the best halfbacks in the state, and received honorable mention in Spalding of 1927. He was placed on the second All-State team. He is one of the best punters in the southwest.

AUGUSTINE, number 4, weight 142, quarterback. On defense "Doc" was always on his toes ready for anything that came his way. On offense a hard man to stop and a good ground gainer.

HENDRICKS, number 18, weight 162, center. Although a Freshman he played his position like a veteran. Three men were injured for the season while playing this position before he was given a chance, but even with a late start he developed into a mighty center.

F. DOYLE, number 16, weight 150, left guard. A harder fighting man than Doyle would be hard to find. Always in the play and fighting like a Trojan. His loss, due to graduation, will be felt.

HOMMEL, number 12, weight 170, right guard. "Our old reliable"—he played every minute of every game until he was injured. He played a hard, steady game and when he tackled a man, that man knew he was tackled.

GEORGE, number 17, weight 140, left tackle. Frank George was one of the most valuable players on the team. Playing his position like an All-American, he was ready for everything that came his way. Graduating this year, his position will be hard one to fill, such as he played it.

HON, number 13, weight 170, right tackle. Hon’s number, 13, was by no means an unlucky one for him. Hon played nearly every minute of every game of the three years he has been on the team. He graduates this year.

ALMY, number 20, weight 172, left end. Named by the Tribune on the second All-State team. One of the best ends in the southwest. Almy would snag a pass from above his head and was then always good for a good long gain.

BALDWIN, number 3, weight 148, right end. He made the first touchdown of the season and many were the passes he completed. He graduates this year and it will be hard to replace him.

RIES, number 10, weight 163, right halfback. A consistent ground gainer. He was always good for five or ten yards through the line, passed well and accurately and received just as well. He received honorable mention in Spalding of 1927.

TYLER, number 11, weight 155, fullback. Tyler was one of the best line plungers and yard getters on the squad, picking his holes and going through like a bullet for gain after gain.

COACH JOHNSON. The hardest worker on the squad. Our coach did everything he could for the team. He even quit smoking to set a good example for the squad.
CAPTAIN SCHAFFNER, number 2, weight 168, center. Dan was one of the captains this season. He fought like a lion in every game and will surely be missed next year. He received honorable mention in Spalding of 1927.

CAPTAIN HEACOX, number 2, weight 150, left end. Our other captain for the season. "Hicky" was a good man at the wing position. He, too, is graduating this year and will be missed next season.

H. DOYLE, number 7, weight 128, quarterback. His first year on the team but still with three years ahead of him. Young Doyle promises to develop into a star quarter. Pretty small but mighty fast.

STONE, number 8, weight 160, left guard. Just as hard a player as his name indicates. Stoney was a battling little guard.

BROWN, number 21, weight 145, right halfback. "Brownie" played a bang-up defensive game, and rarely failed to gain when called upon to carry the ball.

KELLY, number 19, weight 175, right guard. He played on the scrubs last season but this year he was a first stringer, and a good one, too. Next season will probably see him a star.

WELLS, number 14, weight 155, fullback. For a man of such little experience Wells was a consistent gainer. Carrying the ball like a veteran he was a very valuable player in the back field.

MCDONALD, number 5, weight 155, right end. The team is fortunate in not losing "Mac" by graduation, for he will fill the wing position as an old timer. A steady player and dependable.

KIDDER, number 15, weight 175, center. Though only a Freshman Kidder came here with quite a reputation, being an All-State High School center from Iowa. The team was unfortunate in losing him early in the season through an injury.

DRALEY, number 38, weight 218, fullback and tackle. "Tiny" was our double threat man. When he played tackle our opponents never came through his side of the line, and was very hard to stop when he carried the ball.

CLEMENT, number 6, weight 172, center. He had the makings of a crack center but was injured in the second game of the season.

RYAN, number 1, weight 190, right tackle. Entering school after the season had begun, Ryan easily won a place on the team. In every play Ryan always handled more than his share.

MANAGER STEVENS. Always with lots of work to do and always doing it. He was popular with every member of the squad.
Mines vs. University of New Mexico

The opening game of the season was played in Albuquerque against the University of New Mexico on the 25th day of September. The day was rather too warm for football. This was the toughest game of the season, a heart-breaker to watch, and a bone smasher to play in.

The "U" used a delayed line buck almost entirely, with five men running interference. It was this interference that broke down the Miners' sturdy defense. Kiddie, our crack center, was K. O'd. during the first half and was out for the rest of the season. Brown, hard-hitting little "back," was on crutches for two weeks after the game. Probst, quarterback, was injured and all were sore of body and spirit when the final shot was fired.

Coach Johnson had to use every man on his squad to keep the "eleven" on the field.

The game ended 45-0 in favor of the University. The fact that the "U" made three of their touchdowns during the last quarter is significant of the battered condition of the Miners.

Mines vs. New Mexico Military Institute

This, the second game of the season, was played at Socorro on October 4. The team showed the improvement gained by a few more weeks of coaching and practice, and the game was a much harder fought one than the final score of 13-0 in favor of the Cadets would indicate. The day was crisp and clear, but with a stiff wind blowing which seriously interfered with Moffett’s punting.

Most of the Institute’s gains were made on spectacular end runs by McCombs and Foley. George and Almy played a "bang up" game in the line for the Miners, and Moffett and Ries made some nice gains through the Cadets’ line. Captain Schaffner, center, was injured during the third quarter and was through for the rest of the season.

Two centers “shot” in the first game. Coach Johnson now had to develop a new center, which he did, and Hendricks played the position well for the rest of the season.

Mines vs. Silver City Teachers

The game was played at Silver City on a warm day and against a school more nearly our size.

The entire game was played in the Teachers’ territory and never once was our goal line threatened. Moffett did some nice punting during the game and made some good gains through the line. Wells consistently went through the Teachers’ line for gains, and the passes from Moffett to Almy and Baldwin were beautiful to see. During the third quarter Baldwin received a pass and carried it over the line for the first touchdown of the season. The fourth quarter our crack end, Almy, received a pass and carried the ball over the line for the second touchdown. Twice again the Miners were within easy striking distance of the Teachers’ goal line but failed to score. The game ended with a score of 13-0 in our favor.
**Mines vs. Aggies**

The game was played at the A. and M. State College at Mesilla Park. This was another one of those games the Miners played against big odds, and the final score was 38-6 in favor of the Farmers. The Miners showed some brilliant flashes of playing and there were plenty of spectacular plays during the game.

In the first quarter Ries and Moffett, alternating, carried the ball down the field 38 yards for the Miners—and then a penalty halted the march.

Then in the early part of the second quarter, in an exchange of punts with the Aggies. Moffett placed the ball on the Aggies' 28 yard line. A line back and a 15 yard pass to McDonald put the ball on the Aggies' 10 yard line. Two more line backs and the ball was on the Aggies' 5 yard line. And now comes the sad part of our story, we failed to score. Twice during this quarter an Aggie 'back' ran 30 yards for touchdowns. In the latter part of the quarter our little quarterback, Howard Doyle, carried the ball for a 13 yard gain and immediately afterward completed two consecutive passes for a gain of 26 yards. It was during this quarter that Homme, our old standby at right guard, was injured so that he was through for the season.

In the opening of the third quarter Almy recovered a fumble and raced down the field 60 yards and over the Aggies' goal line, but his run was in vain for the referee called the ball back and imposed a 15 yard penalty on the Miners. Moffett ran a punt back for 30 yards during the latter part of the quarter. Then in the fourth quarter Frank George recovered an Aggie fumble on their 35 yard line and went down the field for our touchdown.

**Mines vs. Montezuma**

This, the last game of the season, was our game and was much more deservedly so than the final score of 9-7 indicates.

The spectacular features of the game were: Tyler cracking the line on Montezuma's 41 yard line and carrying the ball down to their 5 yard line; Moffett's drop kick for 3 points; Montezuma recovering the ball on a kick off behind the goal line and running the entire length of the field for a touchdown; Moffett running a punt back 30 yards; Almy receiving a pass and running over Montezuma's goal line for a touchdown; Almy again receiving a pass and going over the goal line, only to be called back on an offside penalty.

Moffett and Tyler consistently cracked the line for gains, and Ries and Moffett passing and Almy and Ries completing passes netted us many yards in gains.

It is interesting to note that Montezuma made two first downs in the entire game while the Miners made 14 first downs.
Basketball
Basketball 1928-1929

Soon after the ending of the football season, Coach Johnson issued a call for basketball candidates. Twenty men, including the following letter men of the previous years, Heacox, Almy, Fuhrman, Ford, Kelly, Baldwin and Moffett, came out for the first practice. It seems quite evident that if these men were faithful in coming out for each practice the Mines quintet would prove themselves to be quite formidable. A number of these men, particularly those who were new to the squad, however, soon lost their enthusiasm and quit. Out of the twenty men twelve were faithful in attending most of the practices until the end of the season.

Early in the season much enthusiasm was displayed among students and prospective players. Captain Heacox and several other letter men had a secret meeting, primarily for the purpose of promising to each other to strictly conform to training rules. Some of the players soon began to weaken while others remained faithful to their promise until the end of the season.

A certain student, who did not wish his name to be made known, offered a silver shield as an award to the most valuable man on the team. The award was given on the basis of the following points: The ability to play his position and to work with the rest of the team; attitude on and off the court toward the game and all those connected with it; absolute observance of all training rules.

Coach Johnson had about three weeks’ time to whip the team into shape for the first game. He started a system of coaching in which, at first, the fundamentals and rudiments of the game were given. As the days went on the practices became more strenuous and gradually worked up to a point where the scrimmage was equal to that of a regular game.

The season, consisting of thirteen collegiate games, can hardly be considered a very successful one in that the Miners were able to claim only two victories. It, however, is gratifying to say, and without boasting, that Captain Heacox and his aggregation entered into the spirit of the game with courage and tenacity in a sportsman-like manner, never lacking in interest but always fighting until the final sound of the whistle.

Although the Mines has not a long list of victories of which to boast, the 1929 varsity displayed a remarkable showing against the strong opposition which it constantly faced. In a few games the Miners lost only by a margin of one or two points.
CAPTAIN HEACOX, guard. weight 150 pounds. Hicky played his fourth year with the squad and played better than ever before. It's going to be hard to find someone who can play the brand of basketball he has the last four years.

ALMY, forward. weight 170 pounds. Our big, long forward was awarded the silver plaque for being the most valuable man on the team. He could always be depended on to ring up his share of the score.

FORD, forward. weight 162 pounds. Jim is our scoring ace. A bad knee keeps him from being our star. It's tough on the squad that he graduates this year.

FUSHRoN, center. weight 164 pounds. Butch is a mighty good defensive man. He also has an uncanny ability to sink long shots. We are glad he still has another year.

KELLY, guard. weight 175 pounds. Kelly manages to guard his man and still find time to sink some baskets. He is just a Sophomore so we can expect great things of him before he graduates.

PROOD, forward. weight 158 pounds. Phil may be small but just the same he knows the location of the basket. He not only knows the location but he always manages to have the ball find it, too.

RYAN, center. weight 190 pounds. When Ryan comes charging down the floor, the best and only thing to do is to get out of his way and let him make the basket. He never forgets to follow up, either.

MCDONALD, guard. weight 153 pounds. If ever there was a scrappy little guard, Mac is it. This was his first year. Watch him for the next two.

BALDWIN, forward. weight 148 pounds. Jim was one of the fastest men on the court. He was a good defensive man, too. It's too bad he is a Senior and has played his four years.

MANAGER HENNING. Benny had the job of taking care of these fellows. They are all still alive and happy so we suppose he must have performed his duty well.
Mines-State Teachers College
(Two-game series)

The first game was rather fast despite the fact that both teams played ragged. Both teams readily broke through the other's defense as is indicated by the big score. The lead alternated through the first half, but the Teachers forged ahead early in the second half and held the lead to the end. The score was 49 points for the Teachers and 44 for the Miners.

The second game, uninteresting and replete with fouls, was won easily by the Teachers, 51-18. The Teachers scored 5 points before the Miners got going, and were never in serious danger. The Miners fought consistently throughout both games.

MINES NEW MEXICO UNIVERSITY

January 11th the Miners' quintet went to Albuquerque with the idea of bringing the scalp of the Lobos home. In the beginning of the game it seemed that victory was certain. The Miners were in the lead, and were able to maintain the lead until the last few seconds of the first half, when the score was tied by the Lobos.

Soon after the second half had started two Miners were sent out of the game on personal fouls. It seemed that when Captain Hasco was out, the morale of the Miners' team was shattered, and that the Lobos could break through their defense at will. The score: Miners 23, Lobos 36.

INSTITUTE MINES (Two-game series)

The Miners first saw light when they were able to divide the honors in a twin bill with the Bronchos. During the first half of the game the soldiers were able to hold their own with the Miners in that they were in the lead by one point. The Miners, however, with Pood's superb basket shooting, were able to work themselves out of serious danger so that at the sound of the final whistle the score was: Miners 31, Institute 20.

In the second game, the Miners started out in fine form and victory was almost certain. The cadets during the first half were unable to break through the defense of the Miners as is evidenced by the score. Miners 11, Institute 2. Early in the second half the jinx came into the Miners' camp. Through the over-confidence of the muckers the soldiers were able to get through their defense and pile up the score, beating the Miners by a field goal. Score: Institute 16, Miners 14.

AGGIES-MINERS (Two-game series)

In the first few minutes Ford was able to sink the ball for a field goal. From then until the end of the game the muckers were in the lead and not at any time in serious danger. The score: Miners 28, Aggies 22.

The following night the story was somewhat different. During the first half the Miners were trailing the Aggies and sometimes alternating the score. At the beginning of the last half the score was 12-14 in the Aggies' favor. Fub-

MINES-TEXAS MINES

On February 2, the Miners played the Texas Miners in the Community Center Hall at El Paso. The Miners Miners did remarkably well in the first half and led the Texas Miners three points at the end of the first half. The New Mexicans held the lead up until the last few minutes of the game when the Miners were able to forge ahead on free throw shots gained to them rather freely by the referee. Score: Texas Miners 16, New Mexico Miners 14.

MINES-NEW MEXICO UNIVERSITY

On February 11, the Miners defeated the local court by the Lobos. The Lobos were in the lead from the beginning to the end of the game and at no time were in serious danger. At the end of the first half the Miners were trailing the Lobos three points. The Miners played hard and consistently throughout the game but the fate of successfully winning the game was not in their favor. Score: Miners 20, University 38.

STATE TEACHERS COLLEGE (Two-game series)

The third and fourth games between the Silver City Teachers and the Miners were played at Silver City February 15 and 16. The first half was clearly the Teachers. The second half showed a new Miner lineup which was stronger on both defense and offense, and at one time seemed to be certain of victory but when the final whistle blew the Miners were on the short end of a 14-27 score.

In the second game of the series the Miners showed some real basketball. They drew first blood and held the lead during the greater part of the half when the Teachers came to life and overtook the Miners and left them trailing by 15-12. The second half saw two fast teams fighting for supremacy with each team alternating in the lead. But during the last the Miners seemed to give out, leaving the Teachers in the lead by a score of 41-31.

MINES-MONTEZUMA

The Preachers had a peculiar hesitating offense, which evidently was a puzzle to the muckers. When attempting to break it up their own defense was weakened, letting the ministers through. Kelly for the Miners was high point man with two field goals and two free throws. Score: Montezuma 38, Mines 24.

MINES-NEW MEXICO NORMAL UNIVERSITY

The miners unsuccessfully tried their best to overcome the state champions. From the first it was plainly evident that the Teachers were hard to beat. In the second half the muckers began to see a little light, and were able to make a basket occasionally. Score: Normal University 42, Mines 17.
Varsity Baseball Squad

VARSITY BASEBALL SQUAD

First row—Baldwin, Gilson, Walker, Moffett, Ford, Ries.
Second row—McDonald, Cox, George, R. Baldwin, Ward.

The first call for baseball candidates was issued toward the last of March. The initial turnout found about twenty men, each eagerly striving for a position. After two weeks of practice, a game was played with the Socorro Tigers. Everyone was given a chance in this game and all proved worthy under fire. The Miners easily ran up a lead and came out of their first engagement with a safe margin. After another week of practice the team journeyed to Magdalena for the second game. We won again, this time 16-2. Next came a four-game series with the Tigers. Our yellow jackets again overrode all opposition, winning all four games. The next game was played at home against Magdalena. It was another victory and made seven straight wins for the Ore-diggers. On May fourth the Miners lost their first game for the season to the University of New Mexico by a score of 11-3. The Miners fought hard but couldn't down the Lobos.

In two years the Mines baseball team has won 15 and lost 3 games. The season of 1929 should be a real one. Games for this year will include a series with the New Mexico Aggies, New Mexico University, Texas Mines, and New Mexico Military Institute. Prospects for the team are better than ever. The material on hand can be developed into one of the best teams ever seen in Mines uniform. If the student body and coach are back of them a worthwhile season can be had.

Varsity Tennis

In the spring of 1928, varsity tennis came into the limelight when the Mines team defeated the Lobos. The first and most exciting match was played at home, the Mines defeating the Lobos 4 to 2. In the second match, which was played in Albuquerque, the Lobos held the Miners to a tie, making the final count 7 to 5. Lowe, Moffett, Steele and Walker played excellent tennis for the Mines.

Summary of the matches with the Lobos: First match, Lowe vs. Allan, Allan 0-6, 6-4, 6-1; Moffett vs. Reed, Moffett 6-4, 6-2; Steele vs. Thompson, Steele 7-5, 13-15, 8-6; Walker vs. Devine, Devine 6-0, 9-7; Walker and Steele vs. Thompson and Devine, Walker and Steele 8-6, 6-1; Lowe and Moffett vs. Allan and Reed, Lowe and Moffett 8-6, 6-1. Second match (detailed record lacking)—Lowe lost; Walker lost; Moffett won; Steele won; Lowe and Moffett won; Walker and Steele lost.

Matches were scheduled with the Aggies and the Texas Mines but they did not materialize because of the lack of funds.

To date no matches have been arranged for this year and none seem likely. The high cost of the major sports keeps the minor ones down. Should any games be played the absence of Lowe and Moffett will be keenly felt.
Track

Along in the spring the fellows have always begun to feel restless and their thoughts then turn to that most ancient form of athletic competition, track.

In the spring of 1926 Coach Crawford hung a shield on the Club Room wall and announced an inter-class track meet. The winning class would have its class numerals engraved on the shield, and any class winning the meet for four successive years would be given the shield for good.

The present senior class carried off the honors for the years '26, '27 and '28 but ran into some heavy competition in the inter-class track meet of 1928. Although Modfett, of the present junior class, was high point man, the senior class won the meet by a small margin, which made this the third successive year that this class has won the inter-class track meet.

Unfortunately, the records of this meet were lost in the fire which destroyed the Main Building, so no attempt will be made to give a detailed account of it.

Until this year we had never participated in an inter-collegiate track meet, but Coach Johnson has arranged for a triangular track and field meet with the Las Vegas Normal and the Silver City Teachers to be held here on May 11 of this year.

The coach has urged every one with any ability to come out and start practice for this meet, and the men who have answered the first call look pretty good. A silver loving-cup is to be presented to the school winning the meet, and medals are to be presented to high-point men and runners-up. Our prospects for winning the loving-cup and a fair share of the medals are good. Modfett, high point man of the inter-class track meet of last year, is no longer with us but we still have some good material. Baldwin, Almy and Pantess did good work last year, and we expect them to be among the high-point men of this year's triangular track and field meet. Mudgett and the Ryan brothers, all new material, look mighty good.

Class Basketball 1928-29

There is probably more class spirit and rivalry shown among the different classes during the inter-class basketball tournament than at any other time, and the games of this year were just as spirited as any previous ones.

The first game was between the Juniors and Freshmen. There was some doubt as to the status of the Frosh. Many rumors had been heard as to the powers of the team and the number of individual stars. But from the first of the game until the last there was little question that the Juniors were masters of the Frosh. The result of the first game was 27 to 15, a decided victory for the Juniors. Fuhremann and Proold were the outstanding players for the Frosh, while it was hard to tell which of the Freshmen deserved the praise.

The second game of the tournament was between the Seniors and Juniors. The Juniors, fresh from their victory over the Frosh, were confident they would win this game too. The present Senior class had never been tested in any sport by the present Junior class, and consequently the Juniors were out for blood. This game was rough and fast and one of the hardest fought games in the tournament. But the Seniors with their more experienced players managed to win 33-29.

The next game saw the appearance of a new team on the floor. There were many personalis called and before the game ended V. Ryan, Sommerdorff, Comeau and Hendricks were disqualified. Because of a tie an extra 3 minutes period was played and the Frosh had to be content with the small end of a 14 to 12 score.

The third game between the Seniors and Frosh was the biggest walkaway of the tournament. The Senior team, made up mostly of varsity letter men, was sure of an easy victory over the green material of the Frosh team. The score at the half was 23-4 in favor of the Seniors. During the second half the Froshmen played better basketball and scored 15 points, making the final score 41-19, an easy victory for the coming graduates.

The next to the last game between the Seniors and Sophomores was a fast, well played game with Ford starring for the Seniors and Crabtree the stellar player for the Sophomores. The final score was 28-21 in favor of the Seniors. This game gave the class championship to the Seniors.

It was still necessary to play one more game to decide the runner-up. The last game of the tournament between the Sophs and Juniors was by no means a dull one. The Juniors were not to be nosed out of second place by the lowly Sophs and showed some classy team work. The final whistle for the game and tournament saw the Juniors leading 29-24.

The final standing of the classes was: Seniors first, making this class winner of the tournament for three consecutive years; Juniors second; Sophomores third, and the Freshmen in the cellar.
**The Porphyry**

**Inter-Class Baseball of 1928**

There has always been a great deal of rivalry between classes on the baseball diamond, and this year’s inter-class series was no exception to the rule.

Owing to the fact that the Senior class was small and that some of the Faculty members felt the game was getting a little too strenuous for them, the Seniors and Faculty joined forces to form the Senior-Faculty team.

The first game of the series was played on March 23 between the Juniors and Frosh. The Frosh scored only one run up to the end of the sixth inning and the Juniors were well in the lead up to the seventh inning when the Frosh went on a hitting spree and scored five runs. The Juniors seemed unable to come back after this inning and although several men got to first they never were able to get around to the home plate. The score was tied at the end of the eighth inning, but the Frosh brought in a run during the ninth inning and the Juniors failed to score. The game ended 8-7 in favor of the Frosh.

The next game was between the Sophs and Juniors and was a thriller. The Sophs started out by scoring four runs in the first inning. Three of them were scored on walks. The Juniors scored three runs in the second, two in the third and five in the fifth inning. The score at the end of the fifth was 10-4 in favor of the Juniors. In the sixth inning the Sophs got four hits and two walks and all of them got around to the home plate, thus scoring six runs. The Juniors scored one run in the sixth but failed to score in the seventh. The Sophs scored one more run in the seventh, which tied the score and the game was called on account of darkness. Since the final score was 11-10 another game was agreed upon.

The Faculty-Senior team played the Frosh in the next game of the series. Although the Frosh got seven walks during the game, the Faculty-Seniors led up to the last inning. Neither team scored the first inning, but the Faculty-Seniors scored one run in the second, four in the third and two in the fourth inning.

The Frosh scored three runs in the third inning, one in the fourth, and then in the fifth they brought in five runs, two of them on walks. The game was called on account of darkness at the end of the fifth inning. The final score was 9-7 in favor of the Frosh.

A game to decide the tie between the Juniors and Sophs came next. The Sophs received only one walk in this game. The Sophs scored one run in the first inning, one in the fourth and five in the fifth. The Juniors scored six runs in the first inning, seven in the third and three in the fifth. The game ended Juniors 16, Sophs 7.

The Juniors now played the Frosh for the class championship. The Frosh drew no walks and the Juniors drew two. The Frosh scored one run in the third inning and one in the sixth. The Juniors scored three runs in the first inning, five in the third, two in the fourth and seven in the sixth inning. Darkness stopped the game at the end of the sixth inning. The score of 17-2 in favor of the Juniors gave them the Inter-Class Baseball Championship for the third consecutive year.

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**Class Tennis**

The competition for the interclass tennis championship for 1928 was very keen. More interest was shown than usual and there was always a large turn-out for the matches. One of the reasons for the increased interest was that it was definitely known that there was to be a varsity tennis team and that the material for the team was to be picked during these games.

Herkenhoff and Myatt played in the singles for the Seniors. Boucher and Van De Water for the Juniors. Crabtree and Enos for the Freshmen. And Lowe and Moffett for the Sophomores. The Sophomores won both brackets and Moffett and Lowe had to play for the title. Lowe retained the championship.

Details of the doubles were lost in the fire. However, Walker and Steele won for the Juniors.

The interclass games for this year will not be played soon enough for the results to be recorded here. The loss of Lowe and Moffett by the present Junior class will be keenly felt.
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Ike's Autobiography as Told to The Porphyry Staff

I have no anecdotes of a wilderness life to tell and no sketch of the traits of my parents. I have nothing to say of my parents who left me an orphan. They closed accounts with me when they deserted me and my brother Mike. We lived only by the good grace of strangers who took us in. We received no education, only as we picked it up in our wanderings. We knew no change until we came to Socorro and to the New Mexico School of Mines. The boys here took a fancy to us and welcomed us to stay as long as we wished. The lure of unknown fields attracted my brother and he left after a short time, but I remained.

I have been here right on to nine years now, and I have never regretted my coming here. I have a well grounded education along engineering lines, and although I do not attend lectures as much as I ought, I never miss any field work. Field work is a source of great enjoyment to me because I can wander in and about the mines on Socorro Mountain and maybe chase rabbits. I do like to chase rabbits. It is great fun to flush one and pursue him over the rocks and down the arroyos until he dodges in a hole.

These trips to the mines have sometimes given me several uneasy moments. For instance, there is the time I fell down a hole and had to stay there a night and part of the next day. I was exploring a tunnel in advance of my party and was standing beside the hole when a rock fell and pushed me into the hole. The hole was shallow, but the walls were too steep for me to climb. I could not bring anyone to me by barking so I stayed there until some of my friends who had missed me, found me.

Several times I have been caught in coyote traps and once I nearly lost a leg. This incident is too gruesome to relate, and I will leave the details to your own imagination.

The fellows that go to school here are fine fellows and they treat me with great consideration. But there are some who take a great delight in teasing me. There was Abe Klein; he isn't here any more. He had a lot of fun in pulling my ears and my tail, and in making faces and growling at me until I would snarl and growl and snap at him. Another one of my tormentors is Benny Henning, and I do get so provoked at him that I nearly go wild.

The Miners hang out at Petty's when they have nothing in particular to do, and sometimes when I go down there they feed me ice cream cones. When at times I think they don't give me enough I ask Mrs. Petty and she gives me a cone.

Many dogs have come here and thought they would usurp my place as the Miners' mascot, but none of them ever stayed very long. I have many scars to show my encounters with them. They soon found who was boss of this campus.

I have made no attempt to write an extensive autobiography but have only told a few incidents of my life while I have been at the New Mexico School of Mines.