1934

Flowsheet 1934

Student Publications, Incorporated

THE FLOWSHEET

1934

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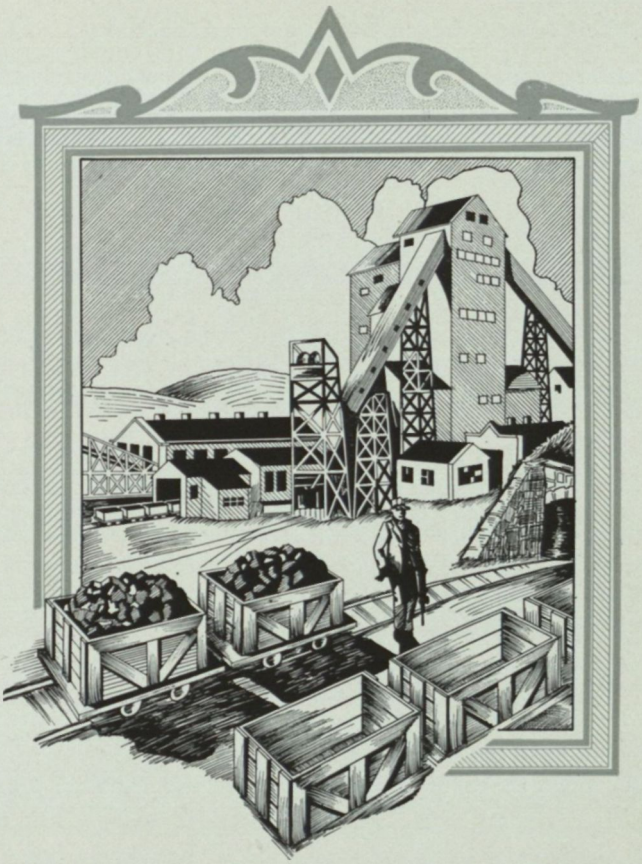
~~MAY 18 '66~~			



The FLOWSHEET

1934

BERNHARD V. MACK, JR.
Editor-in-Chief

NORMAN HIGHFIELD
Business Manager

ENGRAVING
THE WALL ENGRAVING CO.
El Paso, Texas

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El Paso, Texas

The FLOWSHEET

1934

ANNUAL PUBLICATION

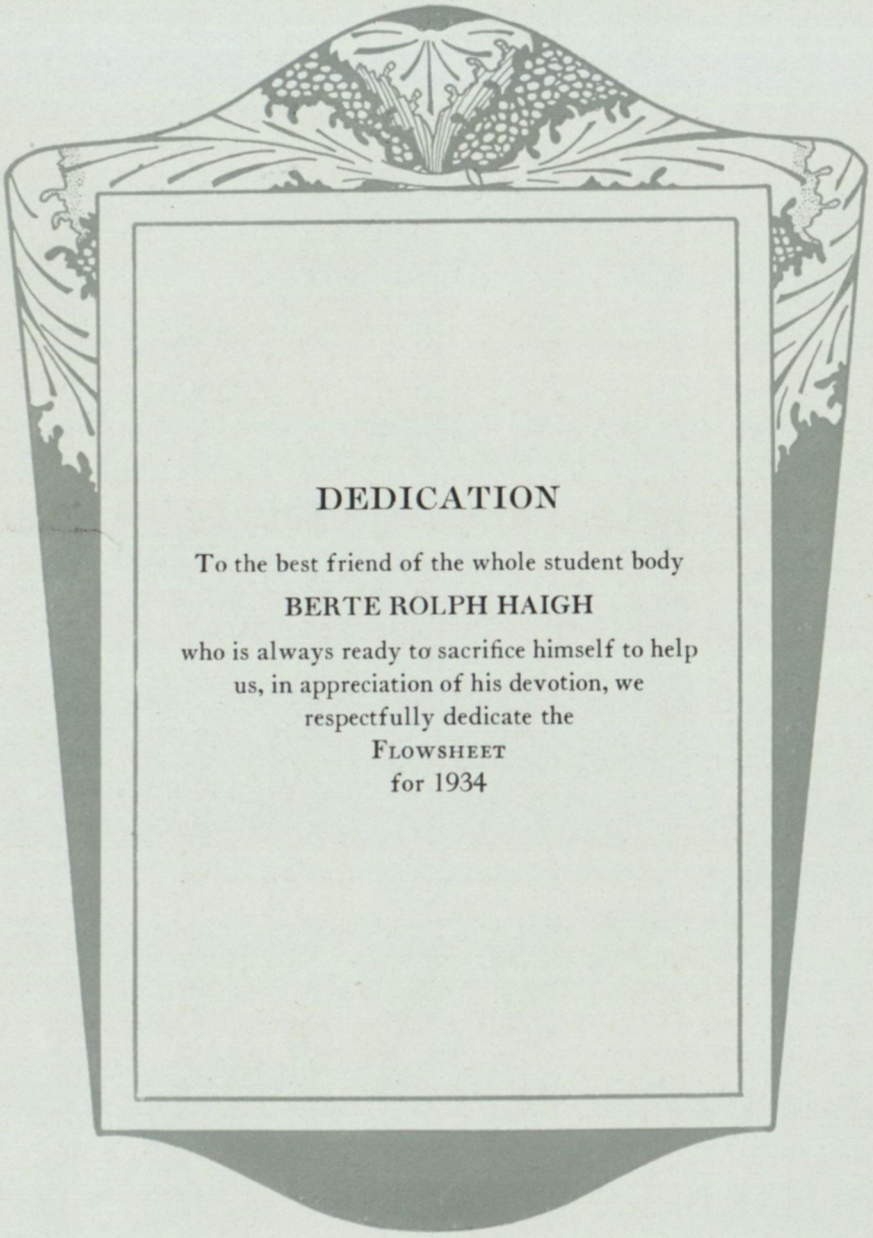
by and for

THE STUDENTS

of the

Texas College of Mines and Metallurgy

El Paso, Texas



DEDICATION

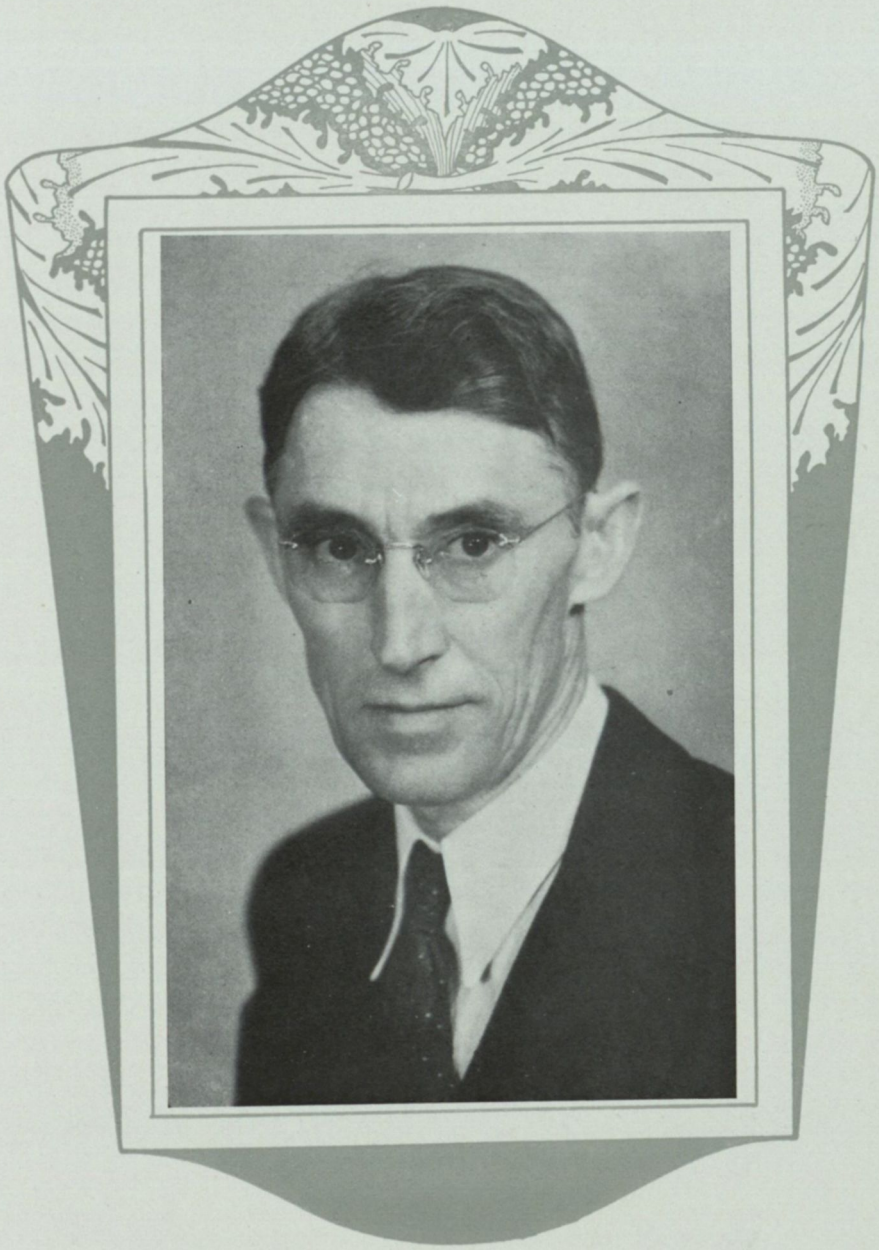
To the best friend of the whole student body

BERTE ROLPH HAIGH

who is always ready to sacrifice himself to help us, in appreciation of his devotion, we respectfully dedicate the

FLOWSHEET

for 1934



FOREWORD

It is the purpose of this, THE FLOWSHEET of 1934, to perpetuate a most outstanding year at the College of Mines and Metallurgy. A year which has marked the beginning of a new era in our college as well as in the whole nation, for it has seen the accomplishment of various long-dreamed-of improvements, both in campus and curriculum which have definitely shown us that the fog has lifted and we are on the road to better times.

CONTENTS

THEME

THE ROMANCE OF ENGINEERING

Engineers are the vanguard of civilization always. We find the active influence of some branch of engineering in every industry. Mining, civil, electrical, chemical, aeronautical, mechanical, architectural, and construction engineering form the foundation and core of advancement. In this period of reconstruction, the engineer is in possession of a romantic enterprise. He must both dream and create. He will restore our past progress and push into fresh fields. There is always something new beyond the horizon for the engineer.

The spectacular operation of tapping an open hearth furnace which is used for smelting iron and steel.

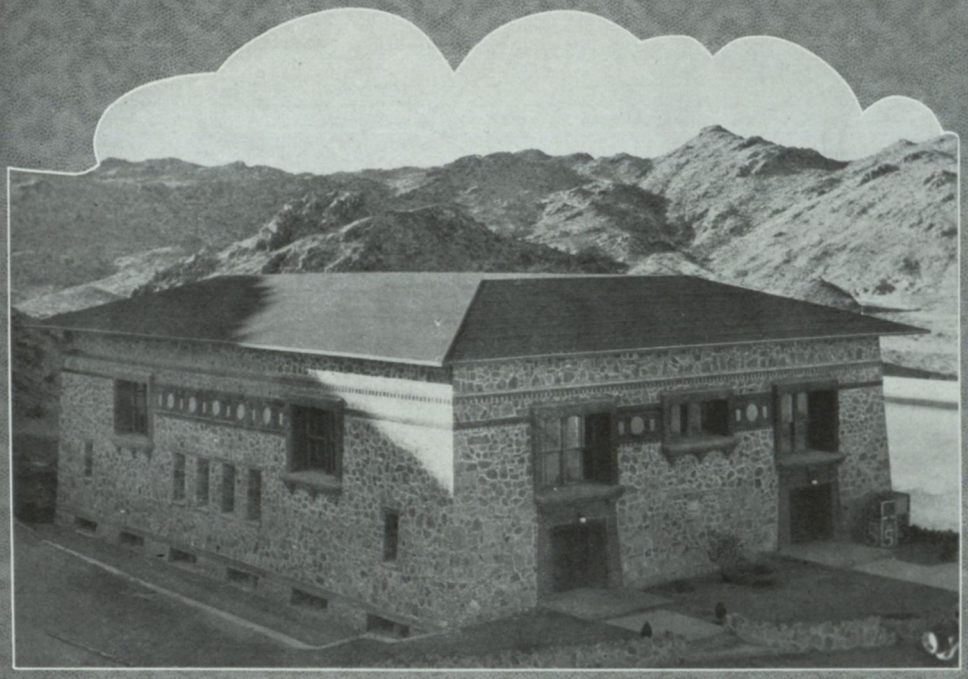
MAIN BUILDING

KELLY HALL

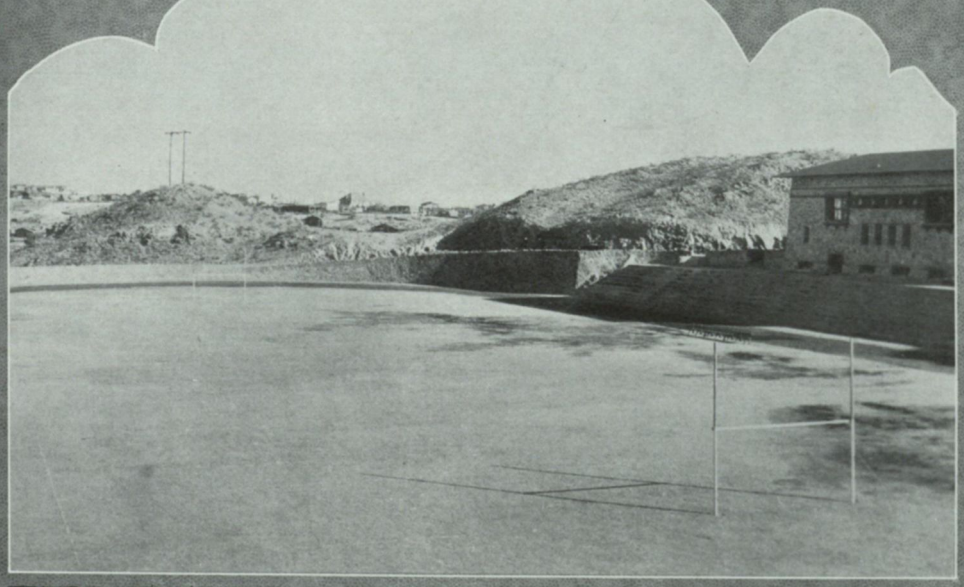
CHEMISTRY BUILDING

KENO HALL

SEAMON HALL

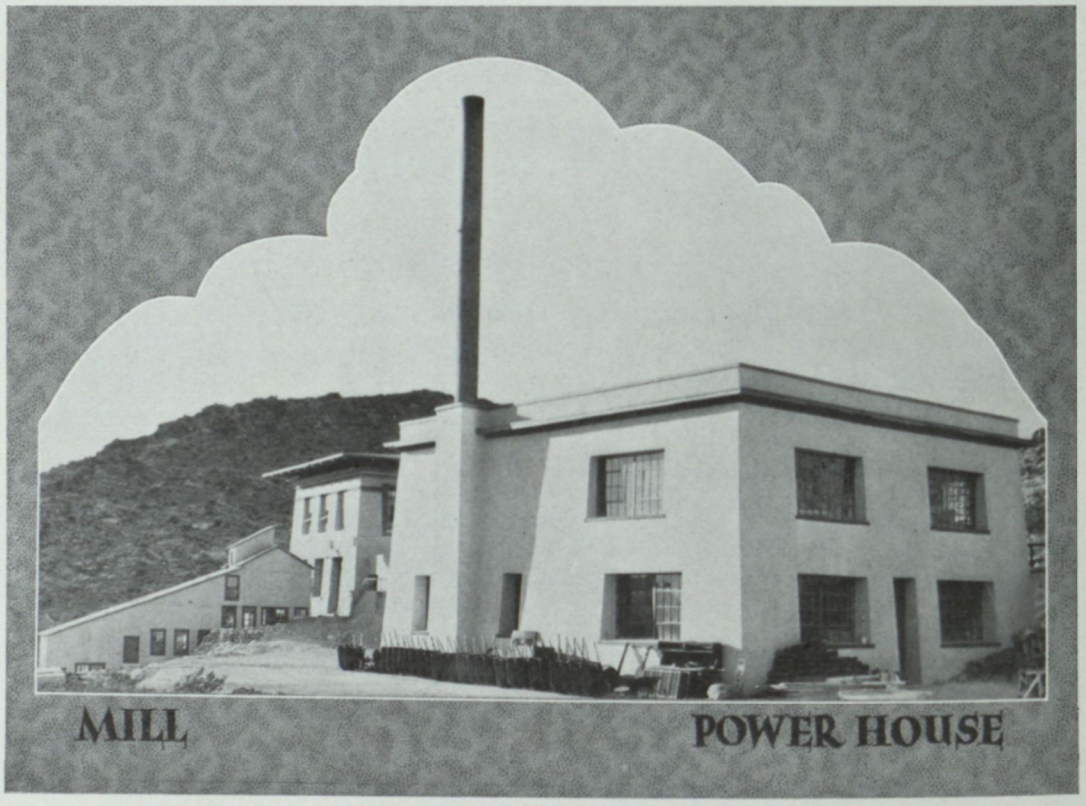


HOLLIDAY HALL



KIDD FIELD

The Campus from a Distance



Apex of luxury in air travel — the new Douglas Airliner. This machine has a top speed of 215 miles per hour, and a 30,000 foot ceiling. It is practically noiseless, having a noise level of 70 decibels, five below that of a Pullman car. The wheels are folded into the fuselage for greater aerodynamic efficiency.

The President of the College of Mines and Metallurgy
MR. JOHN G. BARRY

THE BOARD OF REGENTS

Chairman of the Board of Regents ..... MR. BEAUFORD H. JESTER, Corsicana, Texas
Vice-Chairman of the Board of Regents ..... MR. H. J. LUTCHER STARK, Orange, Texas

MEMBERS

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MR. CHARLES I. FRANCIS ..... *Wichita Falls, Texas*
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MR. J. T. SCOTT ..... *Houston, Texas*
MR. L. J. SULAK ..... *La Grange, Texas*
MR. LESLIE WAGGENER ..... *Dallas, Texas*
MR. H. H. WEINERT ..... *Seguin, Texas*

COMMITTEES

(First member named in each Committee is Chairman of that Committee)

Auditing Committee: Sulak, Scott and Waggener.
Building and Grounds Committee: Stark, Weinert and Randall.
Complaints and Grievances Committee: Aynesworth, Francis, and Waggener.
Executive Committee: Jester, Waggener, and Stark.
Finance Committee: Waggener, Francis, and Scott.
Land Committee: Francis, Stark, and Weinert.
Legislative Committee: Francis, Sulak, and Randall.
Medical Branch Committee: Randall, Aynesworth, and Weinert.
College of Mines and Metallurgy Committee: Weinert, Aynesworth, and Jester.
Public Relations Committee: Scott, Sulak, and Stark.
Members of Board for Lease of University Lands: Francis and Jester.

JOHN GERALD BARRY, S. B.
President of the College

ADDRESS FROM PRESIDENT BARRY

THE FLOWSHEET this year is planned to depict the "romance of mining" There is no career open to young men which lures with more adventurous prospects. Travel, out of the way places, new conditions, congenial companions, freedom from conventional restraint, possible wealth, all beckon. This is all true, but—! From twenty-five years experience of the life may I sound, not a note of discouragement, but an important consideration. There is such a story book glamour that some are caught by it who do not weigh the payment early enough. Be sure that you have within yourself the resources to live alone, to take sole responsibility, to meet situations where there is no one to lean upon; and, upon the other hand, that you can mix with all sorts and kinds, your own nationality, foreigners, high and low, and find them good. There is variety, change, great interest and experience open to the man who because he likes enginneering is willing to endure hardships, unlimited working hours, loneliness, danger, and separation from family and urban life. It is not a life of play boy adventuring. The real romance of mining is hard work, stimulating, invigorating, and broadening to the man who likes mining and creative efforts.

John G. Barry

President
College of Mines & Metallurgy

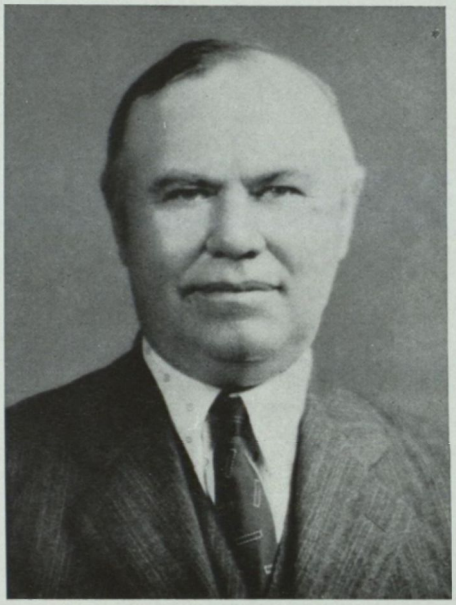
CHARLES ALEXANDER PUCKETT, M. A.
Dean of Arts and Education

ADDRESS FROM DEAN PUCKETT

The College has been able to continue its work in all of the essential academic fields. The courses needed to serve the interests and needs of the students have been maintained. Standards have not been lowered.

Students and Faculty are to be congratulated upon the results of their efforts.

C. A. Puckett
Dean of Arts and Education



JOHN WILLIAM KIDD, E. E.
Dean of Mining, Metallurgy and Science

ADDRESS FROM DEAN KIDD

The session of 1933-1934 has offered encouragement to the Engineering Division of the College. There is a decided improvement in the general outlook for Engineering students. A considerable number of requests are being received asking for the services of Engineers, and it is indeed a great satisfaction to know that nearly all of our Engineering graduates are employed in some line of work.

Substantial improvements have been made during the past several months, and work of this nature is being continued. Some of the most needed of the improvements that might be mentioned are: new quarters for the Library; outside painting of nearly all of the College Buildings; completion of the new building for athletics, (Holliday Hall); the conversion of the Dormitory building into classrooms, offices, and other purposes; the construction of adequate driveways; and the improvement of the athletic field.

We are hopeful that the many changes that have been made will induce the next Legislature to make provision, if possible, for some additions to the physical plant that we could not undertake with the limited funds at hand during the present bi-ennium.

Sincerely,

John W. Kidd

Dean of Mining, Metallurgy and Science

ADMINISTRATIVE DEPARTMENT

HOWARD EDMUND QUINN, PH. D.
Curator of the Museum

MRS. LENA ELDRIDGE, M. A.
Dean of Women

ISABEL ABDOU, B. A.
Statistical Clerk

MRS. FRANCES SMITH STEVENS
President's Stenographer and Clerk

MARGARET NEELY
Faculty Stenographer

ADMINISTRATIVE DEPARTMENT

ANDREW BRASK KRUGER
Bursar

MAURINE ELIZABETH SMITH
Assistant to the Bursar

MRS. MARY HOLT SNOBARGER B. S.
Librarian

BURT FRANKLIN JENNESS, M. D.
Health Officer

MRS. LAVORA ENNES NORMAN
Registrar

JOHN GERALD BARRY
Professor of Economic Geology and Mining
S. B. (Mining Geology Option), Massachusetts Institute of Technology, 1907

JOHN WILLIAM KIDD
Professor of Engineering
B. S., Oklahoma A. & M., 1904; E. E., Texas A. & M., 1909

CHARLES ALEXANDER PUCKETT
Professor of Education
B. A., Texas, 1911; M.A., Harvard, 1916

EMMETT ADDIS DRAKE
Professor Emeritus of English
B. A., Wisconsin, 1882
M. A., 1887

FRANKLIN HUPP SEAMON
Professor of Chemistry
M. E., Missouri School of Mines, 1891

JOHN FRASER GRAHAM
Professor of Mining and Metallurgy
B. S., Michigan College of Mining and Technology, 1905; E. M., 1924

EDWIN JOHN KNAPP
Professor of Mathematics and Physics
Ph. B., Wisconsin, 1921; Ph. D., 1931

CHARLES LELAND SONNISCHEN
Professor of English
B. A., Minnesota, 1924; M. A., Harvard, 1927
Ph. D., 1931

HOWARD EDMUND QUINN
Professor of Geology
E. M. (Geology), 1918;
M. S., Minnesota, 1926;
Ph. D., Harvard, 1931

WILLIAM WALTER LAKE
Adjunct Professor of Chemistry
B. S., Ohio State U., 1913;
M. S., 1921

JOHN LEROY WALLER
Professor of History
B. S., Oklahoma, 1923;
M. A., Colorado, 1925;
Ph. D., Texas, 1929

JOSEPH ERNEST SHAFER
Associate Professor of Economics and Business Administration
B. A., DePauw, 1925;
M. A., Wisconsin, 1929;
Ph. D., 1932

LLOYD ALVINO NELSON
Associate Professor of Geology
E. M., Texas, 1916
M. S. (Geology)
Colorado, 1929

ANTON HILMER BERKMAN
Associate Professor of Biological Sciences
B. A., Texas, 1924;
M. A., 1926

DR. ISABELLA CORBETT ZIMMERMAN
Associate Professor of English
B. A., Occidental College 1924; M. A., 1925;
Ph. D., University of Southern California, 1932

JOSEPH MOSES ROTH
Associate Professor of Classics and Philosophy
B. A., New York U., 1919;
M. A., 1920; Ph. D. 1923

FRIEDRICH WILLIAM BACHMANN
Associate Professor of Modern Languages
B. A., Stanford, 1922; M. A., 1924; Ph. D., Chicago, 1931

BURT FRANKLIN JENNESS
Adjunct Professor of Biological Sciences
M. D., Dartmouth, 1899

PEARL WHITFIELD DURKEE
Adjunct Professor of Physics
B. A., Acadia University, 1903; B. S. (Electrical Engineering), McGill U., 1906

BERTE ROLPH HAIGH
Adjunct Professor of Mining and Geology
B. S. (Mining Engineering, Texas Mines, 1925)

MRS. MARY KELLY QUINN
Adjunct Professor of Social Sciences
B. A., Wellesley, 1922; M. A., Boston University, 1930

EUGENE MCRAE THOMAS
Adjunct Professor of Mining and Metallurgy
B. S. (Mining Engineering, Texas Mines, 1926)

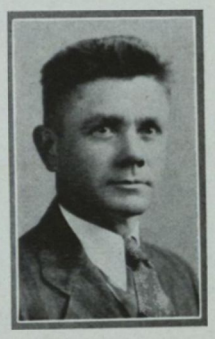
LEON DENNY MOSES
Adjunct Professor of English
B. A., Columbia, 1923; M. A., 1924

ALVIN EDWARD NULL
Adjunct Professor of History
B. A., Indiana, 1910; M. A., Chicago, 1926

RAYMOND AGER
Adjunct Professor of Mathematics and Engineering
B. S., California Tech, 1922; Ph. D., 1933

MISS BULAH A. LILES
Instructor in Mathematics
B. A., Texas, 1921;
M. A., Chicago, 1927

MRS. LENA ELDRIDGE
Instructor in Modern Languages
B. A., New Mexico, 1919;
M. A., University of Washington, 1927



WILLIAM HENRY BALL
Instructor in Chemistry
B. S., Chicago, 1922
M. S., Iowa State College, 1925

MISS NORMA EGG
Instructor in English
B. A., Texas, 1913;
M. A., 1928

MISS GLADYS GREGORY
Instructor in Government
B. A., Southwestern, 1915;
M. A., Texas, 1926

WILLIAM ROBERT AVRETT
Instructor in Modern Languages
B. A., Texas, 1927;
M. A., 1928

MRS. ISABELLA KELLY FINEAU
Instructor in Modern Languages
B. A., Texas, 1905;
M. A., 1931

MACK SAXON
Instructor in Physical Education, Director of Athletics

MRS. BERTHA REYNOLDS
Instruction in Education
B. A., Colorado, 1921
M. A., 1923

THEODORE JOSEPH
Part-time Instructor of Business Law
B. A., Texas, 1927;
LL. B., Texas, 1930

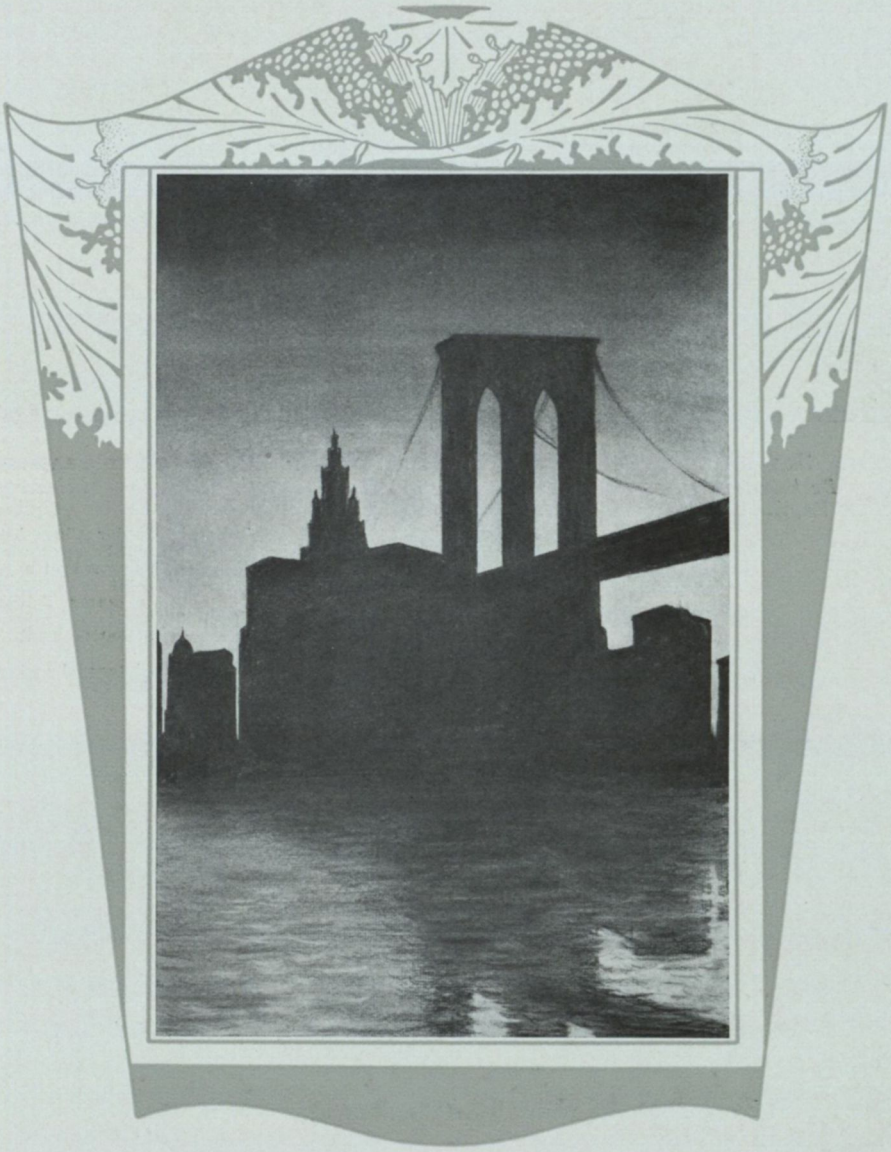
MRS. JULIA IDA KANE
Part-time Instructor in Physical Training
B.A., University of North Dakota, 1919
M. A., Arizona, 1930

HARRY PHILLIPS
Assistant Instructor in Physical Education, Assistant to the Director of Athletics
B. A., Texas Mines, 1933

MRS. ANITA WHATLEY LORENZ
Part-time Instructor in Modern Languages
B. A., Texas, 1925

MRS. EVELYN HINYARD RENKEN
Part-time Instructor in Business Administration
B. B. A., College of Industrial Arts, 1922

MRS. MYRTLE EVELYN BALL
Part-time Instructor in Public Speaking and Dramatic Art
B. A., New Mexico Normal University, 1926



Skyline of a city—epitome of modern engineering achievements

GRADUATING SENIORS

Sue Beal
Bachelor of Arts
English Major

Betty Brand
Bachelor of Arts
Education Major

Co-ed Council '33-'34
Rifle Club '30-'34, Vice-President '32-'33, Secretary '33-'34
Literary Editor Flowsheet '33
Associate Editor '34
Honor Roll six semesters
"A" Honors 1st semester '32-'33

John Max Crawley
Bachelor of Science
Mining Geology Option

President Senior Class '34
Vice-President Senior Class '33
Vice-President Alpha Phi Omega '33-'34
Secretary-Treasurer Scientific Club '31-32
President Scientific Club '32-'33
Student Assistant Geology Dept. '33-'34

Edith Eckhardt
Bachelor of Arts
Eco. and B. A. Major

Marjorie Erwin
Bachelor of Arts
English Major

Robert Ainslee Estes
Bachelor of Science
Mining Option

President Scientific Club '33-'34
Vice-President Senior Class '33-'34
Secretary - Treasurer Alpha Phi Omega '33-34
Executive Council '33-'34
Vice-President Rifle Club '32-'33
Steering Committee Scientific Club '32-'33
Chemistry Assistant '32-'34
Honor Roll four semesters
Student Associate Member A. I. M. E.

GRADUATING SENIORS

LUCILE SAVAGE
Bachelor of Arts
Education Major

MARGARET SAVAGE
Bachelor of Arts
Education Major

DORIS SCHUCK
Bachelor of Arts
History Major

ALAN A. SHARP
Bachelor of Science
Mining Geology Option

Scientific Club
College Players
Football '32
Student Assistant
F. F. F. Brotherhood
Honor Roll
Student Member A. I. M. E.

GRACE CLAUDIA SNEED
Bachelor of Arts
English Major

HAROLD M. SONNICHSEN
Bachelor of Arts
Chemistry Major

Managing Editor Prospector '32-'33, Editor '33-34
Wranglers
Glee Club '32-'33

GRADUATING SENIORS

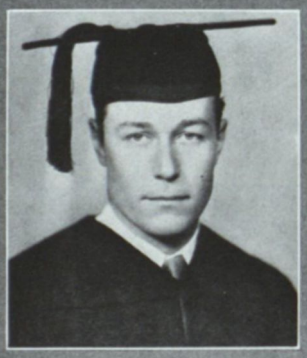
JEAN STEVENSON
Bachelor of Arts
General Science Major

College Players
Glee Club '32-'33
Pre-Medic Club

LEWIS WOODS TEEL, JR.
Bachelor of Arts
History Major

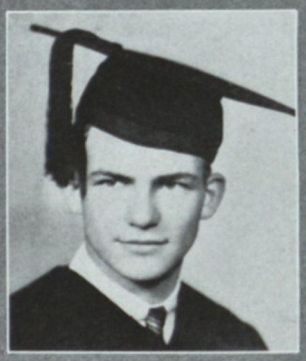
JANE WHITLOCK
Bachelor of Arts
Education Major

P. E. P. President '30, '34
Co-ed Council
Wranglers



ALBERT B. WILLIAMS
Bachelor of Science
Mining Option

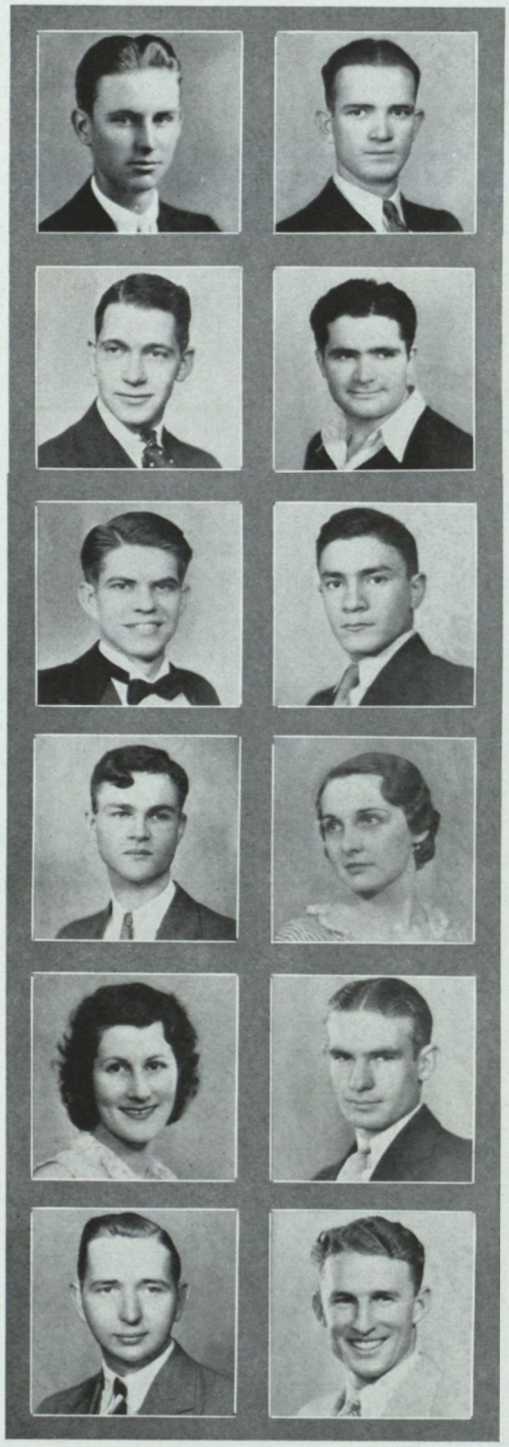
President Student Association '33
President Sophomore Class
Alpha Phi Omega
Football letterman 3 years
Scientific Club
Honor Roll '32-'33



SHELDON PHILLIP WIMPFEN
Bachelor of Science
Metallurgy Option

Executive Officer in Rifle Club
Corresponding Secretary Scientific Club
Geology Assistant '32-'33
Metallurgy Assistant '33-'34
Flowsheet Staff '31-32
Prospector Staff '31-'32-'33-'34
Student Associate A. I. M. E.
Honor Roll 4 terms

IRREGULAR SENIORS



Norman Highfield
Civil Engineering
Bus. Mgr. Prospector and Flowsheet, 1934
Prospector Editor for 1935
College Players, '33, '34
Rifle Club, '34
Scientific Club, '33, '34

Robert Swain
Economics & B. A. Major
Alpha Phi Omega, 1929-34
Band, 1929-34
Wranglers, 1933-34
Rifle Club, 1929-31
Scientific Club, 1929-33

J. Harold Tillman
Economics & B. A. Major
Bus. Mgr. College Players,
Exemplars,
"Dulcy"
B. S., Texas, 1932

H. J. Fisher
Scientific Club

Mary Abraham
Spanish Major

Wilburn T. Bush
Pre-Med.

Bernhard V. Mack, Jr.
Chemical Engineering
Scientific Club, '31-'34
Student Associate, A.I.M.E., '34
Prospector Staff, '31, '32
Woman Haters
Flowsheet Staff Associate Editor, '31
Co-Editor, '32
Editor in Chief, 1933
Re-Elect, 1934

Manuel M. Del Sobral
Chemical Engineering
Scientific Club

Raul C. Soto
Pre-Med.
Latin American Club

Virginia Darnall
History Major

Julius F. Heuser
Mining Engineering
Scientific Club, '31-'34
Alpha Phi Omega, '33-'34
Student Associate, A.I.M.E.
Vice-President Scientific Club, '33-'34

Brooks Travis
Economics & B. A. Major
Alpha Phi Omega
Wrangler Club
"M" Association
President of Student Association, 1933-34
Vice-President of Student Association, '32-'33
Executive Counsel Member '31-'32

JUNIORS

Betty Vyvian Olmsted
College Players
Prospector Staff
Vice-President of College Players
Faculty Editor Flowsheet

Woodrow Leonard
Alpha Phi Omega
Scientific Club
Rifle Club
President Junior Class

Mildred Louise Farra
Co-Ed Association
Sec.-Treas. of Junior Class, 1933-34
Jr. Class Representative to Co-Ed Council, '33
Vice-President of Co-Ed Assn., '34

James Cady
Alpha Phi Omega
Scientific Club

George A. Krutilek
"M" Club
A. P. O.
Football, '31, '32, '33

Mariam Hubbard

Barbara Stain
Library Assistant

Jack W. Jones
DeMolay Exemplars
Prospector Staff
Scientific Club
Rifle Club
Jr. Member Student Council
College Players

Elecia Fryer
Prospector Staff
Golddiggers
President of Newman Club
Secretary-Treasurer of College Players

H. L. McCune, Jr.
DeMolay Exemplars
Rifle Club
S. O. S. Society (Grand Ruler)
F. T. Fraternity (Charter Member)
Order of K. O. (Alumni)

R. E. Price, Jr.
Director of Band
Scientific Club

Wray Jonz
Pre-Med.
DeMolay Exemplars
College Players
Tennis Club

JUNIORS

Alfredo Arguelles
President Latin American Club
Scientific Club
Flowsheet Associate Editor
Newman Club

Hazel Lockhart

Blanche Louise Burns
Co-Ed Council

Eleanor Lyles
Co-Ed Council
College Players
President of Co-Ed Association
Spring, '30
President of Golddiggers
Fall, '33
President Glee Club, '32-'33
Director of College Players

Kitty Gaither

Hans Brockmoller
Wranglers

Helene Hubbard
Pi Epsilon Pi

Gale Tolbert
Basketball Manager, '34
Executive Council

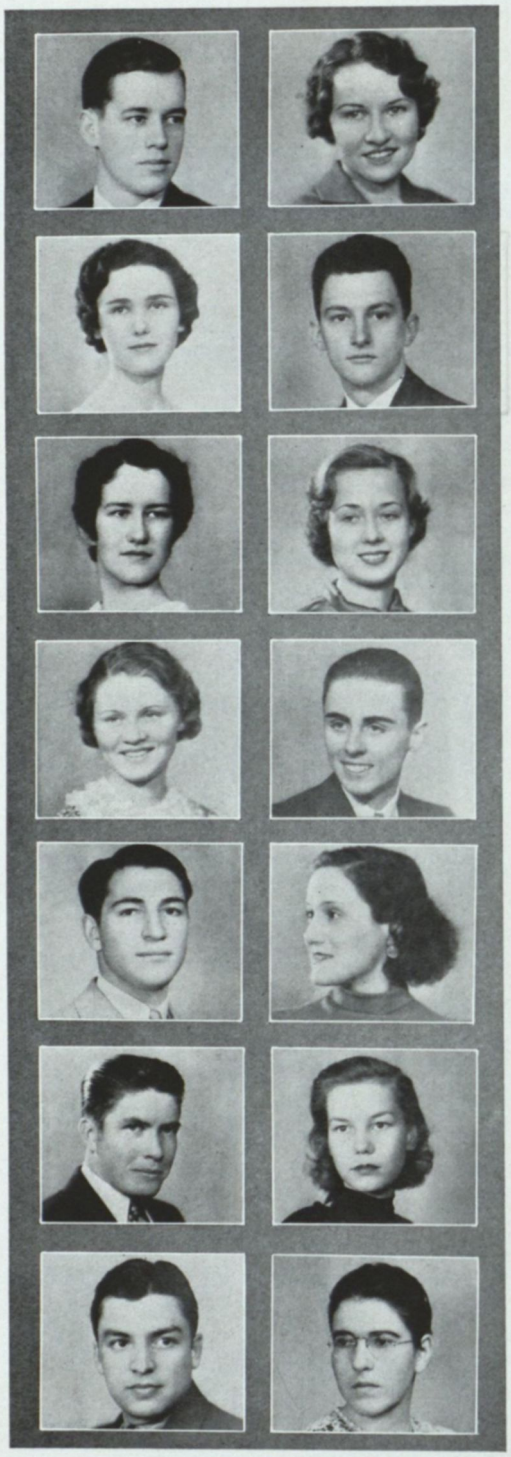
Joe Sides
President College Players

Amador Quijada
Scientific Club

Jimmie F. Davis

Helen Keller
Pi Epsilon Pi
College Players

SOPHS



John Croom

Virginia King
College Players
Beauty, '33-'34
Executive Council
Co-Ed Council
Treasurer of Omega Phi Delta Sorority
Sec. of Students' Association
Vice-President Golddiggers

Mary White
Co-Ed Council
Wranglers
Golddiggers
President Omega Phi Delta

Jeanne Hirsch

Celso Revilla
Pre-Med.

Wilfred Hamlyn
Alpha Phi Omega
Board of Directors
Scientific Club

Trinidad Ornelas
Scientific Club

Nell H. Travis
Golddiggers Club
Omega Phi Delta
Co-Ed Council, '33
Flowsheet Organization
Editor, '34
Sec.-Treas. Co-Ed Assn., '33
Vice-Pres. Golddiggers, '33
Sec. Sophomore Class
Most Popular Girl, '34

Lee Ivey
Scientific Club

Nadine Hale
Wranglers Club
Omega Phi Delta Sorority
Women's Athletic Association

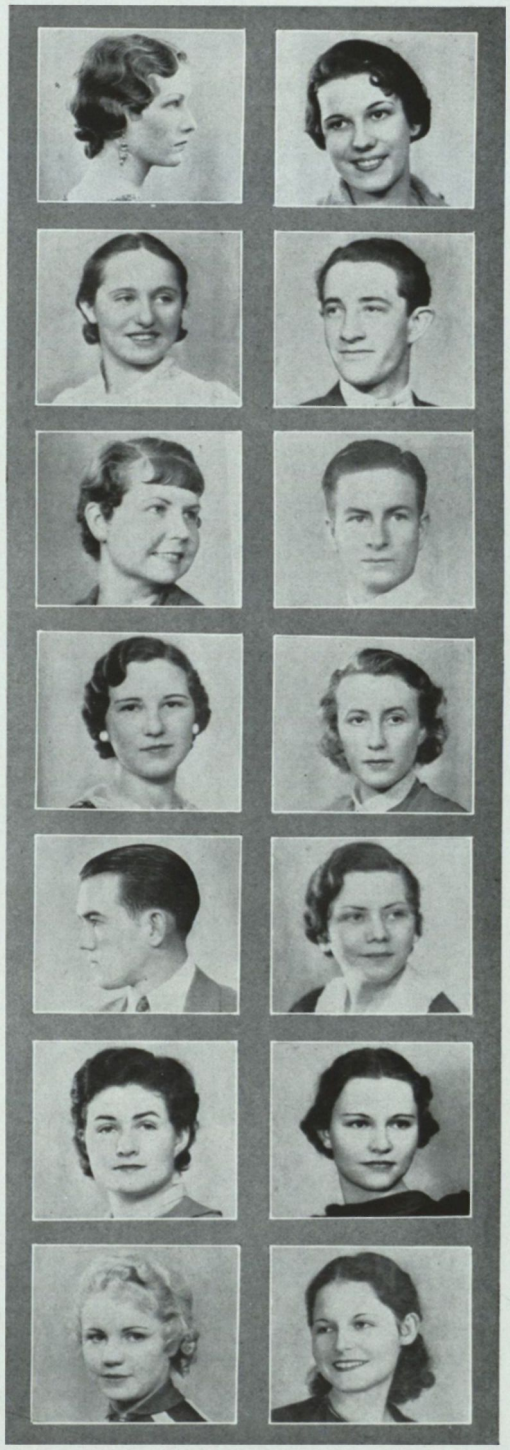
Turrentine Jackson
Wranglers
College Players
DeMolay Exemplars
Prospector Staff
Student Assistant, History Department

Mary Lee Abdou
Flowsheet Staff
Prospector Staff
College Players

Ellen Hoard

Louise Rosenfield
Co-Ed Association
Prospector Staff
Assistant Editor of Prospector
President of Menorah Society
Scribblers

SOPHS



Margaret Stansbury
Pi Epsilon Pi
Vice-President P. E. P.
Treas. Co-Ed Association

Doris Miller
Omega Phi Delta

Mildred Weiss
Pre Med. Club

Douglas Ballentine

Zora Zong Kilgore
College Players
Flowsheet Jokes Editor

Howard Cox
Basketball, '33-'34

Elizabeth Clifton
Omega Phi Delta

Annie Lou McClure
Omega Phi Delta

Bates Belk
Awgwan Club

Josephine Alton
Omega Phi Delta

Betty Sheehan
Pi Epsilon Pi

Tess Herlin
Pi Epsilon Pi

Pearl Louise Wooldridge
Pi Epsilon Pi
Golddiggers

De Rheta Alderman
Pi Epsilon Pi

FRESHMEN

ralph jones — betty hermann

marion ellis — ed given

jimmy carter — tula gates

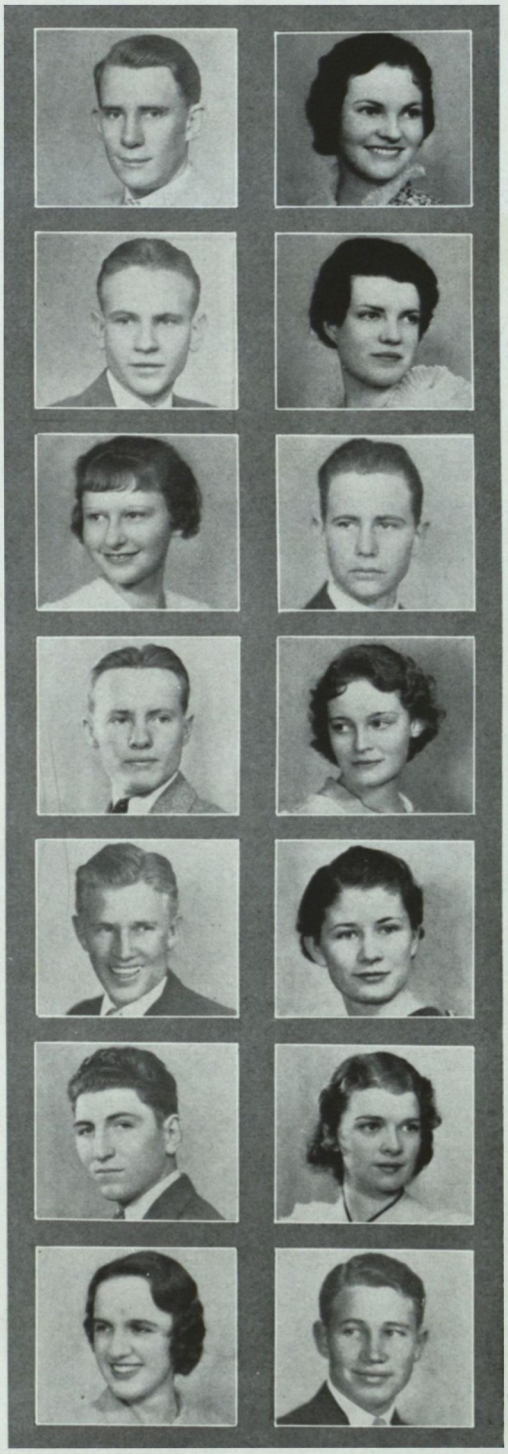
mary briggs — marcus turk

j. b. billard — marjorie moore

leslie mckinney — robert folk

willie shreffler — ruth stansbury

FRESHMEN



charlie waite

myra morris

bruce white

marjorie williams

alice ramey

john valkenaar

gordon bulger

bonnie beth reading

paul perkins

catherine sheehan

roberto revilla

doris durham

gretchen reinemund

ralph boswell

FRESHMEN

fanny wright

burdett musgrove

jack jennings

emelia branch

irby kistenmacher

bob white

watty bennerman

lucille weyrts

martha bottoroff

louis hawley

winson creech

kathleen erwin

ruth blaugrund

ed hodge

FRESHMEN

kurt muerdter

caroline coles

raphael abrego

lugardo garcia

rufus march

mary frances smith

hallie goss

james davis

harold naylor

bernice black

octavio moñtanez

ed cushing

irving mcneil

donald archibald

FRESHMEN

robert hall

frances keating

dave warne

albert navarro

john woods

ruth riggs

maurine howell

norman williams

gilbert young

ann mccarthy

bob young

emily fruit

bill ward

bob bolton

QUIZZES OFFERED TO STUDENT ENGINEERS

For Metallurgists (S. Wimpfen)
Tragedy No. 13131313

1. Place a number of ingots of babbit metal, zinc, lead, etc., in a large crucible.
2. Heat vigorously. When white hot dip forefinger of right hand into the solution to estimate the temperature—obviating the use of a thermocouple. Withdraw finger slowly.
3. Look the instructor in the eye while testing the temperature to show him how you can take it.

Report:

How many months did it take before you could write again and how many fingers have you now. Give your testimonial for Ungentine for minor burns.

For Civil Engineers (N. Highfield)
Traverse No. 131313—

Directions:

1. Check out a transit.
2. Do not take the tripod. It is unnecesary.
3. Sight the transit at the rod like a telescope.
4. Hold the same in the left hand and record observations with the right.
5. Attribute any and all errors to the slide rule.

Conclusions:

If you were surveying a plot for a pansy bed how many months would it take you? Report the diameter of the cross-hair in your instrument.

For Chemical Engineers (B. Mack)
Experiment 13—

1. Prepare about one pound of nitrogen tri-iodide.
2. Place in a large mortar.
3. Allow to dry well on a sand bath.
4. Place in far corner of laboratory. Caution!
4. Throw 1 inch steel ball bearing at the mortar from the doorway. Aim carefully. RUN LIKE HELL!

Report:

Show diagram of building before and after the experiment took place. Record the seismograph readings observed at Madison and Chicago. Summarize your interview with the coroner. Record the testimonials of the survivors, if any.

Conclusions:

Submit a tentative budget of a new building for the approval of the regents. Suggest methods of obtaining more accurate data.

For Mechanical Engineers (M. Sobral)
Experiment 1313—

PART I

Laboratory Work:

1. Verify the presence of a good head of steam in the supply lines.
2. Adjust governor of the Corliss engine to care for very heavy overloads.
3. Remove belt driving the governor.
4. Open steam valve wide—also the front door.
5. Do a 440—OVER THE FIELD HOUSE.

PART II

1. Never mind Part I.

Report:

Measure the dimensions of the holes in the walls of the laboratory. Record your guess of the number of spokes that were in the flywheel. Compute the efficiency of the engine for the museum files.

Conclusions:

Don't you think steam and gas is fun? How would you like to come over and play again some time?

For Electrical Engineers (J. Heuser)
Experiment No.—Last.

1. Obtain a new cadmium standard cell. Record its voltage. (Three decimal places).
2. Connect a clean copper wire across its terminals — Remove the wire three days later.
1. Use this cell in a potentiometer circuit for your experiment.

Report:

After throwing away the data write all you know about a standard cell. Hand in your paper to the Custodian of the Waste Basket. Please pay for cadmium cell on your way out.

The Marebanks Force Diesel Engine For Graduate Engineers (R. Estes)

Experiment No. 1934—

1. Start the Marebanks Force Diesel engine by priming the gaskets with banana oil.
2. It is essential that the excitation of the ignition be kept low enough to prevent overheating from eddy currents. Therefore adjust the excitation to give a leading power factor not greater than the angle between the compresion time and the brake arm.
3. After the head has reached the top of the glass see the instructor and give all the reasons for the presence of the large hole in the concrete floor.

—The Wisconsin Engineer.

Among those graduating in June whose pictures do not appear in this Annual are:

FRANK BENNETT ..... *Bachelor of Arts* (Economics Major)

ERIC JOE BYMARK ..... *Bachelor of Arts* (Eco. and B. A. Major)

EDWIN CADY ..... *Bachelor of Arts* (Eco. and B. A. Major)

MRS. HELEN H. FITZPATRICK ..... *Bachelor of Arts* (Education Major)

ALLEN HARRISON HUGHEY ..... *Bachelor of Arts* (History Major)

ELSA MEECE ..... *Bachelor of Arts* (English Major)

EVELYN MILLER ..... *Bachelor of Arts* (English Major)

BARBARA PARKER ..... *Bachelor of Arts* (Eco. and B. A. Major)

EVELYN ROSING ..... *Bachelor of Arts* (Spanish Major)

LUCILLE SOLTNER ..... *Bachelor of Arts* (History Major)

MARGARET SUTTON ..... *Bachelor of Arts* (Education Major)

FRANCES TURNER ..... *Bachelor of Arts* (History Major)

The hub of the water wheel generator for the Dnieprestroi Dam in Russia. This hub was made by General Electric, and weighs ninety-two tons. Note its size as compared to that of the man beside it.

CHARLES ALEXANDER PUCKETT, M. A.

Our athletic teams are to be congratulated, first, upon the creditable consummation of some of the most difficult schedules of games the College has attempted; and, second, upon the completion of the gymnasium and the stadium. Both of these accomplishments should mean much to our athletic teams in the future.

C. A. Puckett

Chairman Athletic Council

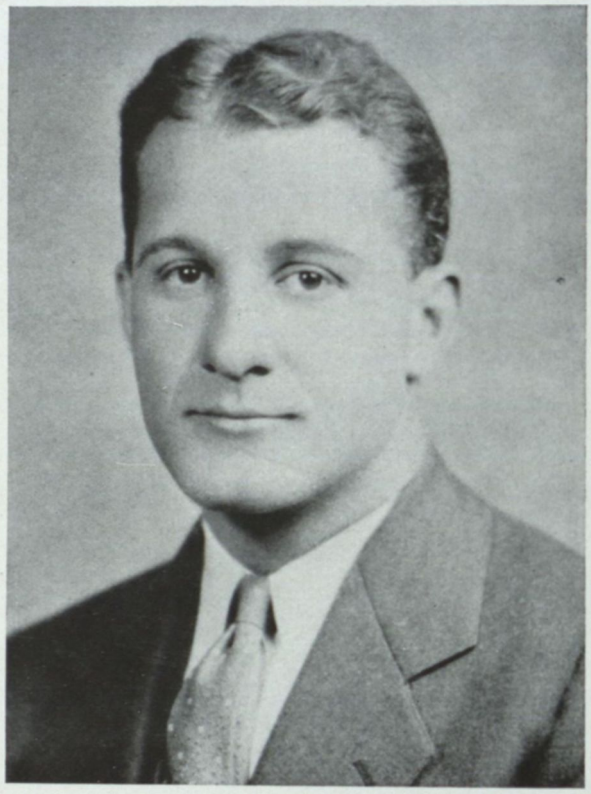
MACK SAXON
COACH

Although his fifth year at the Mines has not been so successful as previous years, Coach Saxon has more than ever endeared himself to sports lovers at the College. Coach, in spite of lack of a good quarterback and sufficient reserves, put up a mighty fine football team this year, and talk that he may leave should arouse us to action in order to prevent such a misfortune.

The Freshman rule is really going into effect next year, and Coach Saxon can now devote his time to building up a real conference team. Saxon is also conducting an intensified spring training in football this year, a thing which will effectively increase the fighting strength of his team.

It is rather amusing to note that at the Texas Tech game there was personal rivalry between the coaches, as Mack was a former pupil of Coach Cawthon. Cawthon says that when Mack first came to play for him—well, you've heard it.

Okay, Coach! Let's go! Let's see us a Conference team next year.



HARRY PHILLIPS
ASSISTANT COACH

In point of players, Mack's little assistant, Harry, had the better of his chief. This past year, "Little Man" built up a forward wall that took Texas and S. M. U. to blast away. Phillips is one of the most able line coaches in this section of the country; and should he leave us, his absence would be severely felt.

Well, Harry, how about the Conference team next year?

FOOTBALL SQUAD
1933

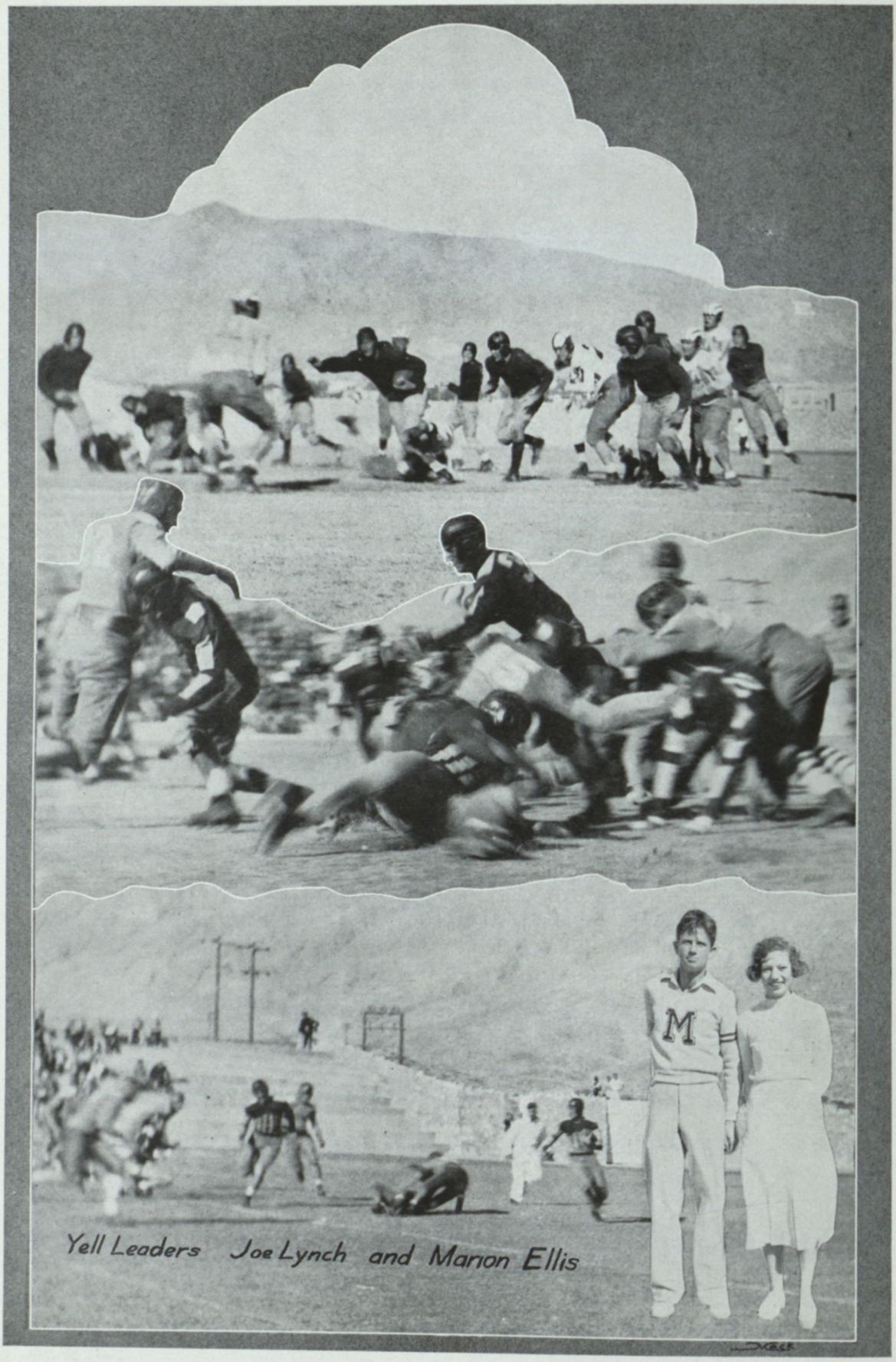
Back Row: The Managers, Al Washburn, Watty Brennerman, Hugo Sacra.

Middle Row: Coach Harry Phillips, Clarence Walker, Frank Kirby-Smith, J. B. Walton, Woodrow Wilson, Homer Barnett, Joe Hart, Campbell Weaver, Garvice Pou, Seldon Kirby-Smith.

Front Row: George Krutilek, Walter Milner, Tony Hernandez, Captain Lindy Mayhew, Frank Feuille, John Williamson, Winston Newberry.

Those not appearing in the picture are:

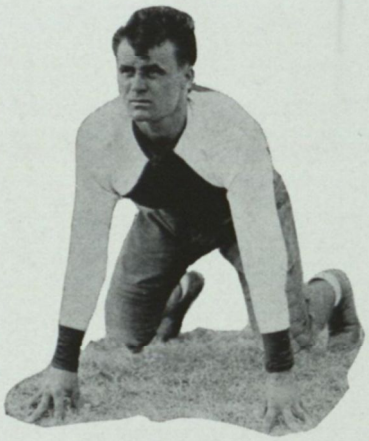
Head Coach, Mack Saxon; Assistant Coach, J. B. Andrews; Assistant Coach, Charles Coldwell; Fred Lingdren; James (Primo) Daross; Lionel Andrews; Al Williams; Carrol Weaver; Allen Wilkenfeld; Cotton Duffel; Sam Cresap; Roxby Oliver; Jessie Hunt; Clarence Thomas; Lee Barnett.



Yell Leaders Joe Lynch and Marion Ellis

CAPTAIN LINDY MAYHEW

Captain Lindy is the powerful type of guard weighing over two hundred pounds. Being fast on his feet, he is a constant menace to the enemy. He was in the opponents' backfield so often the officials would frequently question him to see whether or not he was wearing the right colors. During the past season he played almost every position on the team. His leadership could not be surpassed and his graduation this year is leaving a place mighty hard to fill.



GEORGE KRUTILEK

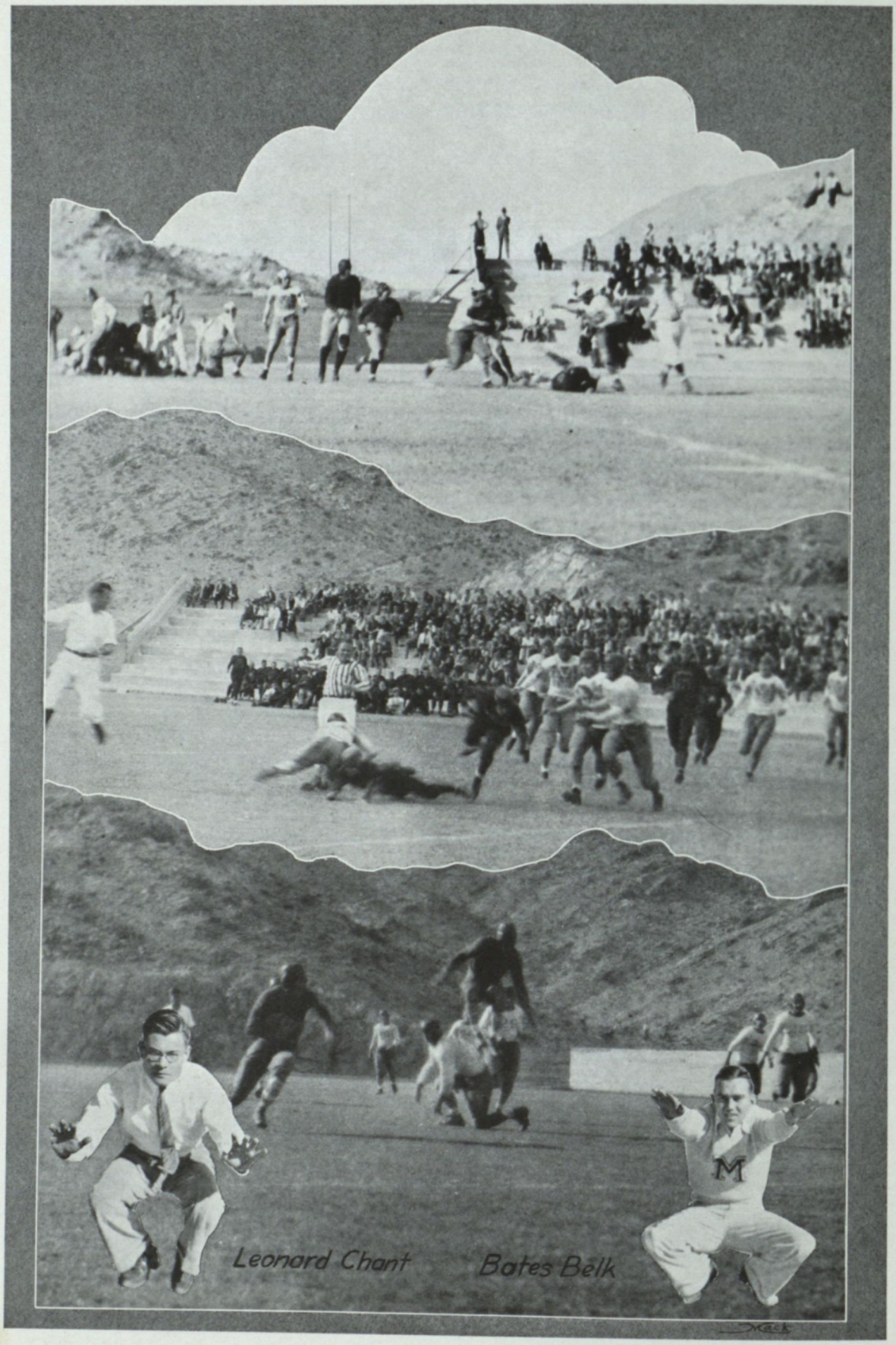
Krutilek is considered as the most versatile player on the squad. At some time or another he has played every position on the team. The past year he was run mostly as a blocking back, earning his letter because of his drive and fire. He still has another year and his experience should go a long way towards building a championship team.

AL WILLIAMS

The last year was Al's fourth and most creditable year on the Mine's squad. He has played almost all of every game and has earned the nickname of "Iron Man," because of his fighting spirit and willingness to play even when he was crippled. Often, the team would have some harmful tense situation broken by one of Al's cracks.

CARROLL WEAVER

Weaver was a stellar performer this last year and is feared as one of the hardest tacklers of the game. He generates so much power that in an open tackle there is almost always an injury, either to his opponent if he connects, or to himself if he misses. However, he connected often enough so that he did not miss any games because of injuries. If he is eligible he should be outstanding next season.



Leonard Chant Bates Belk

JAMES "PRIMO" DAROSS

Primo gets his name from his size. He weighs around two hundred and thirty pounds but is remarkably fast for all that. He is a good man on offense but on defense he has been dubbed "Stonewall Daross." He will be eligible next year and should make a record which will go down in football history.

WALTER "CHULE" MILNER

Milner is a light man who earned his letter by sheer fight. He is a sidestepping specialist and has accounted for much of the yardage gained. He will not be available next year, as he will be lost thru graduation.

WOODROW WILSON

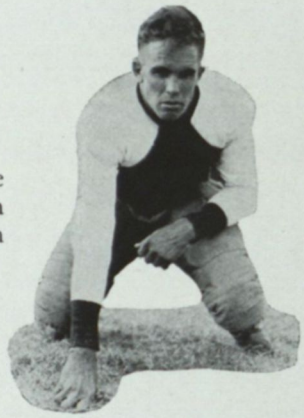
Wilson, when he refrains from being injured, is the best substitute for J. B. Andrews that the squad contains. During the last year he did a good job of signal calling and scored more points than any other man on the squad. His husky shoulders and keen mind will probably carry the burden of calling signals for the next two years.

COTTON DUFFEL

Duffel lettered again in the center position which he has held for the last two years. He is an excellent passer and has a snap judgment which has saved several serious losses. However, his outstanding work has been on defense backing up the line. He has stopped many plays before they got started by sliding under a tangle of players and making the tackle. He will be back next year.

HOMER BARNETT

Barnett is a freshman with three years ahead of him. He held the opposite end position from Walker and even this first year the papers mentioned them as the best set of ends on any one team in the state. Barnett is the best pass receiver on the squad and his height and reach will be put to excellent advantage.



SAM CRESAP

Cresap did not letter this last season because he barely fell under the limit required. However, he is a 'varsity back and is a player more than capable of earning his letter. He will be back next year and his position is fully as secure as if he had earned a letter.

JOE HART

Hart is another powerful guard that revels in smearing enemy players whether on offense or defense. In several games where a count was kept he made more than half of the total number of tackles! He will be back to strengthen the team next year.

TONY HERNANDEZ

Tony is a freshman who has several glorious years before him. He is only pint sized but he is as tough as a boot and earned his letter against men who outweighed him at least forty pounds. In spite of his size he does his full share of the work and does it well.

CAMPBELL WEAVER

Campbell, no relation to Carrol Weaver, earned his letter his freshman year and gives promise of being one of the most dependable backs on the squad. His punting on several occasions staved off defeat.

CLARENCE WALKER

Walker is a transfer but has two more years of eligibility at Mines. He played the end position and was only out of games a very few minutes the entire season. He shows prospects of being one of the outstanding ends of the state.

FRED LINGDREN

Lingdren is a transfer from the University of California and earned his letter playing at the ends and in the backfield. He is a triple threat man and is considered by many as the best passer on the squad.

GARVICE POU

Pou was a freshman last season and earned his varsity letter at the center position. He is a tall fast man who will help the team overcome any weakness next year caused by the rule abolishing freshmen players.

ALLEN WILKENFELD

Pecos is a freshman linesman with three years ahead of him. He earned his letter by playing when either Mayhew or Hart were out and it is hoped that he will help fill Mayhew's vacancy.

Resume of 1933 Football Season

TEXAS REDUCES MINERS
22-6

The Miners opened their season against Texas U. dropping a hard fought game 22-6. Wilson scored the sensation of the game by running back a kick-off for ninety yards, presenting the Miners with their lone tally. He and tiny Tony Hernandez exhibited flashes of rare form.

PERUNA KICKS MUCKERS
27-6

The Miners lost to S. M. U. the following week 27-6, although they outfought and held a lead over the Mustangs for the first half. The thirty thousand spectators felt that if Mines had had the breaks they would have won.

HOWARD PAYNERS DISCOMFIT MUCKERS
6-0

In the first home combat of the year Mines showed up poorly in a 6-0 loss to Howard-Payne University. The team could not seem to cooperate.

ORE DIGGERS AND CADETS LOCK HORNS FOR 6-6 TIE

In the fourth conflict, the Miners ditched their losing jinx and held the New Mexico Military Institute (State Champions) to a 6-6 standstill. The game was bitterly contested along all lines with the Mines holding the advantage in first downs and penetrations.

MATADORS VANQUISH MUCKERS
12-0

In this game, played in El Paso, Texas Tech outclassed the Mines to chalk up a 12-0 victory. This was the first game in which the Miners showed real playing ability even though they came up on the short end.

MINERS SUBJUGATE ANCIENT FOES
9-0

In the annual homecoming encounter against the New Mexico Aggies, the Miners sparkled. Deprived of their yearlings in this game, the Muckers used only twelve men and hewed out a score of 9-0. Frequent fumbles marred the game for both teams.

MINES ROUTS SUL ROSS
34-0

In the next strife, the Miners blasted Sul Ross 34-0, using every man on the squad. Woodrow Wilson, Carrol Weaver and Tony Hernandez played stellar roles.

MINES SUBDUES SIMMONS
10-0

In the final contest of the home season the Miners defeated the powerful Simmons University eleven 10-0. In this game Carrol Weaver, bent on putting Carl Pee, the Simmons star, out of the game, succeeded in the first quarter. This was the most pleasing game of the season.

SAINTS NAB FINAL
6-0

In the concluding spasm of the season, played at San Antonio, the Miners knelt to St. Edward's to the tune of 6-0. The game was marred by Captain Mayhew's being accused of slugging and being put out of the game. This game wrote finis to the most disastrous season that Mines has had in the past seven years.

J. B. ANDREWS

ASSISTANT AND BASKETBALL COACH

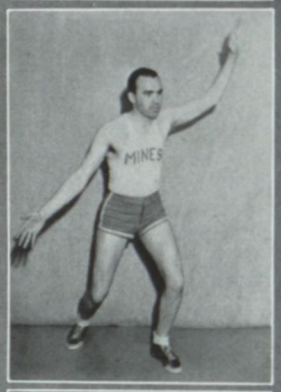
This year, the coaching staff was valuably augmented by the presence of the Mines' great star quarterback of former years. Andrews should make a real valuable aide to Mack in coaching the backfield. His Freshman team, although inclined to take to the field lightly, showed up exceptionally well in their game with the Aggies Frosh. Also, his basketball team showed up well this year.

Hoch! J. B., to a long and successful coaching career!

E. Perser, B. Travis, W. Milner, H. Cox, G. Pou, F. Hightower, A. Reyes

WALTER MILNER—*Forward—4th Year*

Chule played his last year for Mines. His play was again characterized by his hustle and scrap. He was honored this year with the captaincy, and his fighting efforts were an inspiration to his team mates.

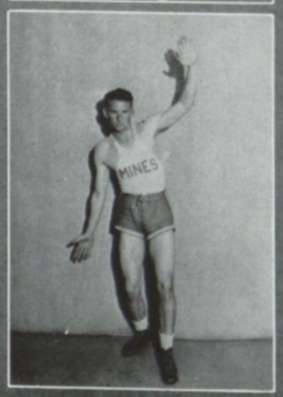


TOM EADY—*Guard—4th Year*

Capable and steady, a former captain, who terminated his collegiate basketball career at Mines with four years of hard and conscientious play. He is characterized by his coolness and smoothness, which proved an asset to his play.

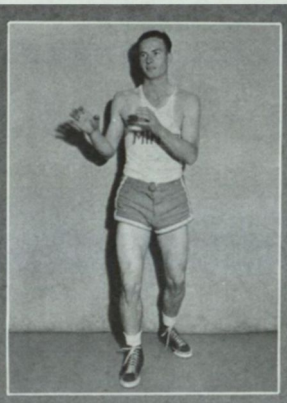
GARVICE POU—*Center and Forward*

Pou was handicapped by illness, which kept him from playing enough to letter. He will be a great help to the team next season, for there are few who can handle the ball in his own individual manner.



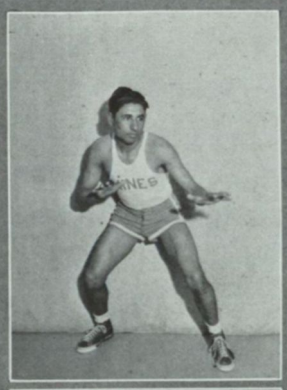
BROOKS TRAVIS—*Forward and Center—2nd Year*

Due to other duties Brooks was a late addition to the basketball squad, but hard work soon made him a valuable man to the ball club. This was Brooks' last year and we all regret the fact that he leaves us after the splendid showing he made this year.



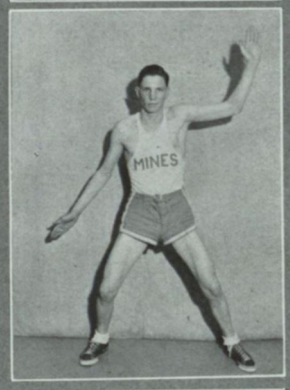
HOWARD COX—*Forward—2nd Year*

Howard was the team's high point man for the season. Besides his ability to hit the basket, Cox is an excellent floor man, and an ideal player for team work. His play was greatly improved this season over last, and another year should make him one of the best in this section.



ALEJANDRO REYES—*Guard and Forward—1st Year*

Alejandro, better known as "Baby," enrolled at mid-term. He was another who could not get quite enough playing time to letter. A quick shot, a good guard, his tricky plays, and flash make him a desirable man at any position.



EARL PERSER — *Forward — 1st Year*

Entered at mid-term, and comes from the Panhandle. He promises to be a very capable forward for the coming year. Characteristic of his work was his left-handed short, and it will make him a hard man to cover next year.

GALE TOLBERT—*Manager*

One of the few managers who showed up for practice sessions. A hard worker, and a great help to coach and team, his efforts to improve unfavorable conditions were truly appreciated.

The 1934 Basketball Season

The Mines basketball team played a schedule of twenty-four games, winning only six during the season.

We all admit a very poor record, but considering the circumstances under which the team and coach had to contend with, much more could not have been expected from them.

These facts have not been brought before the student body, the basketball fans, or the team's supporters. This is in no way an alibi for the team's poor display of their basketball ability, but it is no more than fair to the coach and the men who put their interest and efforts in an attempt to place Miners high in the basketball field and who earnestly tried to develop a winning team, that existing conditions be mentioned.

This was the first year that Mines possessed its own gym, and in years to come it will help greatly in developing players and teams. Due to the fact that this gym was not completed until late in the fall, and equipment such as baskets were not installed until around the first of the year, the team was handicapped from the start.

The first road trip, undertaken the early part of January in New Mexico, found the players in poor condition, and some of the better players were left at home in order to make up neglected work in their studies.

Illness to several of the players, and inability of others to make their grades necessitated changes in the lineup through-out the entire season. One man, a capable center with height, would have made the Mines Team a much more formidable outfit. Practically every team played controlled the tip off, and had the advantage under the baskets, because of the lack of such a player by the Miners. This was the biggest handicap the Muckers faced this year.

All in all, the season was not successful, but each and every failure was a result of an unavoidable cause.

Next season with an early start, and a number of the squad coming back as improved players, due to the excellent coaching of J. B. Andrews, the basketball team should be able to avenge the defeats of this past season, and rank foremost among the teams of this section. With all the prospects looking good, and the advantages in our favor, let us forecast a successful basketball season for next year.

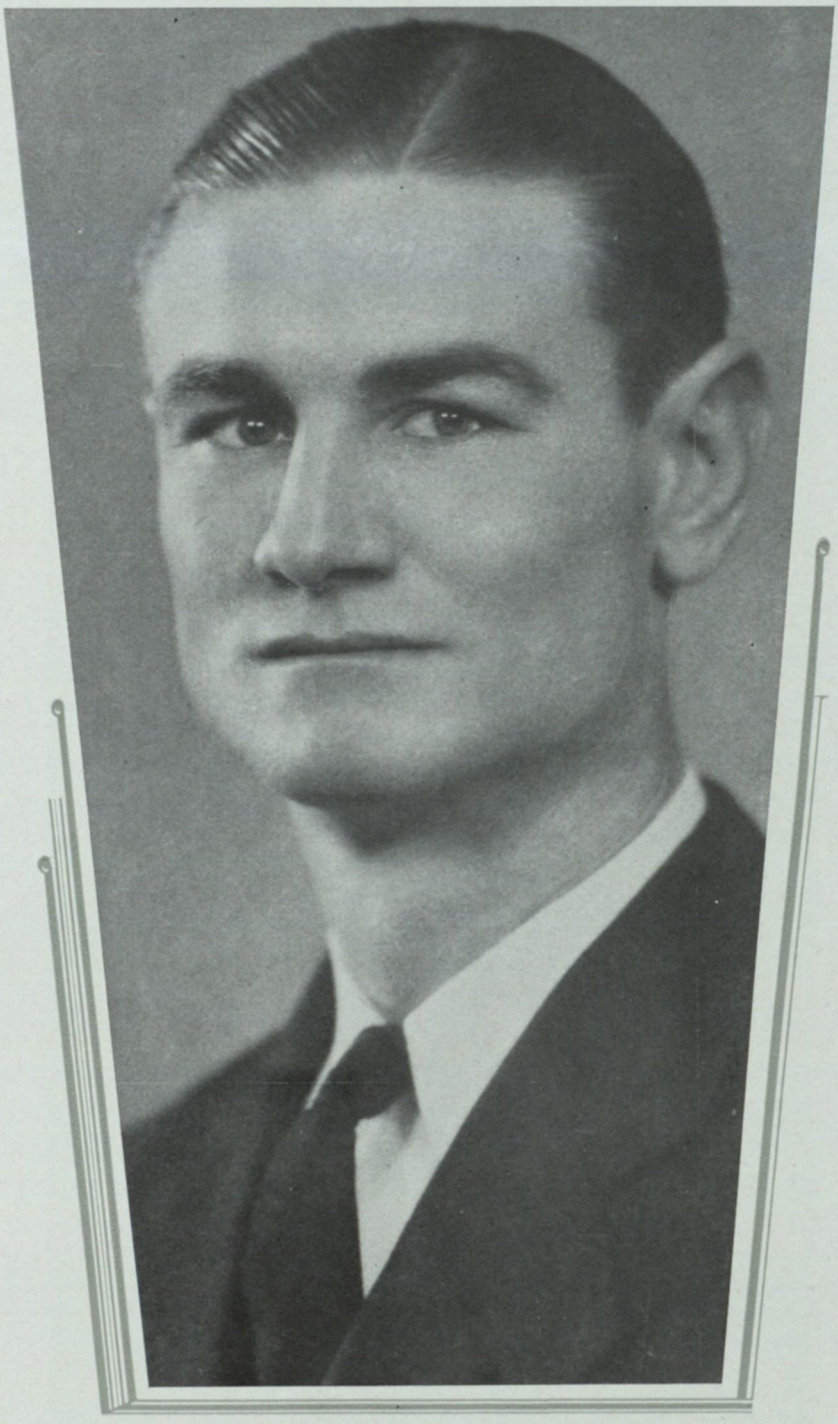
Forerunner of new systems of power transmission,—the grid glow tube. The principle of the tube is that an immeasureably small current on the grid can control power a hundred million times greater. The tube can handle 900,000 watts, 180 amperes at 5000 volts, and is extremely sensitive to control.

IT

VIRGINIA
KING
School Beauty

MARGARET
STANSBURY
Beautiful Co-Ed

AL WILLIAMS—*Most Popular Man*



"CHULE" MILNER—*Best All-Around Athlete*

MARY WHITE
All Mines Girl

NELL TRAVIS
Most Popular
Co-Ed

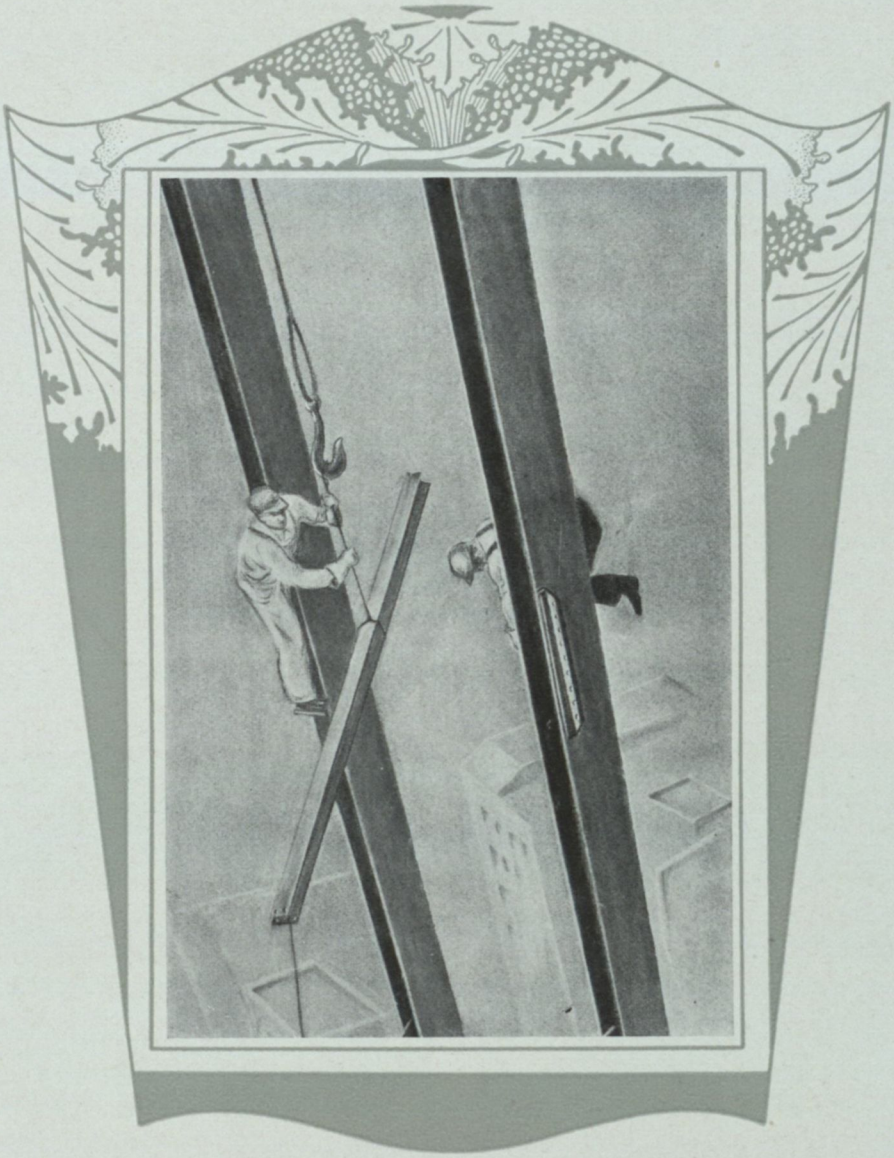
Gretchen Reinemund

Grace Knox

Mary Lee Abdou

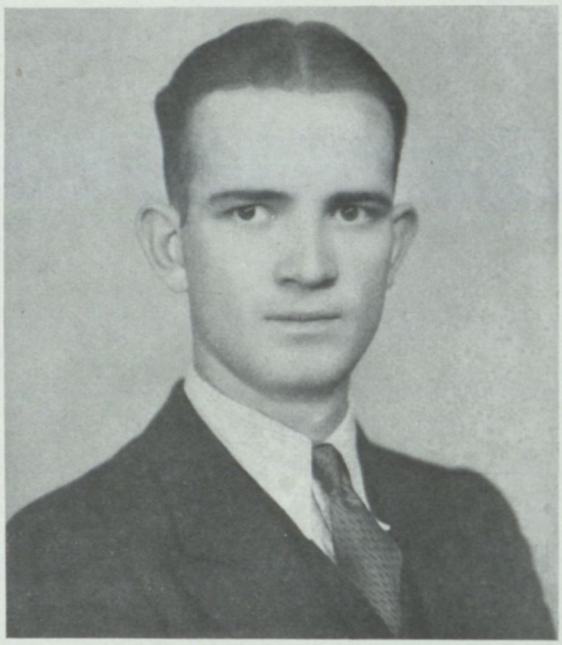
Pearl Louise Wooldridge

Ellen Hoard



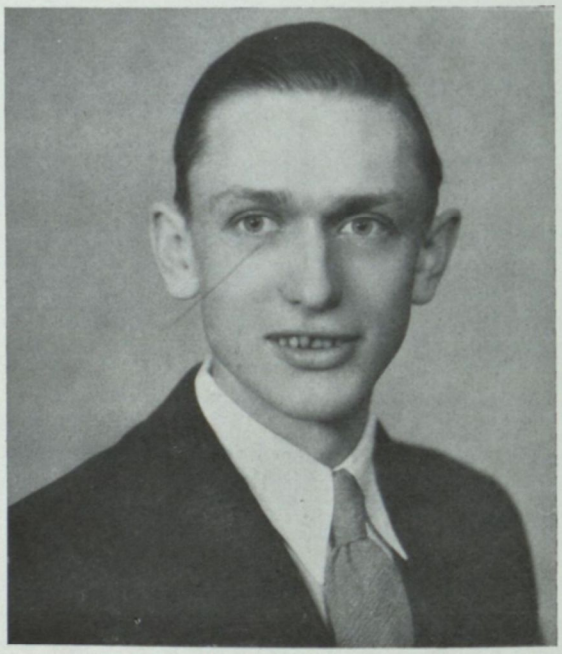
Another type of work for which we depend upon the construction engineer, is the planning of great skyscrapers which form the modern skyline of our great cities.

PUBLICATION EXECUTIVES



BERNHARD V. MACK, JR., *Editor Flowsheet 1933 and 1934*

NORMAN HIGHFIELD
Business Manager Flowsheet and Prospector



HAROLD SONNICHSEN
Editor Prospector

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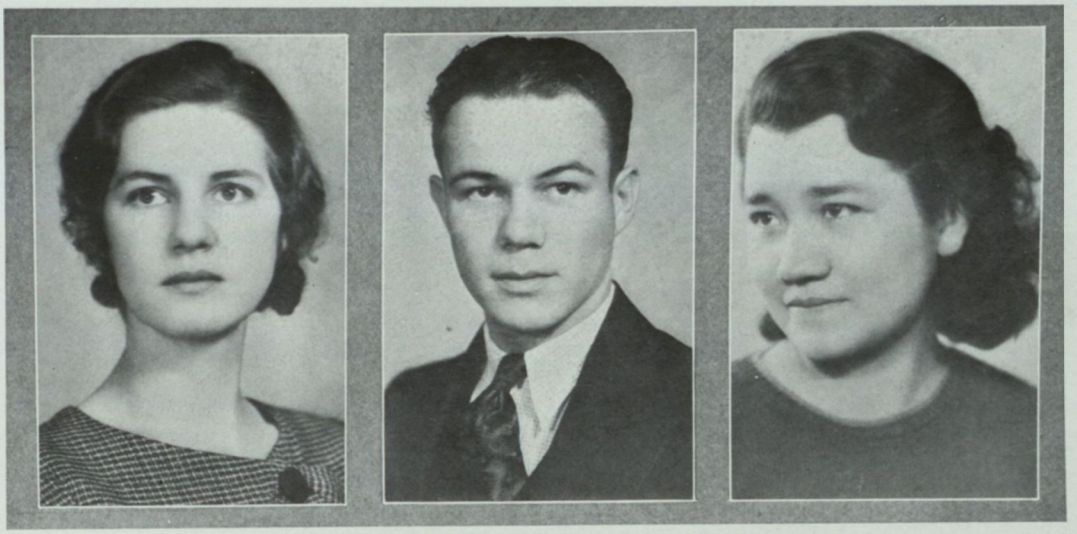

BETTY BRAND ALFREDO ARGUELLES ANGELA ORNELAS

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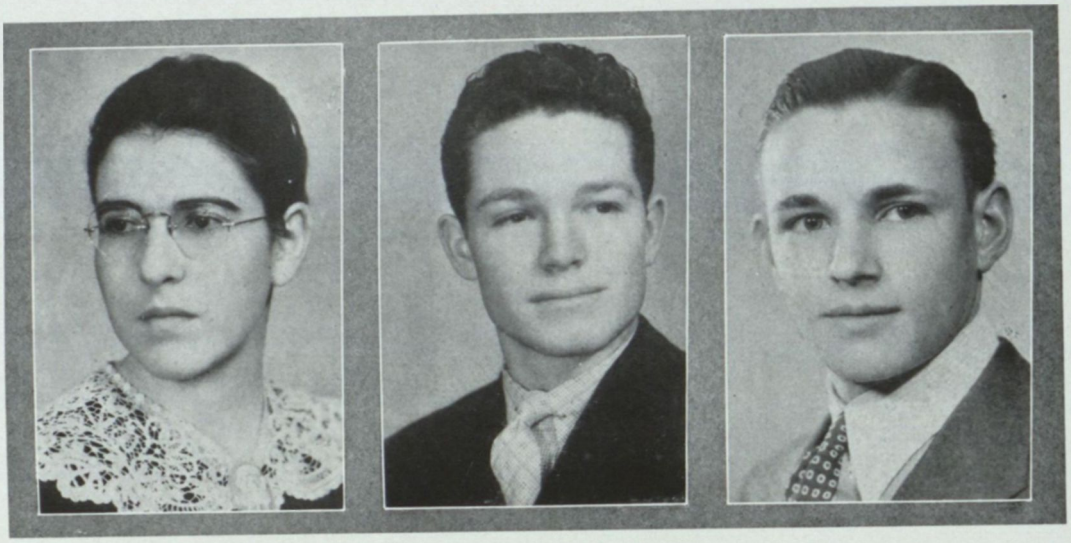

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Mary Lee Abdou

J. B. Billard, Elecia Fryer, Betty Olmsted, Woodrow Leonard, Mary Lee Abdou, Frances May, Turrentine Jackson.

BROOKS TRAVIS
President Students' Association

EXECUTIVE COUNCIL

Virginia King, Paul Hutchins, Jack Jones, Gordon Bulger, De Rheta Alderman, Bob Estes, L. D. Liles, Gale Tolbert

OFFICERS

President ..... BROOKS TRAVIS
Vice-President—First Term ..... PAUL HUTCHINS
Vice-President—Second Term ..... ERIC BYMARK
Secretary-Treasurer ..... VIRGINIA KING

Senior Class

L. D. Liles — Robert Estes

Junior Class

Gale Tolbert — Jack Jones (Second Term)
Eric Bymark (First Term)

Sophomore Class

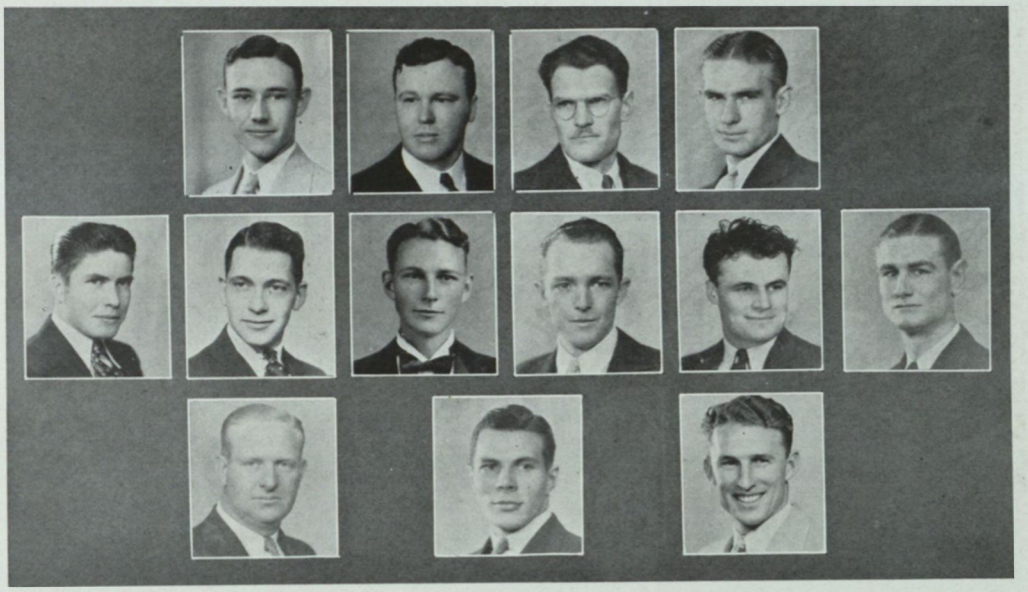
Howard Cox — Virginia King

Freshman Class

Gordon Bulger — De Rheta Alderman

The Executive Council is the representative assembly of the college. Two representatives are elected by class assemblies, and the President and the Vice-President of the Student Association are ex-officio officers of the Council. It is the duty of the Executive Committee to handle all the finances of the student body and to consider matters pertaining to the student body's welfare. The Council holds the governing power over the Student Body.

ALPHA PHI OMEGA FRATERNITY



Bob Estes, L. D. Liles, Max Crawley, Joe Heuser, Will Hamlyn, Bob Swain, B. O. Johnson, Jim Cady, George Krutilek, "Chule" Miller, Colvin McLaren, Woody Leonard, Brooks Travis

Alpha Phi Omega, the oldest organization on the campus of the College, celebrated its fifteenth birthday by entertaining representatives from Chi chapter of Theta Tau early this spring.

In student activities, the reputation of Alpha Phi Omega speaks for itself. A great number of offices in the Student Association have been for many years held by members of the fraterntiy. The fraternity is well represented on the athletic field. Smokers, banquets, picnics and other informal gatherings supply the correct social atmosphere.

Membership is composed mainly of engineering students, the purpose of the fraternity being to maintain a close connection with the engineering world.

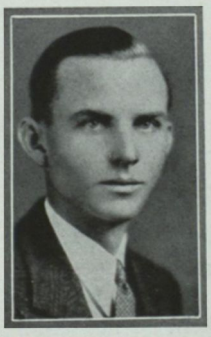
THE CHAPTER ROLL

OFFICERS

Worthy Keeper of the Inner Temple ..... L. D. Liles
Worthy Prelate ..... Max Crawley
Worthy Scribe ..... R. A. Estes
Worthy Keeper of the Exchequer ..... Al Williams
Worthy Guardian of the Gate ..... Walter Milner
Faculty Sponsor ..... Prof. E. M. Thomas

ACTIVE MEMBERS

Wilfred Hamlyn	Robert Swain
Julius Heuser	Brooks Travis
James Cady	Joe Hart
Charles King	George Krutilek
B. O. Johnson	Tom Eady
Colvin McLaren	Woodrow Leonard



Prof. Thomas
Sponsor

SCIENTIFIC CLUB

OFFICERS

President ..... Robert Estes
Vice-President ..... Joe Heuser
Secretary-Treasurer ..... Woodrow Leonard
Sergeant-at-Arms ..... Bernhard V. Mack
Sponsor ..... Professor Graham

Class Representatives

Senior ..... Al Williams
Junior ..... Charles King
Sophomore ..... Wilfred Hamlyn

MEMBERS

All Sophomore, Junior and Senior Engineering Students.

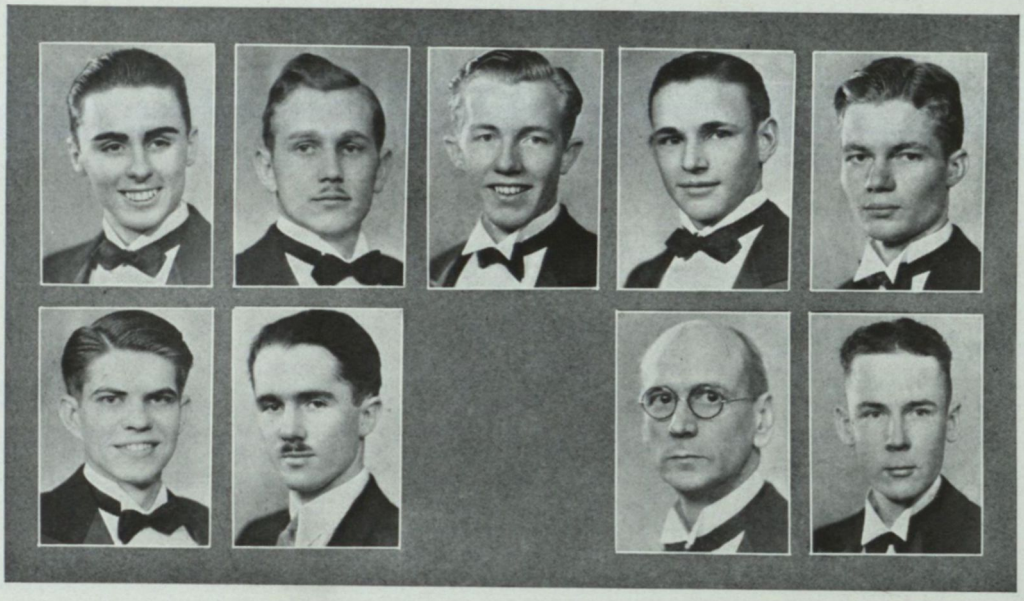
The Scientific Club is the second oldest organization on the campus of the College of Mines. It is open to members of the Sophomore, Junior and Senior Engineering classes. A Board of Directors, composed of the officers and a representative from each class, govern the policies of the organization.

The club is affiliated with the American Institute of Mining and Metallurgical Engineers and holds a joint meeting with the El Paso Section of this organization once each spring.

One of the major phases of college activities, the upholding and observing of school traditions, is sponsored by the club. These various traditions include the annual Hard Luck Dance, St. Pat's Picnic and M-Day.

In order to gain a closer contact with the engineering world, monthly banquets are held by the club. Men prominent in the fields of Mining, Metallurgy, Geology and other technical lines are guest speakers on these occasions.

THE DeMOLAY EXEMPLARS



Turrentine Jackson, H. L. McCune, Jr., Wray Jonz, Jack Jones, Lee Metcalf, Harold Tillman, Paul Hutchins, Prof. Durkee, Irving McNeil

OFFICERS

President ..... WRAY JONZ
Secretary-Treasurer ..... W. JACK JONES
Faculty Advisor ..... PROF. P. W. DURKEE

MEMBERS

Irving McNeil	A. O. Wynn	Paul Hutchins
Lee Metcalf	Harold Tillman	H. L. McCune
Harold Naylor	Turrentine Jackson	

The DeMolay Exemplars was formed on the campus of the Texas College of Mines seven years ago by a group of DeMolays. This was the first chapter of Exemplars in the world. It is an inter-fraternal social organization composed of DeMolay members and past-members only.

Being inter-fraternal in nature, the Exemplars clash with none, but support everything that is for the welfare of the College and the student body.

This organization prides itself on being the most active one on the campus. It has carried out a very colorful social year.

OMEGA PHI DELTA

Betty Graves, Marjorie Williams, Caroline Coles, Betty Clifton, Annie Lou McClure, Doris Miller, Doris Durham, Myra Morris, Jean McGhee, Nell Travis, Irby Kistenmacher, Leslie McKinney, Josephine Alton, Nadine Hale, Marjorie Moore, Virginia King, Emily Fruit, Martha Bottoroff

OFFICERS

President ..... MARY WHITE
Vice-President ..... ANITA WALTERS
Secretary ..... JOSEPHINE ALTON
Treasurer ..... VIRGINIA KING

The Omega Phi Delta Sorority, which is the oldest sorority on the campus, was founded on March 18, 1925, by Mrs. Kenneth MacCallum.

Mrs. Raymond D. Lorenz is faculty sponsor. Patronesses are Mrs. John W. Kidd, Mrs. Kenneth MacCallum, Mrs. Lawrence Stevens and Mrs. Howard Quinn.

Omega Phi Delta is primarily a social organization, but takes an active part in other phases of campus activities. The Omega Phi's gained campus recognition by the selection of three of their number in the Flowsheet contests. Virginia King was voted most beautiful co-ed, Nell Travis, the most popular and Mary White, All Mines Girl.

MARY WHITE
President

MEMBERS

Mary White
Anita Walters
Josephine Alton
Virginia King
Dorris Miller
Betty Graves
Jean Mary McGhee
Annie Lou McClure
Caroline Coles
Irby Kistenmacher
Marjorie Moore
Myra Morris
Martha Bottoroff
Leslie McKenney
Marjorie Williams
Nadine Hale
Betty Clifton
Emily Fruit
Doris Durham
Nell Travis

MRS. LORENZ
Sponsor

PI EPSILON PI

Margaret Stansbury, Tess Herlin, Catherine Sheehan, Gretchen Reinemund, Helen Keller, Marjorie Klein, Helene Hubbard, Ruth Stansbury, Ann McCarthy, Ruth Riggs, Betty Sheehan, De Rheta Alderman, Pearl Louise Wooldridge, Jane Whitlock

OFFICERS

President ..... JANE WHITLOCK
Vice-President ..... MARGARET STANSBURY
Secretary-Treasurer ..... HELENE HUBBARD
Sponsor ..... MRS. I. K. FINEAU

MEMBERS

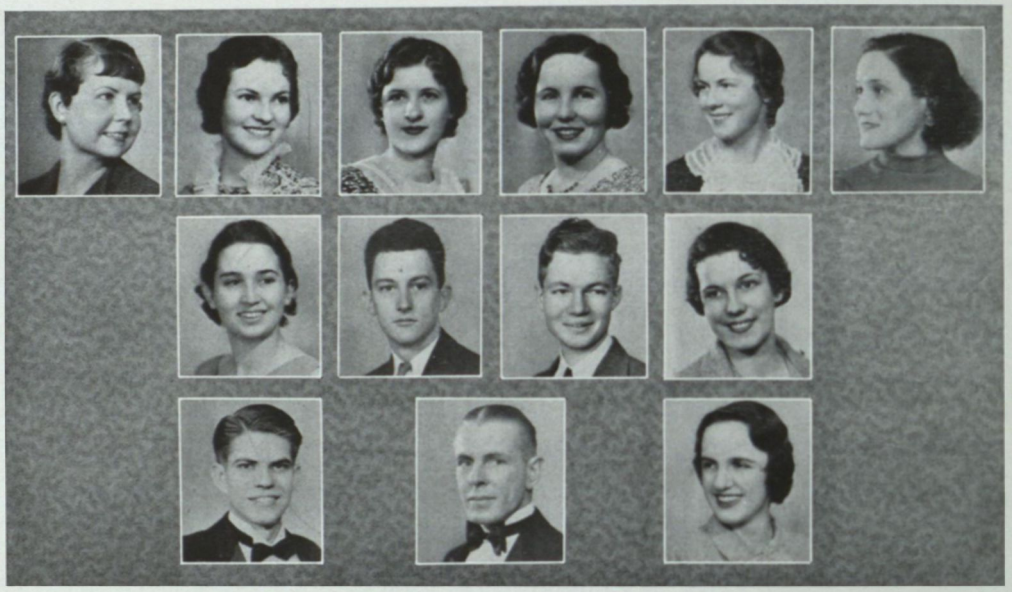
Rita Alderman
Billie Andreas
Rose Wilson
Pearl Wooldridge
Betty Sheehan
Margaret Monroe
Alice Brunner
Tess Herlin
Frances Lewis
Barbara Parker
Helen Keller
Marjorie Klein
Sally Hill

PLEDGES

Catherine Sheehan
Ruth Stansbury
Ruth Riggs
Ann McCarthy
Gretchen Reinemund
Jane Cooley
Jean Hicks

MRS. FINEAU
Sponsor

COLLEGE PLAYERS



Zora Kilgore, Myra Morris, Marjorie Moore, Evelyn Lincoln, Eleanor Lyles, Mary Lee Abdou, Irby Kistenmacher, Lee Ivey, Lee Metcalf, Doris Miller, Harold Tillman, Joe Sides, Gretchen Reinemund

OFFICERS

President ..... JOE SIDES
Vice-President ..... BETTY OLMSTED
Secretary-Treasurer ..... ELECIA FRYER

MEMBERS

Mary Lee Abdou
Leonard Chant
Elecia Fryer
Emily Fruit
Mary Louise Harlacker
Louis Hawley
Harold Heisel
Wanda Heisel
Norman Highfield
Sally Hill
Paul Hutchins
Lee Ivey
Turrentine Jackson
Jack Jones
Ralph Jones
Wray Jonz
Zora Kilgore
Virginia King
Irby Kistenmacher
Eleanor Lyles
Evelyn Lincoln
Leslie McKinney
Irving McNeil
Lee Metcalf
Doris Miller
Jack Moore
Myra Morris
Charles Newman
Roxby Oliver
Betty Olmsted
Getchen Reinemund
Ruth Riggs
Alan Sharp
Joe Sides
Jean Stevenson
Edna Louise Taylor
Harold Tillman
Argyra White
John Woods
Andrew Zeller

COLLEGE PLAYERS

Wray Jonz, Betty Olmsted, Leslie McKinney, Turrentine Jackson, Emily Fruit, Paul Hutchins, Virginia King, John Woods, Jack Jones, Louis Hawley, Ralph Jones, Jean Stevenson, Elecia Fryer, Mary Briggs

The College Players is purely a dramatic organization first established in 1929. Since that time its membership has grown and it has become well-known throughout the Southwest.

Each year in the past has been a big one for the College Players, but in the year of 1933-1934, they have accomplished perhaps more and have been more active than ever before. Membership has increased and their work has been outstanding.

Under the excellent direction of the sponsor, Mrs. W. H. Ball, the Players have reached heights heretofore unattained.

The first play "Dulcy," by George Kaufman and Marc Connelly, started the season off with flying colors. The next major production was "Children of the Moon," a type of play that had never before been attempted.

In a one-act play tournament, sponsored by the Chancel Guild of the First Presbytērian Church, the Players received first place with their offering of "The Undercurrent" while first honors for the best girl performance went to Betty Olmsted, and for the most outstanding male characterization to Harold Heisel.

CO-ED ASSOCIATION

Myra Morris, Gretchen Reinemund, Jane Whitlock, Mildred Farra, Helen Keller, Tula Gates, Mary White, Virginia King, Pearl Louise Wooldridge, Nell Travis, Betty Brand, Blanche Burns, Ruth Stansbury, Eleanor Lyles, Elecia Fryer

The Co-Ed Association, composed of all women students on the campus, had a very active year. Instead of initiating the "slimes" at Slime Gulley, they were required to give stunts for the Co-Ed "Hi-Jinx."

One of the most outstanding events of the Mines' social calendar was the Annual Co-Ed Dance. The Council hopes that the tea, which it gave for the Co-Eds and Faculty, will be an annual affair.

Furnishing the lunch for "M" Day, serving the Faculty and Scientific Club Banquets, and helping with "Inter-scholastic" and High School Days, are some of the ways the Co.-Eds have made themselves useful. The Association is refurnishing the girls' recreation room in Kelly Hall.

OFFICERS

Spring		Fall
Eleanor Lyles	*President*	Helen Keller
Mildred Farra	*Vice-President*	Eleanor Lyles
Tula Gates	*Secretary*	Nell Travis
Margaret Stansbury	*Treasurer*	Margaret Stansbury

COUNCIL

Spring		Fall
Betty Brand	*Senior*	Betty Brand
Grace Sneed		Jane Whitlock
Blanche Burns	*Junior*	Mildred Farra
Anita Walters		Elecia Fryer
Mildred Biggerstaff	*Sophomore*	Mildred Biggerstaff
Virginia King		Virginia King
Myra Morris	*Freshman*	Tula Gates
Gretchen Reinemund		Gretchen Reinemund
Mary White	*Sorority*	Mary White
Jane Whitlock		Pearl Louise Wooldridge
Dean of Women		Mrs. Lena Eldridge

Mrs. Eldridge
Sponsor

"M" CLUB

BACK ROW: S. Cresap, L. D. Liles, A. Washburn, T. Hernandez, H. Cox, J. Hart.
MIDDLE ROW: Berte R. Haigh, G. Krutilek, G. Tolbert, G. Pou, W. Milner.
FRONT: ROW: H. Mayhew, W. Wilson, A. Wilkenfeld, C. Weaver, T. Eady.

OFFICERS

President ..... WALTER MILNER
Vice-President ..... GEORGE KRUTILEK
Secretary-Treasurer ..... CARROLL WEAVER

SPONSORS

HARRY PHILLIPS ..... MACK SAXON

MEMBERS

Lindy Mayhew	Carl Duffel
Tom Eady	Tony Hernandez
Howard Cox	Allen Wilkenfeld
Brooks Travis	L. D. Liles
Garvice Pou	Al Williams
Al Washburn	James Daross
Gale Tolbert	Berte Haigh
Clarence Walker	Woodrow Wilson
Sam Cresap	Joe Hart

The "M" Association is composed of all men who have earned their "M" in any major sport. The purpose of the organization is to sponsor and foster athletics of all types. All wearers of the coveted "M" up to January 1, 1933 are considered charter members, and those earning their letters after that time are initiated into the association at the end of each school term. The "M" Association co-operates with the athletic council in every way and the annual Home Coming arrangements are taken care of by this group. The wearers of the "M" represent the highest type of men found on the campus and their exploits in the fields of sport are unrivaled in the Southwest.

LATIN-AMERICAN CLUB

BACK ROW: R. Abrego, L. Quintana, E. Arguelles, R. Revilla, C. Revilla, L. Garcia, A. Gavaldon, T. Ornelas.
MIDDLE ROW: M. Navarro, A. Navarro, E. Saldivar, R. Soto, O. Montanez, A. Quijada, F. Sanchez,
FRONT ROW: E. Peinado, A. Arguelles, A. I. Ornelas, F. Paredes.

OFFICERS

President ..... ALFREDO ARGUELLES
Vice-President ..... EMILIO PEINADO
Secretary-Treasurer ..... ANGELA I. ORNELAS
Sponsor ..... MRS. ISABELLA K. FINEAU

The Latin American Club was organized in the Fall of 1927 under the sponsorship of Mrs. Isabella K. Fineau for the purpose of unifying the Spanish-speaking students of the College of Mines, encouraging the use of correct Spanish, and promoting interest in the history and literature of the Hispanic nations.

From a charter membership of nine, the club's enrollment has steadily increased until now it boasts a total membership of thirty-three.

The club has enjoyed various social activities during the past year, prominent among them being several banquets and a picnic at Hueco Tanks.

MEMBERS

Alfredo Arguelles	Tony Hernandez	Emilio Peinado	Carmen Alvarez
Rafael Abrego	Alberto Gavaldon	Fernando Alvarez	Josefina Escajeda
Alberto Navarro	Efren Saldivar	Jose Martinez	Lorenzo Quintana
Celso Revilla	Octavio Montanez	Lugardo Garcia	Delta Rodarte
Roberto Revilla	Alejandro Reyes	A. A. de la Torre	Amador Quijada
Raul Soto	Charles H. Bond	Felipe Paredes	Francisco Sanchez
Manuel E. Lopez	Trinidad Ornelas	Angela I. Ornelas	Daniel Carreon
Moses Navarro	Oscar R. Vertiz	Rebecca Vasquez	

FORENSIC SOCIETY

Evelyn Lincoln,
Gordon Bulger, Myra Morris, Ralph Jones, Josephine Alton, Paul Hutchins

The Forensic Society of the Mines has a short history but, an active one. Under the sponsorship of Mrs. W. H. Ball Forensic was organized in 1930. During that year various groups debated at Albuquerque with the University of New Mexico team; again in Silver City with the Teachers' College and at Las Vegas, New Mexico, with the Normal College teams.

During the fall and spring terms of 1932 and 1933, Mrs. Ball took Reymond Taylor, Evelyn Lincoln and Carl Parker to Silver City, N. M., where they were victorious on the question of "Tariff." The same year, Reymond Taylor and Carl Parker met Occidental College in a no decision debate.

We feel that 1933 was also a big year for our organization. During April of this year we went to Abilene and placed in the finals of a Southwestern College Contest, which was sponsored by Abilene Christian College and Simmons University.

But, the year 1934, is our year in history. Forensic sponsored an oratorical and extemporaneous contest which was open to the entire school, for the purpose of getting contestants for the Pi Kappa Delta Contest held in Durant, Oklahoma. Winners in the field of oration were Evelyn Lincoln, in oration; Josephine Alton, in extemporaneous speaking; Henry Forbes and Ralph Jones, in men's oration; and Wanda Howard in women's extemporaneous speaking. These five contestants went to Durant, March 8th, a most fruitful trip for the contestants and the College of Mines.

Evelyn Lincoln won first place in women's oratory, against contestants from six states. Ralph Jones went to the finals in men's oratory, and Wanda Howard went to the final rounds in extemporaneous speaking. This trip made the group eligible to a chapter of Pi Kappa Delta, National Speech Arts Fraternity, which we hope to get next year. Evelyn Lincoln, by winning first place in an interstate contest, was made a member of the general chapter, with the degree of honor, which is the highest degree offered. With the material for a national chapter, we hope to see an increase in the speech arts field next fall.

OFFICERS

Evelyn Lincoln ..... *President*
Josephine Alton ..... *Secretary*
Ralph Jones ..... *Treasurer*

MEMBERS

Wanda Howard	Evelyn Lincoln
Josephine Alton	Myra Morris
Ralph Jones	Gordon Bulger
Henry Forbes	Paul Hutchins
Charles Newman	Mrs. W. H. Ball, *Sponsor*

THE GOLDDIGGERS

Gretchen Reinemund, Virginia King, Myra Morris, Nell Travis, Caroline Coles, Eleanor Lyles

OFFICERS

FALL TERM		SPRING TERM
ELEANOR LYLES	*President*	GRETCHEN REINEMUND
NELL TRAVIS	*Vice-President*	VIRGINIA KING
GRETCHEN REINEMUND	*Sec.-Treas.*	CAROLINE COLES
	Historian	MYRA MORRIS

SPONSORS

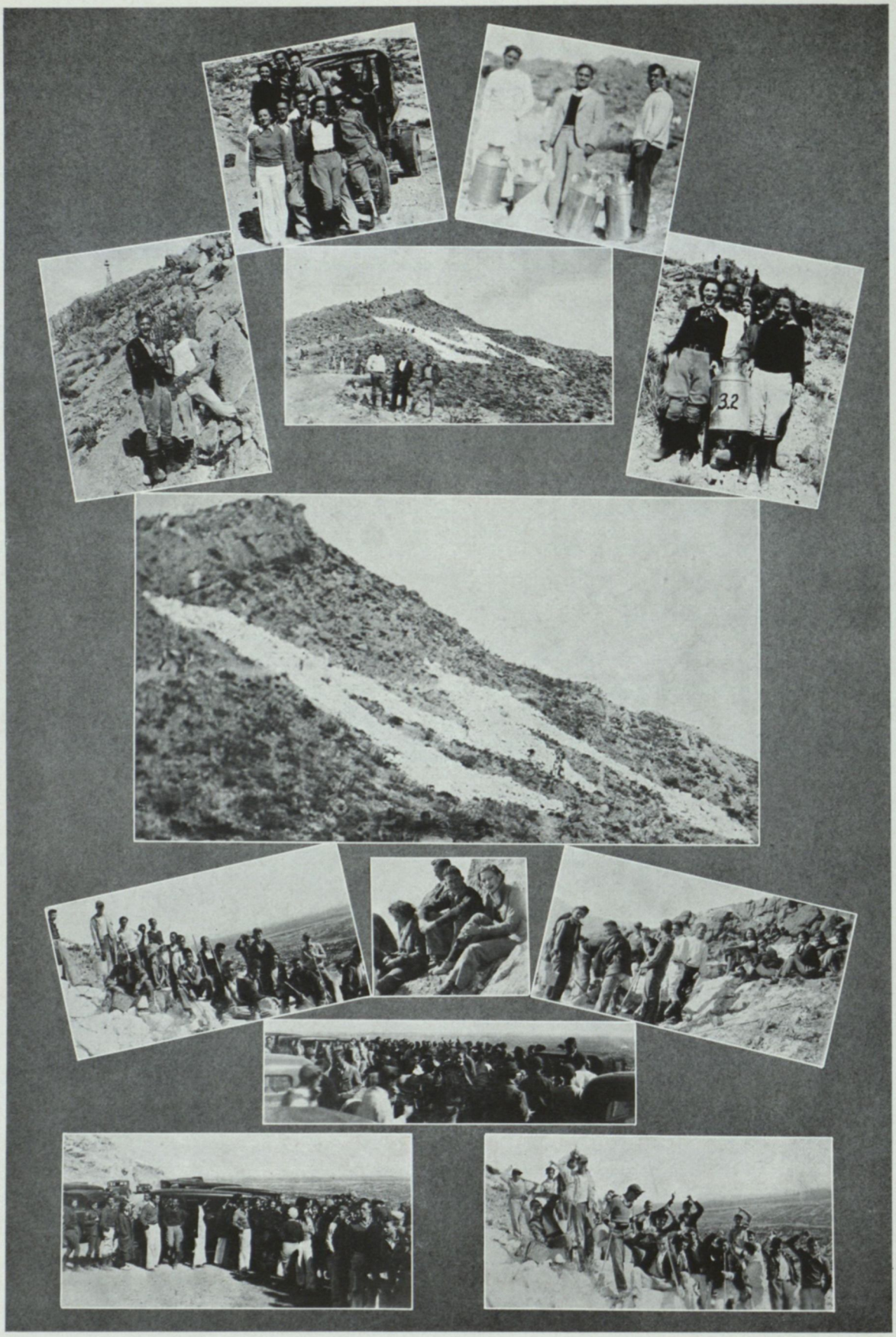
MISS NORMA EGG
MISS GLADYS GREGORY

MISS EGG
Sponsor

Through the aid and backing of Mrs. B. F. Jenness, the Golddiggers were organized for the purpose of creating interest in the campus activities of the College of Mines. Numbering among their activities a benefit bridge party, appearance at the Mines-Simmons football game in their clever orange and white felt caps, ushering for the Chevrolet Automobile Show, a tea for the new girls at Mid-term, and assisting with the sale of basketball tickets for the College of Mines Athletic Fund, The Golddiggers hope to continue their work next year as the most active organization on the campus.

MISS GREGORY
Sponsor

One step in the most beautiful operation in the industrial world,—the making of window glass. These glowing cylinders of glass are sixty feet high.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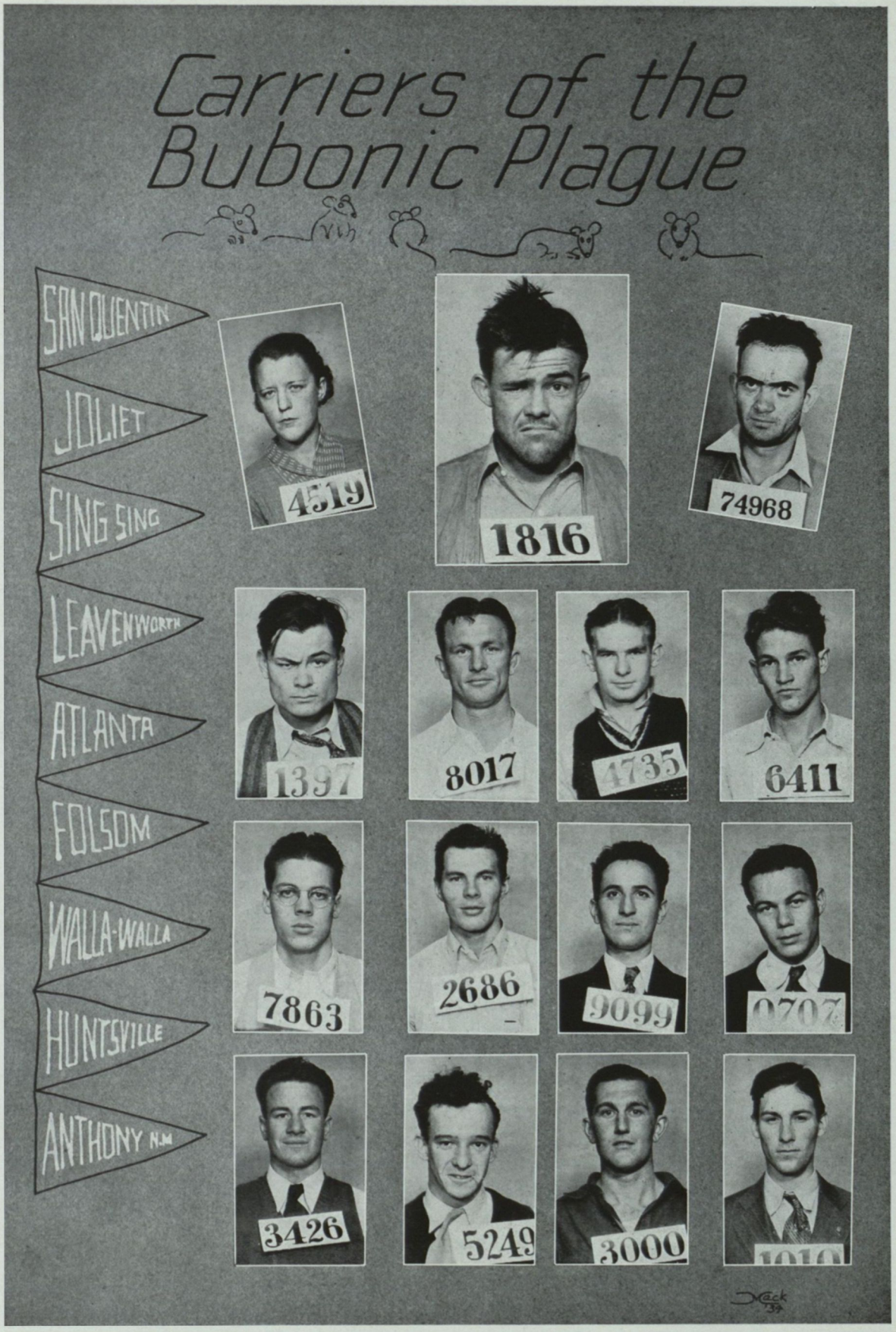
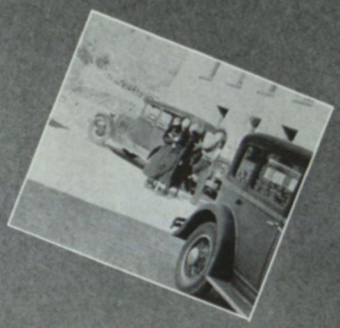
Carriers of the Bubonic Plague



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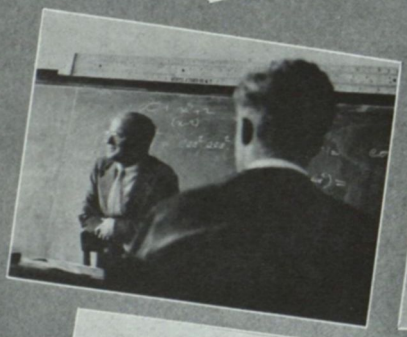
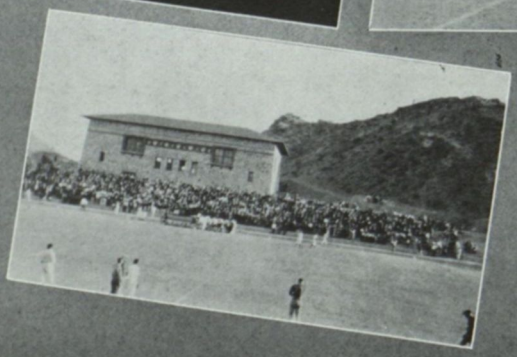
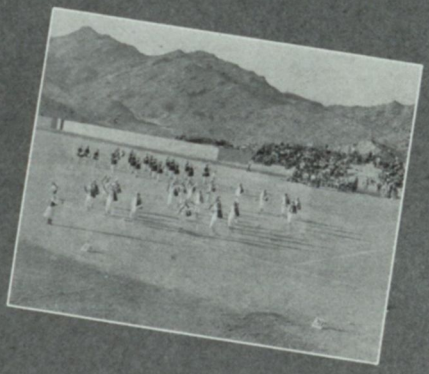




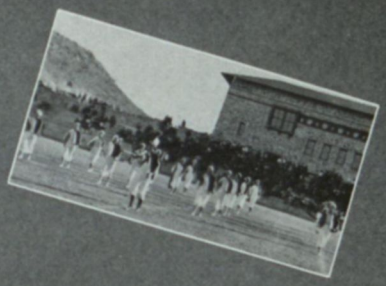


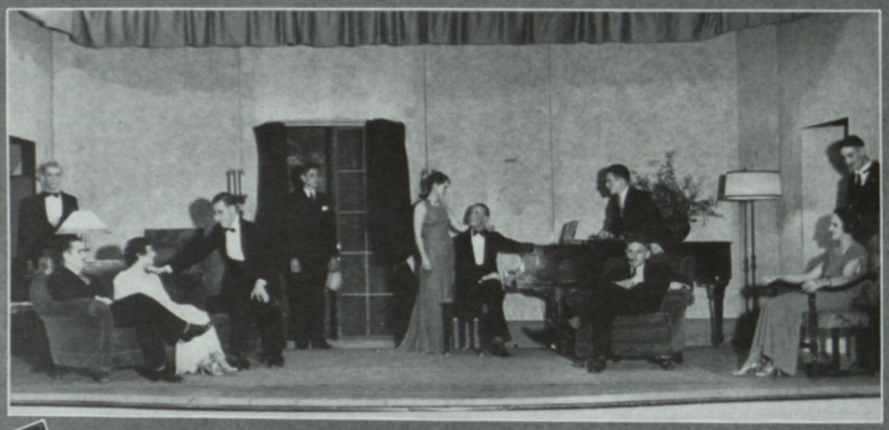


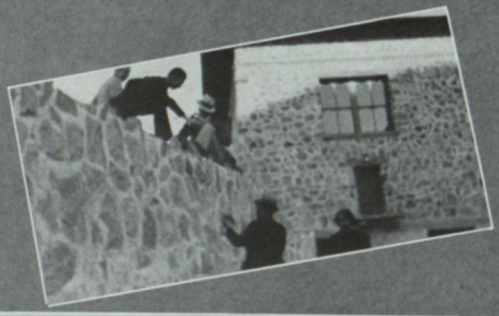


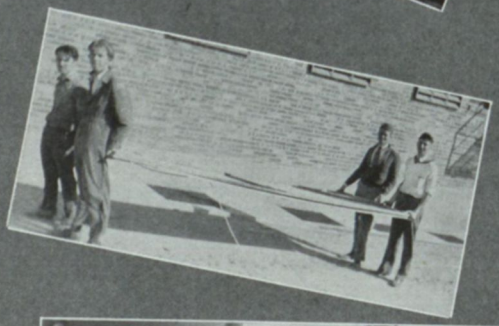







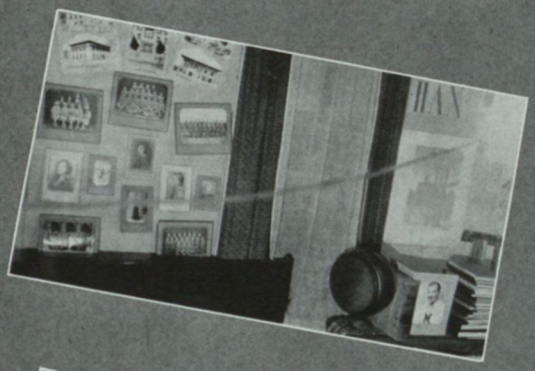













Souvenirs 19--?


1933


X-E-J's
B.
Announcer!


MINES
MINES


Tiny?


Dopes


Santa


This is the
Charlie Newman
Co-op
Session


Jimmy Field
Orchestra

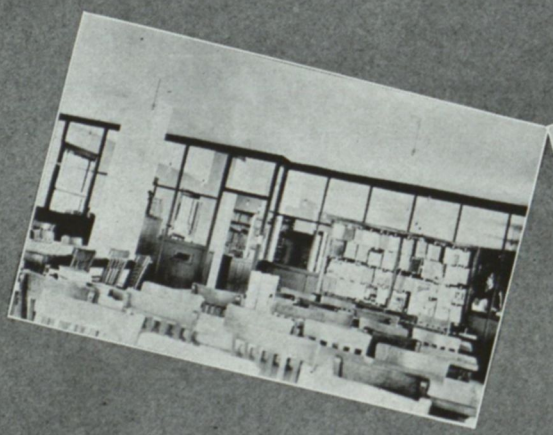

St Pat's

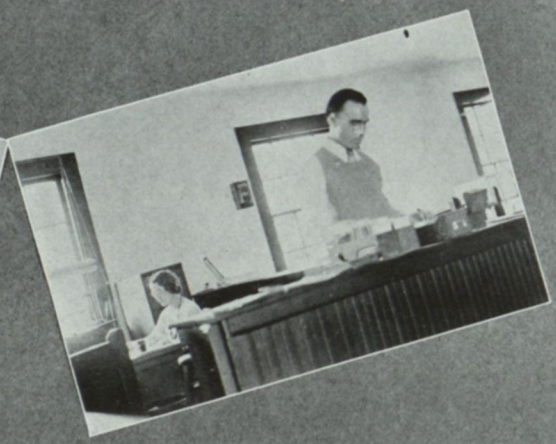

Trophies!


VOW


Perfect fit?


between Classes!





MEETIN' OF THE BORED!


OWF VEEDERSAIN
MEEEOWW!
"OH PAPPY!!" I've got BERLIN!
OWF VEEDERSAIN
Greg Mayor
A SONG IN OUR ("ART"?)
"ORCHIDS" BY A WATER FALL"---- OR — WE BOYS WILL HAVE OUR DAY SOON.
LET'S "GO BACK TO MY LITTLE GRASS SHACK," "PUDDIN' HEAD," AND JOIN THE "COED PARTY," WHADDA YA SAY---- HUNNN----?
NO! I'M NOT "IN THE MOOD" ----BESIDES-- "MY OLD MAN TOLD ME NOT TO.' AN' BESIDES
"IT'S THE ANIMAL IN ME!"
"I CAN'T GO ON LIKE THIS" ---- IT'S GETTIN' COLDER!
NUDE HAVEN COLONY
"THERE GOES MY HEART-"--- OR "SOMETHING."
FIND THREE FACULTY MEMBERS HIDDEN IN THE ABOVE PICTURE AND WIN A TRIP TO THE BORDER (IT'LL BE A RACE) [EDITORS NOTE]
Greg Mayor
"WHAT'VE WE GOT TO LOSE?"--"NOTHING."

The construction engineer is responsible for the clearing of snow-bound roads. These great dredges are a great boon to people who live in mountainous regions.

He: Do you think it's nice to sneak off into a dark corner and read risque stories?
She: Naw! It's too hard on your eyes.

• • •

"What would you do if you had five dates with a man and he never attempted to kiss you?"
"I'd lie about it."

• • •

Many a struggling clerk marries because he's tired of struggling.

• • •

"I have no confidence in men."
"Why not?"
"Every time I go to a wild party with some other boy I find my sweetie there with some other girl."

• • •

"Oh, Babe's all right—She'll do in a pinch."
"Yeah, but, man,—give me Nell in a grapple."

Joint Meeting of El Paso Metal Section and Scientific Club

Love—The delusion that one woman differs from another.

• • •

Don: Would a kiss be out of place?
Keefer: Not if you know your place.

• • •

"Is she hot?"
"No, but she's consistent."

• • •

Girls who wear cotton stockings are either over-confident or don't give a darn.

• • •

"I could go on kissing you forever."
"Really, and to think it was only yesterday that Father said you lacked application."

• • •

"I kissed her when she wasn't looking."
"What did she do?"
"She wouldn't look at me for the rest of the evening."

• • •

Kind Old Fellow: Don't worry, little flapper, you're no worse than your grandmother was.
Flapper: Yes! That's what makes me so furious.

He: (Boastfully) All the arms I've had around me would reach the moon.

She: Yes and all the lips that have tried to kiss me would drink it.

• • •

Max: "Was it crowded over at the Mex-Tex last night."

Mac: "Not under my table."

• • •

Nadine: "Do you always practice what you preach?"

Hamson: "I certainly do."

Nadine: "Oh, isn't that thrilling! I hear you're always preaching about sin."

• • •

Tom: "And when you go to the dance tonight will you wear the rose I gave you next to your heart?"

Mary: "I will if I wear something to pin it on.

• • •

Sugar Daddy—Now, come on and tell papa what sort of a line you hand your boy friends when they try to kiss you.

Pretty Baby—Usually the line of least resistance.

• • •

The modern co-ed isn't necessarily so concerned with what a man stands for as what he'll fall for.

• • •

Jean: "B. O. reads me like a book."

Marshall: "What's that on your neck?"

Jean: "Oh, that's a book-mark to show where he left off."

• • •

"I've got to go on a long trip and what wouldn't I give if you were going with me."

"Your right name."

• • •

"Has any girl ever been able to make you stop petting and pawing her?"

"Yes, one of them married me."

• • •

Dean: "What does this mean? I found a bottle of whiskey in your trunk!"

Joe H.: "That means you know whisky when you taste it."

• • •

"Boy, look at the curves on that baby."

"Yes, and does she look hot!"

"How would you like to take her for a ride?"

"Would I like to, and how."

"She's gone for a minute, but she'll be back."

(Voice from side): "All right, ten cents to ride on the roller coaster."

Brooks: "If we appear together around here too much, people will talk about us."

Alberding: "Suppose we disappear together then."

• • •

There's nothing strange in the fact that the modern girl is a "live wire." She carries practically no insulation.

• • •

"Let's have a kiss."

"Not on an empty stomach."

"Of course not. Right where the last one was."

• • •

Four girls were gathered discussing what they expected to do with their lives.

The tall, eager girl spoke first. "My dad's a physician," she said, "and I want to be like him. I'd like to have people call me Doc."

The mild-mannered girl in spectacles spoke: "I want to be like my father, and be called 'Reverend'."

The tanned, muscular girl looked at them and said: "My old man's a lawyer, and I'm out to earn the title of 'Squire,' too."

The fourth girl, an unusually thoughtful, ambitious looking person, sat in her corner and said nothing. The other girls rushed over to her. "Come on, now," they urged, "tell us what you want to be."

"I guess I won't want to be like my father," she answered. "You see, he's just an ordinary layman."

• • •

We may as well let it be known that some gay Lothario was seen coming into the Ware house at 6:00 a. m. We assume that the date was a good one.

• • •

Dear Son:

I just read in the paper that students who don't smoke make much higher grades than those who do. This is something for you to think about.

Love,
Father.

Dear Father:

I have thought about it. But truthfully, I would rather make a B and have the enjoyment of smoking; in fact I would rather smoke and make a C. Furthermore, I would rather smoke and drink and neck and make a D.

Love,
Son.

Dear Son:

I'll break your neck if you flunk anything.

Your Father.

A SUGGESTED TOAST

The great Southwest, where men are men, women are women, and both realize the difference.

• • •

Andy Z. confided to me that he had found the ideal thing right here in town the other day—quick on the pickup and slow on the brake.

• • •

"Curse it! Curse it!" hissed the villian, snatching at the fair maiden's waist.

" No, it ain't either," she retorted, "It's a girdle."

• • •

Bob Estes: "Do you do repairing here?"

Garage Owner: "Yeah, but we don't do manufacturing."

• • •

Cow-ed reports that an empty stocking may bring gifts on Christmas day, but a well filled one brings them any day.

• • •

It's fun to go on picnics these days, providing you can find a shady spot where the grass is green and the girl isn't.

• • •

Many parents never get to see the marks their daughters make at college.

• • •

"Father, you were born in California, you say?"

"Yes, my son."

"And mother was born in New York?"

"Yes."

"And I was born in Indiana?"

Yes, my boy."

"Well, father, don't it beat the Dutch how we all got together!"

• • •

"Here," said the salesman, "Is something we call the 'Lovers' clock.' You can set it so it will take two hours to run one hour."

"I'll take that," said Edith, "And now, if you have one that can be set so as to run two hours in one hour's time or less, I think I'd like one of that kind, too."

• • •

A bashful young couple, who were evidently very much in love, entered a crowded street car.

"Do you suppose we can squeeze in here?" he asked, looking at her blushing face doubtfully.

"Don't you think, dear, we had better wait until we get home?"

Hans B.: "So your mother says you must tell a man to stop when he tries to neck you?"

Frances: "Yes, she says that makes them ever so much more persistent."

"What does Co-ed stand for?"
"Crush On Every Date."
"What's the hyphen for?"
"Oh, that's the distance they keep when the Dean of Women is around."

• • •

"Harry surprised me by telling me that we're going to take our honeymoon in France."
"How nice; and how did he spring it on you?"
"He said as soon as we were married, he would show me where he was wounded in the war."

• • •

Some of our enterprising co-eds are so versatile in conversation that they are able to say, "Oh, yeah?" four or five different ways.

• • •

Sweet Young Thing: Young man, either remove your arm from around my waist or quit moving it—I'm no banjo.

• • •

Louise M.: "I'm an every-day sort of a girl."
Billy R.: "Yep, you drink every day, smoke every day, and pet every day."

• • •

Harold S.: But your Buick is only a two-passenger car.
Mary M.: That's all right—if they're well acquainted we can accommodate six.

• • •

Jack M.: "My girl's a good sport."
Grady M.: "Mine isn't so good looking, either."

• • •

Elizabeth B.: "I'll go riding with you if you promise not to run out of gas."
Jimmy: "Okay, if you promise not to run out of kisses."

• • •

Gale T.: "What's the secret of your success with men?"
June S.: "Say, my figure isn't a secret in this gown, is it?"

• • •

"Mary A. is studying foreign languages in preparation for her trip abroad this summer."
"Is she making any progress?"
"I'll say! She can already say yes in seven different languages!"

• • •

Hamlyn: "Boy, I'd like to have some good old fashioned loving."
Gyp: "O. K., come on out to the house—and I'll introduce you to Gramma."

Lee B.: "Honestly, I think a nice, sweet, innocent little girl like you should have the facts of life explained to her."
Ruth B.: "Oh, that's what everyone who explains them to me says."

• • •

Myra: "You're the first man I ever kissed."
Garvice: "I suppose you tell every man that?"
Myra: "No, only the men I kiss."

• • •

If, my son, a woman values your caresses above an unwrinkled ball gown, she loves you.

"My maiden aunt is a remarkable woman. She has the slender figure of a school girl."

"How does she do it? By taking bending exercises?"

"Yes, she looks under her bed night and morning."

• • •

1st Grad.: "How did you get your Master of Arts?"

2nd Grad.: "I got it from being a master of the art of drinking, the art of kissing, and the art of dancing."

• • •

Charlie K.: "You kiss me like that again and you'll be sorry."

Mildred O.: "Yes, sorry I didn't start doing it a month ago."

• • •

Gretchen: "Did you say I'm a kisser of the wicked variety?"

W. Wilson: "No, I said you're a kisser with a wicked variety."

• • •

Wray J.: "Statistics prove that ninety-nine per cent of the girls who join nudist camps are well built."

Frances J.: "Are you sure of that?"

Wray J.: "Well, figures don't lie."

• • •

A. O. W.: "Honey, you made a big mistake by letting Jack fool around with the straps on your bathing suit."

Jeanne H.: "Yes, it was my undoing."

• • •

Jeanne: "If you had your choice of all the men on the campus, which one would you prefer?"

Zora: "The one who could get there quickest."

• • •

"How in the devil does a girl in a nudist colony pocket her pride?"

• • •

Lee M.: "Do you know any foreign tongues?"

Bob F.: "No, I only go out with American girls."

• • •

Wilma: "How about appearing as Lady Godiva at the Costume Ball?"

Frances K.: "Oh, I couldn't. I'd be embarrassed to death."

Wilma: "You mean you'd be ashamed to expose yourself?"

Frances: "Oh, no, I mean I don't know how to ride a horse."

Cotton: "After all, darling, kissing is no killing matter."
Annie Lou: "Oh, yes, it is. The way you kiss is killing all my inhibitions."

• • •

Jeanne: "Until I said no to his proposal, my boy friend was all steamed up about me."
Bill M.: "I suppose that cooled him off."
Jeanne: "No, it burned him up."

• • •

Clarence W.: "I'd give my right arm for a girl like you."
Mary K.: "Sorry; I want a man who'll give me both his arms."

• • •

Ellen D.: "Kissing is great fun; there's no two ways about it."
Jack M.: "No two ways! Honey, there are at least a hundred and fifty!"

• • •

Harrison H.: "Baby, would you like to see me do a few sleight-of-hand tricks?"
Nadine H.: "No; I expect you to behave like a gentleman."

• • •

Argyra: "I took a bath last night before three men."
Alan: "Gracious, weren't you ashamed?"
Argyra: "Yes, Dad and my two brothers were all waiting to take theirs."

• • •

Jean: "Last night I told my husband all about my past."
Alan: "And what did he say?"
Jean: "That he wished he'd known me sooner."

• • •

Charles N.: "Have you a book called 'Man, the Master of Women'?"
Nell: "You'll find fiction on the third shelf back."

• • •

Dedicated to Prof. A. E. Null:

Admire the doughty Ph. D.
Who teaches Harlacker history
Personally I would hate to be
Turned loose with Mary frequently
In the sixteenth century.

• • •

Major: "How many co-eds do you think there are in that crowd?
Miner: "Nineteen."
Major: "How do you know so quickly?"
Miner: "Count the legs and divide by two."

Ellen: "You're not the kind of a Boy Friend who's always asking his date for kisses, are you, dear?"
Carroll: "I should say not. I haven't the time to waste."
Ellen: "To waste on kissing?"
Carroll: "No; to waste on asking."

• • •

Jim: "Did you get your hair cut?"
Woody: "No, I just washed it and it shrunk."

• • •

"I'm drunk with love, Jean Mary."
"Oh, Bill, look at the liquor you wasted."

• • •

Some day people will realize that the human knee is a joint and not an entertainment.

• • •

Garvice: "I know two girls on this campus that don't neck."
Red: "Well, tell me who they are."
Garvice: "What! and give them a bad name?"

• • •

We understand that Knight's girl wouldn't believe that he was a newspaper man, but he took her out one night and convinced her that he was a gentleman of the press.

• • •

Mildred F.: "It's funny, but I don't seem to appeal to the men that appeal to me."

• • •

Some girls let any fool kiss them; others let any kiss fool them.

And mothers still wonder where their sixteen-year-old daughters learn the things they knew at the same age."

• • •

Jokes Ed.: "Say, Benny, I've got an original joke that ——"

Editor: "Okay, Zo, but you don't look that old."

• • •

Everyone of my sorority sisters knows at least fifty ways of kissing, but there isn't one of those girls fool enough to try 'em all on the same man.

• • •

Brooks: "Let's give the bride a shower."

Al.: "Count me in; I'll bring the soap."

• • •

On a particularly cold evening when a co-ed told her B. F. she intended to wear her heaviest clothes, he replied, "Ah, an ounce of prevention."

• • •

Father: "What's that young man doing here at this hour?"

Daughter: "He's doing fine, daddy."

• • •

She: "Once when I was in night school the teacher told me to stay."

He: "Did you do something wrong?"

She: " No, I didn't stay."

• • •

Argyra: "Don't you think I have a kissable mouth?"

Alan: "Yes, you certainly have, when you get right down to it."

• • •

"Did that course in English help your boy friend any?"

"Not a bit. He still ends every sentence with a proposition."

There was the absent-minded professor's wife who found the professor kissing one of his prettiest and youngest students, and she laughed and laughed because she knew the professor was so absent-minded.

• • •

Stranger: "I represent a society for the prevention of profanity. I want to take profanity entirely out of your life and ——"

Mrs. Moses: "Hey, Leon, here's a man who wants to buy your golf clubs."

• • •

Bob F.: "Leslie is all the world to me. What would you advise me to do?"

Gil Y.: "See a little more of the world, old thing."

• • •

"How did Doc. Smith make all his money?"

"Oh, in the stork market."

• • •

They call her "Checkers" because she always jumps when you make a bad move.

• • •

"Shall we go outside for a little walk?"

"You boys have the funniest way of saying what you mean."

• • •

Some of our older students give fervent thanks that they lived in the days when you could kiss a girl and taste nothing but girl.

• • •

"Your studies are suffering, son; do you need a coach?"

"No, dad, a roadster'll do."

• • •

Those Miners weren't tight—they were merely playing war, using the curbstone as a fortification.

Autographs of Friends

Autographs of Friends

Autographs of Friends

Autographs of Friends

Autographs of Friends

FINIS

As USUAL, we have tried to make this 1934 Edition the best ever issued. However, we urge the students to take all things into consideration when judging their 1934 "Flowsheet." We are not apologizing for our work, since we think we have done the best that could have been done under the circumstances; but we *are* apologizing for the attitude of the student body.

The annual is smaller than last year's book, due to lack of co-operation from organizations and individual students. It is also late, for the same reason. The self-centered attitude of a large number of students in the present student body is a heavy handicap to any effort which calls for concerted interest. College spirit, if it is to flourish on a mutual basis in a successful annual, needs co-operation from all.

We breathed a sigh of relief last year and the year before. Each time we thought we were through with the struggle of trying to issue an annual in the face of torpid lack of interest. Conditions this year are so much worse that it is with real thankfulness that we lay down our burden. WE ARE OVERWHELMED WITH JOY THAT . . IT . . IS FINISHED!

We earnestly entreat the students to give their wholehearted support to Will Hamlyn as he takes up the work next year. We wish him luck (he needs it) and hope that the students will help him make the success for which we have striven.

Let us make one last plea for next year's editor. Take an interest in your school, and in its annual by which it is known. Be prompt, cheerful and reliable when asked for your co-operation in issuing the 1935 "Flowsheet."

Bernhard V. Mack Jr.

Editor-in-Chief, 1933 and 1934