

1949

## Flowsheet 1949

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# Flowsheet

1949



***the flowsheet***

***for***

***1949***

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The College of Mines and Metallurgy*





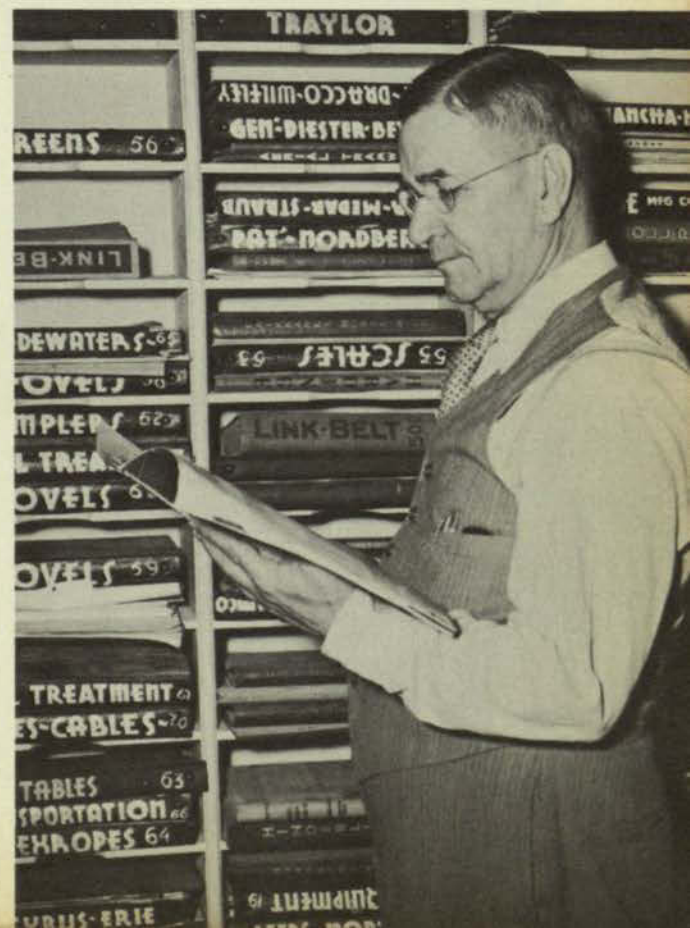




## *Dedication*

### JOHN FRASER GRAHAM

For instilling into his students the best possible technical and social criteria, this book is respectfully dedicated to Professor John Fraser Graham, Chairman of the Department of Mining and Metallurgy.







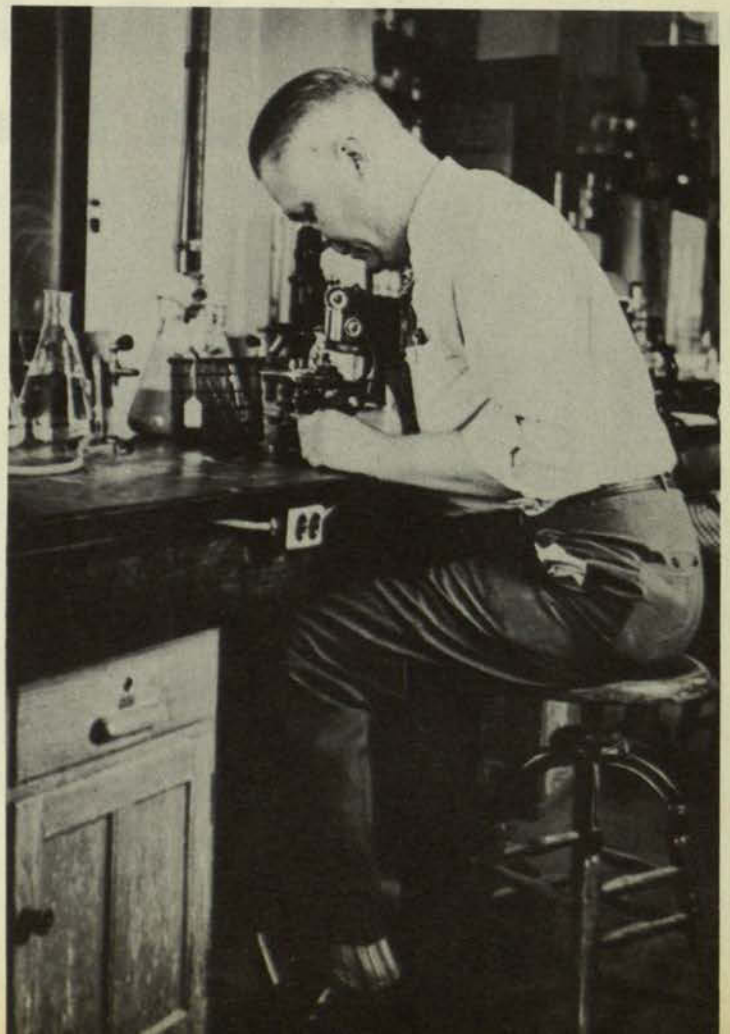
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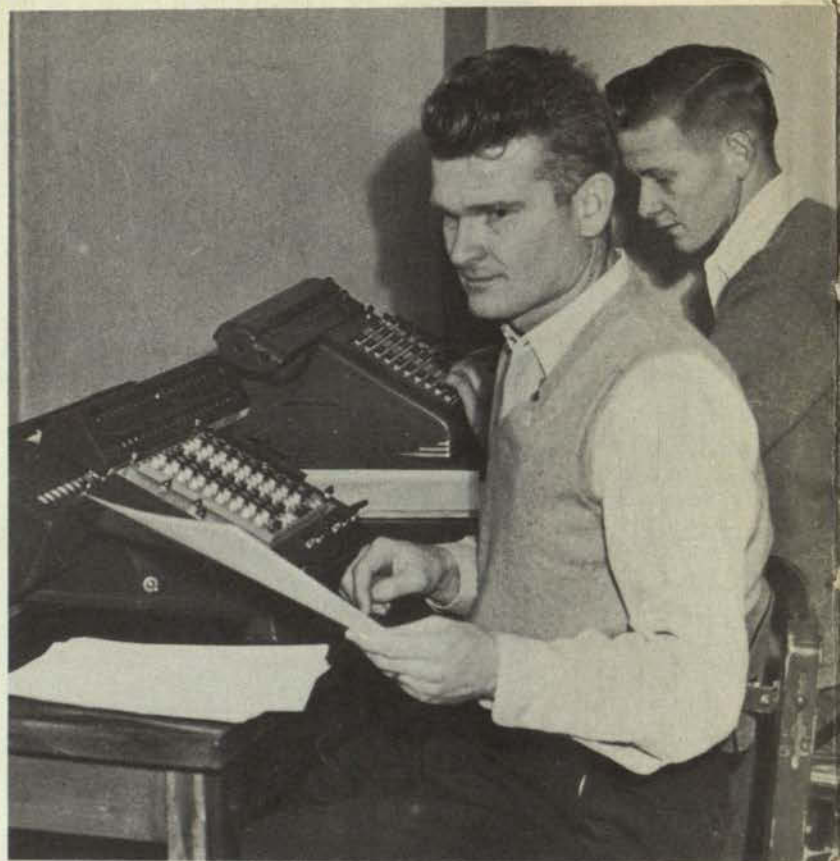




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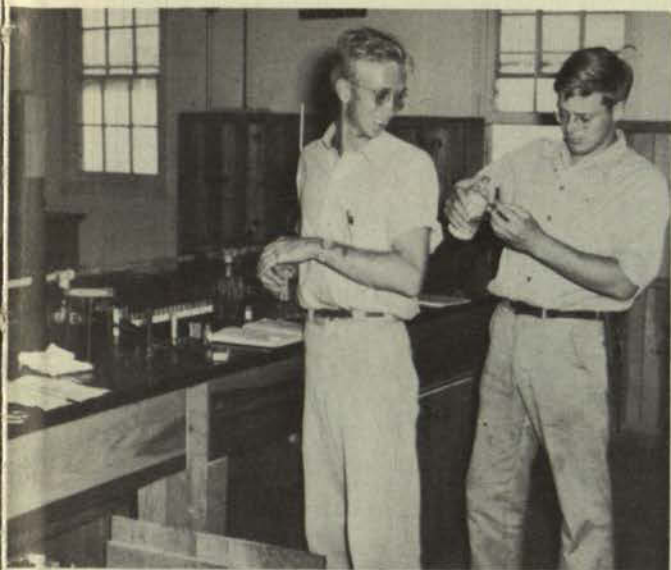




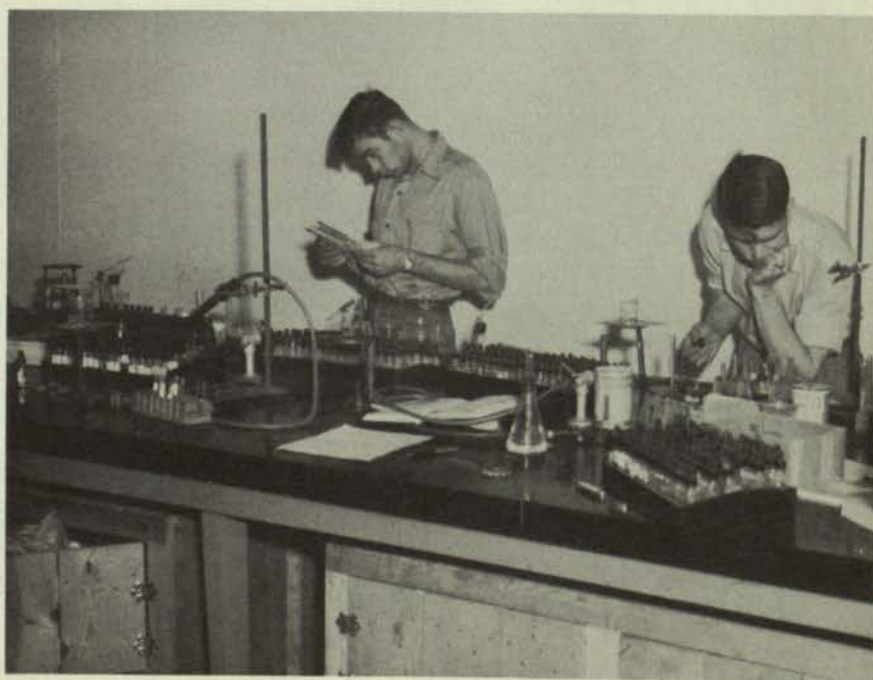
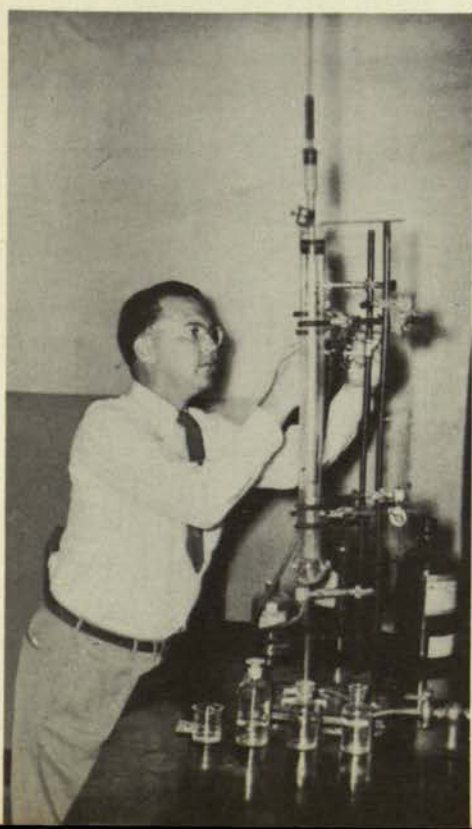
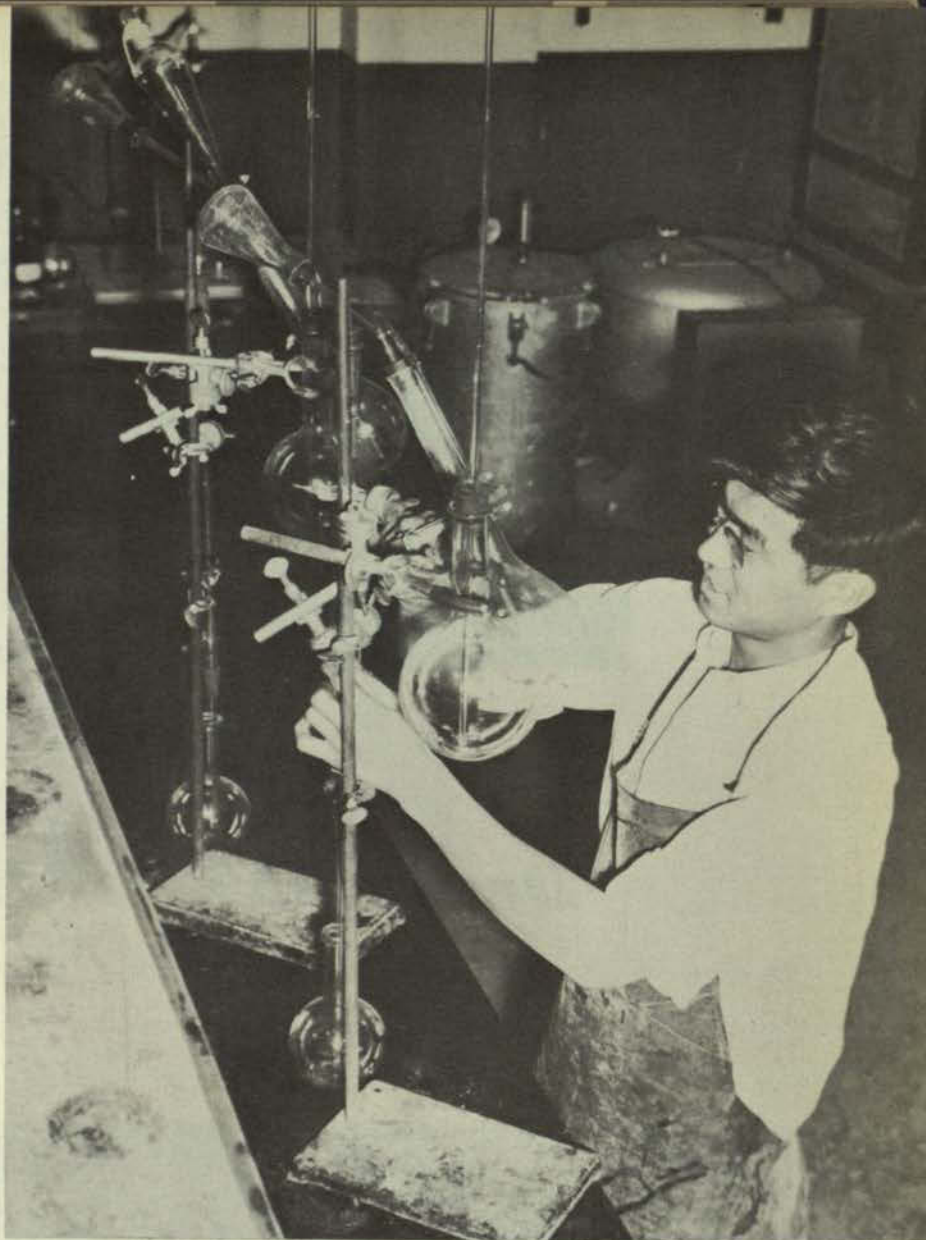
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## ***Department of Education***





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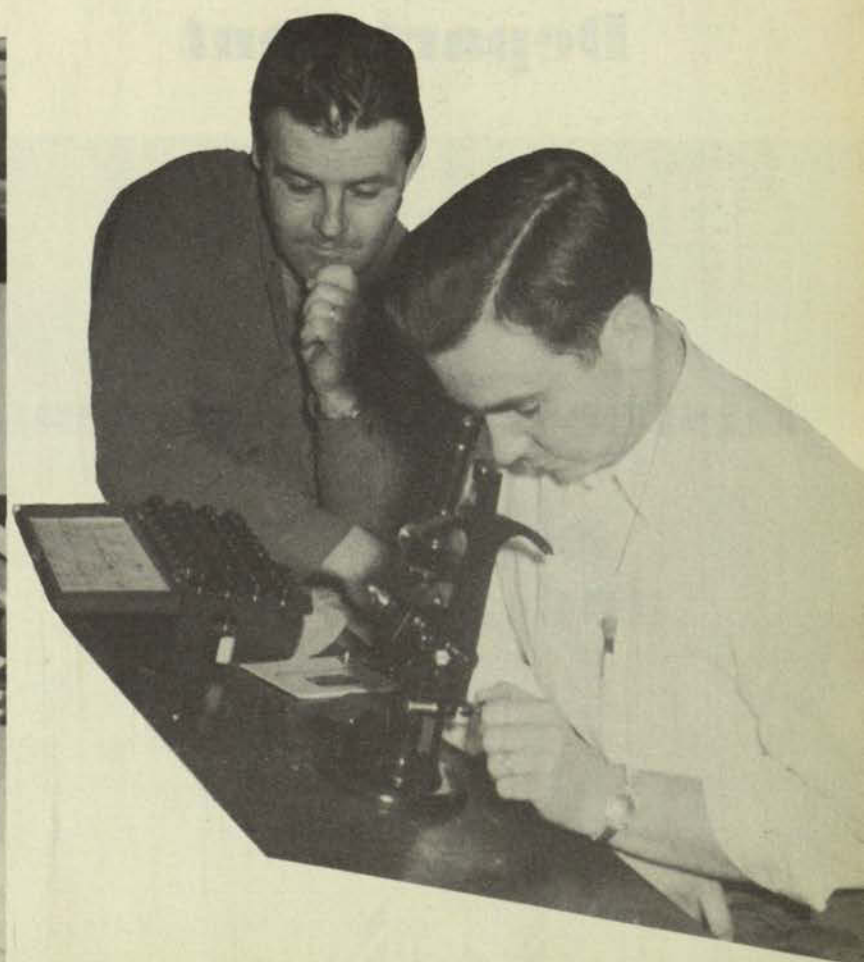
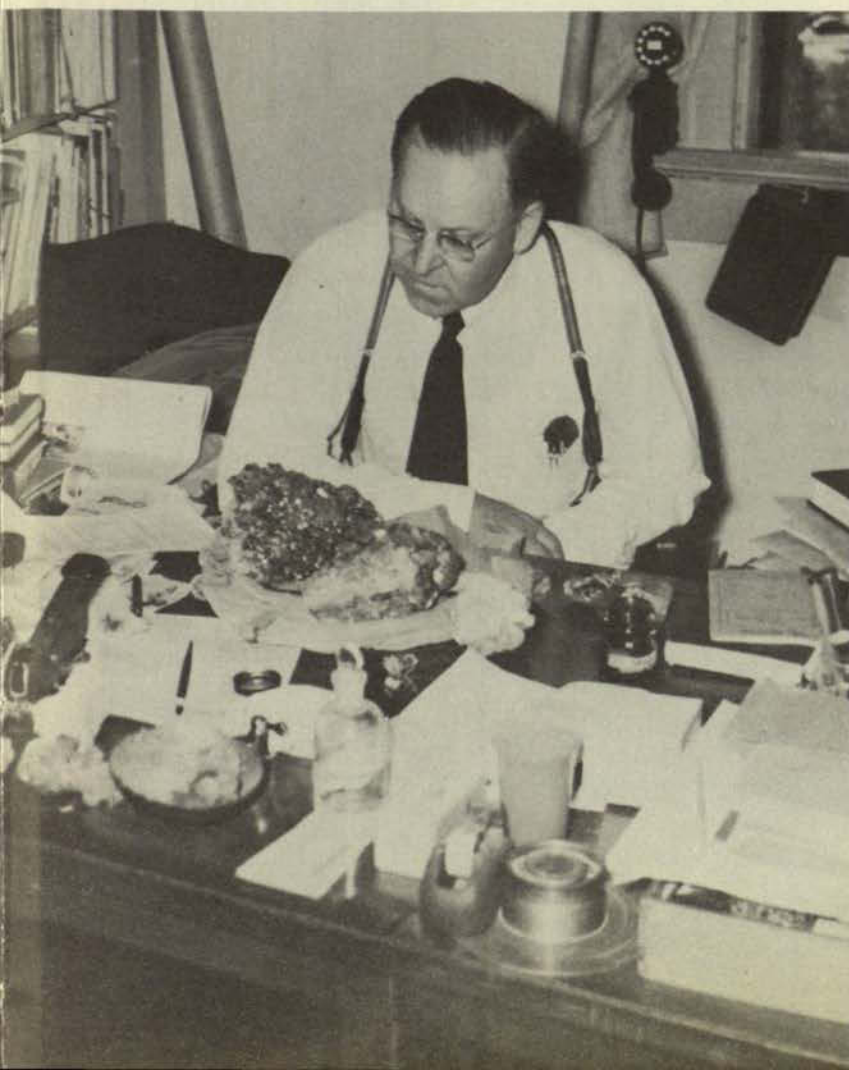
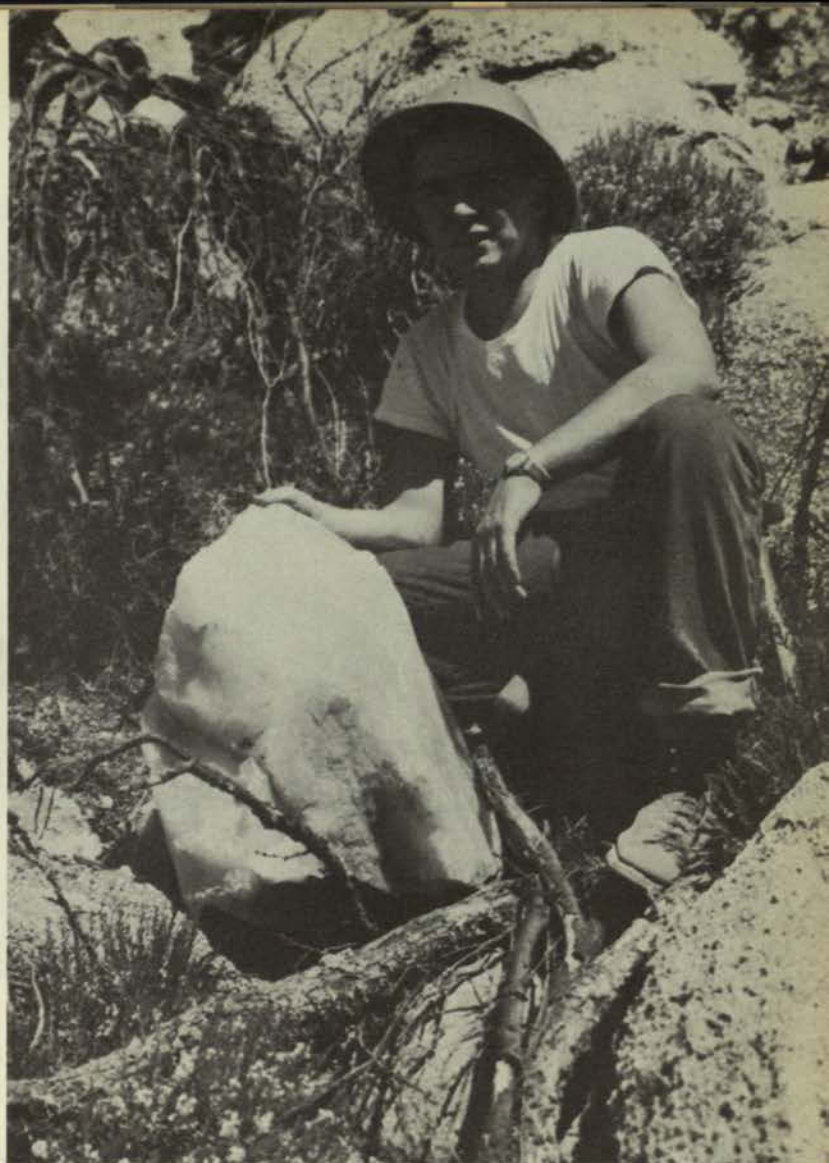


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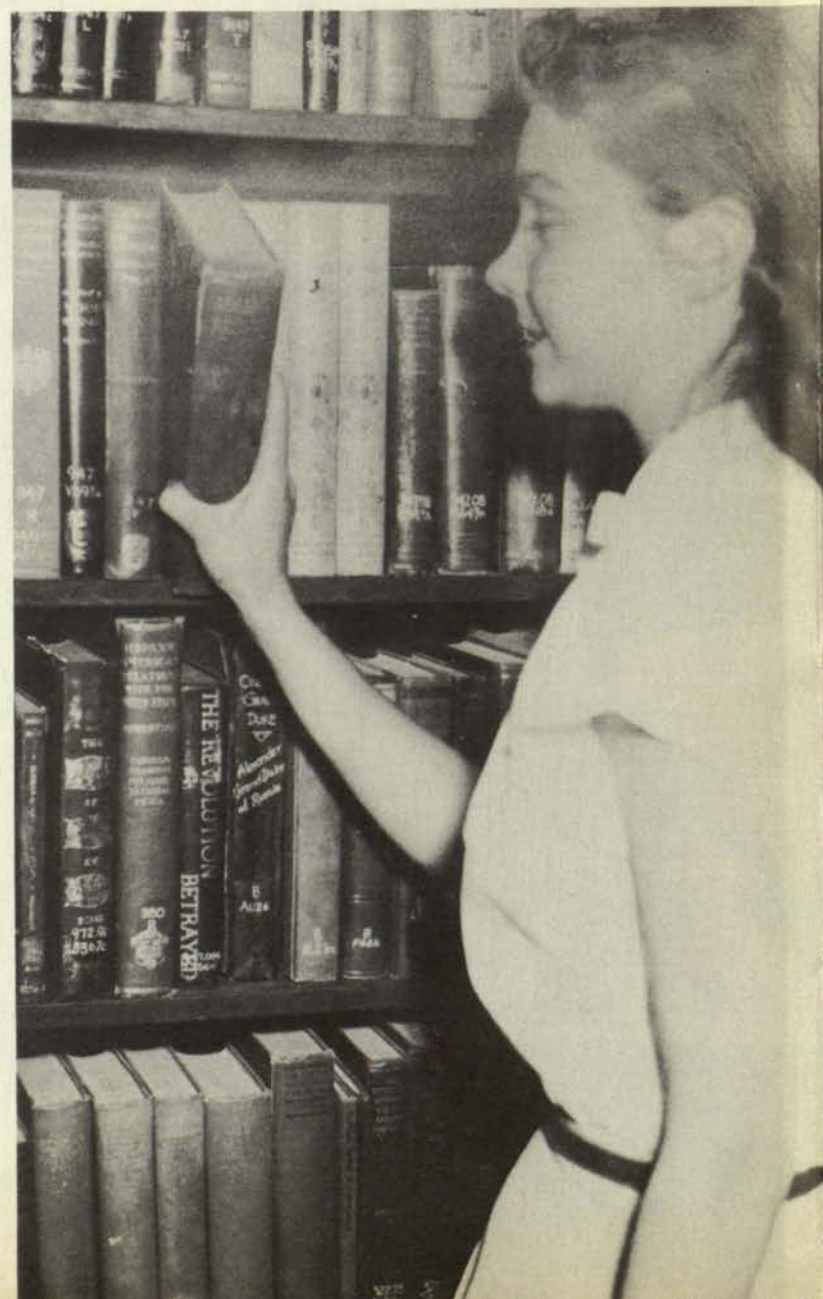
# **Department of Geology**







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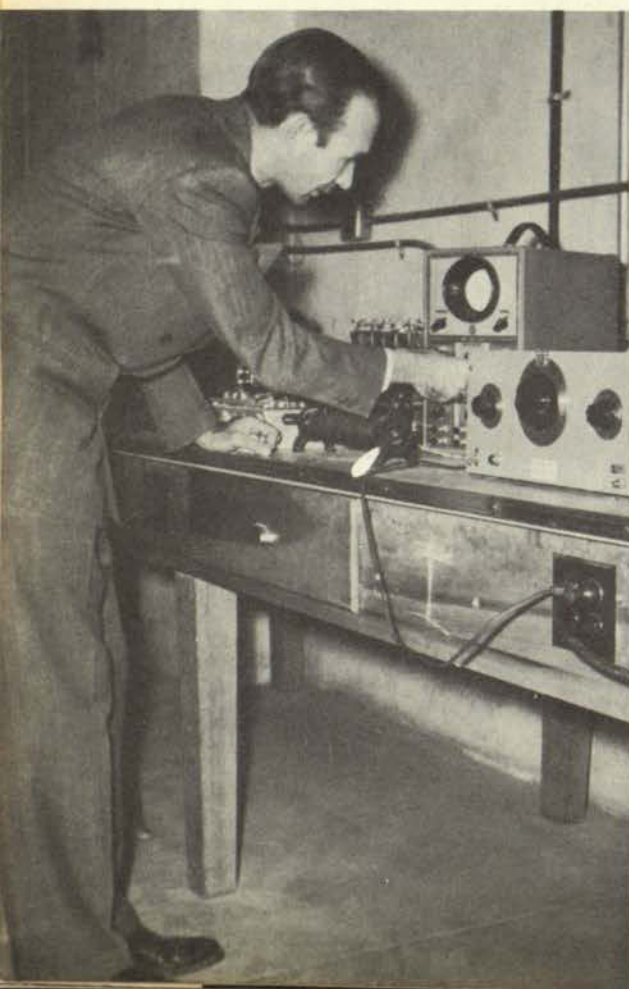
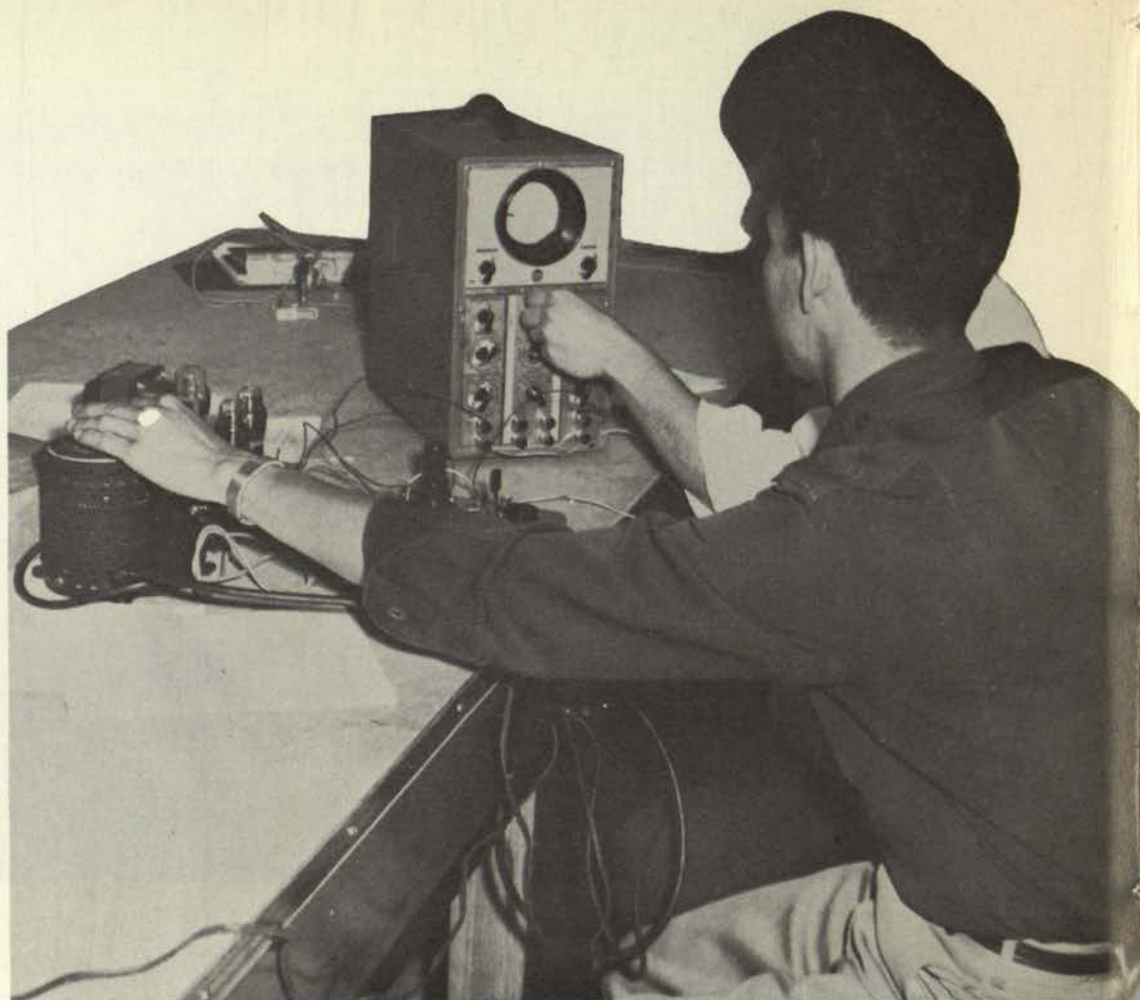




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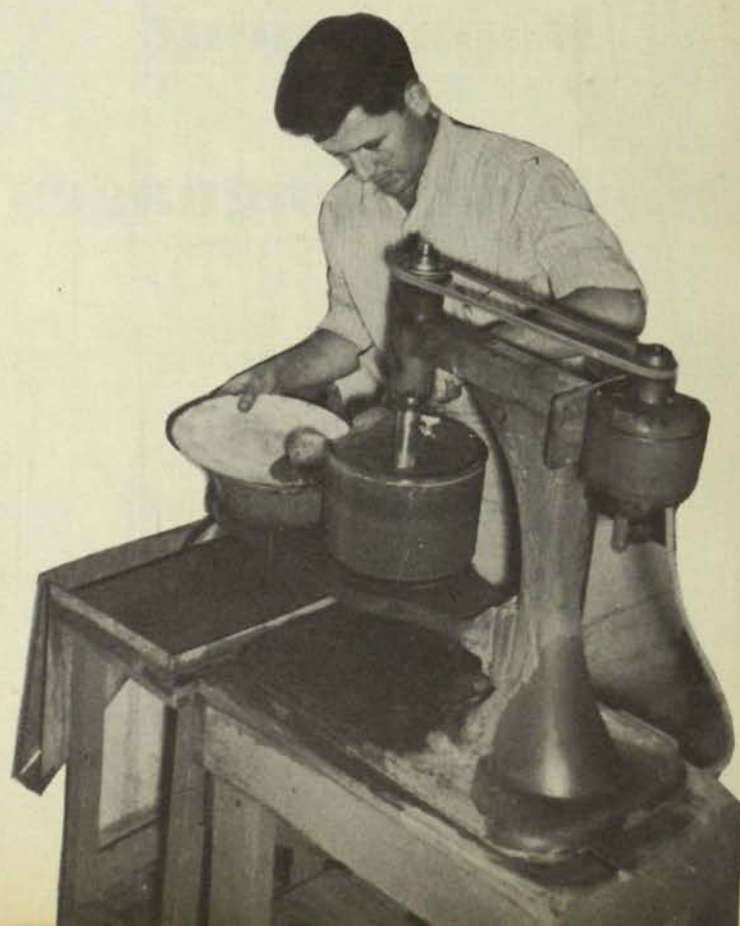
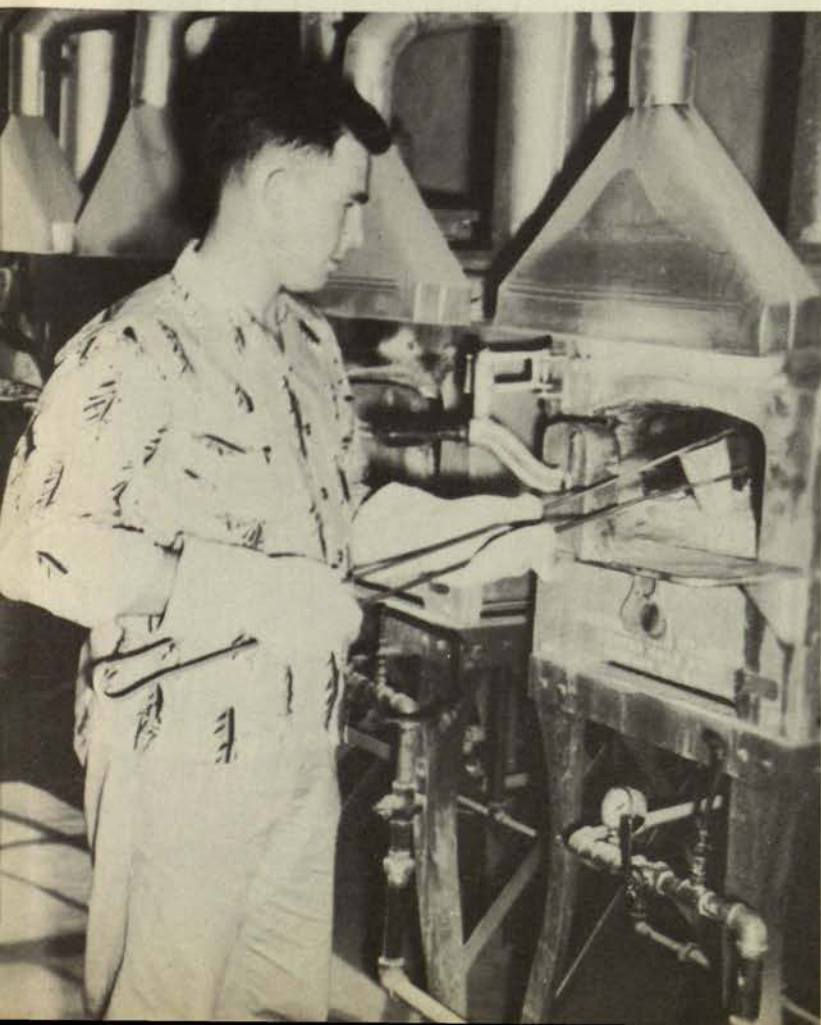




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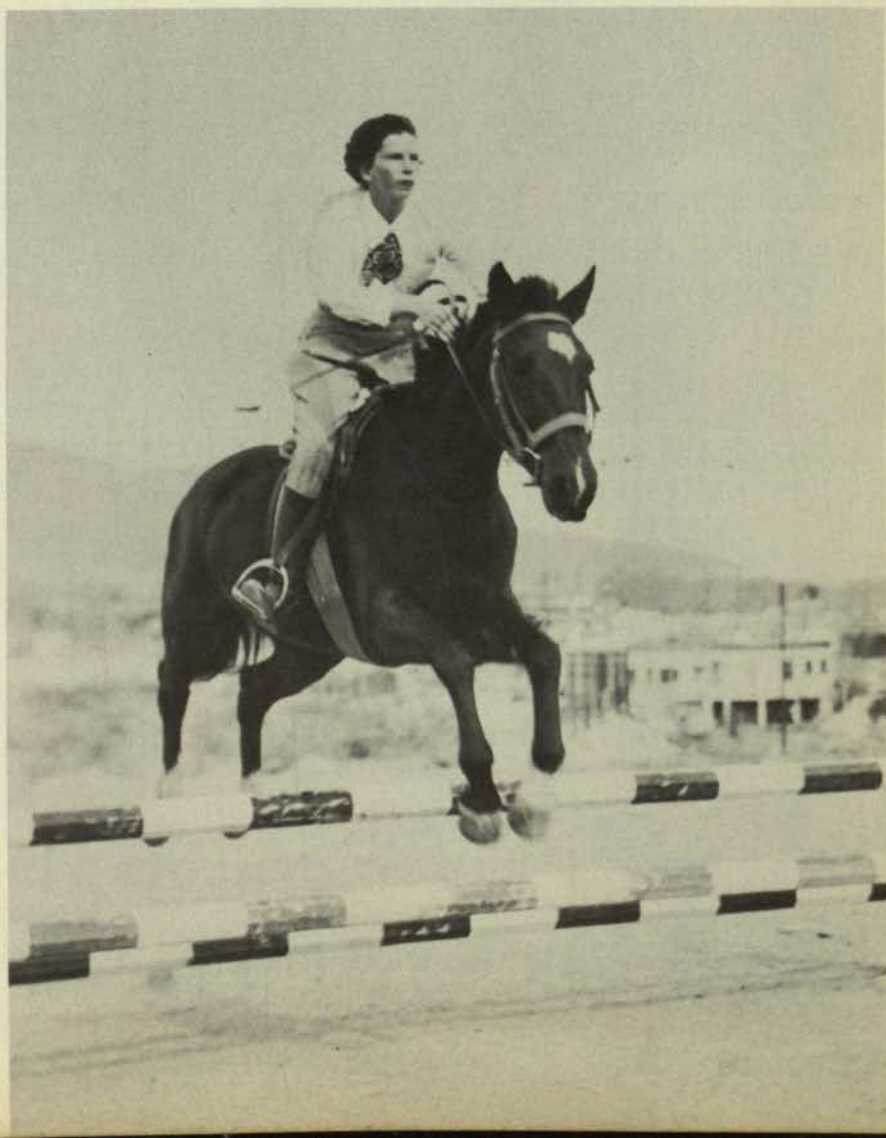
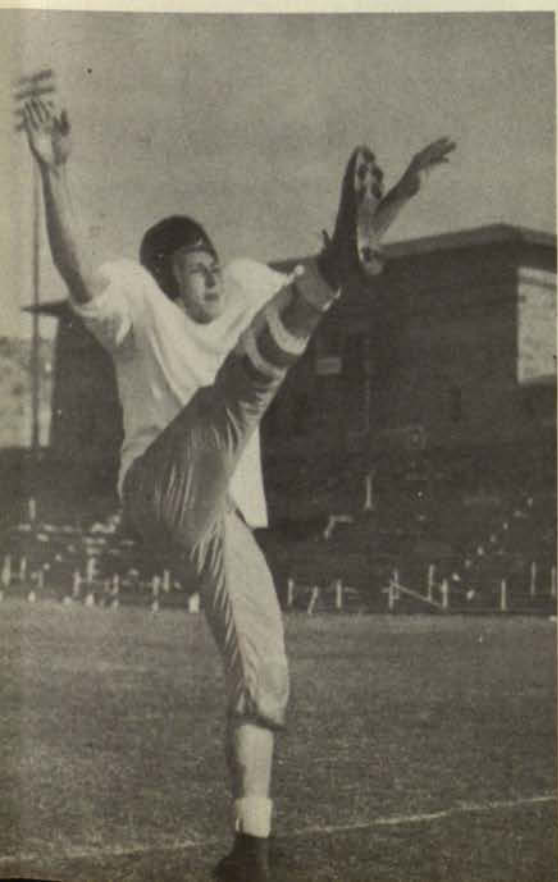


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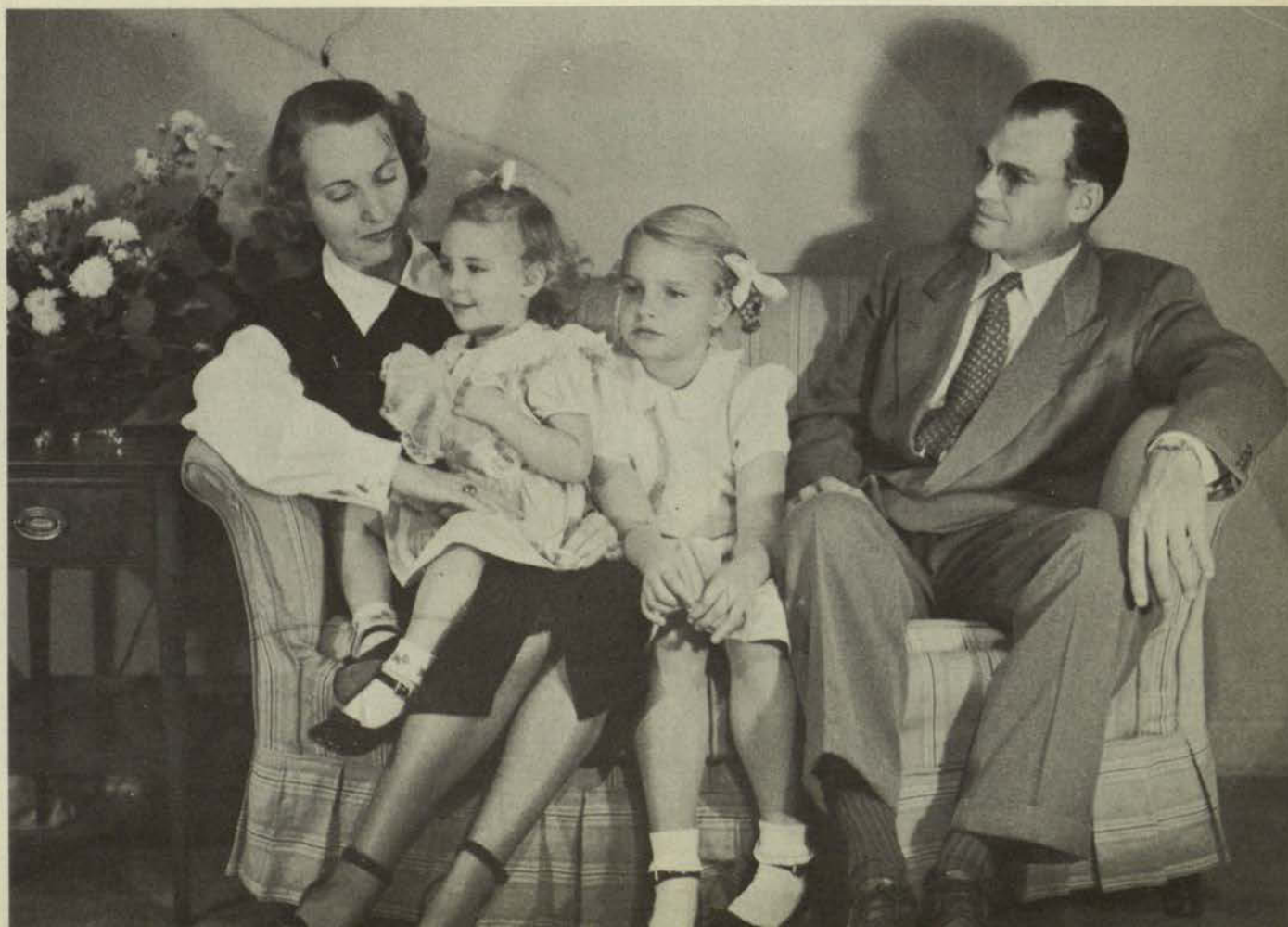
## **WILSON HOMER ELKINS, Ph.D.**

### ***President***

As a newcomer to the College of Mines and Metallurgy, I am specially interested in the present condition and future progress of the College. The splendid spirit of cooperation on the part of the students is a source of genuine satisfaction to me, and I am sure that this understanding of our mutual problems will benefit all of us who are so vitally interested in the development of Texas Mines. With a combination of enthusiasm, good judgment, and proper execution of our plans, we can and will continue together to build a greater institution.

—*Dr. Elkins*

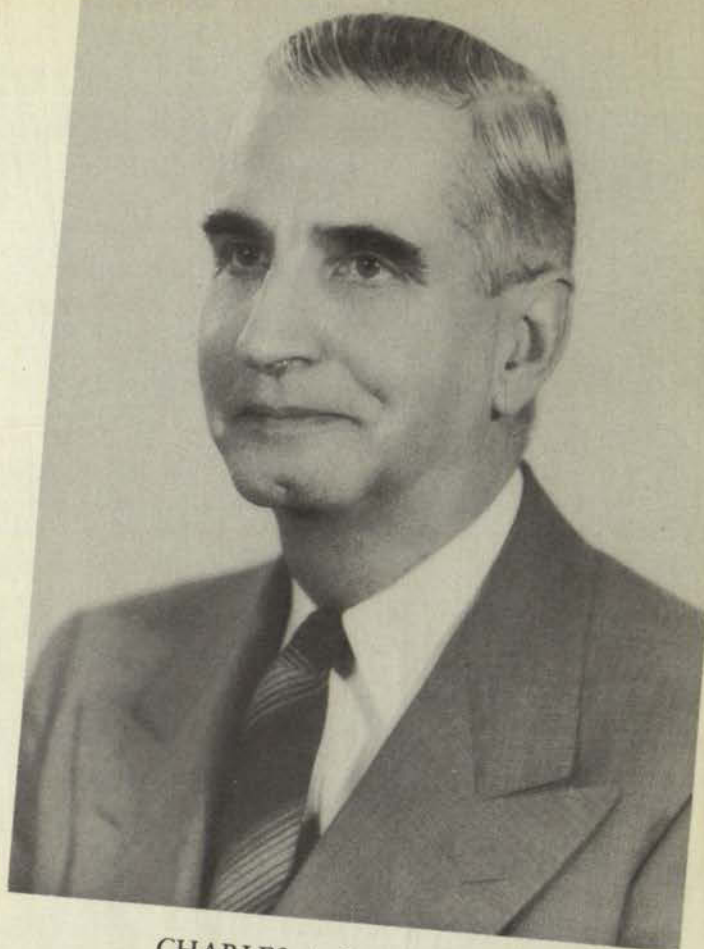
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 Cheerleader  
 Psychology Club



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 Sigma Delta Pi



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 The Debaters  
 Inter-Collegiate Debate Team



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 Sigma Alpha Epsilon Sweetheart  
 Senior Favorite  
 Most Beautiful  
 Mines Representative In  
 Miss American Co-Ed Contest  
 Alpha Phi Gamma  
 Alpha Psi Rho  
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 Senior Editor, Flowsheet  
 College Players  
 Drum Corps  
 Senior Representative  
 to Student Council



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 President, Sigma Delta Pi  
 Alpha Chi  
 Secretary, Junior Pan American  
 Round Table

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 Alpha Chi  
 Alpha Epsilon Rho  
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 Vet's Village Council







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 A.S.C.E.  
 Mu Epsilon Chi  
 Newman Club  
 President, Senior Class

BEATRICE FUENTES  
*Major:* Business Administration  
 Kappa Delta Pi  
 Secretary, Alpha Chi  
 Junior Pan-American Round  
 Table  
 Sigma Delta Pi



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 Junior Pan-American Round  
 Table  
 Recording Secretary, Newman  
 Club  
 Corresponding Secretary, Mu  
 Epsilon Chi  
 Gold Diggers



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 Alpha Phi Omega

FERNANDO OAXACA  
*Major:* Electrical Engineering  
 A.I.E.E.  
 Mu Epsilon Chi  
 Newman Club



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*Major:* Bachelor of Science



GEORGIA GUTIERREZ  
*Major:* Education

LEROY LYON  
*Major:* Biological Sciences







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*Major:* Art  
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 A Capella Choir  
 Rush Chairman, Vice-President,  
 Zeta Tau Alpha  
 Football Duchess  
 All-Mines Favorite  
 Pan Hellenic Council



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*Major:* Business Administration

RICHARD DAVIS  
*Major:* BBA



JOYCE UNDERWOOD  
*Major:* Business Administration  
 President, Tau Beta Sigma  
 Band  
 Vice-President, College Players  
 Bekas  
 Baptist Student Union  
 Varsity Show

NETTIE VIRGINIA  
 DEL HIERRO  
*Major:* Pre-med



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 President, Vice-President, Treas-  
 urer, Pledge Master, Phi Kappa  
 Tau  
 Who's Who  
 Men of Mines  
 Sports Editor, Prospector  
 Press Club  
 Secretary-Treasurer, Sophomore  
 Class  
 Basketball Squad  
 All-Mines Day All-Star Softball  
 Team  
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 Intramural Sports  
 Dance Committee  
 Bekas  
 Interfraternity Council



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*Major:* Art  
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*Graduate Student:* Chemistry  
 Lambda Chi Alpha

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*Major:* BBA  
 Chi Omega  
 Who's Who  
 Alpha Chi



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*Major:* Business Administration  
 Chi Omega  
 Chorale  
 Beaux Arts



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*Major:* Biological Sciences



ROY C. FISK, JR.  
*Major:* Business Administration  
 Who's Who, two years  
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 President, Alpha Chi  
 Bekas  
 Campusairs  
 Men of Mines



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*Major:* Psychology



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 Secretary, Phi Kappa Tau  
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*Major:* Chemistry  
*Who's Who*  
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 Director, Intramural Sports  
 Men of Mines  
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 Winner, Class "B", Border Conference  
 Tennis Doubles Championship  
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 Scientific Club

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*Major:* Spanish  
 Secretary, Sigma Delta Pi  
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 Recording Secretary, Mu Epsilon Chi  
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**MARILYN CORBIN**

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 Psychology Club  
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 Men of Mines  
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 Engineer Representative to Student Council

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 S.C.A.  
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 Treasurer, Beaux Arts



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 Phrateres  
 President, Secretary-Treasurer,  
 Psychology Club

**JOHN SINDORF**

*Major:* Geology







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RUTH LYNN MERRITT  
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Rush Chairman, House President,  
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Who's Who  
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Baptist Student Union  
Pre-Med Club



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Graduate Student: History



ANTONIO OBREGON  
Major: Metallurgy

HENRY VALDEZ  
Major: Bachelor of Science



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Personnel Chairman,  
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Alpha Chi  
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Round Table  
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ANITA BROWN  
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Rush Chairman,  
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Zeta Tau Alpha Girl of the Year  
Social Chairman, Zeta Tau Alpha  
Secretary, Pan Hellenic Council  
Beauty  
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 Treasurer, Alpha Chi Omega  
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 COPPENBARGER  
*Major:* Economics  
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 The Slag Bowl



GLORIA HOLMES  
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 Who's Who  
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 Correspondent, Publicity  
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 Vice-President, Delta Gamma  
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 Alpha Chi Gamma  
 Treasurer, Alpha Epsilon Rho  
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*Major:* English



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Major: Metallurgy  
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M. Club  
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All-Border Conference Tackle,  
two years  
Most Valuable Player, 1948  
Little All-American  
Captain, football team, 1948  
Who's Who



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Alpha Epsilon Rho  
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 A.I.M.E.  
 Band



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 KVOF Staff  
 Alpha Epsilon Rho



EDGAR L. MARTIN  
 Cutler, III.  
*Major:* BBA  
 Bekas

JUNE LORETTA MURRAY  
*Major:* Art  
 Secretary, Zeta Tau Alpha  
 Junior Pan American Round  
 Table  
 Beauty Finalist  
 Beaux Arts  
 Newman Club



JACK R. HEATHER  
*Major:* BBA  
 Alpha Epsilon Rho  
 KVOF Staff

HECTOR ROCHIN  
*Major:* Mining



ELISA YIP  
*Major:* English  
 Corresponding Secretary,  
 Mu Epsilon Chi  
 Kappa Delta Pi  
 Treasurer, S.C.A.  
 Third Vice-President,  
 Baptist Student Union  
 Junior Pan American Round  
 Table



GABRIEL S. ARMIJO  
*Major:* BBA

AIME J. MOYAERT  
*Major:* Art







EDWARD STEMBRIDGE  
*Major: Physics*

TRAVIS L. IRBY  
*Major: BBA*  
Alpha Phi Omega  
Scientific Club  
Baptist Student Union



NANCY C. MILLER  
*Major: Journalism*  
Who's Who  
Alpha Chi  
Editor, El Burro  
President, Alpha Phi Gamma  
Press Club  
Vice-President, Texas  
Intercollegiate Press Association  
Society Editor, and Assistant  
Manager Editor  
The Prospector  
Gold Diggers  
Chorale  
Junior Pan-American Round  
Table  
Historian, Zeta Tau Alpha  
President, S. C. A.



AMANCIO RODRIGUEZ  
*Major: Geology*

JOSEPH T. ALDERETE  
*Major: Metallurgy*



MARGARITA CABALLERO  
*Major: Chemistry*  
Newman Club



JOSE ERNESTO SERNA  
*Major: Art*  
Beaux Arts  
Newman Club  
Mu Epsilon Chi

MAURICE MALCOLM HAINES  
*Major: Education*  
Kappa Delta Pi  
Vice-President, Psychology Club  
S. C. A.  
Bekas







ARTHUR Q. COLLINS  
Major: Metallurgy  
Sigma Gamma Epsilon

RICHARD E. LINDBERG  
Major: Mining Engineering  
Secretary, A.I.M.E.  
Sigma Gamma Epsilon  
Secretary, Alpha Phi Omega  
Student Council  
Interfraternity Council  
Scientific Club  
Who's Who



MARIAN GOFF  
Major: Radio  
Alpha Epsilon Rho  
House President and Historian  
Delta Delta Delta  
Radio Staff



CESAR MENDOZA  
Major: Education

JAMES W. ALLISON  
Major: Geology



MARJORIE GRIGGS  
Major: Music Theory  
Chorale  
Band  
Pan-Hellenic Scholarship  
President, Tau Beta Sigma  
Librarian, Chorale



FRANK LEMBO  
Major: BA

JOSE J. QUESADA  
Major: BBA







FRANCIS CAMPBELL BARBER  
*Major:* Geology  
 President, Alpha Phi Omega  
 Secretary, Interfraternity Council  
 Scientific Club  
 AIME  
 Veterans Club



SAMUEL R. KING  
*Major:* Civil Engineering  
 Alpha Phi Omega  
 ASCE  
 Scientific Club

SUE TOPP  
*Major:* Art



GILBERTO RODOLFO GRADO  
*Major:* Electrical Engineering  
 Men of Mines  
 Mines Band  
 Treasurer, Kappa Kappa Psi  
 Alpha Chi  
 AIEE  
 Scientific Club

ROBERT CONDON  
*Major:* Geology



MARGARET GANDARA  
*Major:* Art



DON BYRNE  
*Major:* Geology

VINCENT PENA RASCON  
*Major:* Art  
 Beaux Arts  
 Band  
 Kappa Kappa Psi  
 Flowsheet Staff  
 Swimming Team  
 Sigma Delta Pi





THOMAS CASSO  
Major: Pre-Law

HAROLD BUTTRAM  
Major: Psychology



ALICE NAN WALL  
Major: English  
Vice-President  
Chi Omega '48-'49  
Senior Editor of Flowsheet  
'48-'49  
Circulation of Flowsheet '45  
Circulation Manager El Burro  
'46-'47, '47-'48  
Alpha Phi Gamma  
Corresponding Secretary TIPA  
Co-Ed Council Representative



CLIFF R. RICHARDS  
Major: Business Administration  
Sigma Alpha Epsilon  
Historian  
Correspondent  
Bekas  
Canterbury Club

DAVID SAMUELS  
Major: BBA



COLLEEN DAKAN  
Major: Education  
Vice-President, Reporter,  
Parliamentarian, Phrateres  
Student Council  
Drum Corps  
Gold Diggers  
Prospector Staff  
Baptist Student Union  
SCA



FRANCISCO X. MORENO  
Major: Mining

HECTOR BURCIAGA  
Major: BBA







AARON WECHTOR  
*Major: BA*

BOB KOWNSLAR  
*Major: BBA*



FRANCES BELL  
*Major: Radio*



LONNIE FUGATE  
*Major: Mining Engineering*



BYRON J. FARLOW  
*Major: Radio*  
President, Alpha Epsilon Rho  
KVOF Staff  
Football



MING DJU LI  
*Major: Graduate student;*  
Education



ALBERT HOLBERT  
*Major: Metallurgy*

ANDRES LOPEZ  
*Major: Biology*  
Mu Epsilon Chi  
Pre-Med Club  
Good-Neighbor Scholarship





LLOYD STEVENS  
*Major: BBA*  
 Who's Who  
 Men of Mines  
 Alpha Chi  
 Alpha Phi Gamma  
 President  
 Radio Workshop Players  
 Vice President, Pledge Trainer,  
 Correspondent, Sigma Alpha  
 Epsilon  
 Yell Leader  
 Junior Editor, Flowsheet  
 Varsitonians  
 Varsity Show  
 A Cappella Choir  
 Bekas  
 Baptist Student Union  
 Scientific Club  
 Overtones  
 Press Club



ROBERT A. PARSONS, JR.  
*Major: Radio*  
 Treasurer, President,  
 Kappa Sigma Kappa  
 Vice-President,  
 Inter-Fraternity Council  
 Scientific Club  
 KVOF Music Director  
 Vice-President, Senior Class

PATRICIA R. McGALLIARD  
*Graduate Student: English*  
 Alpha Chi



NEFTALI RUELAS  
*Major: BBA*

MAX TEAT  
*Major: Chemistry*



ELVIRA VARGAS  
*Major: English*  
 Junior Pan American  
 Round Table  
 Newman Club



MALCOLM FARQUEAR  
*Major: Chemistry*  
 President, Lambda Chi Alpha  
 Engineer Representative,  
 Student Council  
 Inter-Fraternity Council  
 Scientific Club

ARTHUR E. ALARCON  
*Major: Civil Engineering*  
 A.S.C.E.







ALFRED HARRIS  
*Major: Biology*

MARTIN MOLINAR  
*Major: Biology*



BEBE TIGHE  
*Major: English*  
President, Treasurer,  
Zeta Tau Alpha  
Who's Who  
President, Pan American  
Round Table  
President, Panhellenic Council  
Business Manager, El Burro  
Sigma Delta Pi  
Alpha Phi Gamma  
Secretary, College Players  
Secretary, Junior Class  
Zeta Girl Award  
Best Pledge Award, Zeta  
Flowsheet Organizations Editor  
Pre-Med Club  
Newman Club



EDWARD W. RUSSEY  
*Major: Biology*

KENNETH G. ARES  
*Major: Physics*  
Alpha Chi  
Vice-President, Kappa Alpha Chi



JANICE LILLIAN MEAGHER  
*Major: Business Administration*  
Sigma Delta Pi  
Rush Chairman, Delta Gamma  
Junior Pan American Round  
Table



JAMES H. BLACK  
*Major: BBA*

ROBERT P. KING  
*Major: Geology*  
Alpha Phi Omega  
Scientific Club





WILLIAM C. LYNCH  
Major: Economics  
President, Sigma Alpha Epsilon

LOUIS COPE  
Major: Metallurgy  
President, A.I.M.E.  
Scientific Club  
Alpha Phi Omega



DOLORES BRAUN

Major: Radio  
Phrateres International  
Co-Ed Council  
Mines Chorale  
College Players  
Radio Staff  
Radio Workshop Players  
Alpha Epsilon Rho  
Gold Diggers



EDDIE WILKERSON  
Major: Physical Education

ROBERT J. MCGALLIARD

Major: Geology  
College Lighthouse Weight  
Boxing Championship



MARY ELLEN WELLS

Major: English  
Corresponding Secretary,  
Phrateres  
Psychology Club  
Girls' Rifle Team



JOHN JOE WOO  
Major: Business Administration

ROBERT GALBRAITH  
Major: Radio







GEORGE GAAL  
*Major: Electrical Engineering*

MRS. FRANCES BARTON  
NIELSON

*Major: English*  
House President,  
Delta Delta Delta  
Alpha Chi  
Chorale  
Junior Pan American  
Round Table  
Sigma Delta Pi  
Library Staff



MARION BENEDICT  
*Major: Geology*



LeGRAND MERRIMAN  
*Major: Electrical Engineering*

DARRELL EVANS  
*Major: P.E.*



LILLIAN B. MARTIN  
*Major: English*



ESPERANZA ORTEGA  
*Major: Biological Sciences*  
Pan American Round Table  
Mu Epsilon Chi  
Pre-Med Club

JOHN PUTMAN  
*Major: Geology*





MARTHA UZETA  
*Major:* History  
Newman Club  
Junior Pan American  
Round Table



MAGDALENA VILLA  
*Major:* BBA





CHARLES HARDIE



RAY MAXWELL



SCOTT THURBER



CARMELA DE LA TORRE



JIMMY CARPENTER



ROY GLASS



BARBARA CALISHER



SARAH JANE STOCKWELL



JIM PALMER

MARVIN F. W. THOMPSON

ISELA DIAZ

EUGENIA SHAFFER

MARIA B. VERA

FRANK TREW





DON L. LIBBEY



JAMES HAMILTON



DON WINSOR



BARBARA INGRAM



DAVID COHEN



JIMMY HAGGARD



MARY GRAMLY



ANNA JANE DERRICK



CHARLES McBRIDE

EDDIE FALON



NANCY HOPKINS



ELLEN LAKE



MARGO CONE



RUSSEL VAN KIRK







KENT DEPUTY



GEORGE GROUNDS



JAMES FOSTER



FRANCES WARD



GEORGE WARDY



K. W. GALLUP



JACKIE O'SULLIVAN



NANCY JENNINGS



JAKE RHOADES

BOYD HARRIS

DOLORES M. EDMONDSON

FANNIE CHOW

JUNE WAID

CALVIN SKINNER







LAWRENCE FOSTER



ROBERT CARSON



TERREL SCEARCE



DICKIE LANDSDOWNE



NOEL HOWARD



WILLIAM BEATON



JANE HOWARD



MARIA LOUISA MEDIAVILLA



DICK OSWALT

BOB BLAIR



JEAN GORDON



EDMUND ANSARA



WYNELL TERRY



JOE MUELLER







MURRAY YEAGER



JACK STEELE



LEW SCHNITZ



MATTIE BETH JAMES



LUCKY LEVERETT



JACK ELLIOTT



DOLORES HODGES



ELLA DURAN



TREADWELL SCHMITT

ROBERT DUKE



BARBARA WRIGHT



FRANCES BRADEN



BETTY JAGOE



JOHN GOODEN







PAUL NICHOLS



RAY SHOWERY



RAYMOND PATTON



CHARMIAN KLOHS



WAYNE PARKER



BILL WARD



TONI HEREDIA



MONSE CHAVEZ



JAY WHITE

JACK MORRIS

ELSIE WILKS

PAT MARS

ALICIA RUBALCAVA

FERNANDO FUENTES







BILLY HAGGARD



WARREN CARR



FIDEL ORONA



ENRIQUE SALAS PORRAS



I. NOGUERA



PAUL PINEDA



VICTOR RIVELES

JOE GARCIA

R. E. KENT

J. C. FUSELIER

SOLIS BUSILIO

JOE MENDOZA





GERRY LAIRD



PAT TIER



ALYCE GENE RAINS



ROGER BELL



FAYRENE BURDEN



RALPH THOMAS



JOY KROEGER



ROBERT CROXTON



ANITA TAYLOR



RACHEL GROVE



JOE OLIVER



JEAN LITTLETON



RODOLFO VALDIVIA



BOB TRAVIS





BILL SHARPE



MARIETTA WINDSOR



ANTONIO ALVAREZ



MARILYN CROWELL



ROY ANDERSON



MARION RICKEL



THOMAS DANIEL



BESS TOMPKINS COUSAN



GILBERT LOPEZ



RALPH SIQUEIROS



LOUISE STUM



HECTOR CARRANZA



BILLIE JOYCE WEST



BARBARA BROWN



BOBBY PRENTISS



JACK PARKS



CONNIE RAY



HARRY SHAFFER



EILEEN TIERNAN



A. M. RUIZ



EDWINA QUINN



CHARLES COMBS



JEAN JACKSON



ELEANOR McDANIEL



WILLIAM SAMPSON



MARTA HARGETT



DAVID SANCHEZ



MAURICE EVANS





RICHARD NIELSON



ANN ELLIOTT



BILL JAKEMAN



BETTY MIDDLETON



JACK WADE



BILL SNELSON



ANGELINA MOWAD



LAHOMA RISINGER



SAM BLACKHAM



PETER BAEHR



SANFORD COX



UEL H. LIVINGSTON



LEE JORDAN



MARLIN HAINES



TOM SCHATTENBURG



ADALBERTO FRANCO



ROLAN SNOWDEN



WILLIAM FRIEDMAN



TACK SUN JOE



EARL RICHARDS



SHIRLEY BOWMAN



BILLIE MAE LUNDELL



IRVING HAMMOND



ROY STEWART



ROBERT CHINN



LAWRENCE KIRK



JANE PIATT



BETTY JO FUNK





BETSY GOODLOE



BRUCE BROWN



BONNIE CATHEY



OSCAR ALBRITTON



DOLORS DUNCAN



BOB TERRAZAS



WILLIE HANNAN



FAYE CAIN



GEORGE MEREDITH



PHYLLIS POLLAKOFF



NELSON OHLEMACKER



MARION HESLER



EMILY LIVINGSTON



BARBARA BRAMWELL



ROSIE EDWARDS



FRANCES THORNTON



BILL NEWMAN



BONNIE RESLER



LA RUE BURCHARD



ALFRED MARQUEZ



JOE MORA



FRANCISCO BORREGO



FRANK ROMERO



BETTY JO KERNELL



FRANCES MERBETH



MARTA VALDIVEZ



C. H. BLATCHLEY



MAIN SUN JOE





BILL Mc CORMACK



PAT BURNETT



JESSIE SURRATT



LARRY WYLIE



IRENE FARRA



WARD HUSTACE



LOUISE PINNELL



JOHN R. BUZZEL



LORRAINE RICHARDS



EDWINA SCEARCE



IRVING BORSCHOW



MARIA TERESA GARCIA



SARA KAASE



RALPH BARNETT



JACKIE HUGHES



GLENN HAMMOND



JEAN BRIDE



DORA ZAU



FREDDA PETERS



STANLEY BLAUGRUND



STELLA SAUCEDO



WINSTON BEADLE



ELSIE THOMAS



MARILYN ROGERS



MILLCENT RECTOR



WILLIAM RHEY



ROSE MARY LUDLOW



ARMANDO J. FLORES





MARY LOU NEELY



WILLIAM KERR



HERBERT HUNTER



ROSE MARIE SALEM



FRANCES DIVINE



MINNIE TRAVIS



BARBARA TITUS



ANN VAN WINKLE



JIMMY HICKS



JIMMY CLACK



DONNA PARSONS



RICHARD HARPER



DOROTHY RIGDON



BERTHA ALIAGA



VIRGINIA HARRIS



MARJORIE BREWER



DOROTHY HAUSLEITHNER



BOBBY SPELLERBERG



JAMES STROUP



BARBARA BANNER



TOM WALLACE



NANCY RADCLIFFE



BARBARA KNIGHT



FRANK BORUNDA



MONA BEARDEN



DALE SPIRES



JEAN WILCOX



LEON BALDWIN





FRED BATTLE



JOAN HAGGARD



JACQUELINE JOHNSON



BETSY HUDSON



ROY CASTORENA



MARCELINA AGUILAR



ALICEAN RUTTER



AUDIAN PAXON



ALICIA BROWN



MILDRED CORNELISON



RAUL RUIZ



MARTHA DOUCHOUQUETTE



AMELIA LEVY



FLOYD SHARP



MARILYN RHOADES



JIMMY SPITLER



DOLORES MAFFEI



JACK McDANIEL



PEGGY WATERHOUSE



LUCY SUSAN SEGULIA



BILL GHARIS



MARGARET CRAWFORD



BOBBY HORN



WARREN WEBB



VIRGINIA DAKAN



HENRY COBOS



BETTY JEAN CASS



BILL MORRISON





PAUL KINGSLEY



EDDY JEAN PRUETT



KAY BYERS



BOB COOK



WAYNE MILLER



TRENT WILSON



RALPH CARDEN



LYNNEL HENRY



ALBERT IRBY



ROBERT EARL DRAKE



RAFAEL ALVAREZ



DAVID EVANS



DEE ROBERTS



JUAN ORTIZ





Cheerleaders: BUDDY BOYLAN, MASCOT GLENN, DAVE COHEN, JANE PIATT, BARBARA WRIGHT, YVONNE OBERLING and MARGARET DODSON





HARD ROCKS



AVERAGE FRESHMAN MALONEY



PARADE



TWO PLUGS



THE SENATOR LINDBERG



BEST FLOAT



GLAMOUR (?) GOILS



KAPPA SIGMA KAPPA PICNIC





HELEN OF HEARTS



TCM'S FIRST FAMILY



SPRING HAS SPRUNG



CAMPUS SPARKS



STANDARD EQUIPMENT?





WHY I WANNA BE A PHOTOGRAPHER TOO.



GOLD DIGGER OFFICERS NANCY SELLY,  
KAY BYERS and ELIZABETH RHEY

LES LOVES HIS WORK





COACH CURTICE and SUG



THIRD STRINGERS

OUR CONQUERING HEROS!







TRI DELTAS



THAT'S WHERE THE MUSIC COMES FROM



STARS OF *SHE STOOPS TO CONQUER*

OH CHRISTMAS TREE,  
OH CHRISTMAS TREE!



SCHOLARSHIP WINNERS POSE  
WITH ARTS AND LETTERS OFFICERS



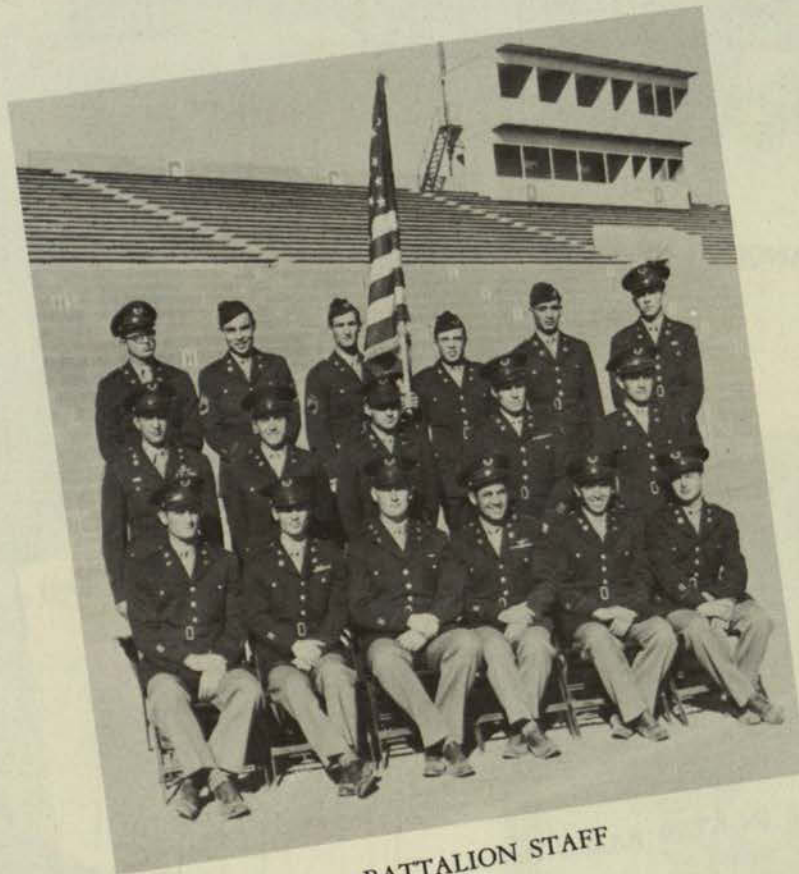




GUIDE RIGHT!



STEVE

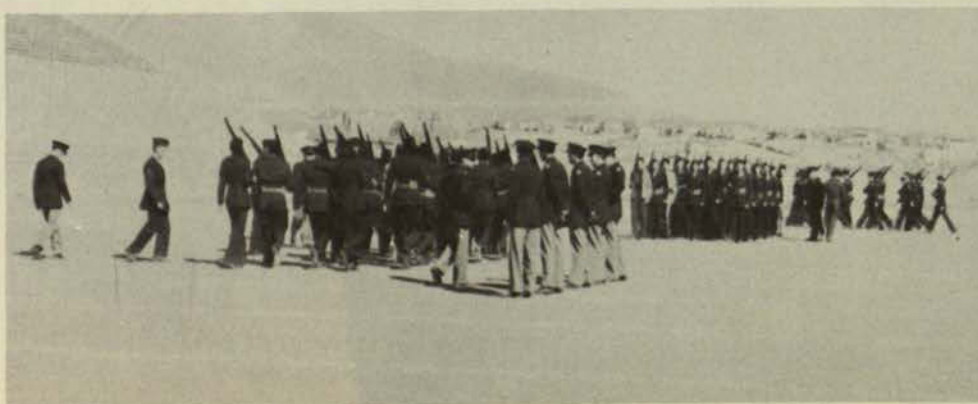


BATTALION STAFF



NOEL

DRILL







CHI O CHRISTMAS BANQUET: HILBURN, HILBURN, DEPUTY, PIXLEY AND MISS WISE.

MINERS STAR IN KTSM RADIO DRAMA.



SUE JANE



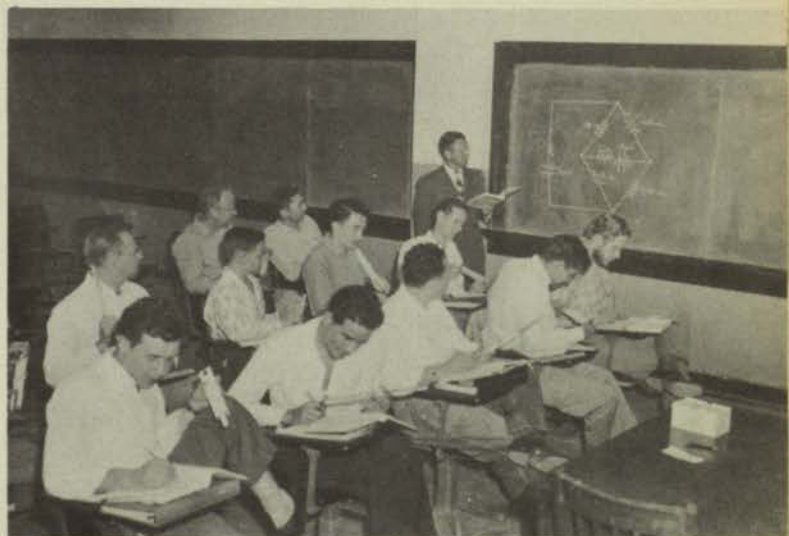


THE ONE WITH THE SHIRT OUT IS BOB

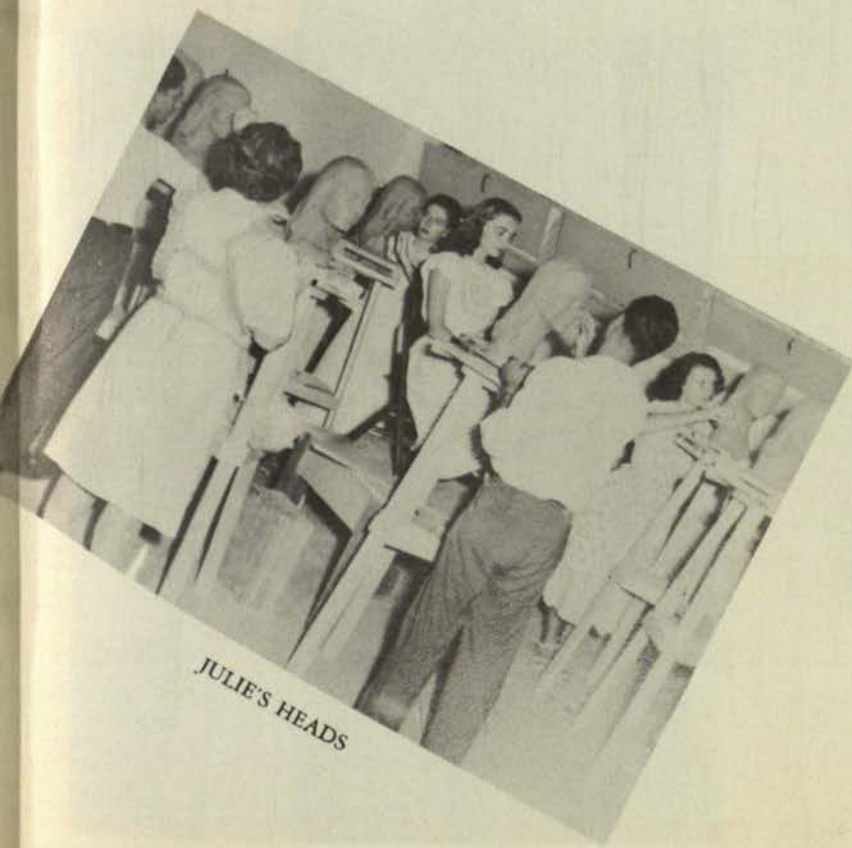


BUTTON, BUTTON, WHO'S GOT BUTTON

YES INDEED



CRUISING DOWN THE RIVER



JULIE'S HEADS

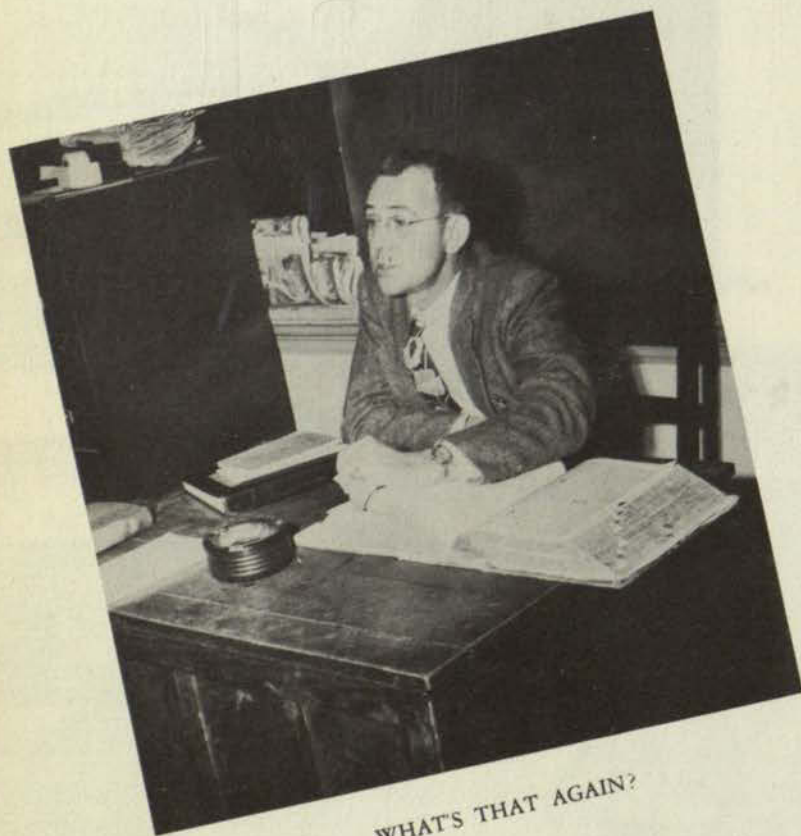




'N NOW . . . THE NEWS.



AIN'T LUV GRAN'

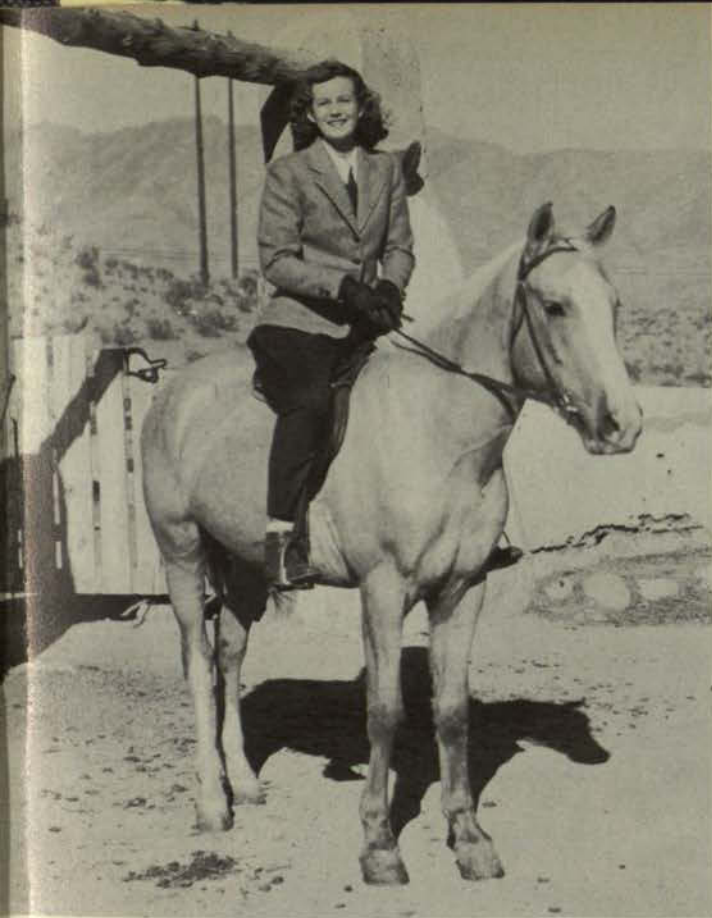


WHAT'S THAT AGAIN?



A TRI DELT SOUNDS OFF





PAT MURCHISON



PASS THE COKES



AIN'T SHE A DOLL?

WE WON'EM, TOO!



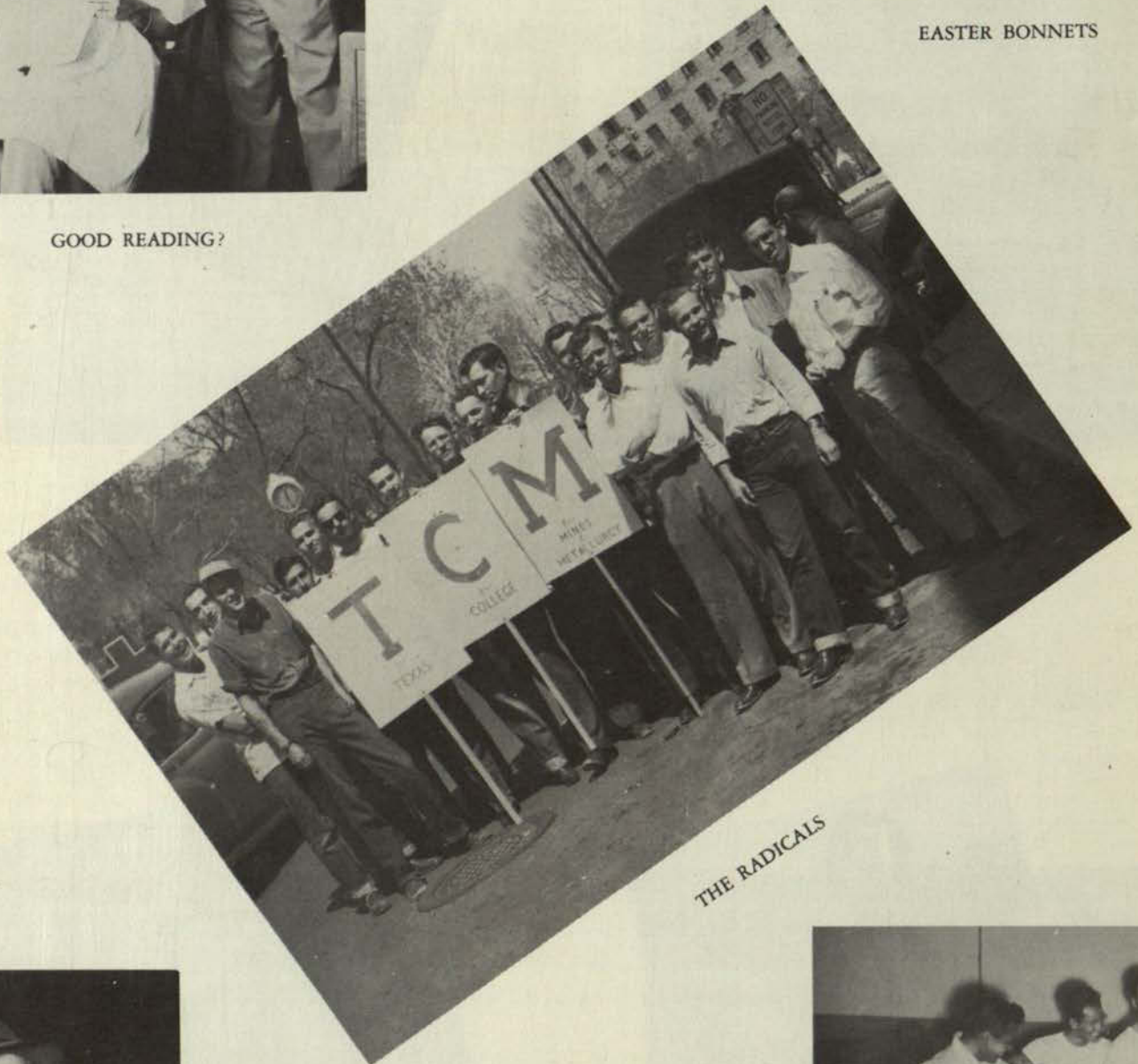




GOOD READING?



EASTER BONNETS



THE RADICALS



THE "YOU'LL BE SORRY" MAN



WHAHAPPEN?





LINES . . . .



LINES . . . .



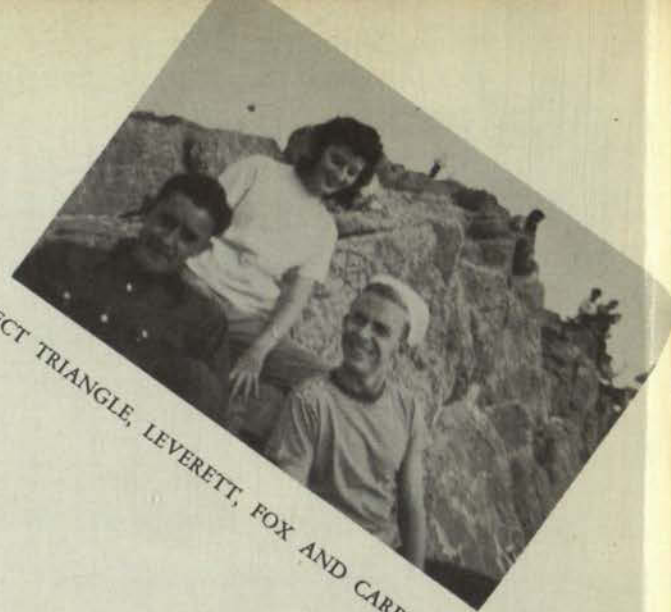
ALWAYS LINES.



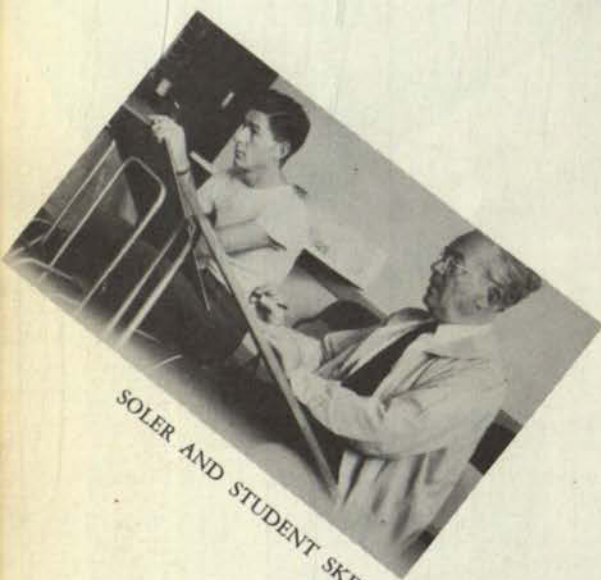


BANG, BANG, YOU'RE DEAD.

THE PERFECT TRIANGLE, LEVERETT, FOX AND CARPENTER



McDANIEL



SOLER AND STUDENT SKETCH.



PETE SNELSON

OOOH THESE DARK ROOMS!

KVOF STAFFERS







COUNCIL MEMBERS OHSWALDT AND STROUP  
STUDY UP ON STUDENT LAW.



JULIE WILLIAMS



YVONE CHANG, PRETTY  
IMPORT FROM CHINA.

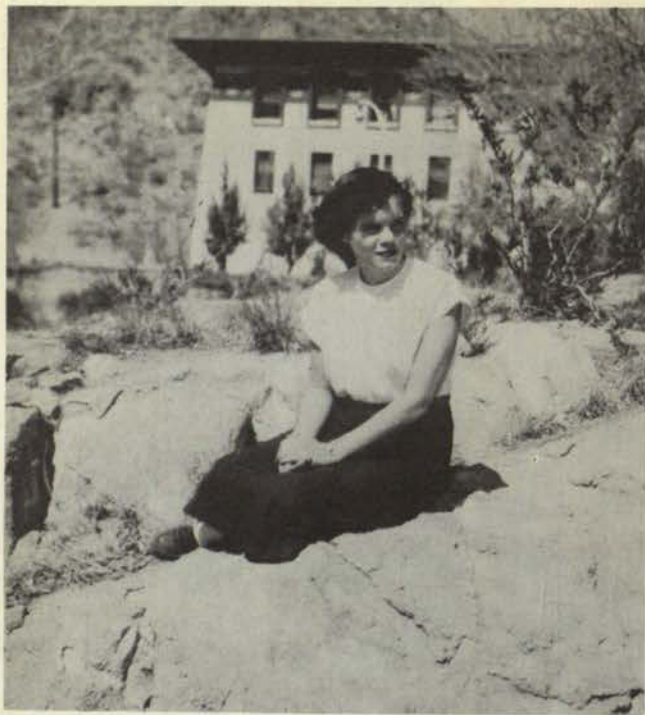
SQUARE DANCE LEADERS SELLY AND DICKINSON.



LAMBIE PIES.







GEOLOGY PROJECT



BEFORE THE BONFIRE



THE WAY SOME PEOPLE PLAY TENNIS!

LET'S GO BACK TO GRADE SCHOOL





ISN'T THAT A CUTE HAT?



THE BETTER PICTURE



SWEET AS IN SUGAR

WISH THAT WAS MY FENCE.



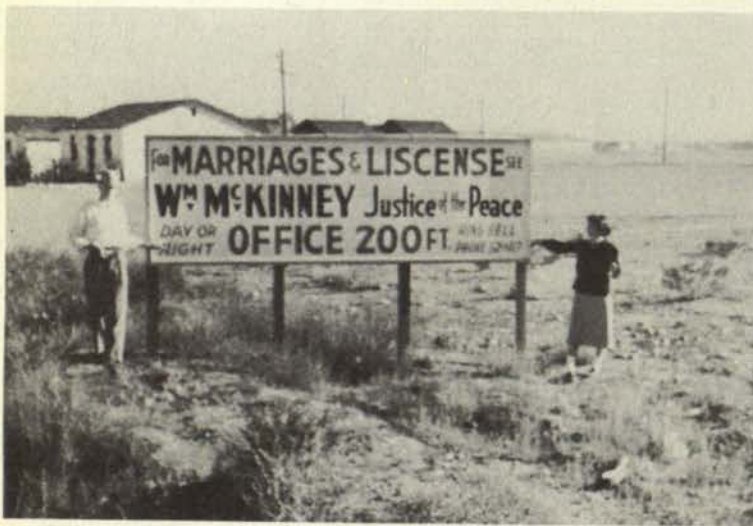




WHISTLE BAIT



FOUR-IN-A-ROW



A MILD HINT



LOAFERS PICNIC

SLY ON LOOKS,



BUT NOT ON THE TRIGGER





"LEGGING" IT



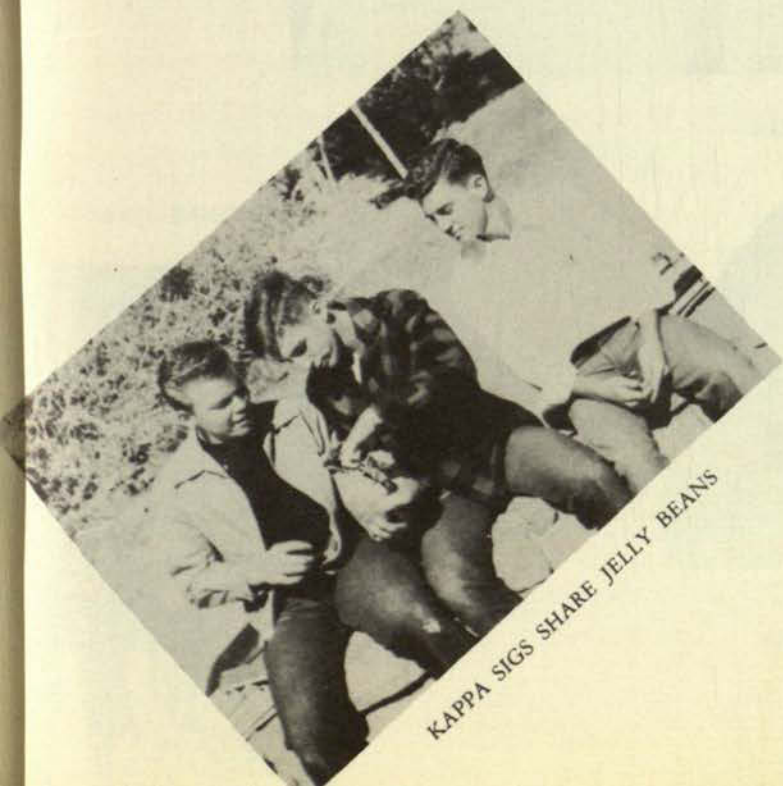
JOURNALISTS EN ROUTE  
TO PRESS CONVENTION



FRANCES DIVINE



JOYCE HUNTER



KAPPA SIGS SHARE JELLY BEANS



CAMERA SHY





SUNSHINE



BE BOP BOYS



LITTLETON AND COOGLER



IMAGINATION

THE BIG BASS BAND FROM TCM

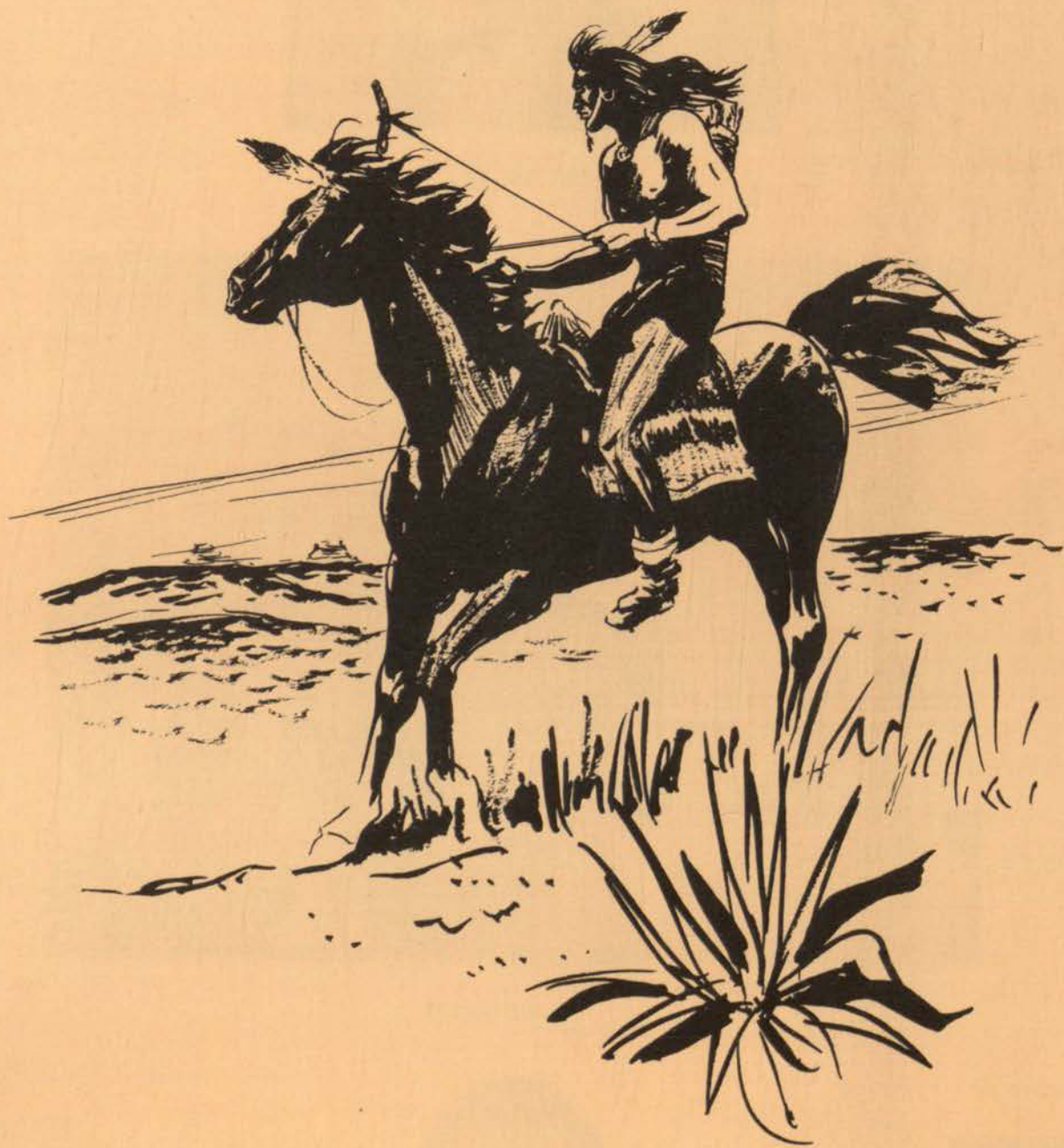


5th AVENUE STYLE



BARBARA



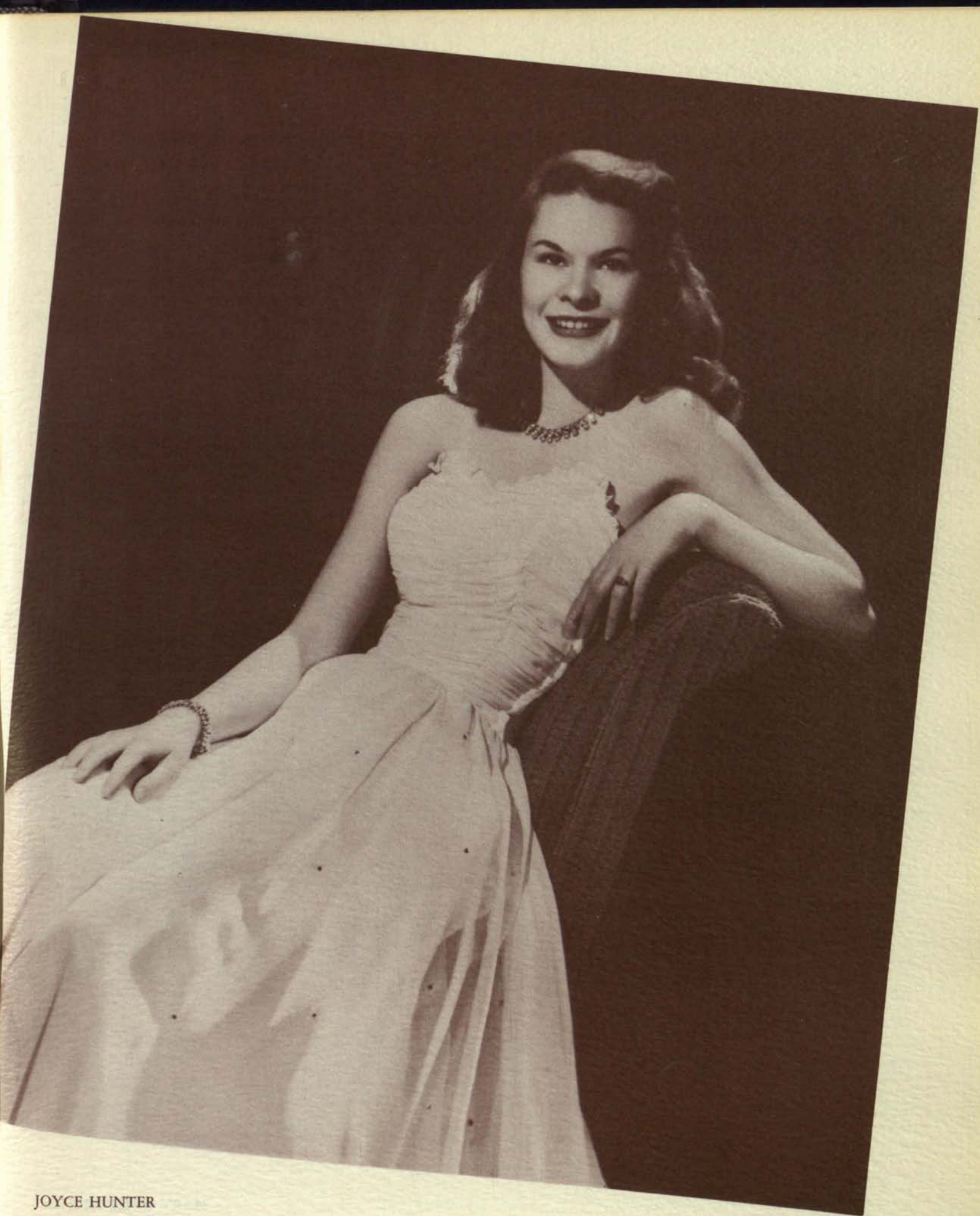


***features***









JOYCE HUNTER

*Most Beautiful Girl*





MARY BETH NICHOLS





PAT MILLIKEN





JEAN BRIDE





MINNIE TRAVIS





JACKIE HALL



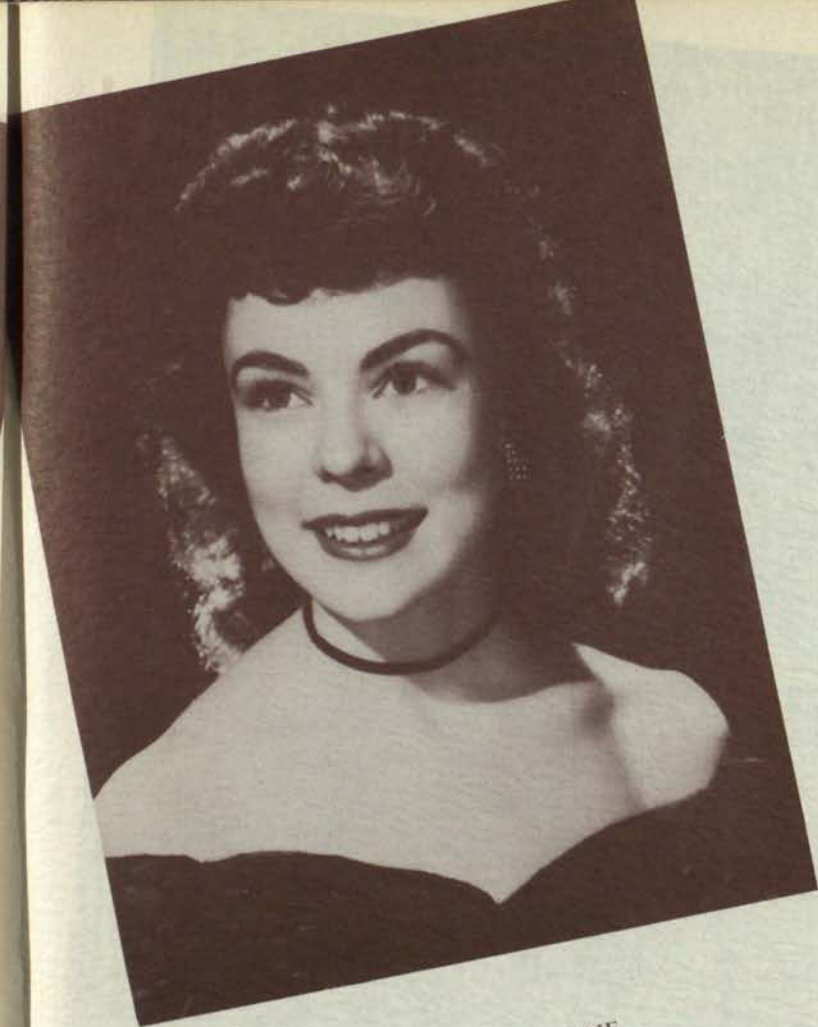
ELLEN LAKE

*Beauty Finalists*

JERRY LAIRD







FRANCES DIVINE



ANITA BROWN

*Beauty Finalists*

BETSY GOODLOE







DICKIE LANDSDOWNE

*Snow Fiesta Queen*





ELAINE LIBBEY

*All Mines Favorite*





JOYCE HUNTER

*Senior Favorite*





BETTY ROSE FRANCIS

*Junior Favorite*





BETSY HOLIK

*Sophomore Favorite*





IRIS ASHTON

*Freshman Favorite*





PAT VESEY



ELAINE LIBBEY

## *Football Duchesses*

PAT MILLIKEN



BOBBIE PRENTISS







FRANCES HOLMSLEY

*Homecoming Queen*





BETTY JAGOE



SARAH JANE STOCKWELL

*Sun Carnival Duchesses*

ELAINE LIBBEY







QUEEN PATRICIA OF THE HOUSE OF MURCHISON

1949 Sun Carnival Queen





BARBARA LUETTICH



BETTY JEAN CASS

*Sun Carnival Princesses*

DOLORES DUNCAN



LA RUE BURCHARD







DIANE HILBURN

*TCM Sun Princess*



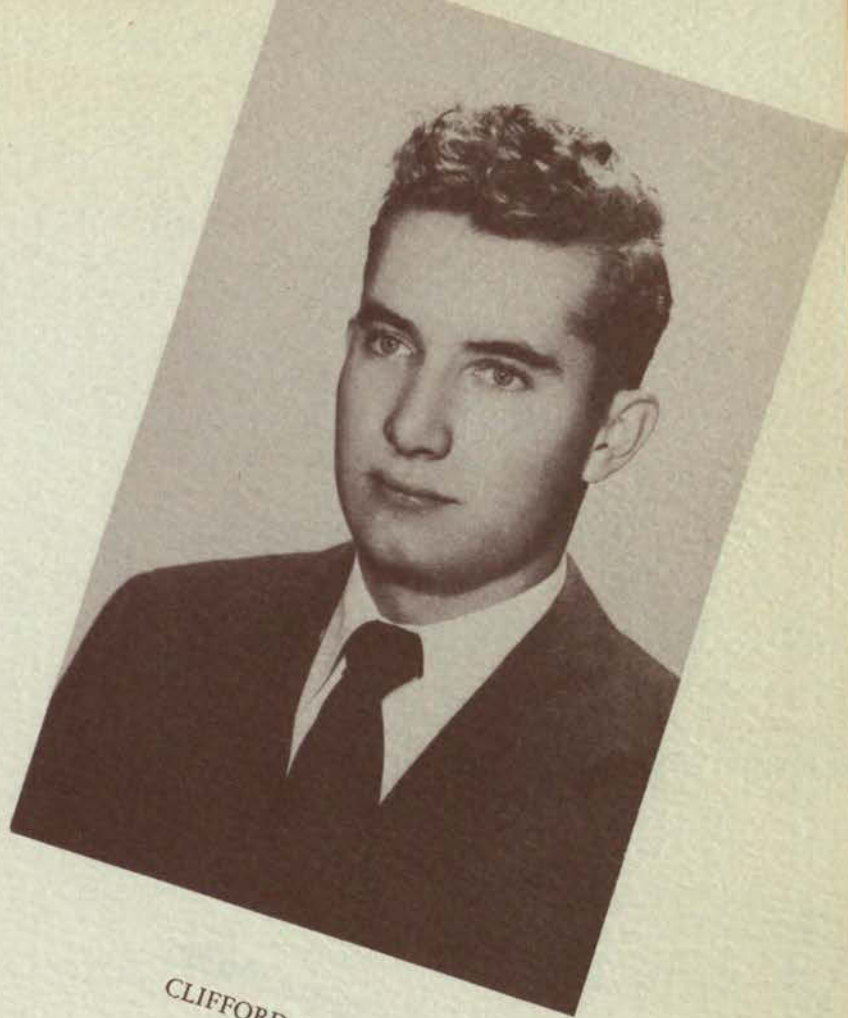


JUDY ARNOLD





WILLIS BEAN



CLIFFORD BRUCE

*Men of Mines*

RAYMOND EVANS







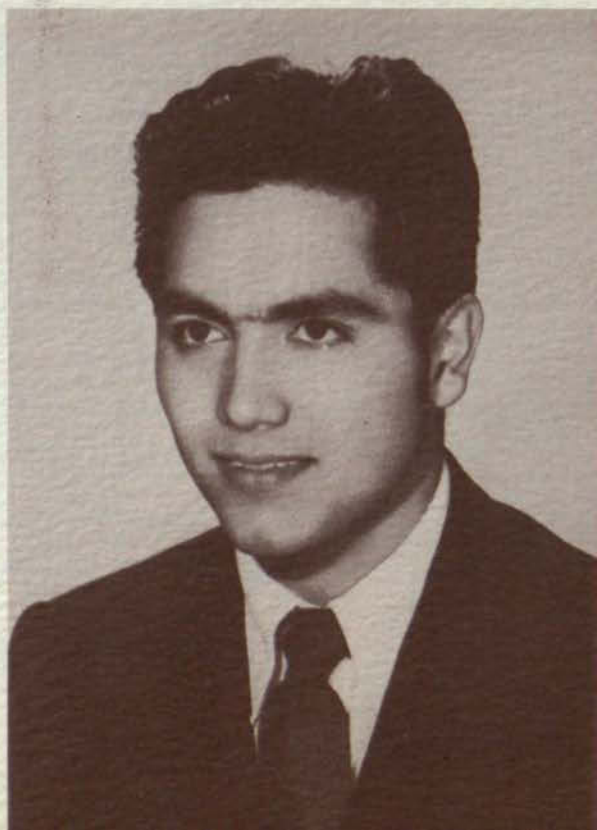
ROBERT FISHER



ROY FISK

*Men of Mines*

GILBERTO GRADO







ROBERT HAMILTON



THEODORE HOWELL

*Men of Mines*

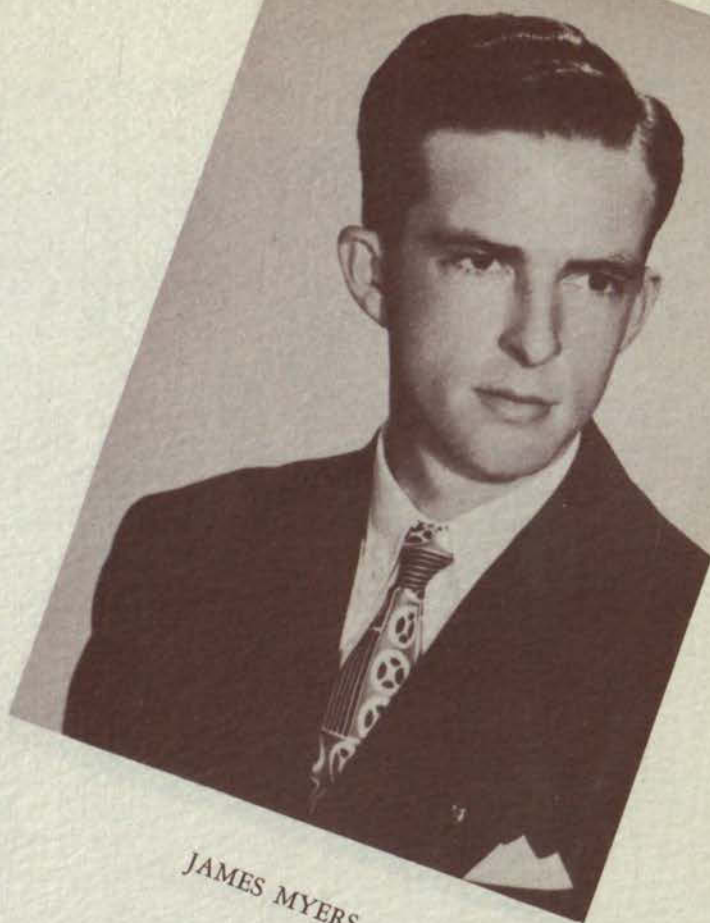
GEORGE KISTENMACHER







RUSSELL MACK



JAMES MYERS

*Men of Mines*

ALONZO SIMS







LLOYD STEVENS



RICHARD TIERNAN

*Men of Mines*

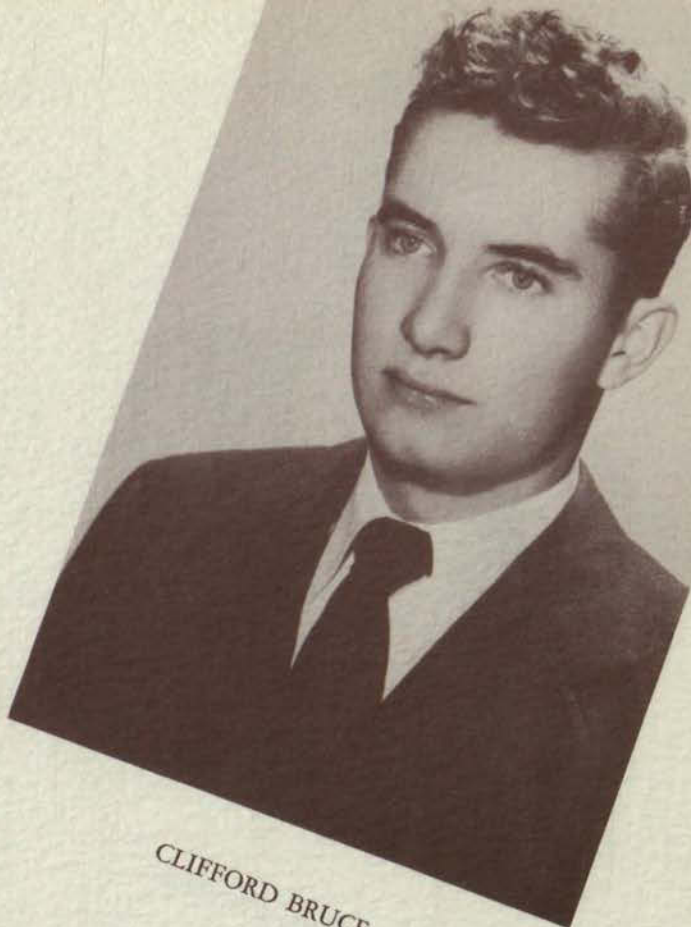
FRED WENDT







NINA LOU BOTHWELL



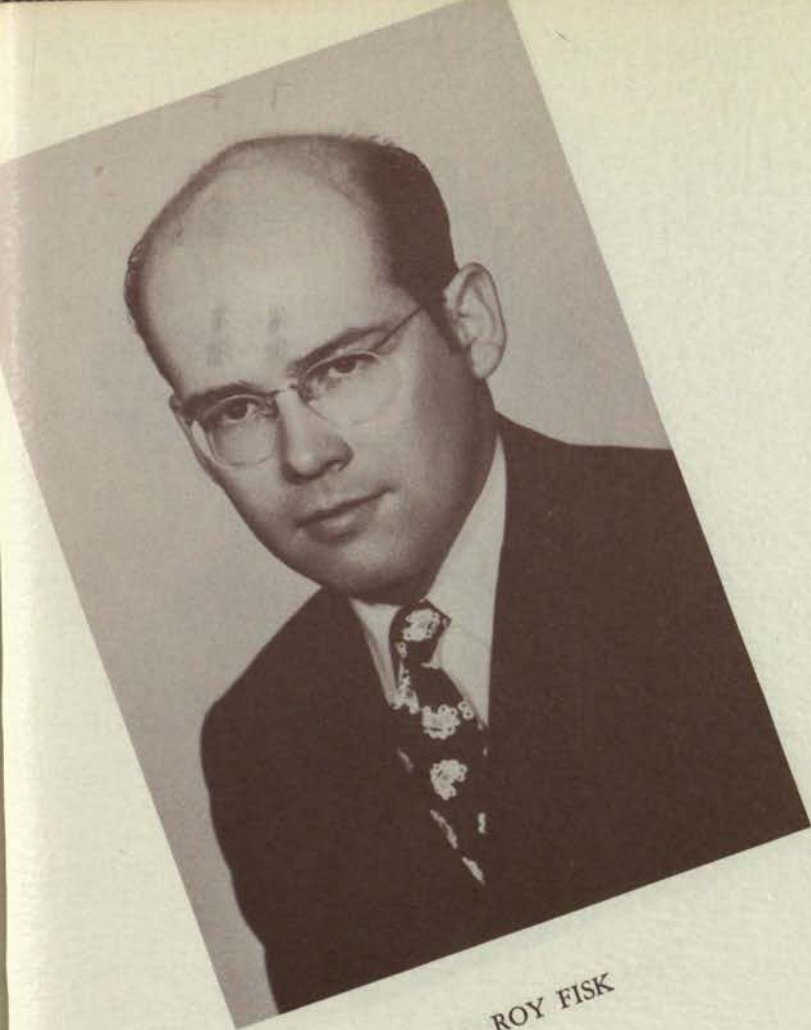
CLIFFORD BRUCE

*Who's Who*

RAYMOND EVANS







ROY FISK



JO FREEMAN

## *Who's Who*

ELMER GROUNDS







ROBERT HAMILTON



STELLA ANNE HESLER

*Who's Who*

GLORIA HOLMES





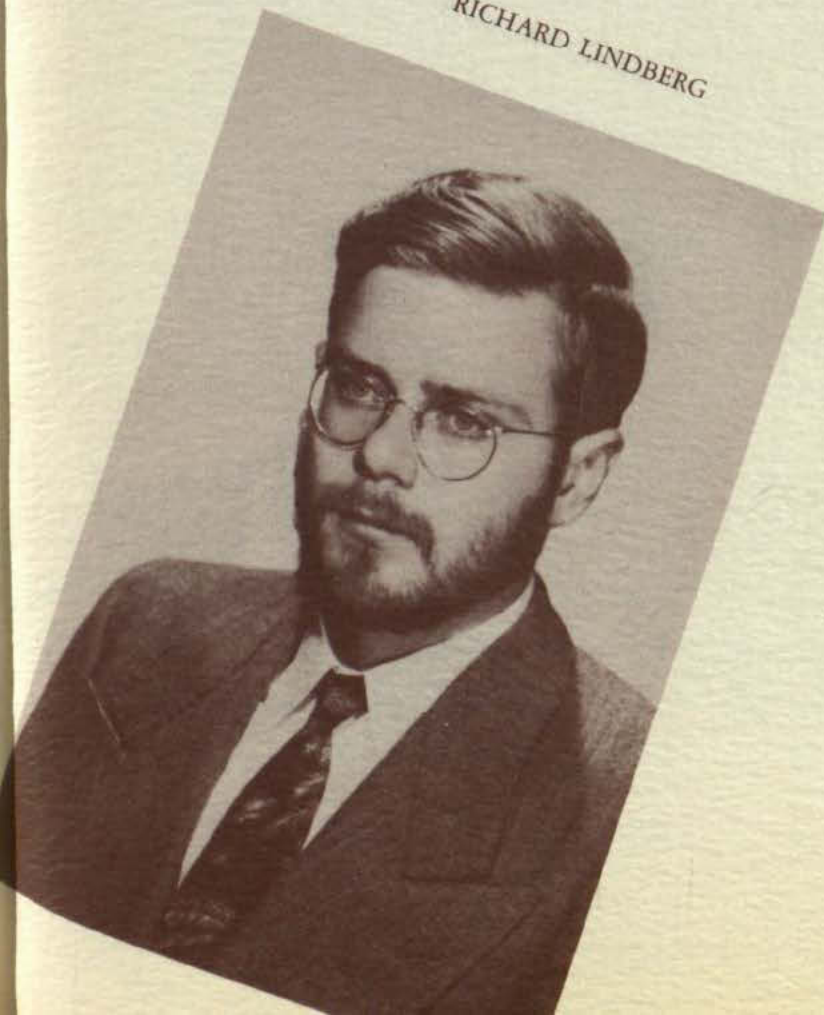


JOYCE HUNTER



GEORGE KISTENMACHER

*Who's Who*



RICHARD LINDBERG



RUTH MERRITT





NANCY MILLER



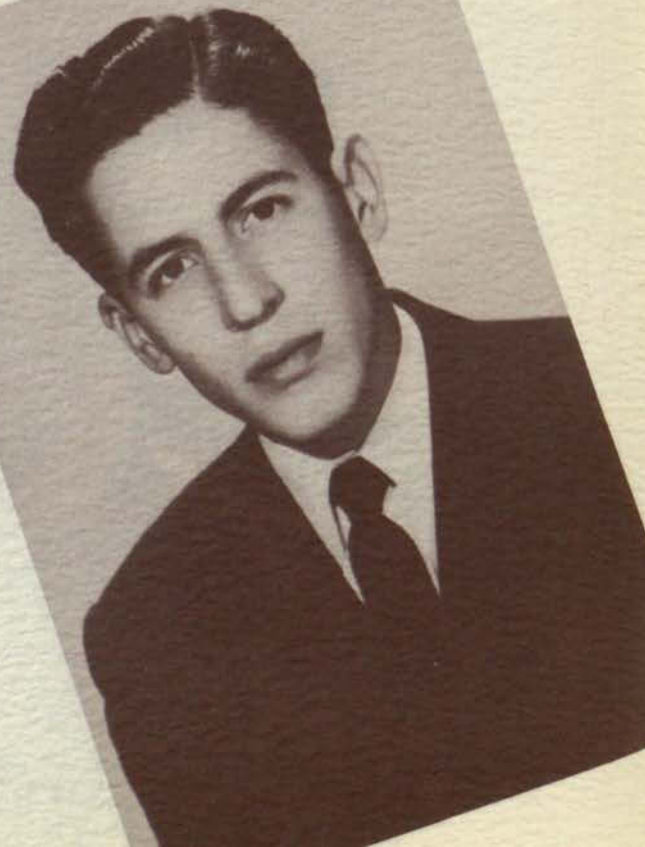
DELLA PIXLEY

*Who's Who*

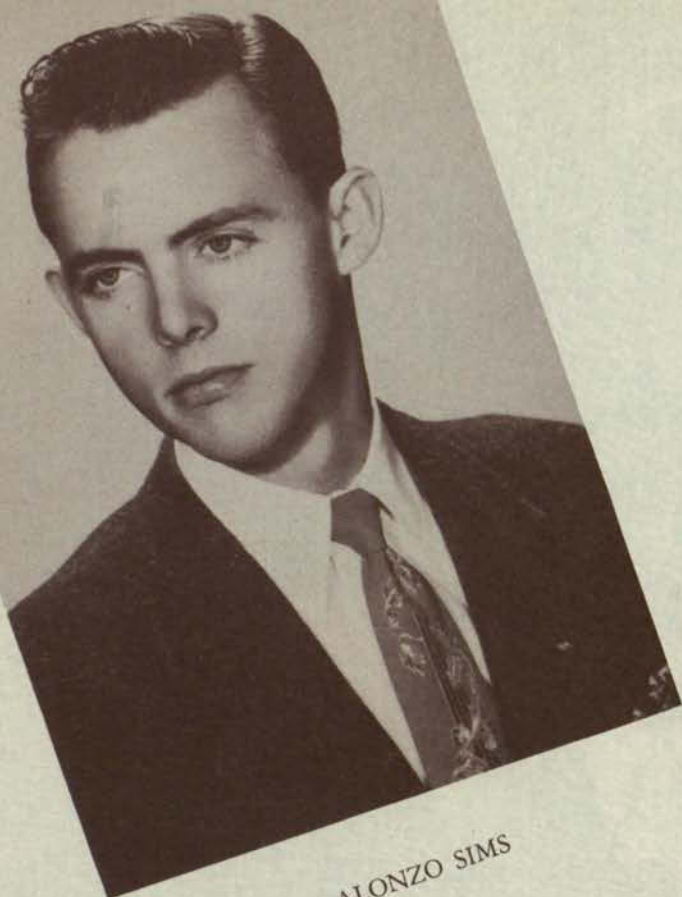
ELIZABETH RHEY



ROBERTO SALAZAR







ALONZO SIMS



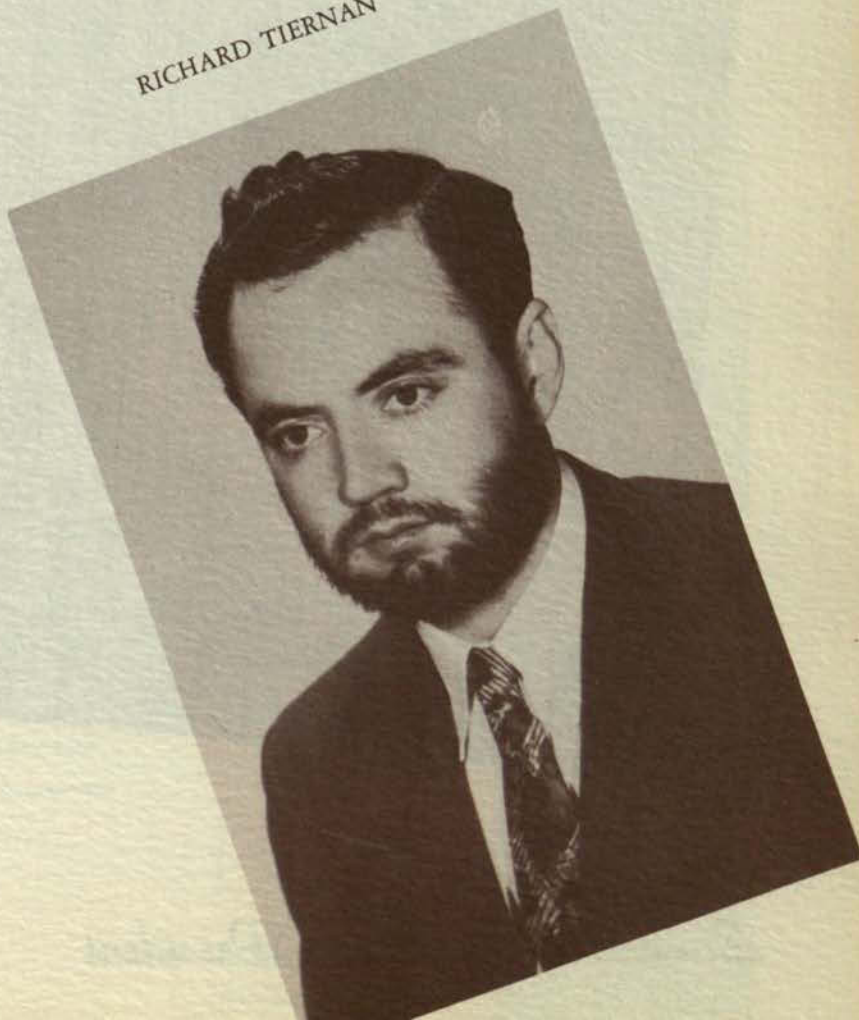
LLOYD STEVENS

*Who's Who*

BEBE TIGHE



RICHARD TIERNAN







RAYMOND EVANS

*Student Association President*



## ***Student Council***



ELAINE LIBBEY  
*Vice-president*



CHARLES McBRIDE  
*Treasurer*



ELIZABETH RHEY  
*Secretary*



BETSY GOODLOE  
JIMMY HAMMOND (Not shown)  
*Academic Representatives at Large*



DICK LINDBERG  
EARL RICHARDS  
*Engineering Representatives at Large*



CLIFFORD BRUCE  
STELLA ANN HESLER  
*Senior Representatives*



ELLEN LAKE  
RAY MAXWELL  
*Junior Representatives*



PAUL BRIESH  
OSCAR ALBRITTON  
*Sophomore Representatives*



BETTY STROUP  
DONNIE OHSWALDT (Not shown)  
*Freshman Representatives*

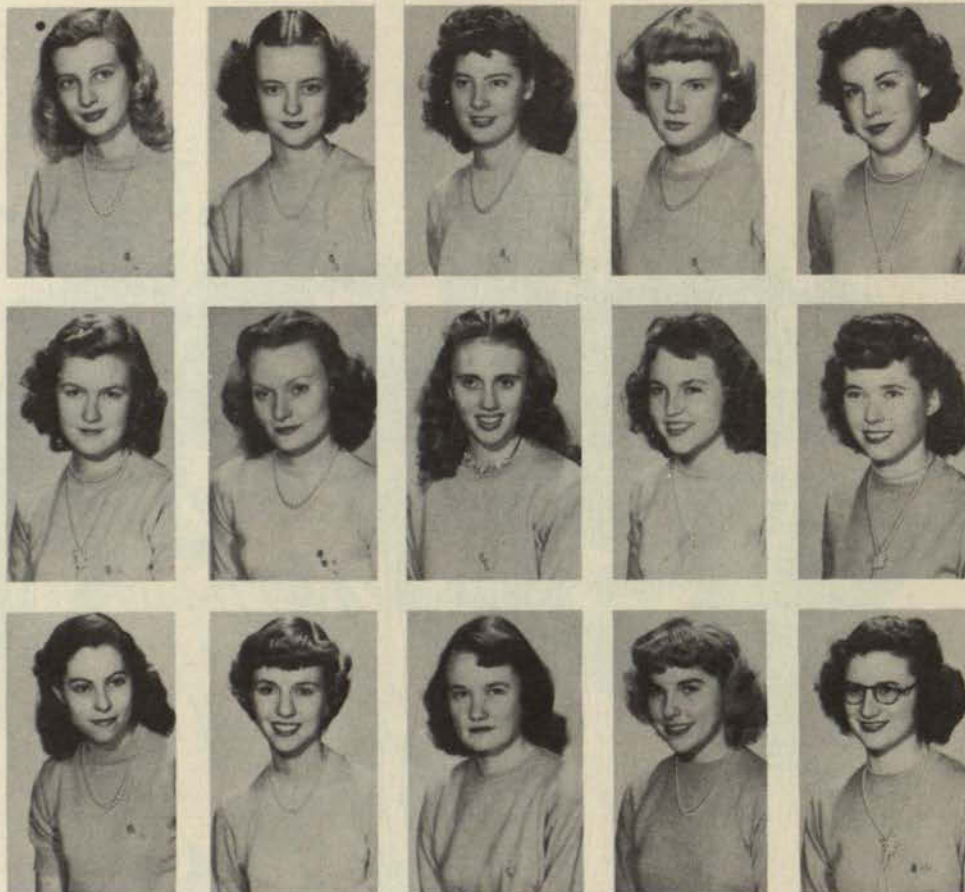






***organizations***





*First Row:* MORRIS, SANDERSON.

*Second Row:* WALL, HICKS, FOX, MARS, LAIRD.

*Third Row:* BELL, ADAMS, MARS, INGRAM, DREES.

*Fourth Row:* PIXLEY, MAXWELL, GODWIN, OBERLING, BOTHWELL.

## *Chi Omega*

DELLA PIXLEY  
*President*

VERA WISE  
*Sponsor*



### MEMBERS

WINONA MAE ADAMS  
ELIZABETH BARTLEY  
FRANCES BELL  
NINA LOU BOTHWELL  
BONNIE JEAN CATHEY  
MARILYN CORBIN  
RUTH DREES  
DOLORES EDMUNDSON  
MARY ETHEL FOX  
TOMMIE JEAN FOX  
BETTY ROSE FRANCIS  
CAROLYN GARY  
NORMA JO GODWIN  
BETTY LOU GOODLOE  
MARY ETHEL HICKS

GERALDINE LAIRD  
GLORIA LEON  
PATRICIA MARS  
VIRGINIA MARS  
JOYCE MAXWELL  
SUE JANE MAYFIELD  
RUTH MERRITT  
AUDREY MORRIS  
DELLA MAE PIXLEY  
DIANE POWELL  
ALMA RUSS  
VERAGENE SANDERSON  
NANCY SELLY  
JUNE WAID  
ALICE NAN WALL

BARBARA INGRAM





## ***Chi Omega***

### *Spring Pledges*

NANCY ALLEN  
CHARLEEN GRAY  
ANN MILBURN  
PATRICIA ROE

### *Fall Pledges*

*First Row:* MARY LOU PRESTON, JEANNINE PONDER, MILDRED LOWRIE, JEAN BRIDE, LA RUE BURCHARD.

*Second Row:* BARBARA GLINES, JACKIE HALL, BETTY CASS, POLLY FORD, PAT BURNETT, SUE STOVALL and JOANNE WRIGHT.

*Third Row:* BARBARA BANNER, JOANNE HAGGARD, LORRAINE RICHARDS, MONA SARGENT, FREDDA PETERS and SAMMIE GRISSON.

*Not Shown:* REVELLE ROBINSON, THELMA HARRIS, NORMA LEHMAN and JACKIE MADDOX.







*First Row:* STROUP, HOLMSLEY, BRAMWELL.  
*Second Row:* ARLEDGE, VAN TREASE, NELSON, ARNOLD, JACKSON, REYNOLDS.  
*Third Row:* RICHARDS, RICHARD'S, HESLER, NIELSON, TOPP DOUGLAS.  
*Fourth Row:* ARNOLD, TROST, LAKE, ARNOLD, BILLS; JOHNSON.

## Delta Delta Delta

STELLA ANNE HESLER  
*President*



MRS. J. T. REYNOLDS  
 MRS. HOWARD QUINN  
*Sponsors*

### MEMBERS

FRANCES ARLEDGE  
 CHARLOTTE ARNOLD  
 JUDY ARNOLD  
 DOROTHY BILLS  
 BARBARA BRAMWELL  
 MARY DARR  
 MARY LOUISE DOUGLAS  
 MARION GOFF  
 MARION HESLER  
 STELLA ANN HESLER

FRANCES HOLMSLEY  
 JEAN JACKSON  
 MARY JOHNSON  
 ELLEN LAKE  
 BENNA LEE NELSON  
 SUSAN REYNOLDS  
 BETTY STROUP  
 SUE TOPP  
 MARION TROST





### *Spring Pledges*

BARBARA BOWDEN  
DORIS BOWDEN  
FAYRENE BURDEN  
BOBBIE CURTAIN  
SALLY ECKHART  
BETTY HARRIS  
NANCY HOPKINS  
CHRISTINE ROWE



## ***Delta Delta Delta***

### *Fall Pledges*

*First Row:* SHIRLEY BOWMAN, FRANCES DIVINE, LYNNEL HENRY, JEAN WILCOX, JACKIE HUGHES, LOUISE PINNELL, EDDY JEAN PRUETT, MARY BETH NICOLS, MARY LOU NEELY.

*Second Row:* BETTY PATTON, IRIS ASHTON, NANCY KUHN, MARY ELLEN KLINE, MILADEAN SHELTON, BARBARA KNIGHT, JESSIE SURRATT, ELSIE THOMAS, NANCY RADCLIFF, KAY BYERS.

*Third Row:* BETTY JAGOE, BARBARA WHITE, DOROTHY RIGDON, VIRGINIA HARRIS, PEGGY WATERHOUSE, JOAN CAREY, ROSE MARY LUDLOW, ANN VAN WINKLE, BETSY HUDSON.

*Not Shown:* HELEN PAXTON, JO ANN WILSON.







*First Row:* BONGARD, FRANK, GRAMLY.

*Second Row:* HOLMES, FARNSWORTH, PRESCOTT, TIERNAN.

*Third Row:* RICKEL, SCHLOTTMANN, CAIN, MEAGHER.

## ***Delta Gamma***

JEAN SCHLOTTMANN  
*President*

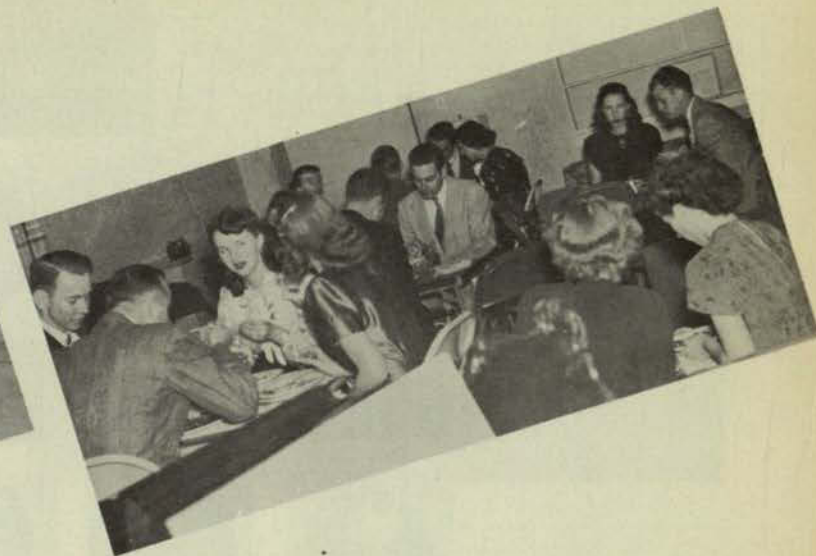
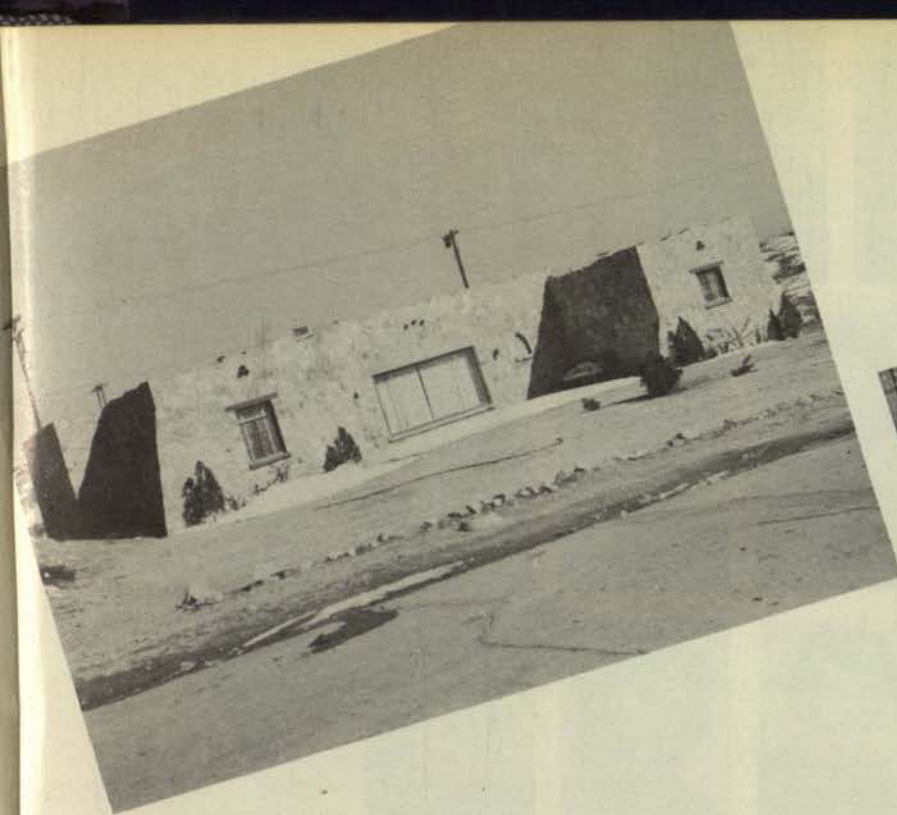
### ACTIVES

MISS NELL FRANCIS  
*Sponsor*



BARBARA BONGARD  
FAYE CAIN  
SHIRLEY FARNSWORTH  
MARGARET FRANK  
MARY MARGARET GRAMLY  
GLORIA HOLMES  
JANICE MEAGHER  
JOYCE PRESCOTT  
PATTY RICKEL  
JEAN SCHLOTTMANN  
EILEEN TIERNAN





## ***Delta Gamma***

### *Pledges*

*First Row:* DONNA PARSONS, MIMI RECTOR, BOBBIE SPELLERBURG, JACKIE JOHNSON.  
*Second Row:* DOLORES DUNCAN, JEAN HICKS, WILNA SREDANOVICH, MARGARET CRAWFORD.







*First Row:* GRAF, WEST

*Second Row:* LUNDELL, RHEY, FUNK, KLOHS, AXSTER

*Third Row:* DAKAN, BRAUN, JAMES, KLINK, LANDSDOWNE

*Fourth Row:* VICKERS, HANNAN, CALISHER, BEHRMAN, CROWELL

ELIZABETH RHEY  
*President*

## PHRATERES

MRS. LOUISE RESLEY  
MRS. W. T. COLLINGWOOD  
*Sponsors*

### MEMBERS

WENDELIN AXSTER  
BARBARA BEHRMAN  
DOLORES BRAUN  
BARBARA CALISHER  
MARILYN CROWELL  
COLLEEN DAKAN  
BETTY JO FUNK  
NORMA GRAF  
WILLIMAY HANNAN  
LYNN HOLLINS

MATTIE BETH JAMES  
PAULINE KLINK  
CHARMIAN KLOHS  
DICKIE LANDSDOWNE  
BILLIE MAE LUNDELL  
ELIZABETH RHEY  
HELEN ROSENBERG  
BILLIE MAE VICKERS  
MARY ELLEN WELLS  
BILLIE JOYCE WEST







# PHRATERES

VIRGINIA DAKAN  
DORIS FRIEDMAN  
VIRGINIA PRESLEY  
MARILYN ROGERS  
PHYLLIS ROSENBERG  
OUIDA STONE  
TREVA THOMPSON

*Fall Pledges* First Row: IRENE FARRA, SALLY DAVIS, MARILYN RHOADES, DOLLY JAFFEE, ANGELINA MOWAD, EVELYN WHITNEY.  
Second Row: DOLORES MAFFEI, MARTHA DUCHOUQUETTE, MARJORIE BREWER, WYNELL TERRY.







*First Row:* PIATT, MILLER, ELLIOT, TOMPKINS

*Second Row:* BROWN, MURRAY, VINCENT, LITTLETON, TIGHE, RESLER, BROWN

*Third Row:* BURCHELL, WRIGHT, SATTERWHITE, CONE, HARGETT, GREULING  
McDANIEL

*Fourth Row:* NAYLOR, MURCHISON, HOLIK, NORMAN, MIDDLETON, HUNTER,  
HEINKEL

MARGO CONE  
*President*

## ***Zeta Tau Alpha***

DR. GLADYS GREGORY  
*Sponsor*



LUCENE BILLING  
BARBARA BROWN  
ANITA BROWN  
HELEN BROWN  
DUFFY BURCHELL  
WINIFRED BUTTRY  
MARGO CONE  
ELAINE DERRICK  
MARY LOUISE DUGAN  
ANN ELLIOTT  
POSEY FOX  
DAURICE GORNER  
JOANNE GRUELING  
MARTA HARGETT  
JOAN HEINKEL  
LILLIAN HENNING  
BETSY HOLIK  
JOYCE HUNTER  
JOY KROEGER  
JEAN LITTLETON

DIDO LIVINGSTON  
CORAL McCRAY  
ELINOR McDANIEL  
BETTY MIDDLETON  
JOANNE MILLER  
NANCY MILLER  
PATRICIA MURCHISON  
JUNE MURRAY  
MARGARET NAYLOR  
BARBARA NORMAN  
JANE PIATT  
BONNIE RESLER  
GEORGIA SATTERWITE  
SARA JANE STOCKWELL  
BEBE TIGHE  
LAURA ANN TOMPKINS  
ANNABEL VINSON  
FRANCIS WARD  
JULIE WILLIAMS  
BARBARA WRIGHT





### *Spring Pledges*

DOLORES BOONE  
JIMMIE COLLINS  
HONEY EARP  
DOROTHY GUYNES  
JANE HOLDER  
CYNTHIA MEANS  
DIANE ORNDORFF  
JOHN ANNE PRICE  
BARBARA SCHWENKE

### **ZTA Fall Pledges**



### *Fall Pledges*

*First Row:* DOROTHY GUYNES, ELOUISE PICKERING, MINNIE TRAVIS, CYNTHIA MEANS, CAROLYN HUCTION.

*Second Row:* BARBARA REYNOLDS, CEOLA HAINZE, PAT MILLIKEN, DOROTHY JEAN McCABE, ALICIA RUTTER, POLLY SADLER.

*Third Row:* BARBARA TITUS, BARBARA LUETTICH, PAT VESEY, RITA RIKE, VIRGINIA RUTTER, DELO KIMMEL.

*Not Shown:* ALICIA BROWN, JACKIE OSBORNE, BOBBY PRENTISS.







*First Row: ZAU, GUTIERREZ, WATERSON.*

*Second Row: IZQUIERDO, CORTES, HEREDIA, SALEM.*

*Third Row: DAW, McCAMANT, RUBALCAVA, MONTELONGO.*

## ***Independent Women***

STELLA McCAMANT  
*President*



MISS MARY ALICE REAVIS  
*Sponsor*

### **MEMBERS**

MARY ANAGNOSTOU  
FRANCES BRADEN  
FANNIE CHOW  
ALMA JEAN COHN  
MARGO CORTES  
PEGGY CURTIS  
ESSIE DAW  
SARA DOU  
MELBA ESPERSON  
GEORGIA GUTIERREZ  
TONI HEREDIA  
OPHELIA IZQUIERDO  
BETTY KERNELL

LEUTA LEMBACK  
ESTELLA McCAMANTO  
FLORIA MONTELONGO  
DORA ORTEGON  
PHYLLIS POLLAKOFF  
LUPE RANGEL  
DEE ROBERTS  
ALICIA RUBALCAVA  
LOLLY SALEM  
EDNA WARDY  
MARY WATERSON  
DORA ZAU





*First Row: MERRITT, HESLER, PIXLEY, TIGHE, CONE.  
Second Row: GORDON, JACKSON, MEAGHER.*

## ***Pan Hellenic Council***

BEBE TIGHE  
*President*

### MEMBERS

MARGO CONE  
JEAN GORDON  
STELLA ANN HESLER  
JEAN JACKSON  
JAN MEAGHER  
RUTH MERRITT  
DELLA PIXLEY  
BEBE TIGHE







*First Row:* COBOS, BENCOMO, VILLA, LOPEZ

*Second Row:* SANCHEZ, CHAVEZ, LOPEZ, PROVENCIO, CHAPARRO

*Third Row:* MONEDERO, BUSTAMANTE, OAXACA, SAUCEDO, CABALLERO, SERNA, GRADO

*Fourth Row:* SALAZAR, ORTEGA, FLORES, SOLIS, VERA, MORA, PINEDA

## ***Mu Epsilon Chi***

DR. C. L. SONNICHSEN  
*Sponsor*

ROBERT SALAZAR  
*President*

### MEMBERS



MARCELINA AGUILAR  
ALICIA ALARCON  
JOSEFINA ARAUJO  
JULIA ROSE BENCOMO  
ROBERTO BUSTAMANTE  
OSCAR CABALLERO  
FERMIN CABALLERO  
HENRY CHAPARRO  
HORACE CHAVEZ  
HENRY COBOS  
CARMEL DE LA TORRE  
ISELA DIAZ  
ELDA DURAN  
HORTENCIA ESPARZA  
ARMANDO FLORES  
JOE GARCIA  
MIGUEL GRADO  
PETE GONZALEZ  
HENRY HOLGUIN  
EDGAR JIMENEZ  
ANDRES LOPEZ  
HENRY LOPEZ  
MARTHA MONEDERO  
JOE MORA

FERNANDO OAXACA  
ESPERANZA ORTEGA  
PAUL PINEDA  
ALFREDO PINON  
VESTINA PROVENCIO  
ALICE RIVERO  
ADELA RODRIGUEZ  
ROBERTO RUEDA  
ROBERTO SALAZAR  
DAVIS SANCHEZ  
STELLA SAUCEDO  
JOE SERNA  
BASILIO SOLIS  
GLORIA UZETA  
HENRY VALDEZ  
MARTHA VOILDIRIEZ  
ESTELA VASQUEZ  
MARIA VERA  
MAGDALENA VILLA  
ENRIQUE VILLANUEVA  
ELSIE WILKS  
GABRIEL YAPOR  
ELISA YIP









*First Row: WARD, BARBER, KING.  
 Second Row: COPE, IRBY, BROWN, LINDBERG.  
 Third Row: DE ZAVALA, CARR, WARD, NEILL.*

## ***Alpha Phi Omega***

**FRANK BARBER**  
*President*

**EUGENE M. THOMAS**  
*Sponsor*



### **MEMBERS**

FRANCIS BARBER  
 HERB BRASSEUR  
 JACKSON BROWN  
 WARREN CARR  
 LOUIS COPE  
 CLIFFORD BRUCE  
 WALLACE DOW  
 LARRY DE ZAVALA  
 R. L. HAMILTON  
 THEODORE HODGES  
 TRAVIS IRBY

ROBERT KING  
 R. E. LINDBERG  
 JOHN EDWARD LITTLE  
 JAMES LUNDY  
 JOHN NEILL  
 ROY PRITCHARD  
 ROBERT SMITH  
 O. T. WARD  
 TEXAS WARD  
 J. HEMLEY



# Alpha Phi Omega



*Spring Pledges*  
MALCOM BOSWELL  
GILBERT CARTER  
CHARLES JENSEN  
ROBERT MYERS  
JAMES THOMAS



## *Fall Pledges*

*First Row:* JOHN HENDERSON, TREADWELL SCHMITT,  
BOB CONDON, CHARLES FUENTES  
*Second Row:* FRANK GLAZE, MILLARD BROWN, SAM CHRISTO, HECTOR ROCHIN,  
FRANK REID, ROY ALLEN, OSCAR ALBRITTON, VOY ALTHAUS, BILL SPOON, SAM  
KING, CECIL KIRCHNER  
*Not Shown:* STEWART J. CUNNINGHAM, JAMES MILLICAN, JOE OLIVER, JOHN  
SINDORF







*First Row:* DURHAM, MOORE, GRIFFIN, FARLOW, HILL

*Second Row:* PAREDES, CARPENTER, MARTIN, SHOCKMAN, BILLING, BOWINGTON

*Third Row:* STEWART, FOSTER, YAEGER, McCRAW, FOSTER, MEAGHER

## ***Tau Kappa Epsilon Colony***

BYRON FARLOW

*President*



WILLIAM S. STRAIN

JOSEPH JAMES

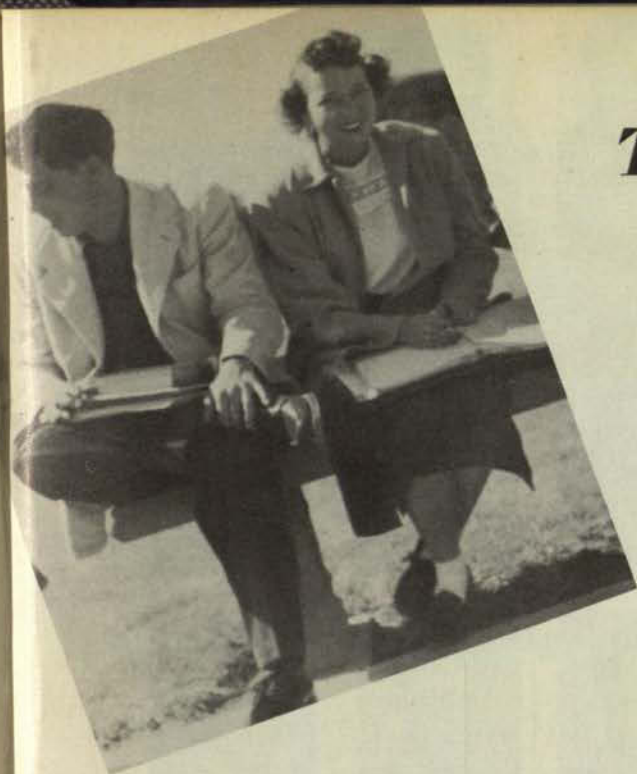
*Sponsors*

### MEMBERS

JACK BILLING  
ROBERT BOWINGTON  
JIMMY CARPENTER  
JOE DURHAM  
BYRON FARLOW  
JAMES FOSTER  
LARRY FOSTER  
CHARLES GRIFFIN  
CHARLES HERSCHBERGER  
FRED HILL  
ROBERT MARTIN  
MAC McCRAW  
BILL MEAGHER  
ARTHUR MOORE  
OLIVER PAREDES  
TOM SHOCKMAN  
JAMES STEWART  
HAROLD VAN KLEECK



# ***Tau Kappa Epsilon Colony***



*First Row:* FRED HILL, BARNEY FARLOW, MURRAY YAEGER, JOHN BIZZELL.

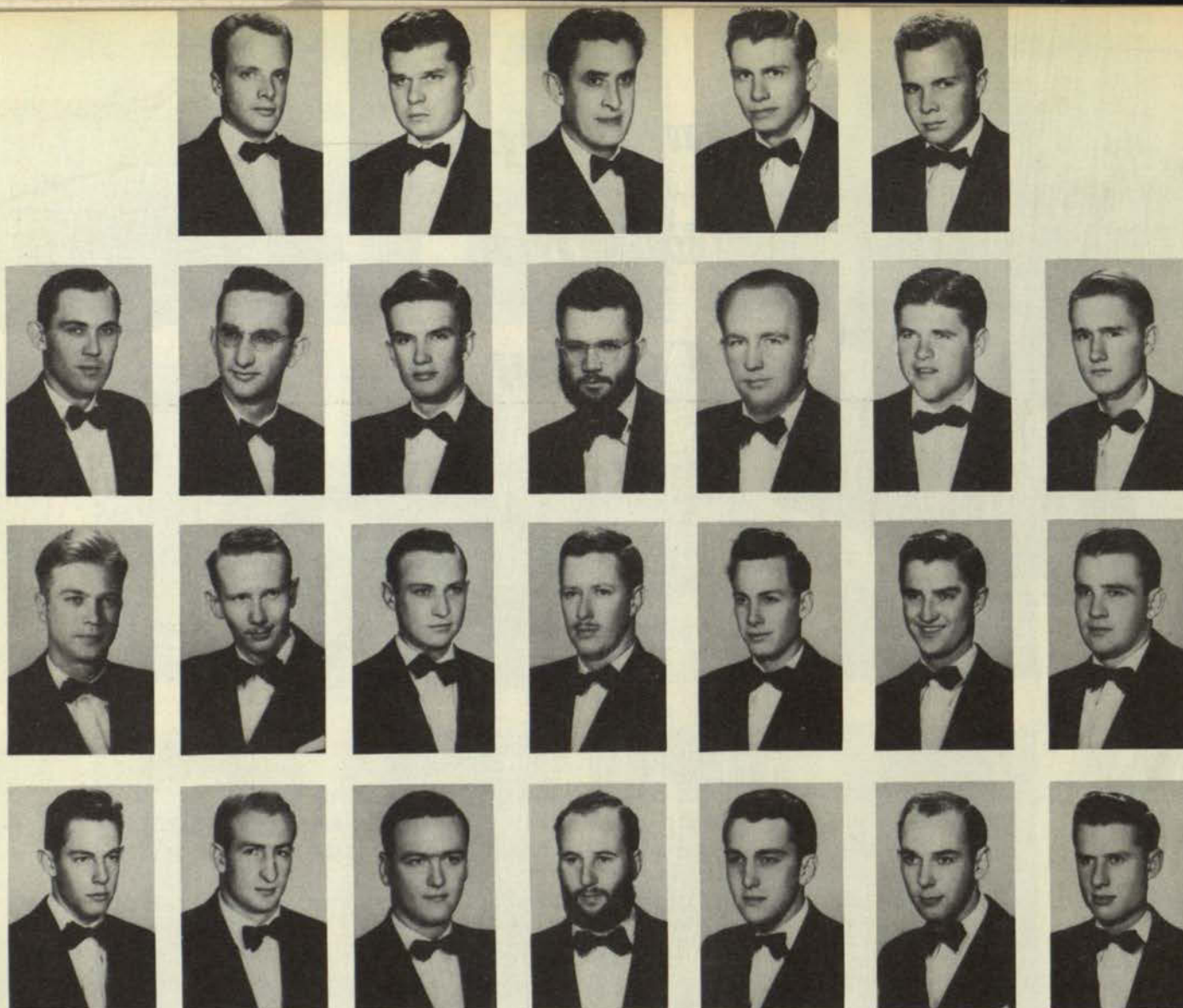
*Second Row:* ROB COLES, OLLIE PAREDES, LARRY FOSTER, JIM CARPENTER, JIM FOSTER.

*Third Row:* BILL RHEY, HAWLEY RICHESON, BOB BOWINGTON, SAM MARUSICH, MAC McCRAW, JOE DURHAM, GEORGE WARDY.

*Fourth row:* TOM SHOCKMAN, CHARLES GRIFFIN, BERNARD FARWICK, GILBERT MALOOLY, CHARLES HERSHBERGER, BILL MEAGHER.







*First Row:* TILNEY, McKAYE, LEVERETT, GALBRAITH, LOWENFIELD.

*Second Row:* TEAT, DAVIS, BLACKHAM, BARDSLEY, HARMAN, COATES, TURNER.

*Third Row:* WOEHLER, EHRENSTEIN, CLEVELAND, ARES, BAKER, BLACKWELL, DAMEWOOD.

*Fourth Row:* BAKER, FOGLE, WERLE, DUNN, ANDERSON, NICHOLS, COOK.

## ***Kappa Alpha Chi***

HALDEEN BRADDY  
O. H. McMAHAN  
*Co-Sponsors*

KEN GALLUP  
*President*



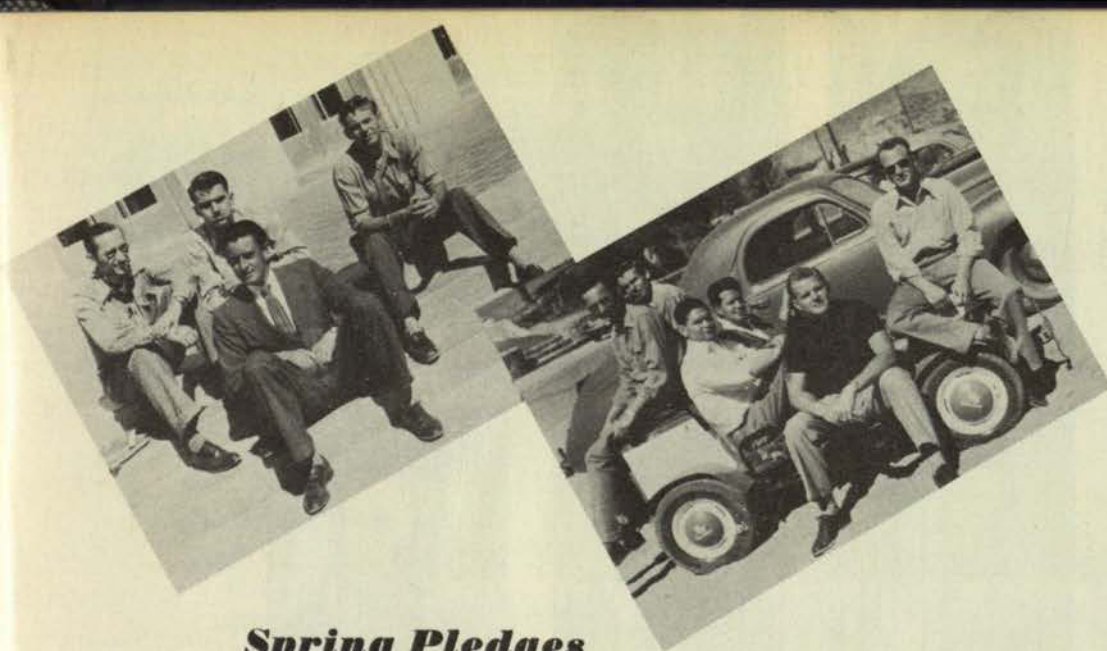
### MEMBERS

JAMES ANDERSON  
KENNETH ARES  
GENE BAKER  
NEIL BAKER  
BLYTHE BARDSLEY  
SAM BLACKHAM  
WILLIAM BLACKWELL  
CLIFFORD BLATCHLEY  
JOHN BROADDUS  
WILLIAM CHESAK  
ROYCE CLEVELAND  
HIGH COATES  
THOMAS COOK  
GLENN DAMEWOOD  
RICHARD DAVIS  
CHARLES DUNN  
SI EHRENSTEIN  
JOHN FOGLE

ROBERT GALBRAITH  
KENNETH GALLUP  
CLARENCE GILBREATH  
WALTER HARMON  
WILLIAM JONES  
CHARLES LEVERETT  
FORREST LEWIS  
WALLACE LOWENFIELD  
MAXWELL McKAYE  
ROBERT MILLER  
PAUL NICHOLS  
KENNETH STEPHENS  
MAX TEAT  
ALBERT TILNEY  
FRANK TREW  
LESLIE TURNER  
JACK WERLE  
WAID WOEHLER

DANNY FRASER





## ***Spring Pledges***

BEATON, WILLIAM L., JR.  
BENNETT, JULES G.  
BREWSTER, RALPH  
EHRENSTEIN, PERRY R.  
FOSTER, HERMAN  
NIELSON, RICHARD A.  
STEELE, JACK



# ***Kappa Alpha Chi***

## *Fall Pledges*

*First Row:* WAYNE SLAUGHTER, MILAN C. RICE, RUSSELL DURILL, EDWARD JENNINGS, STANLEY FAVIELL, DON REAGAN.

*Second Row:* EDWARD FALLON, ALLAN RAMSEY, RALPH MERRITT, ANDREW ROLAND, DON SLAUGHTER, BILLY MATTHEWS, DONALD DUNLOP, WILLIAM JAQUITH.







*First Row:* PARSONS, FORSYTHE.

*Second Row:* GAY, BILLINGSLEY, CON, GHARIS.

*Third Row:* FRIEDMAN, RAMSEY, WALLNER, KISTENMACHER.

## ***Kappa Sigma Kappa***

BOB PARSONS  
*President*

MERL CORNELIUS  
CARL HERTZOG  
*Sponsors*

### **MEMBERS**

BOB ALISON  
CHESTER BERRYHILL  
STAN BILLINGSLEY  
WILLIAM FAIRLEY  
HUBERT GAY  
JIM TOM GAY  
GEORGE KISTENMACHER  
SAM KOBREN  
EUGENE KRAUSE  
MELVILLE LEVENSON  
RAYMOND MANKER  
JOHN RAMSEY  
ROBERT TERRAZAS







*Spring Pledges*  
 DON BARTLETT  
 EUGENE EWALD  
 JIM JOHNSON  
 TOM WENDORF



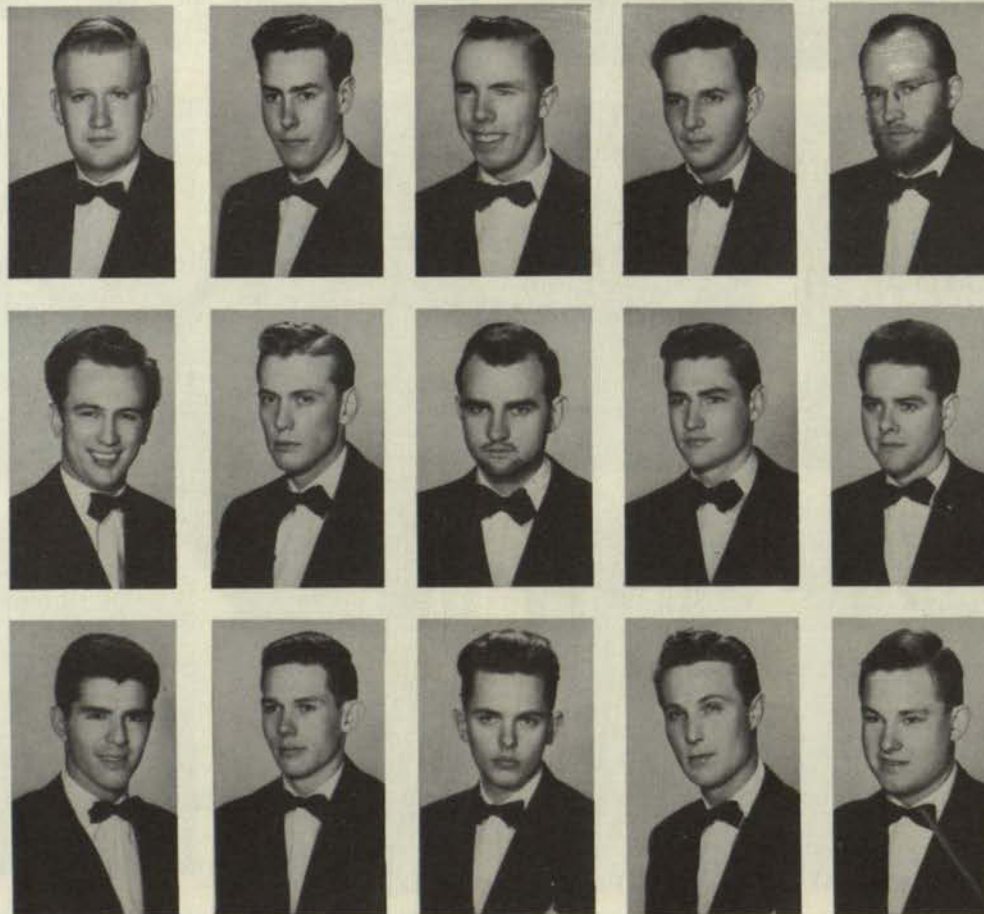
## ***Kappa Sigma Kappa***

### *Fall Pledges*

*First Row:* JOHN E. FORSYTHE, BILL GHARIS, DICK OSWALT, BILL FRIEDMAN  
*Second Row:* WARREN WEBB, FRED CAVE, JIM MALONEY, JIM STROUP,  
 MIKE WALLNER  
*Not Shown:* BOB DUDLEY, FLOYD O'KELLEY, HENRY SZURGOT







First Row: HINTZE, HARRIS, SCHUMAKER, SCOTT  
 Second Row: SMITH, DUKE, NEWMAN, MAXWELL, MARCZESKI  
 Third Row: CHINN, INGRAM, CARSON, FARQUEAR, GOLOB  
 Fourth Row: NEGRETTE, DUGAN, COX, ADAMS, McGRATH

## ***Lambda Chi Alpha***

RAY MAXWELL  
*President*

ROBERT SCHUMAKER  
 WILLIAM McDILL  
*Sponsors*

### MEMBERS



BEN ADAMS  
 HAROLD BUTTRAM  
 ROBERT CARSON  
 ROBERT CHINN  
 SANFORD COX  
 WILLIAM DUGAN  
 ROBERT DUKE  
 BRUCE DUNN  
 MAURICE EVANS  
 ROY GLASS  
 ALFRED HARRIS

MALCOLM McDONALD  
 JOHN McGRATH  
 JACK MARCZESKI  
 JAMES MAXWELL  
 RAOUL NEGRETTE  
 WILLIAM NEWMAN  
 FRANK NORWOOD  
 WILLIAM RAMSEY  
 JEROME RAMSEY  
 ROBERT SMITH  
 ROY TINGUELY

WILLIAM INGRAM





### *Spring Pledges*

ROGER BEASLEY  
CARL BISHOP  
CLYDE BRITTON  
ROGER BELL  
JACK CLAPPS  
BILL CLARKE  
TOM EASTLAND  
DAVID EVANS  
DAVID FARQUEAR  
BOB GARCIA  
JOHN HOUSE  
DICK HARPER

ALBERT IRBY  
JIMMY KILPATRICK  
WILLIAM LINSTRON  
JACK McDANIEL  
HERBERT MORENCEY  
GEORGE O'KANE  
HUNTER OWEN  
WALKER SCHADE  
WILLIAM SMITH  
THOMAS THORNE  
RICHARD WEEDEN



### **Lambda Chi Alpha**

#### *Fall Pledges*

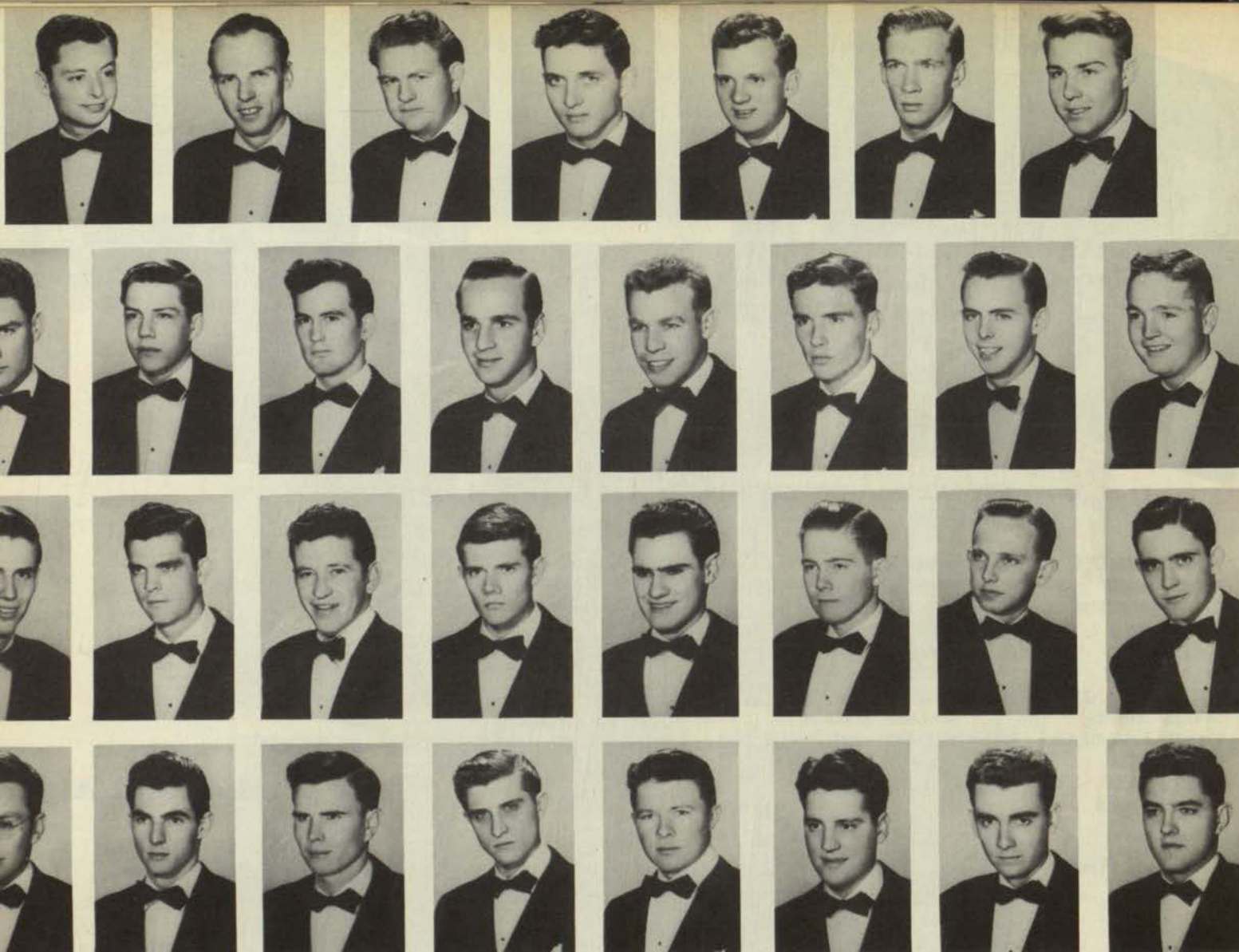
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*Second Row:* DALE SPIRES, LEROY LUNSFORD, ED WARD, BILL McCORMACK, GEORGE HIEISE, JR., ERNIE RETTIG, DON WARE.

*Not Shown:* WINSTON BEADLE, PHILIP COUSAR, HECTOR FATUCH, JAY GRIFFIN, ROBERT GARDINER, DON LITTLE, TRENT WILSON, WILLIAM MISCHEN, JR.







*First Row:* WHITE, KIRCHER, KINAND, BOWEN, KERR, WADE, PAXSON.

*Second Row:* MORRISON, GREEN, MacFARLAND, TIER, RAYBURN, STEELE, SIMS, McLURE.

*Third Row:* FISHER, MORRISON, MEZZETTI, SNOWDEN, RUTTERS, BANEHART, HUFF, MELTON.

*Fourth Row:* DICKEY, VAN KIRK, WYLIE, McBRIDE, QUILLIN, TOWRY, MACK, ORNDORFF.

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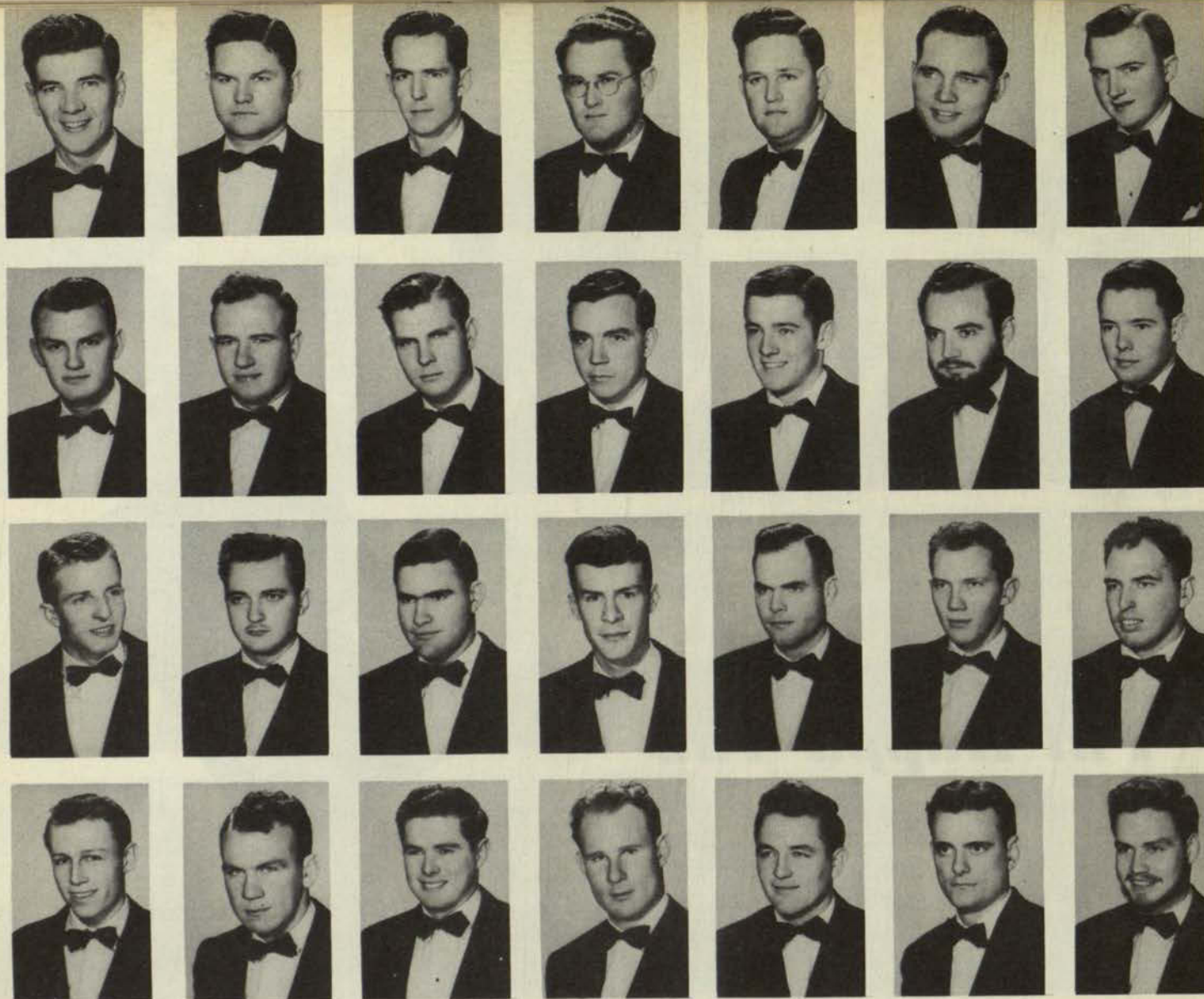
*Third Row:* AUDIAN PAXSON, BILL MORRISON, BILL RUTTER, JACK WADE, RICHARD BOWEN.

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*Not Shown:* REESE ROWLING, JIMMY NEUGEBAUER, BILL MULTHAUF, LEE CARGILE, JACK McCULLY, CARROLL HUNTER.







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*Standing:* LINDBERG, KISTENMACHER, VAN KIRK, MAXWELL, GALLUP, TILNEY, WILLIAMS.

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BONNIE JEAN RESLER  
VIRGINIA SHOPPACH  
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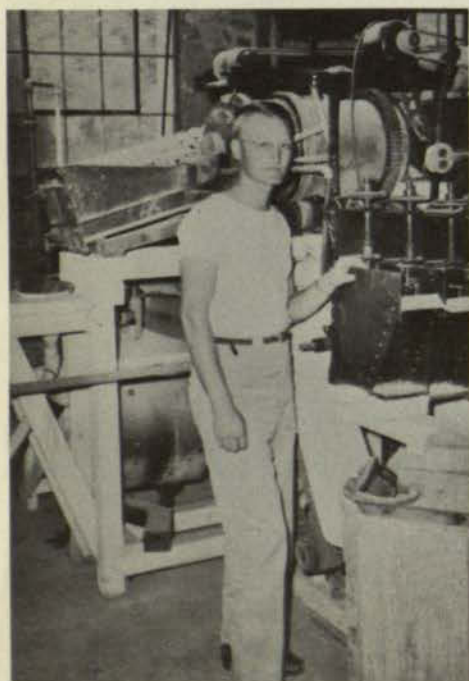


*Front Row:* FISHER, SEGURA, DR. NELSON, HAMILTON, ZINC  
*Second Row:* AAKER, GODSEY, DEZAVALA, SKEES, LINDBERG, COLLINS, ALBRIGHT, PIERSON, DEDMAN

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 ROBERT HAMILTON  
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 TEMPLE McCUTCHON  
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*First Row:* HOLDERMAN, NORWOOD, MARCELL, EVEREST, KEILY, BOWDEN, FRAZER, ELLISON, GABREL

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 RUBEN ROSALES  
 DICK ROSENBERG  
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 HECTOR TORRES  
 MICHAEL WALLNER  
 OSCAR WARD  
 TEXAS WARD  
 TOM WILSON  
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*Second Row:* VELASQUEZ, CARDENAS, CHAPARRO, CHEW, BELTRAN, TOVAR, PROCTER, SOSA  
*Third Row:* PROVENCIO, SAGE, PETERSON, GRADO, BOMAR, TORRES, TORRES, MARCZESKI, TIERNAN, GALENTIN, LEWIS  
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 LEOPOLDO CARDENAS  
 ENRIQUE CHAPARRO  
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 BENJAMIN ESCOBAR  
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 CHARLES HARRELL

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 WARREN SAGE  
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 HIGHT SMITH  
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 OSCAR TARANGO  
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 HECTOR TORRES  
 JAIME TORRES  
 GUILLERMO TOVAR  
 RODOLFO VALENZUELA  
 SALVADOR VILLARREAL  
 TEXAS WARD  
 BERT WILLIAMS, JR.

WILLIS BEAN  
*President*







FIRST ROW: WEBEL, BRIDE, COLE, TAYLOR, HASTON, OBERLANDER, BURDEN, BOSWELL, THOMPSON, KIRCHER.  
 SECOND ROW: UNDERWOOD, SLESSINGER, WOO, RESLER, DOMINGUEZ, SHATTENBERG, AGUILAR, CARRANZA, STABLEIN, NEWMAN, PROCTOR, FAIRLEY, GRIGGS.  
 THIRD ROW: SHEPHERD, BOOTH, PARKER, ELLIOTT, RASCON, TELLEZ, GRAVES, TERRY, JEFFRIES, McBRIDE, WENDORF, MORTON.  
 FOURTH ROW: CHAVEZ, DELGADO, JEFFERS, VICKSELL, SHOPPACH, GRAVES, RICHARDS, SWAN, BRACEY, HAMMOND, CANDELARIA, SPURRIER, SHOPPACH.

## BAND

W. I. SHEPHERD  
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 ROBERT PARKER  
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 HECTOR ROCHIN  
 EARL SEAMON  
 TOM SHATTENBERG  
 HAROLD SHOPPACH  
 VIRGINIA SHOPPACH  
 JOSEPH SPURRIER  
 WILLIAM SLESSINGER  
 LAWRENCE STABLEIN  
 PHIL STONER  
 BILL SWAN  
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 RUDOLPHO TELLEZ  
 WYNELL TERRY  
 JOYCE UNDERWOOD  
 RANDY VAN HORNE  
 ROSS VICKSELL  
 LESTER WEBEL  
 TOM WENDORF  
 FARRELL WHEELER  
 JOHN JOE WOO

THOMAS YOUNG





FIRST ROW: BROWN, OLIVER, BURCHARD, NAYLOR, CONE, SANDERSON, LOWE.  
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ADA LOUISE LOWE  
BARBARA LUETTICH  
JACK McGURK  
MARGARET NAYLOR  
PATSY OLIVER  
VERAGENE SANDERSON  
BILL SWAN  
ELSIE THOMAS  
MARJORIE TURNER







LEFT COLUMN: SELLY, RHEY, FOX, GODWIN, OSBORNE, BEHRMAN, COHN, CHAVEZ, CHAVEZ, SELLY, INGRAM, MARS, MILLIKEN, MARS, AXTER, WILCOX.  
MIDDLE ROW: HEREDIA, DUGAN, HAINZE, GRAMLY, SARGENT, RICHARDS, HICKS.  
RIGHT COLUMN: BYERS, WAID, FARNSWORTH, McELHANNAN, CATHEY, GUTIERREZ, CALISHER, MAFFEI, KLOHS, LEVY, RADCLIFFE, PRESTON, DARR, CHOW, RUBALCAVA, UZETA.  
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CEOLA HAINZE  
TONI HEREDIA

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BARBARA INGRAM  
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DOLORES MAFFEI  
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VIRGINIA MARS  
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JACKIE OSBORNE  
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ANNABELLE RICHARDS  
ALICIA RUBALCAVA  
MONA SARGENT  
NANCY SELLY  
VITA SELLY  
MARTHA UZETA  
JEAN WILCOX  
JUNE WAID





FIRST ROW: MARS, SPRINGER, MARS, PETONE, HARRIS, RODRIGUEZ, ORTEGON, TROUTMAN, WRIGHT, ACEVEDO.  
 SECOND ROW: PIERCE, PRESTON, GRISSON, MILLER, PONDER, MOORE, BRAUN, HALL, TAYLOR, GRIGGS.  
 THIRD ROW: RICE, SPURRIER, RUTH, SNELSON, FAIRLEY, BUTTRAM, LYON.  
 FOURTH ROW: McLENDON, ROBINSON, HUGHES, SEVERNS, SAENZ, QUILLEN.

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 JOE SPURRIER  
 ANITA TAYLOR  
 JEAN TROUTMAN  
 BARBARA WRIGHT







FIRST ROW: DYO, ECONOMY, DE LA TORRE, HARRIS, MERRITT, NATIONS, DR. BERKMAN, RUSSY, DEL HIERRO, LYON.  
 SECOND ROW: VAN WINKLE, RUIZ, PUGH, ANGELOS, DOMINGUEZ, HEISE, GARCIA, SHATTENBERG, GARDEA, STEWART, VALDEZ, ACEVEDO, PRICE, RHEY, KING, ENGEL, MANSOUR, SIQUEIROS, HURLEY, HAMPTON, KUSSY, ROBINSON, SPEER, WECHTOR, NICKEY, VALDIVIA.

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*President*

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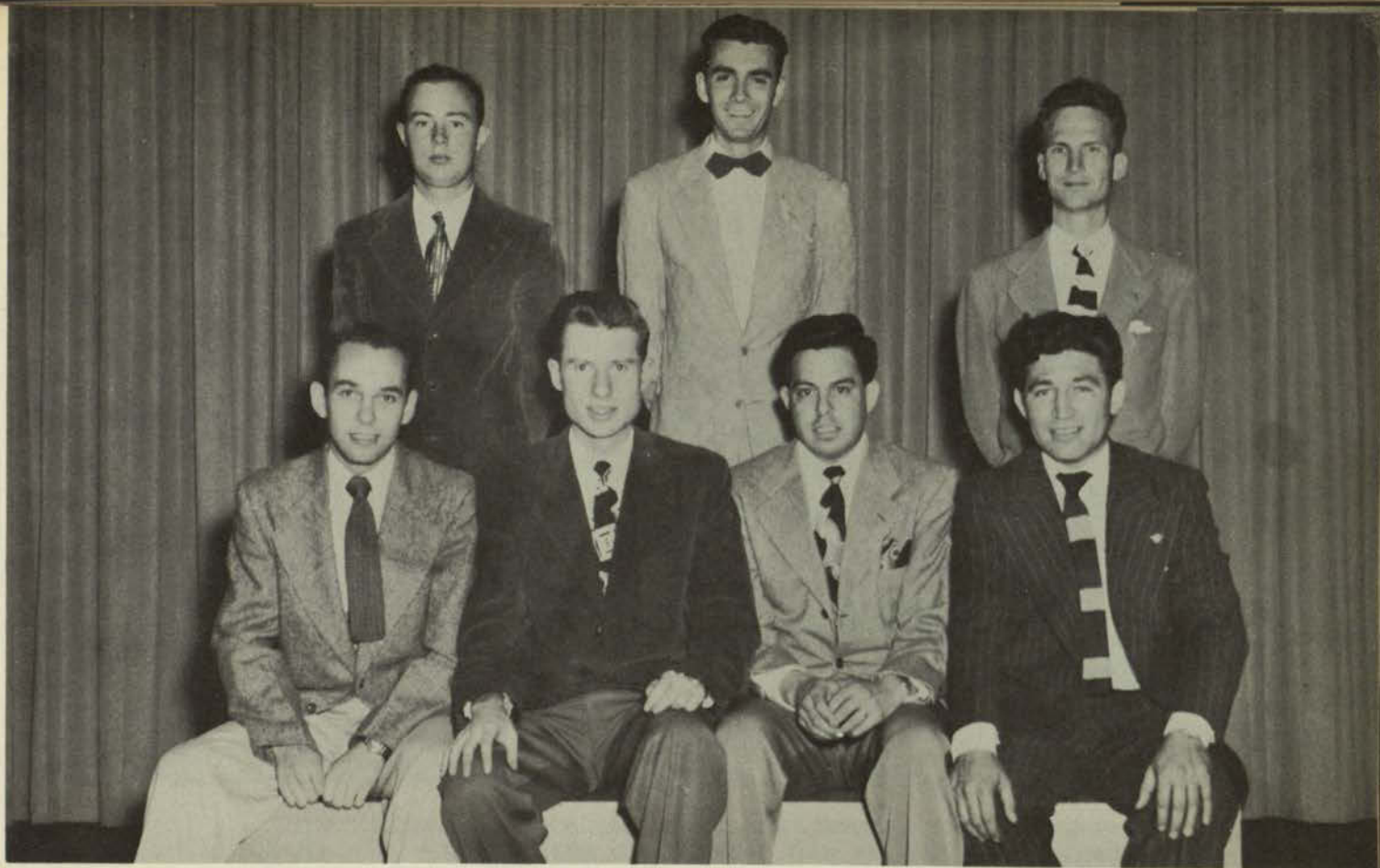
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 TOM G. WENDORF





FIRST ROW: NICHOLS, COOK, MENDOZA, MOLINAR.  
SECOND ROW: CARTAN, MACK, RIEDEL.

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*President*

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OLLIE MILLAR  
WILLIAM MOLINAR  
PAUL NICHOLS  
NICHOLAS PINTO  
MILAN RICE  
ROBERT RIEDEL  
TEXAS WARD







*First Row:* ALIAGA, BYERS, TITUS, CATHEY, ORNDORF, HEINKEL, LITTLETON, WISE, MAYFIELD, ADAMS, BANNER, HALL, HARRIS, LAIRD, MAFFEI, WAID.  
*Second Row:* RASCON, GARCIA, WRIGHT, PARSON, FOX, MILLER, ELLIOTT, WILSON, GROVES, FOX.

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 KAY BYERS  
 LaRUE BURCHARD  
 PAT BURNETT  
 LUCIUS CASILLAS  
 BONNIE CATHEY  
 MARILYN CORBIN  
 ELAINE DERRICK  
 BEVERLY FORD  
 MARY ETHEL FOX  
 TOMMIE JEAN FOX  
 MARIA THERESA GARCIA  
 BARBARA GLINES  
 JACKIE HALL  
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 JOAN HAGGARD  
 LYNELL HENRY  
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 BARBARA INGRAM  
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SARAH KAASE  
 GERRY LAIRD  
 GLORIA LEON  
 JEAN LITTLETON  
 MILDRED LOWRIE  
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 AUDIAN PAXSON  
 LOUISE PENNELL  
 FRED A PETERS  
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 TOMMY PORTER  
 MARY LOU PRESTON  
 VINCENT RASCON  
 LORRAINE RICHARDS  
 REVELLE SAUVE  
 JANE RUSS  
 BARBARA TITUS  
 TRENT WILSON

JOAN WRIGHT





*First Row:* WELLS, POLLARD, ADAMS, HAINES, MIZENER, OLTMAN, CAMPBELL, GRAF, HAAG.

*Second Row:* KELSEY, STOCKWELL, SMITH, LUNDELL, CALISHER, CORBIN, SANDERSON, LANDSDOWNE, BOTHWELL, KLOHS, LUETTICH.

*Third Row:* BELL, RISINGER, TINGUELY, COHEN, MASON, CROWELL, CONRATH, SADA.

## ***Psychology Club***

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CLYDE KELSEY  
*Sponsors*

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R. H. ARMSTRONG  
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BARBARA CALISHER  
DAVID COHEN  
EARL CONRATH  
MARILYN CORBIN  
MARILYN CROWELL  
NORMA GRAF  
GEORGE HAAG  
MAURICE HAINES  
BARBARA INGRAM  
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DICKIE LANDSDOWNE  
BARBARA LUETTICH  
BILLIE LUNDELL

JO ANNE MASON  
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JEANNIE OLTMAN  
ROBERT POLLARD  
SUE POOL  
JOE QUESADA  
LAHOMA RISINGER  
WILLIAM RUTTER  
VIRGINIA RUTTER  
LOUIS SADA  
VERAGENE SANDERSON  
NANCY SELLY  
EDITH SMITH  
JANIE STOCKWELL  
PHILIP STONER  
PAT TIER  
ROY TINGUELY  
MARY ELLEN WELLS







*First Row:* BOYLAN, UNDERWOOD, MATTHEWS, JENNINGS, BISHOP, TICKELL, MARES.

*Second Row:* CAIN, BURDEN, HUNTER, KIMMEL, HOLDER, MOLINAR, HUTCHINS.

*Third Row:* WICKLIFF, ROBINSON, PARSONS, MACK, MASON, SEAMON, WINDSOR.

## College Players

NANCY JENNINGS  
*President*



MRS. LUCIA HUTCHINS  
*Sponsor*

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JOHN BOYLAN  
FAYRENE BURDEN  
FAYE CAIN  
JOAN CAREY  
YVONNE CHANG  
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DAVID COHEN  
BILL DAVIS  
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CHARLES HERSHBERGER  
FRED HILL  
JOYCE HUNTER  
BILL KERR  
DELO KIMMEL  
BARBARA KNIGHT

MILDRED CORNELISON  
RUSSELL MACK  
JOSE MARES  
JOANNE MASON  
JAMES MATTHEWS  
WILLIAM MOLINAR  
MARY LOU NEELY  
ROBERT PARSONS  
FREDDA PETERS  
JANE PIATT  
MINI RECTOR  
BONNIE RESLER  
REVELLE ROBINSON  
HOMER SCARBRO  
EARL SEAMON  
DORIS TICKELL  
JOYCE UNDERWOOD  
PENNY VAN HORNE

PAT VESEY





*First Row: BALL, MACK, HUNTER, JENNINGS, HUTCHINS.*

*Second Row: BISHOP, YAEGER, HILL, MOLINAR, WINDSOR.*

## ***Alpha Psi Omega***

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*Sponsor*

RUSSELL MACK  
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### **MEMBERS**

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BUDDY BOYLAND  
JO BROWN  
FAYE CAIN  
FRED HILL  
JOYCE HUNTER  
NANCY JENNINGS  
RUSSELL MACK  
JAMES MATTHEWS  
WILLIAM MOLINAR  
LELAND ROBINSON  
MARIETTA WINDSOR







*First Row: IZQUIERDO, VAN TREASE, MERRITT, GORDON  
Second Row: HUNTER, ARAUJO, BRAUN*

## CO-ED COUNCIL

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JOYCE HUNTER  
OFELIA IZQUIERDO  
RUTH MERRITT  
MAUDIE VAN TREASE





*First Row:* BENCOMO, PROVENCIO, VARGAS, RHEY  
*Second Row:* MONTES, STOCKWELL, UZETA, DURAN, TIGHE, DEL HIERRO, HESLER, ORTEGA  
*Third Row:* HICKERSON, FUENTES, RODARTE, DE LA TORRE, VILLA, ADAUTO, VASQUEZ, CHAVEZ, CONE, GORDON, GRAMLY, RIVIERA, MILLER, IZQUIERDO, LAKE, FRANK

## JUNIOR PAN AMERICAN ROUND TABLE

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 DUFFY BURCHELL  
 MONTSERRAT CHAVEZ  
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 CARMELA DE LA TORRE  
 NETTIE VIRGINIA DEL HIERRO  
 MARY LOUISE DUGAN  
 ELDA DURAN  
 MARGARET FRANK  
 BEATRICE FUENTES  
 JEAN GORDON  
 MARY MARGARET GRAMLY  
 STELLA ANN HESLER  
 GLORIA HICKERSON  
 BARBARA INGRAM  
 OFELIA IZQUIERDO  
 ELLEN LAKE

JANICE MEAGHER  
 NANCY MILLER  
 BERTHA MONTES  
 FRANCES NIELSON  
 YVONNE OBERLING  
 ESPERANZA ORTEGA  
 VESTINA PROVENCIO  
 ELIZABETH RHEY  
 ALICE RIVERA  
 JOSEFINA RODARTE  
 SARAH JANE STOCKWELL  
 EMMALINE TIGHE  
 MARIAN TROST  
 MARTHA UZETA  
 ELVIRA VARGAS  
 ESTELA VASQUES  
 MAGDALENA VILLA  
 ELISA YIP

BEBE TIGHE  
*President*







First Row: BARNES, HURLEY, YIP, RISINGER, ROGERS, WEST, BISHOP  
 Second Row: POLLARD, OLIVER SCEARCE, PEABODY, RICHARDS, DAVENPORT, MILLER, MOORE  
 Third Row: PUGH, ENGLISH, BRYANT

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 ALVIN BROOM  
 BOB CHESAK  
 FANNIE CHOW  
 HELEN COMPTON  
 PHILIP COUSAR  
 BESS COUSAR  
 DAN COWART  
 COLLEEN DAKAN  
 EVELYN DAVENPORT  
 DOLORES EDMONDSON  
 GAIL ELDRIDGE  
 J. V. ENGLISH  
 ALVA FREEMAN  
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 MARILYN ROGERS  
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 TERRELL SCEARCE  
 EDWINA SCEARCE  
 LAHOMA RISINGER  
 VIC SHAKELFORD  
 BILL SMITH  
 BILLIE MAY VICKERS  
 BOBBIE JEAN YEAGER  
 BENNY YIP  
 ELISA YIP





First Row: HAUSLEITHNER, PEABODY, RESLER, LEACH, DAVENPORT, RISINGER  
 Second Row: ADAMS, HAINES, MATHIS, HAINES, PATTON, PUGH

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 TIM HURLEY  
 BENNA LEE NELSON  
 REDFORD PUGH  
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 ELISA YIP







First Row: VONDER, HAAR, PROVENCIO, GANDARA, BENCOMO, BRADEN, COOVER,  
FATHER MCGOVERN  
Second Row: WARDY, DAW, WHITNEY, HEREDIA, RIVERA, VILLA, ALVAREZ  
Third Row: DWYER, VARGAS, UZETA, DE LA TORRE, RIKE  
Fourth Row: FRANCO, DIAZ, SKINNER, GONZALEZ, VERA, GARCIA, LOYA  
Fifth Row: SAMANIEGO, CABALLERO, SALAZAR, HOLGUIN, RODARTE

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CALVIN SKINNER  
CARMEL DE LA TORRE  
MAGDALENA VILLA  
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GEORGE WARDY  
EVELYN WHITNEY  
ANN VAN WINKLE







First Row: FOSTER, CARPENTER, FOSTER, McCLENDON  
 Second Row: DERRICK, BRAUN, BELL, MAYFIELD, BURDEN, HUNTER  
 Third Row: HOLMES, MAYNARD, HAYNES, MacDONALD, YAEGER, STROUP, HEATHER, DICKINSON, HICKS

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 SUE JANE MAYFIELD  
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 PATSY OLIVER  
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MURRAY YAEGER







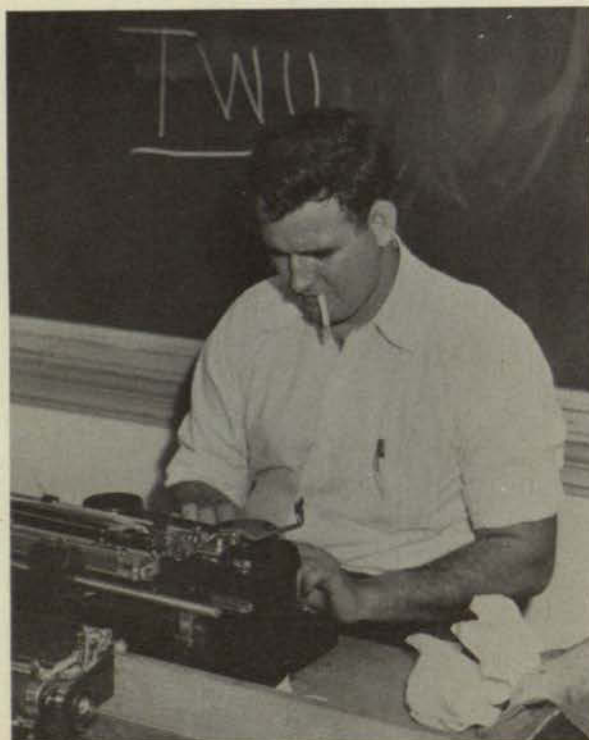
SEATED: GROUNDS, RHEY, RICHESON, BEHRMAN.

STANDING: MAYNARD, FREEMAN, COHEN, ANDERSON, MILLER, TURNER, THURBER, LEVERETT, McDONALD, COPE, CARPENTER.

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*Editor*

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CLOCKWISE: MULVEY, WILSON, STOCKWELL, BRADEN, CARPENTER, MOORE, MILLER, COHEN, TIGHE.

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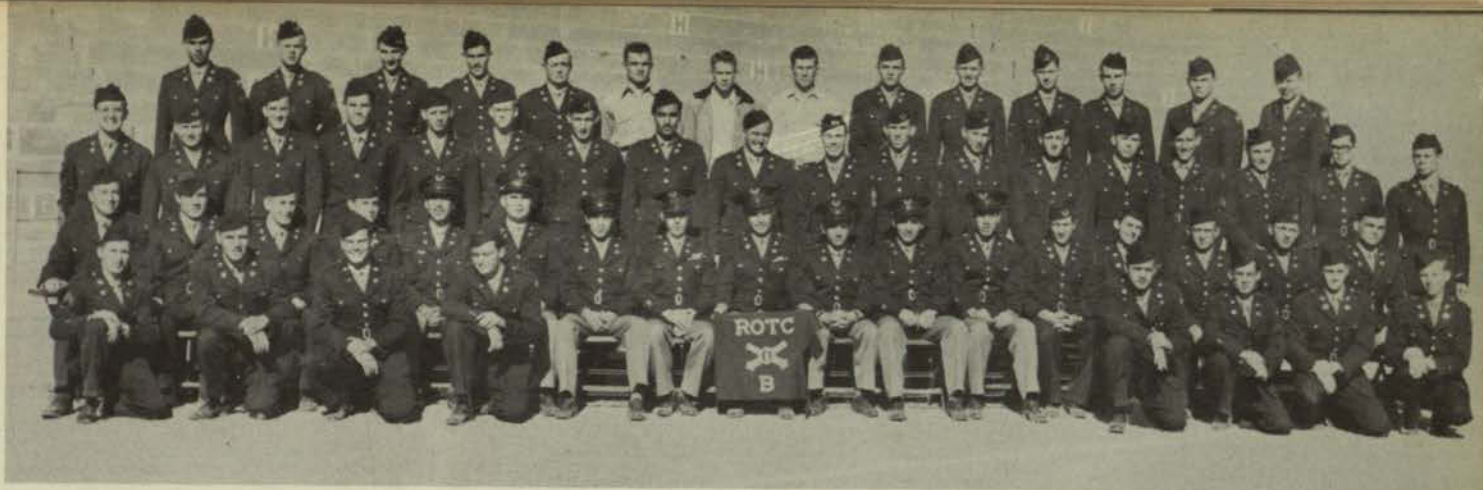
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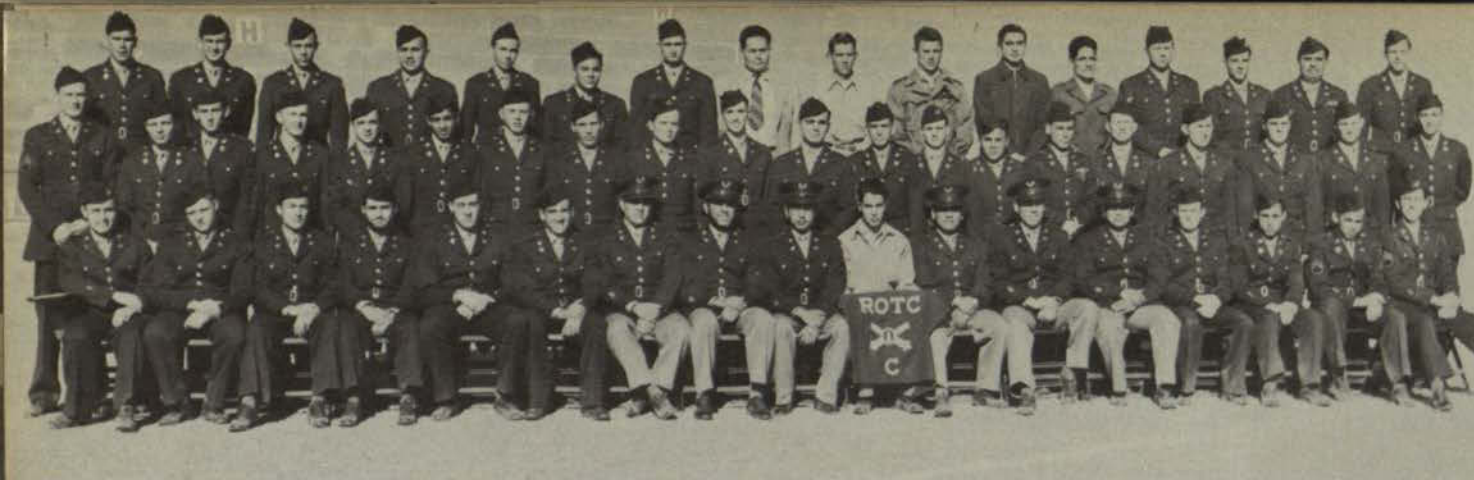
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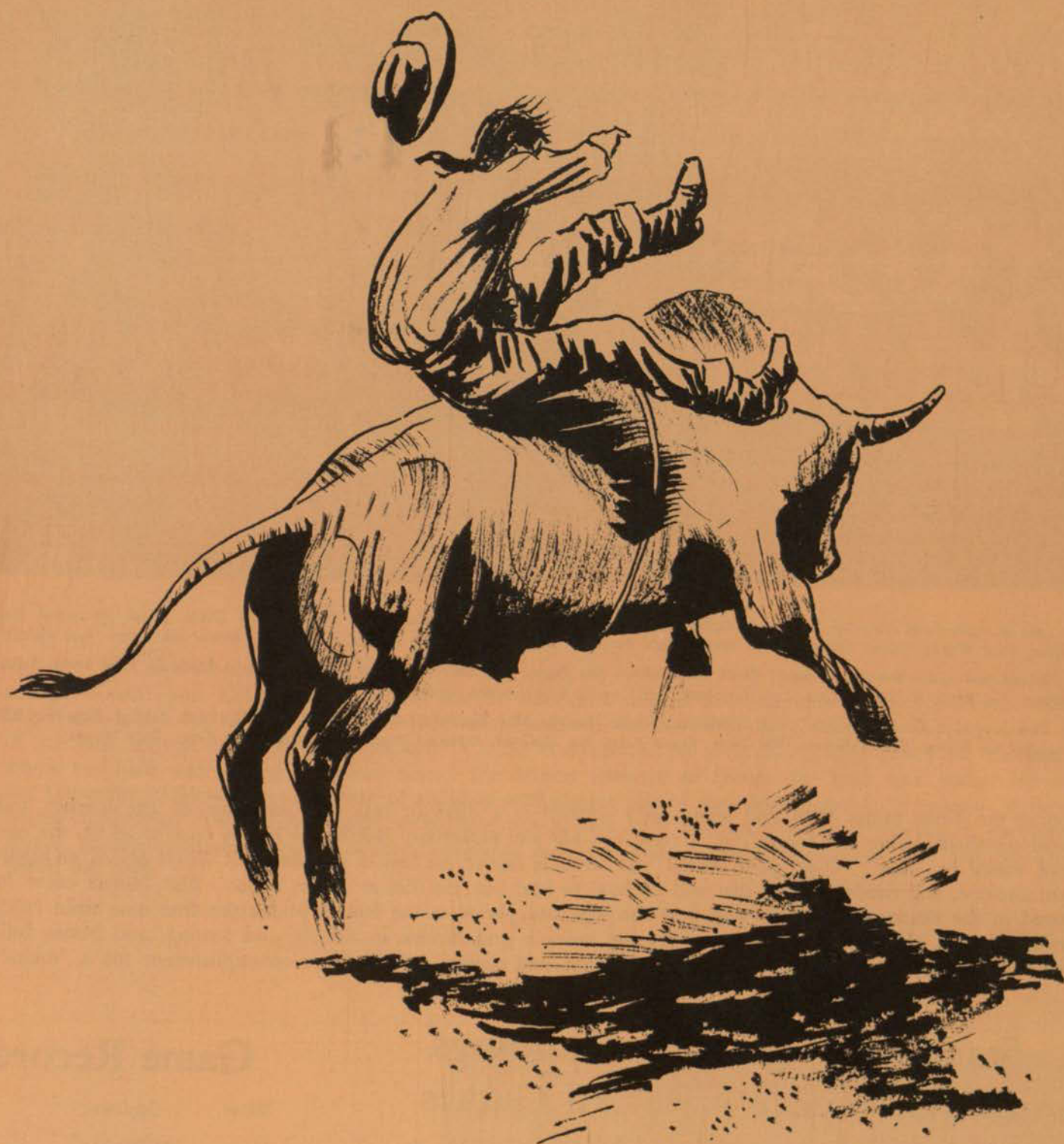
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***sports***





*Left to right, front row*—Joe Sayklay, manager; Charles Edmondson, Loyd Heineman, Remo Ferretti, Tom Steele, Jimmy Hammond, Jim Bowden, Fred Wendt, Harvey Gabrel, Danny Fraser, Buck Ferguson, Buck Woods, John Melear, Coach Ross Moore and Coach Jack Curtice.

*Second row*—John Shryock, manager; Coach Ben Collins, Jim Fager, Jack Marcell, Charles Marino, Coleman Huffman, Fred Rosas, Ralph Brewster, Lee Fogle, R. De La Cruz, Lav Humphrey, Lee Cargile, John Gooden, Sonny Holderman.

*Back row*—Joe Kinard, manager; Tom Shockman, Wayne Hanson, Max Norwood, Andy Everest, Sam Marusich, George Grounds, Bill Crawford, Joe Holley, Jack Wilkinson, Bill Tittle, Ernest Keily, Jim DeGroat, Raymond Evans, Jake Rhoads, and Coach Dale Waters

Putting the Texas Mines 1948 grid season in a nutshell is a difficult task, for the feats of the coaches and squad members during the football wars were too big and numerous. But if one had to cram it all in, the one word would be "tops". Their game record was certainly one of the best in the history of Texas Mines, an eight-won, one-tied, and one-lost record that will be hard to beat for the future Mines teams. The Miners came in second in the Border Conference, very near the top, and played in the Sun Bowl for the first time since 1937. Besides all this, the team as a whole topped the nation's grid elevens in rushing and scoring, and Mines full-back Fred Wendt set new national records in rushing, and scoring—all quite an accomplishment for a "minor"

## Standings Border Conference

	W	L	T
Texas Tech	5	0	0
Texas Mines	4	1	1
Arizona	3	2	0
Tempe	3	2	0
Hardin-Simmons	3	2	1
West Texas	2	3	0
Flagstaff	1	2	0
New Mexico	1	6	0
N. M. A. & M.	0	4	0

## Standings All Games

	W	L	T
Texas Mines	8	1	1
Texas Tech	7	3	0
Hardin-Simmons	4	2	3
Arizona	6	4	0
West Texas	6	5	0
Tempe	5	5	0
Flagstaff	4	5	0
N. M. A. & M.	3	7	0
New Mexico	2	9	0

## Game Record

Mines	Opponent	
33	McMurry	14
35	Houston	7
21	West Texas	7
34	Brigham Young	20
27	New Mexico	13
27	Hardin-Simmons	27
6	Texas Tech	46
25	Arizona	14
92	N. M. A. & M.	7
49	Hawaii	6





## THE COACHES

Collins      Moore      Waters      Ellison      Curtice

college. Coach Jack Curtice, in his third year as head grid mentor since his return from the Navy, utilized a big strong line and a host of light-footed backs, combined the two with the T-formation and produced one of the best college teams of the Southwest. Curtice concentrated on a furious ground game, but the passing attack was used with success at various times. The Miners travelled to Hawaii for their final game, trimming the University of Hawaii in something of an upset and playing one of their best games of the season. Although beaten in the Sun Bowl in their final appearance, the Miners had, through a bang-up playing in the regular season, gained much respect from Border Conference members, and established themselves as a top B-C crown threat for 1949.

Shryock      Windham      Kinard      Saykley

## THE MANAGERS







Raymond Evans

Jake Rhoads

Fred Wendt

## Co-Captains

Several members of the squad got blue ribbons for their outstanding work during play. Raymond Evans and Ernest Keily were placed on the All-Border Conference and the Associated Press Little All-America, and at the football banquet, the "outstanding player" by his or their teammates. Evans, whose deadly downfield blocking for Wendt will long be remembered, was adjudged both the top defensive and offensive lineman of the Border Conference. Wayne Hanson and Joe Valencia were also honored as linemen. Jim Bowden had one of the top passing averages, both nationally and in the Border Conference.

### Team Statistics

Mines		Opp.
147	First Downs	73
14	By Passing	41
7	By Penalty	8

### Individual Records

#### Passing

	Att.	Cmpt.	Pct.
Bowden	38	26	.684

Gained 417 yards

Five touchdown passes

### Individual Records

#### Rushing

	TCB	Net Yds.	Avg.
Wendt	184	1570	8.53
Gabrel	110	819	7.4
Fraser	95	433	4.6

#### Punting

	Pts.	Yds.	Avg.
Holderman	16	628	39.3
Wendt	28	1086	38.6





KEILY PENETRATES INTO SECONDARY IN GRIM ATTEMPT  
TO BLOCK ROWLAND'S PUNT



TOM SHOCKMAN  
*Tackle*

## Mines 33, McMurry 14

With Miner fans in El Paso anxiously awaiting the results of the first test of the 1948 edition of the Texas Miners, Coach Jack Curtice's travelling squad gave a preview of their performance during the entire season by unleashing a powerful ground offense and rolling over the McMurry Indians 33-14 at Odessa. Gabrel's line plunges, the long dashes of Wendt and Cargile, and the great linework of Evans, Everest, Hanson and Valencia were outstanding Mines features. The Miners gained 437 rushing yards. Reserves played much of the game.

COME TO PAPA! A McMURRY LINEBACKER STRETCHES FOR CARGILE AS HE  
DRIVES THROUGH TANK-SIZE HOLE MADE BY THREE MINES BLOCKERS

JIM BOWDEN  
*Back*





ERNEST KEILY  
*Guard*



SONNY HOLDERMAN  
*Back*



EVEREST (LUNGING), TITTLE (BEING BLOCKED) AND RHOADS MOVE TO STOP  
A COUGAR BALL CARRIER



JOE HOLLEY  
*Tackle*



LLOYD HEINEMAN  
*Back*

JIM HAMMOND  
*Back*



## Mines 35, Houston 7

A tough forward-wall escorted several fleet-footed Miner backs to a successful hometown grid debut on Kidd Field, when the Miners outplayed the Houston University Cougars 35-7 before some 7000 fans. Outstanding line play by Fogle, DeGroat, Evans, Rhoades, Keily and Shockman aided much in the victory, but Bowden had a field day with his passing arm, tossing two touchdown passes, one to Grounds, and another to Holderman, for a perfect outing. Wendt, Cargile, Fraser, Rosas and Steele did most of the ball-carrying and Wendt booted seven of seven conversions. Holderman and Wendt combined their punting talents to give the Orediggers a decided kicking margin (an average of 46 yards). Keily, Miner guard, was responsible for one touchdown, thru his blocking of a Cougar punt deep in Houston territory.





MINERS EVEREST, HUFFMAN, AND RHOADS GANG UP  
ON CROSS, WEST TEXAS



FRASER SCRAMBLES FOR BUFFALO PAYDIRT.  
HUFFMAN GUARDS REAR



HARVEY (PUG) GABREL  
*Back*

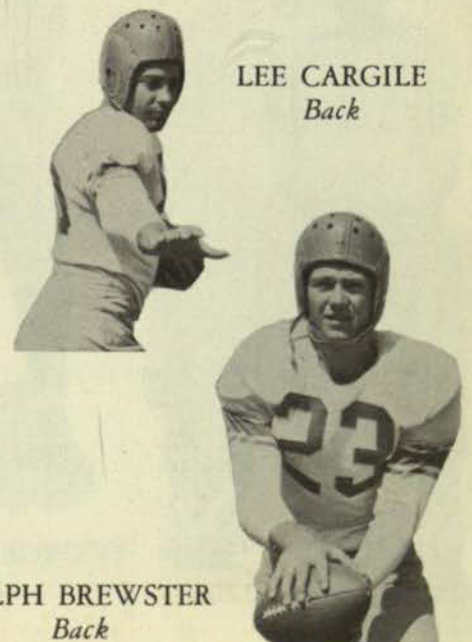
## Mines 21, W. Texas 7

A capacity crowd sat tense and worried for three-quarters of the game but when the final gun sounded, they sighed happily; the Miners had won the first conference game of the season against a tough opponent, the Buffaloes of West Texas State. The victory also meant sweet revenge for the squad members as the Buffs had blanked them 14-0 in 1947. The locals started fast, making eight points in the first three minutes (a touchdown and safety), but Box of the Buffaloes soon twisted and side-stepped, then dashed 50 yards to score. The score remained at 8-7 until the final six minutes of the game. In the fourth quarter, the Muckers drove 74 yards for one counter, and Wendt intercepted a Box pass and set up another. Generally, it was the Miner ground offense that told the tale, with Rosas, Fraser, and Wendt doing the scoring.

DANNY FRASER  
*Back*



TOM STEELE  
*Back*



LEE CARGILE  
*Back*

RALPH BREWSTER  
*Back*





HANSON, TITTLE, VALENCIA AND FOGLE CLOSE IN  
ON A BRIGHAM YOUNG BACK



LEE FOGLE  
*Guard*

## Mines 34, B. Young 20

In a wide-open, offensive battle, Coach Jack Curtice's grid pupils ground out a decisive 34-20 triumph over the visiting Brigham Young Cougars in the Sun Bowl to make it four in a row on a growing victory string. The outcome was never in doubt as the Texans had rolled to two quick touchdowns in the first period to go jolting ahead. Fullback Fred Wendt accounted for both with runs of 27 and 34 yards, behind excellent blocking on the part of Pug Gabrel and Wayne Hanson. Alternate back Sonny Holderman stepped into the spotlight next as he recovered the following kickoff while the Cougars stood dumfounded. Three plays later, Wendt scored, but the Cougars roared back and drove to their first goal, followed by another Mines' tally by Gabrel. The Oredigger second string allowed the Brigham Young 14 points in the second half, while Mines pushed one over. Statistics show the tremendous ground game both teams played. Mines boasted 471 net yards from scrimmage to the Cougars' 267 yards. Standing out on defense were Sugar Evans, Bill Tittle, Lee Cargile, Holderman, Hanson and Gabrel.

ANDY EVEREST  
*Center*

COLEMAN HUFFMAN  
*Guard*

CHARLES (BUGS)  
EDMONDSON  
*End*



GEORGE GROUNDS  
*End*



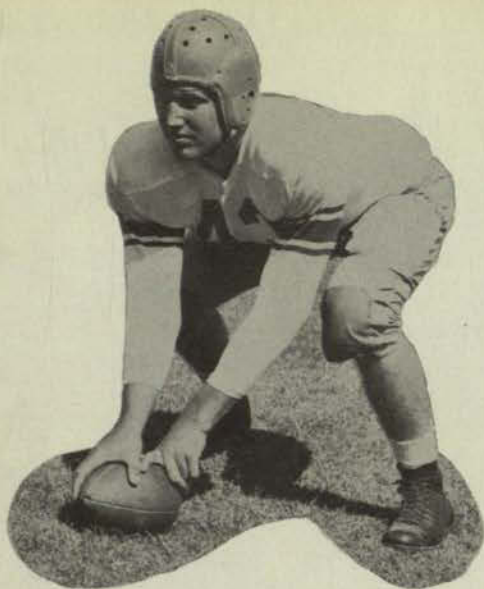
FRED ROSAS  
*Back*



MAX NORWOOD  
*Tackle*







WAYNE HANSON  
*Center*



GROUNDS EVADES A LOBO AND SCORES FOR MINES.  
GABREL, AT LEFT, ASSISTED

Some 500 loyal Texas Mines fans stood stunned at Zimmerman Field in Albuquerque as they watched a New Mexico back intercept a Fred Wendt pass and run 93 yards to score for the Lobos. This happened early in the second quarter, after the Miners had marched deep into New Mexico's stomping grounds and appeared headed for the first score of the game. The interception plugged up that drive. But seconds later the entire Mucker forward wall rose as one and smothered a conversion attempt. In the fading minutes of the first half, Quarterback Jim Bowden answered the prayers of the Mines' fans by letting fly a low, fast. In the end zone, 165-pound Sonny Holderman grabbed the ball as his feet slid from under him, and the Muckers had tied it up. Wendt booted the extra point and the score was 7-6, Miners, at halftime. During the last half the Mucker line smothered Lobo offensive moves while the Oredigger offense (Wendt, Bowden, Grounds, and Steele) chalked up three more touchdowns. In statistics, the Miners rang up 321 yards rushing and 78 passing, to the Lobos' 52 rushing and 112 passing. The Miners also shined in the penalty box—losing 105 yards by penalties. Final score: Mines 27, New Mexico 13.

JIM DEGROAT  
*End*

JIM FAGER  
*End*

JOHN MELEAR  
*Back*

JACK MARCELL  
*Guard*



Mines 27, N. Mexico 13





JOE VALENCIA  
*Guard*



BILL TITTLE  
*Center*



JACK WILKINSON  
*End*



LAV HUMPHREY  
*Back*



ROSAS GRINS AT A COWBOY TACKLER AFTER SCORING FOR MINES  
EVANS (56) LOOKS ON

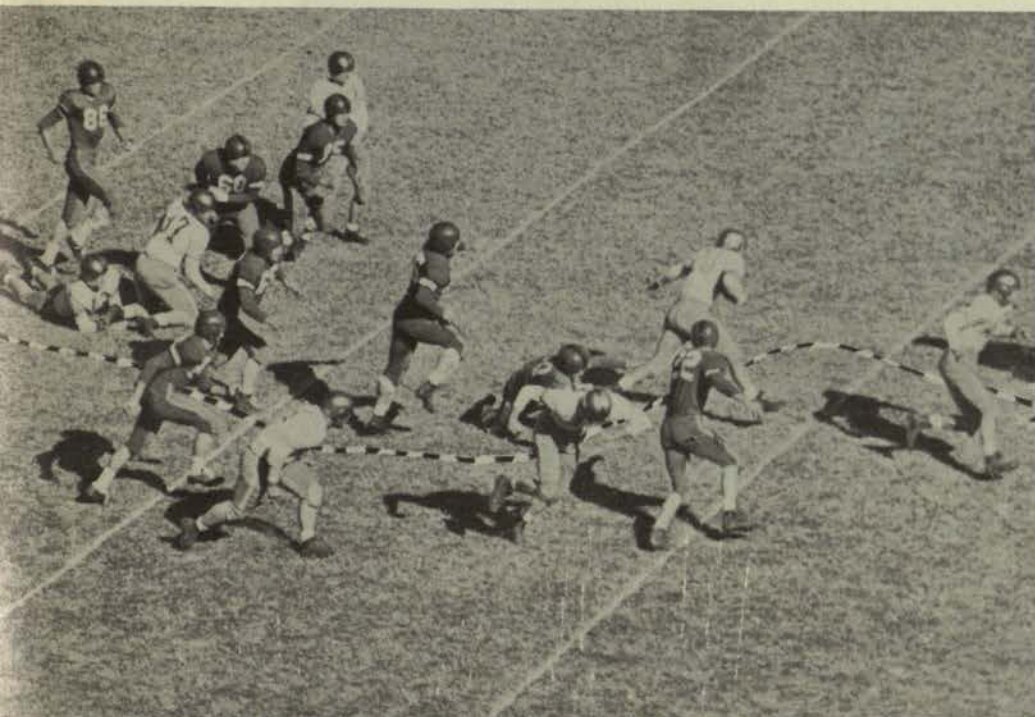
## Mines 27, H. S. U. 27

In a top-notch offensive scrape at Kidd Field that featured fast running and brilliant passing, the Miners broke even with the Hardin-Simmons Cowboys 27-27. It was the first time in six starts that Mines had failed to win, and the first tie in the 12 years of competition between the schools. Heralded as a running duel between Wendt and Davis of H.S.U.'s, the game turned out to be a bout of H.S.U.'s Ford and the plunging of Mines' Gabrel. Mines drew first blood on the first play of the second period and held a 27-13 margin at the three-quarters mark, but the Cowboys romped back with Ford's passing and tied it all up at the end of the game. In statistics, Mines had 389 rushing yards to the Cowboys 243, and two passing yards to H.S.U.'s 195.

REMO FERRETTI  
*Back*







GABREL (CENTER, RIGHT) SETS UP MINES'  
ONLY TOUCHDOWN AGAINST TECH

## Mines 6, Texas Tech 46

The Texas Miners, up to this time, had been traveling through their grid slate like a boarder late for supper, but someone slammed the door in their faces just as they were beginning to scent the Border Conference championship. Texas Tech's Red Raiders, (later the kings of the circuit) stopped the Mucker gridiron charge with a resounding 46-6 victory, and virtually picked up the bacon. It was a band of lightning-like backs and precision-blocking linemen that romped over the guest Miners, who without the valuable services of Co-captain and All-Border Conference Tackle Raymond Evans just never could get going. Evans was on the injured list; that, and the speed of the Tech backs seemed to stun the locals. Capitalizing on two breaks, Coach Dell Morgan's Raiders struck for a 20-6 lead in the first quarter of the game, and kept the game under control with four more six-pointers in the other periods. So on after the initial Tech counter, Miner back Pug Gabrel tore his way through several Raider linemen deep in Mines territory and skidaddled 86 yards to the Tech two. Danny Fraser then took the pigskin over for only Mines' touchdown. Statistically, the Orediggers gave the host team a good battle, gaining 241 yards from scrimmage to Tech's 339 and making 18 first downs to 13. The Raiders also took a decisive lead in the penalty department, being found guilty on 12 accounts and penalized 140 yards. Mines had a two and 30 yard slate. Coach Jack Curtice, thinking of the next encounter with Arizona, used reserves liberally after the middle of the second period. It was Mines' first season setback and Tech's third conference win.



SELECTMAN FERGUSON  
*Back*



BEDFORD WOOD  
*Back*



BILL CRAWFORD  
*End*



JOHN GOODEN  
*Back*





WENDT FUMBLES ON ARIZONA GOAL-LINE AS HANSON (RIGHT), BOWDEN, KEILY LOOK ON

## Mines 25, Arizona 14

Over 300 Oredigger fans journeyed to Tucson, Arizona, to back up the Muckers in their eighth game of the season. But the Curticemen did not need any support; they handily disposed of a clawing crew of Arizona Wildcats 25-14, and virtually assured themselves of a second place in the Border Conference standings. For the Miners and fans alike, it was a sweet revenge, for the Curticemen suffered a 13-14 setback in 1947. Wendt started things popping with a TD early in the first quarter, but it was alert Rosas whom the Arizonians cursed for the rest of the game. Later in the second period, Rosas snagged a Wildcat fumble on the opponent's 40-yard line and set up the score that blasted Arizona's hopes of recovery. Rosas then put the locals in scoring position with a 31-yard jaunt to the six. Wendt took paydirt honors on a single plunge. Arizona didn't leave the sinking ship but came back with a six-pointer. Before the half was over, the Muckers, with Bowden, Wendt and Gabrel doing the ball-handling, scored again to make it 18-7 at the half. Hammond, a reserve back, stepped in during the third period, and along with end Edmondson, provided the drive that ended in another touchdown. Arizona counted their final seven points in the fading minutes of the title. Bowden completed five of seven short passes at intervals to augment a Miner ground game which netted 351 yards.

HAMMOND IN HIGH GEAR AS HE SCORES AGAINST THE WILDCATS







KEILY AND EVANS FORM AGGIE-PROOF ESCORT FOR WENDT

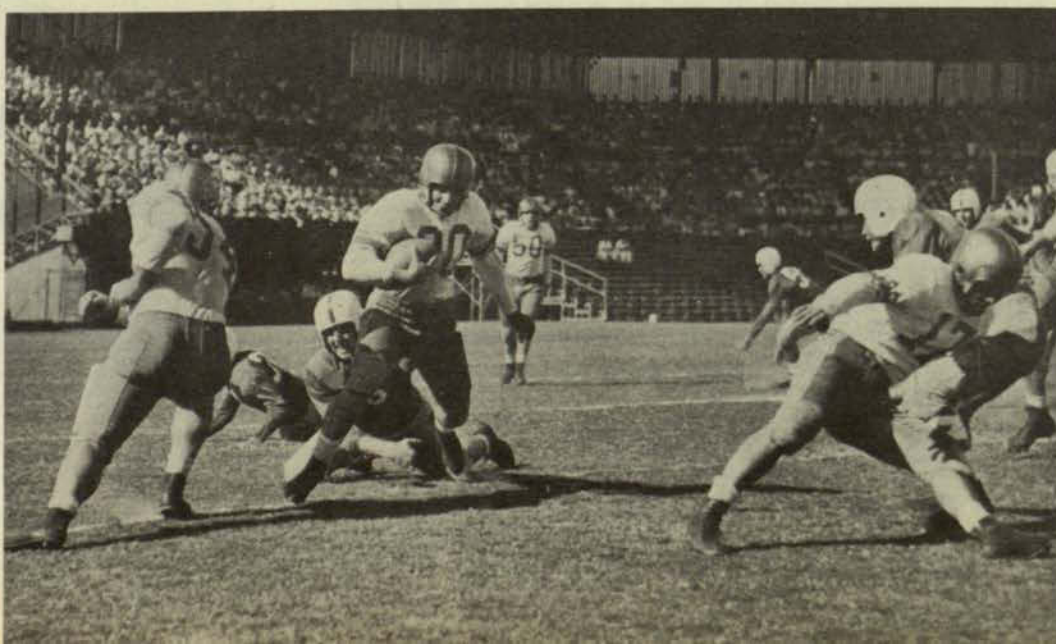
## Mines 92, N.M. Aggies 7

For Fred Wendt it was a field day; for the New Mexico Aggies, a dark, dark smudge on their football history book. Over 8000 Turkey Day fans saw the favored Miners trample a hapless Aggie eleven, scoring every time they were in possession of the ball. During the game, Flyin' Fred galloped to a new national-yards-gained-rushing record and scored 42 points. Statistics: Net Yards from Scrimmage—Mines 727, Aggies 107; First Downs—Mines 24, Aggies 7; Reserve backs like Gooden, Wood, Humphrey, Heineman, Ferretti, and Ferguson all played a good part of the game.

## Mines 49, Hawaii 6

Twenty-eight Mines squaddmen and four coaches went "Hawaiian" in their tenth and last game of the regular schedule. The entire grid delegation flew by plane from El Paso to Honolulu to play the University of Hawaii Rainbows on their own field. But the Miners did not take their "grid vacation" lightly. According to Coach Curtice, the team played one of its best games and lowered the boom on the pride eleven of Manoa Valley 49-6. Wendt again sparked the locals' offense with two touchdowns and six conversions. The line also shined, holding the Rainbows to 20 yards rushing, and helping their teammates to a 403 rushing total. Others scoring for Mines were Bowden, Rosas (two), Cargile and Holderman.

KEILY (LEFT) AND FRASER (RIGHT) MAKING GOING EASY FOR GABREL







FLYIN' FRED OPENS THE THROTTLE IN THE WEST VIRGINIA SECONDARY



HOLDERMAN JUST AS THE LATTER SCORES

Coach Curtice's Miners climaxed a brilliant season under cloudy skies on Jan. 1, 1949, when they played as host team in the 14th annual Sun Bowl in El Paso. West Virginia's Mountaineers, Mines' opponents in the classic, trotted onto the field as favorites before the game, and walked off as victors by one touchdown, but only after 13,000 Sun Bowl fans got what they came for—a whale of a ball game. The bowl game had everything: the nation's leading ground gainer in Wendt, two powerful groups of linemen, one of the nation's top passers in W. Virginia's Walthall, and an expert drop-kicker in Simmons, a Mountaineer. Both teams entered the scrape with good records in their wake, Mines with an eight won, one tie, and one loss record, and West Virginia with an eight won, three loss slate. The first quarter was scoreless, but on the first play of the second quarter, Gabrel dived over from the four and Mines went ahead 6-0. (Wendt's kick was bad). West Virginia soon calmed the partisan crowd by combining an air-ground attack that payed off late in the second period, and Simmon's toe was accurate to give the visitors a 7-6 halftime lead. The Mountaineers, using a two-platoon system, marched for two more counters and conversions in the third period. But the Orange and White bounced off the canvas and scored again late in fourth period, Wendt dashing 60 yards behind excellent blocking by Evans and Hanson to ring up Mines final score.

**Sun**





MISSSES DEVONSHIRE  
FOR THE MOUNTAINEERS



SIX POINTS FOR MINES AS GABREL (CENTER, ON GROUND) GOES OVER

# Bowl

## STATISTICS

	Mines	W. Va.
First Downs	12	13
Yards Rushing	245	183
Yards Passing	57	122
Passes Att.	9	16
Passes Compl.	4	7
Punting Avg.	41.5	27
Fumbles	4	1
Ball Lost (Fumbles)	4	0



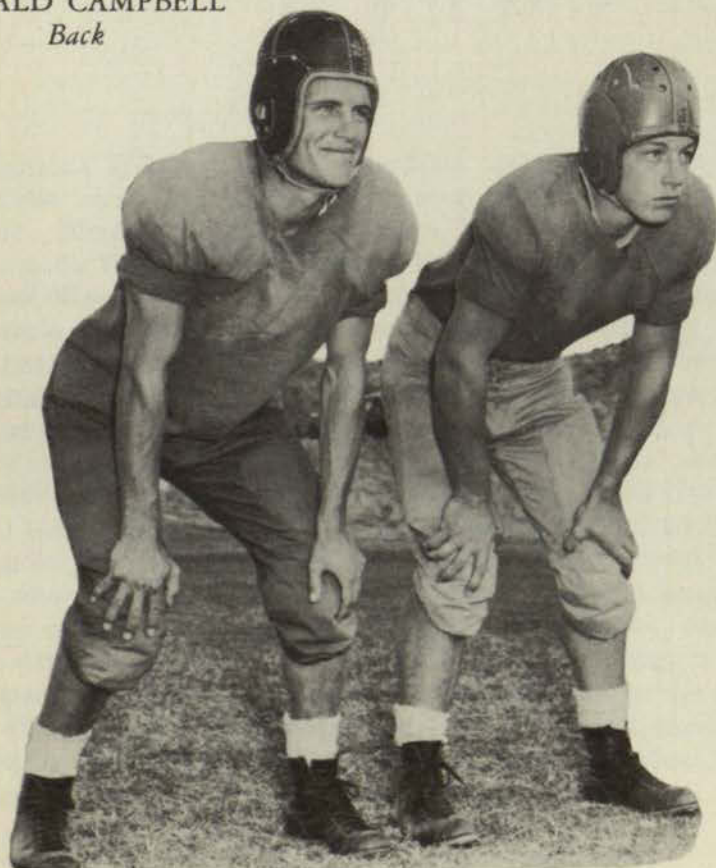


MORGAN BROADDUS  
*Guard*

*Bottom row (left to right)*—Jim Walker, Gerald Campbell, Morris Schmieder, Ralph Merritt, Russell Young, Louis Droutsas, Don Surratt; *second row*—Charles Mathis, J. D. Partridge, Paul Kingsley, Leland Boyce, Jack Walker, Alfred Arnold, Bill Cox; *third row*—Norman Windham, mgr., Harold Wallace, Charles Babers, J. C. Fulfer, Alvin Whaley, Jim Davis, Wayne Slaughter; *back row*—Doyle Howell, Herbert Ketell, Harlan Smith, Bill Chesak, Morgan Broaddus, Bud Roland. (*Not shown*—Don Gillis)

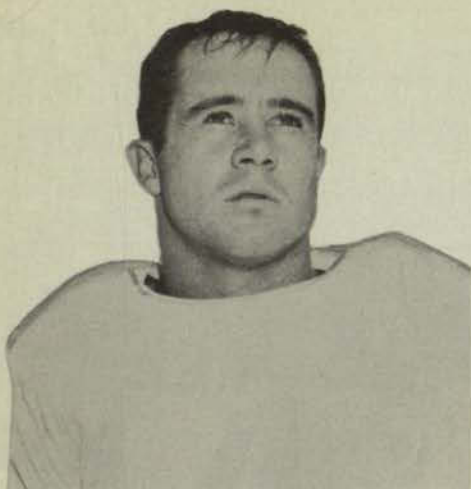
LELAND BOYCE  
*Back*

GERALD CAMPBELL  
*Back*

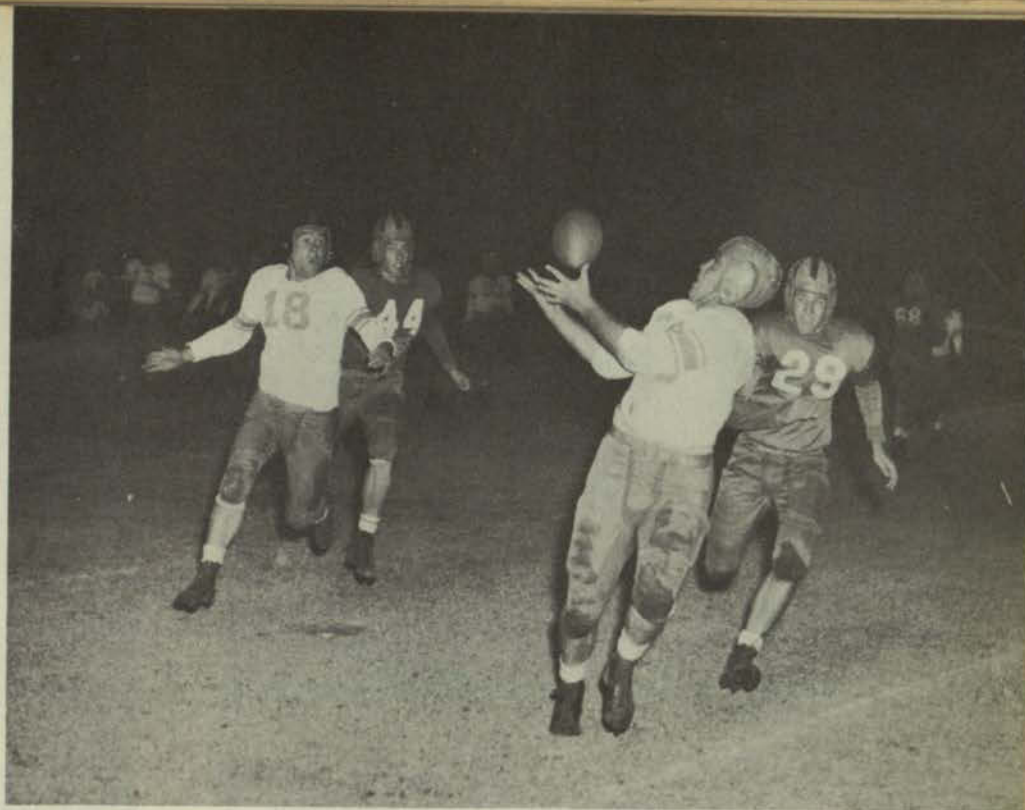


Besides being a banner year for varsity football, 1948 marked the resumption of freshman football at Texas Mines. It was the first time since 1941, when freshmen were made eligible for varsity competition, that the Orange and White Freshmen have had a chance to compete with other freshmen teams. Under the direction of Coach Ross Moore, the Grubstakers played five games, two out-of-town and three at home, and won all five. The 'Stakers began daily practice sessions on Sept. 10, and after several scrimmages with the varsity were ready for their first foe, the New Mexico Aggie Frosh. Moore's men had little trouble with the Aggies, trimming them 28-7 on Kidd Field before 2,000 fans. Jim Davis, Miner back, was successful in four of four conversion attempts. Using a powerful ground game patterned after the varsity style of play, the Grubstakers next whipped Gila Junior College here 28-0, using almost every man on the squad. A return bout with the Aggie Frosh followed, and the little Miners dealt them a 47-12 whipping. Two weeks later, the 'Stakers rang up their biggest score in defeating the Arizona frosh 46-6. The final game was at Albuquerque with the New Mexico freshmen eleven. The tilt was carded as even, but the Miner understudies turned the New Mexicans back 20-7 to complete a perfect season. The 'Skaters were paced offensively by the passing of Alfred Arnold and the hard running of Leland Boyce, Bill Chesak and Gerald Campbell.





DON SURRATT  
*End*



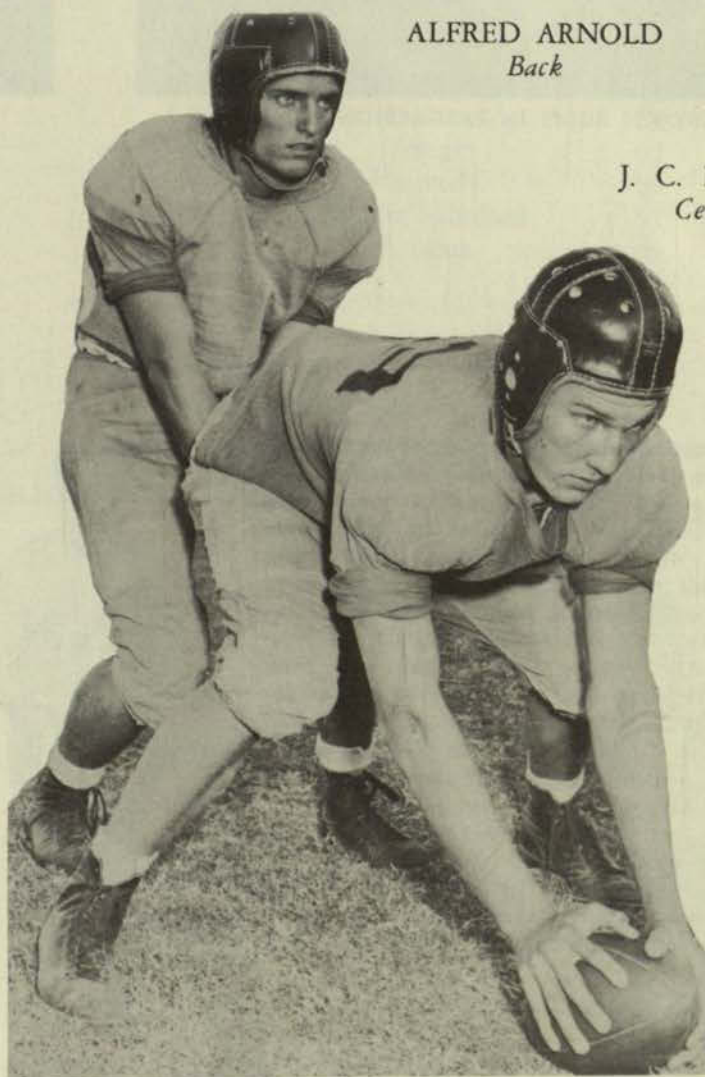
CHESAK RECEIVING ONE OF ARNOLD'S  
AERIALS DURING ARIZONA TANGLE.



HARLAN SMITH  
*Tackle*

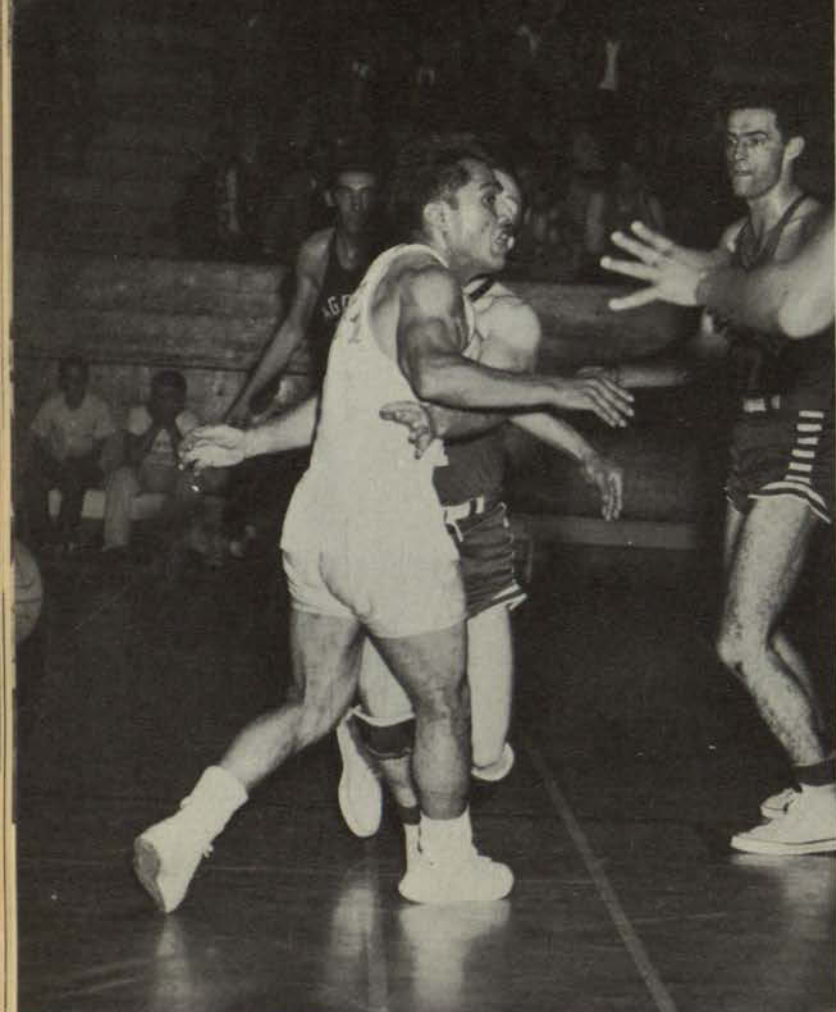
ALFRED ARNOLD  
*Back*

J. C. FULFER  
*Center*

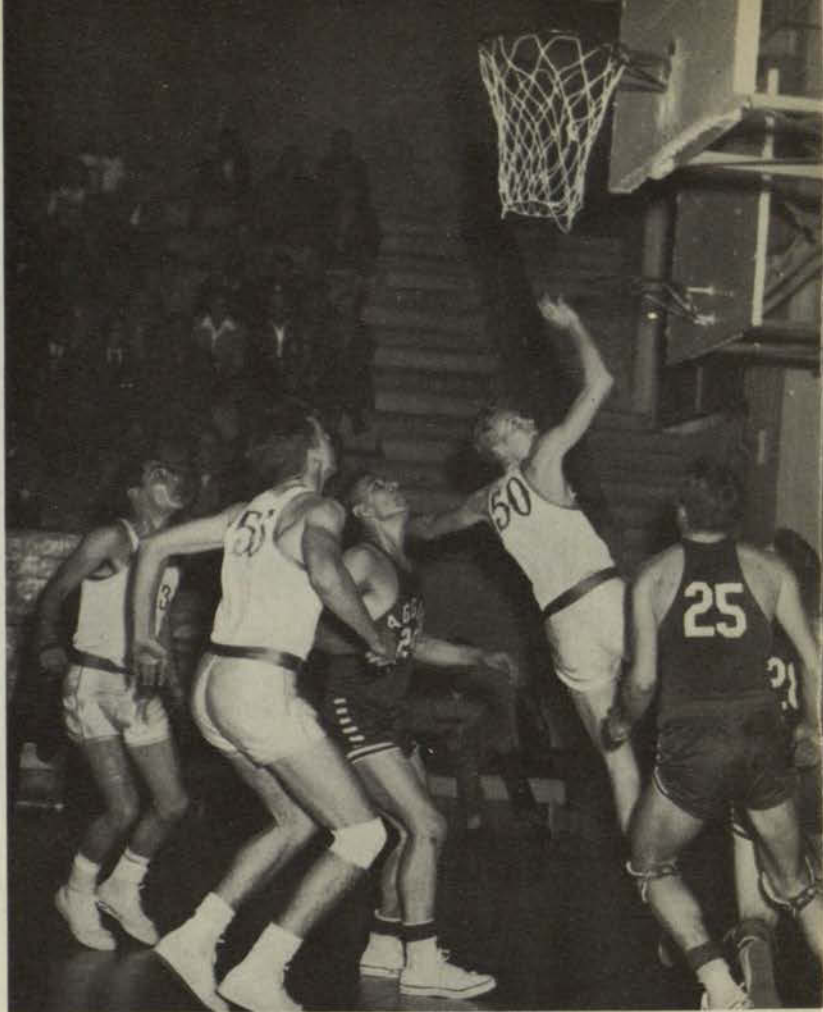


BILL CHESAK  
*Back*





PEREZ AND UNKNOWN AGGIE IN FAST-ACTION COLLISION



CENTER RICHARDS SINKS A DIFFICULT SHOT

Despite the loss of two star performers of the 1947-48 season, Coach Dale Water's 1948-49 Mines basketball squad pulled themselves out of the Border Conference cellar, and into a tie for fifth place during the '48-'49 cage campaign. And more promising still was the fact that every squad member except possibly one is planning to be on hand for next season. Nelson Ohlemacher, Captain Santos Perez, Abe Franco, Tula Irrobali and Yvan Rechy—all regulars—are expected to turn out for next year's team, and they'll be backed by Earl Richards, Bert Williams, Al Franco, Verlyn Phillips, Lindy Bluth, James Webb, Robert Mena plus several outstanding Grubstaker stars who will join the varsity next year. Teamwork was probably the one characteristic most responsible for the Miner rise in the circuit standings. The Muckers were never on the bottom of the pile and ended up with a seven won, nine lost record after playing their final



CAPTAIN PEREZ

BC tilt. This record was good enough for a three-way split for fifth place with New Mexico University and Flagstaff. The Miners boasted of no outstanding stars, and did not place any men on the all-Border Conference teams. Irrobali, Miner forward, was given honorable mention in the listings. In all season games, the Miners had an eight won, 12 lost game record. Waters and Co. began the season with two defeats by the Chihuahua Dorados in Chihuahua, and then came back to dump New Mexico's Aggies and lose to New Mexico Lobos. Throughout most of the schedule it was a win-at-home, lose on the road proposition. The Miners topped their fairly successful BC season off with a high-scoring upset over the champion Wildcats of the University of Arizona at the Coliseum. It took two overtimes, with the crowd on its feet cheering hoarseley, for the Orangeshirts to win their final loop contest of the year, 70-69.





YVAN RECHY



ABE FRANCO



BERT WILLIAMS



NELSON OHLEMACHER



TULA IRROBALI

MINES	OPPONENT	
43	New Mexico A and M	45
43	New Mexico U.	59
44	West Texas	43
57	Texas Tech	53
41	West Texas	60
39	Texas Tech	57
47	Hardin-Simmons	70
47	New Mexico A and M	55
53	New Mexico U.	51
56	Tempe	55
73	Flagstaff	57
48	Arizona	63
39	Tempe	60
45	Flagstaff	59
51	Hardin-Simmons	53
70	Arizona	69





*Kneeling*—MENA, MONZON, RECHY, PEREZ. *Standing*—FRANCO (ABE), WILLIAMS, OHLEMACHER, RICHARDS, PATERNOSTER, ROBINSON, IRROBALI. *Not Shown*—AL FRANCO, LINDY BLUTH, V. PHILLIPS, WEBB



AL FRANCO



JIMMY WEBB

## 1948-49 MINES BASKETBALL TEAM



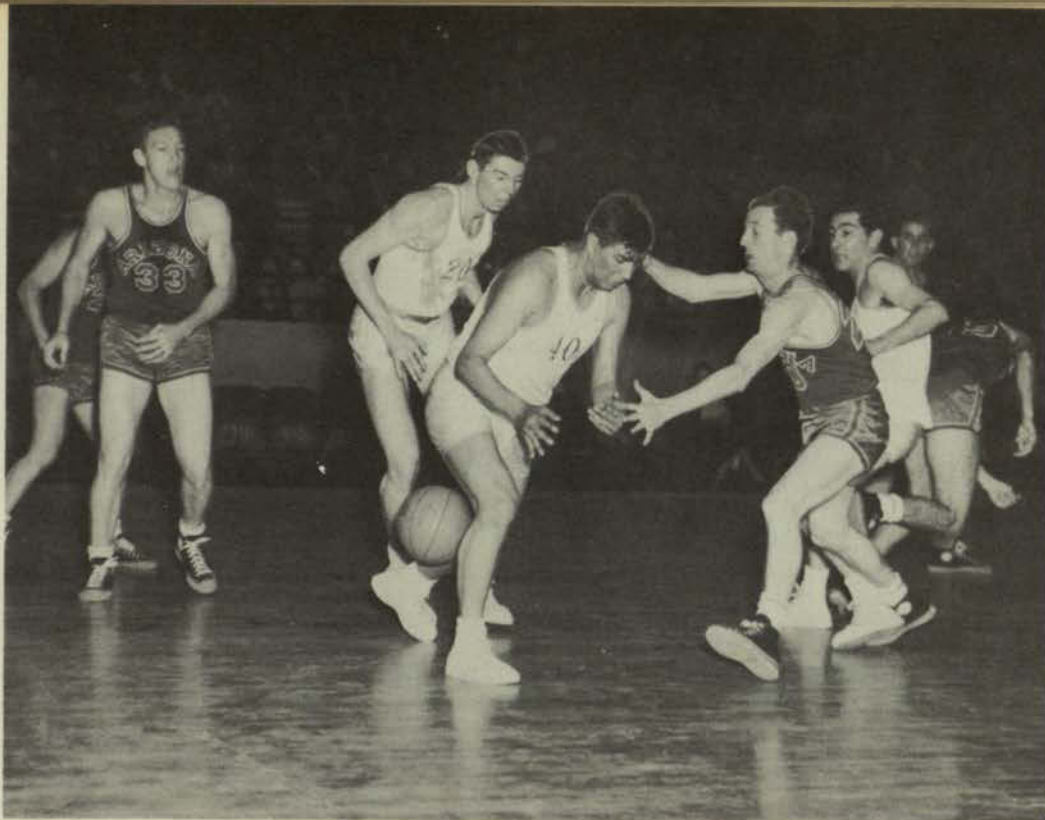
EARL RICHARDS



ROBERT MENA

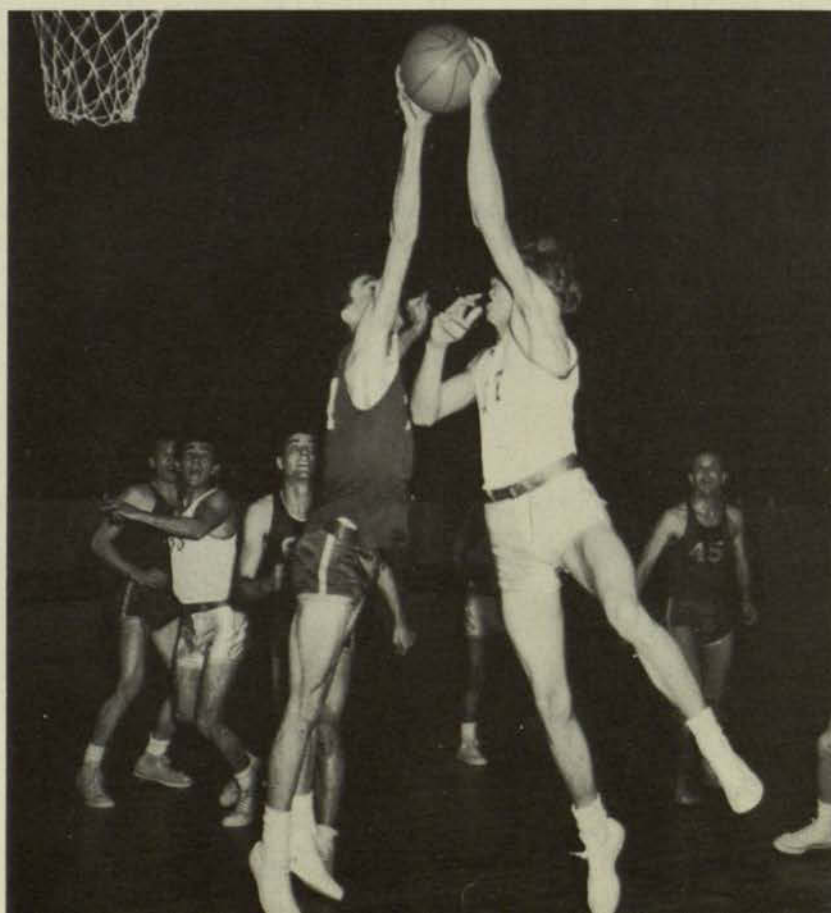




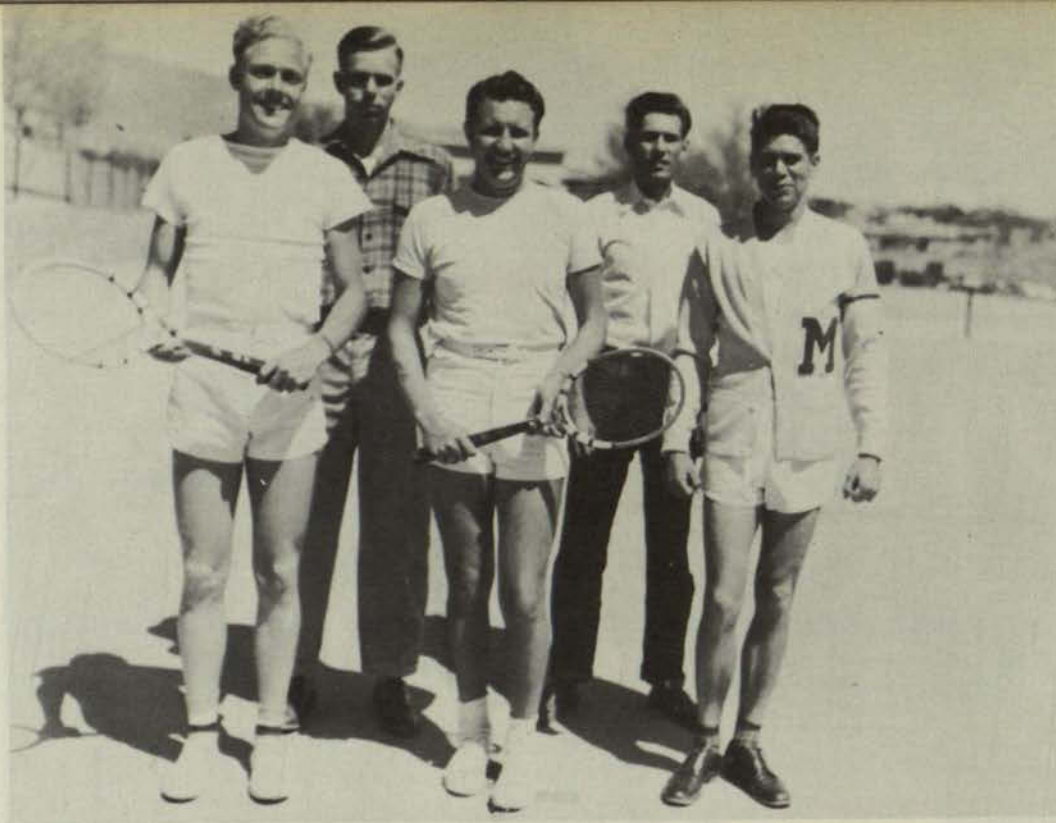


IRROBALI PULLS THE "HIDDEN BALL" TRICK WITH ARIZONA'S WILDCATS.

NEW MEXICO'S WALLACE AND MINES' BLUTH IN A HIGH JUMP







1949 Tennis team: *front*—BILL FAIRLEY, EDDIE WILKERSON, FIDO GONZALEZ; *back*—BOB CRYE, WILLIE BALDWIN; *not shown*:—SAM KOBREN, JOHN BIRDWELL.

## ***Netmen Staged Hot 1949 Battle***

The fight for four empty berths on the 1949 Mines tennis team typified the Mucker scramble for Border Conference net honors throughout the spring season. Coach W. H. Ball's netmen, ranking next to University of Arizona in power, began the season at the Arizona Invitational in March. Fido Gonzalez, captain of the squad, and Bill Fairley won the doubles consolation title and made a good showing in singles competition. The entire squad took two dual meets from New Mexico A and M, and in their first encounter with the New Mexico Lobos at Albuquerque, set them back 5-2. A dual match with Texas Tech, and a return match with the Lobos were scheduled before the Muckers left for the Border Conference meet, where they were expected to place near the top in net competition. Only one member of the '49 squad was to graduate this May. Three of the top players, Gonzalez, Kobren and Fairley, will be on hand for the 1950 campaign.

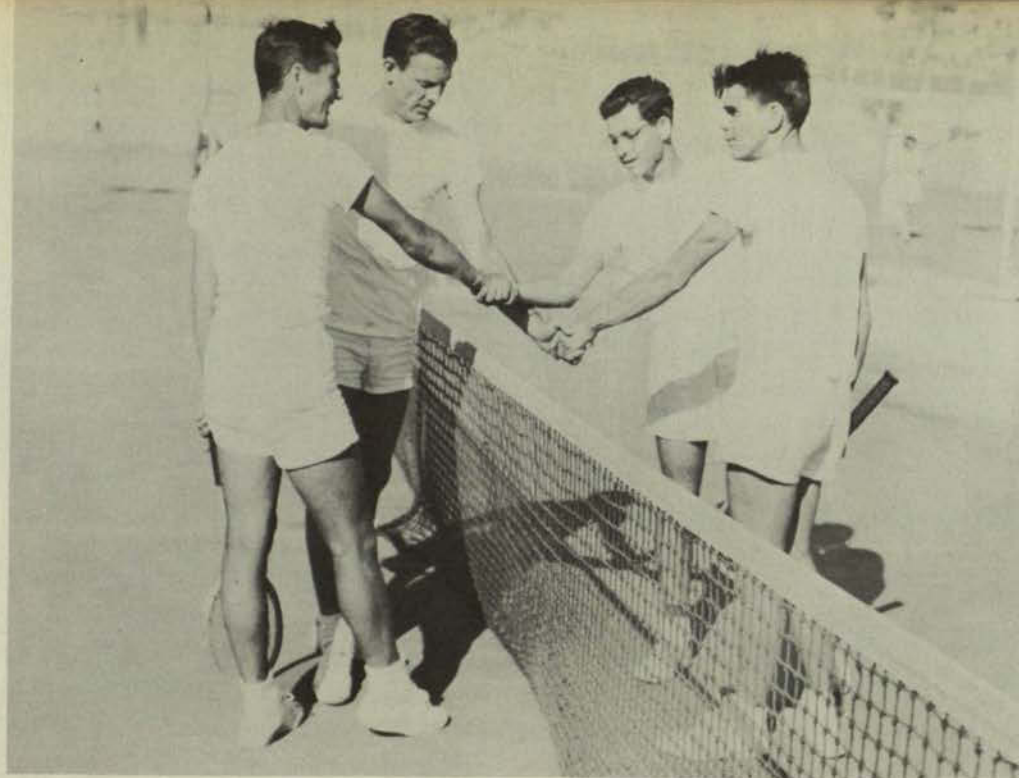


GONZALEZ—No. 1

FAIRLEY—southpaw







NEW MEXICO'S WEBB AND KAYNE SHAKE  
WITH MINES' GONZALEZ AND KOBREN



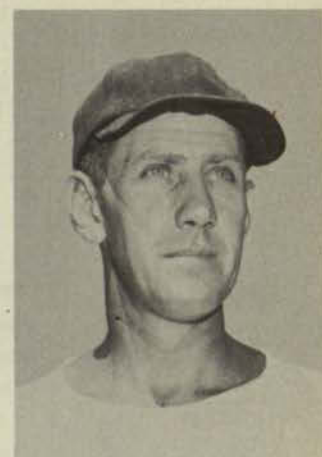




1949 Track Team: *Front Row*—JAVIER MONTES, JIM DeGROAT, ERNEST KIELY, HENRY GIFFEN; *Second Row*—LARRY STAUB, CHARLES HARDIE; *Third Row*—KENNETH BEARDEN, LAURO DEL VALLE, PETE FAULKNER, TERRELL SCEARCE, ART GRAY, JACK PARKS; *Backrow*—EDDIE JABALIE, GORDON THOMSON, RICHARD ADAMS. *Not shown*—RALPH BREWSTER, JIMMY HAMMOND, LEWIS MONTOYA, VINCENT RASCON.

## ***DeGroat, Kiely Pace 1949 Track***

With the loss of two good dashers (Fred Wendt and Lee Cargile), Track Coach Dale Waters found he had a 1949 track team banking heavily on the shot-put performances of Ernest Kiely and Jim DeGroat to pace the Miner entry in to the Border Conference meet. These two hefties, along with six other lettermen, compromised the core of the 1949 cinderpath crew. Although not too optimistic about this season, Waters is planning ahead, for the spring of 1950, when ineligible freshman stars join the varsity. Of these, Javier Montes, one of the outstanding Southwest milers, is the most valuable. In two early spring meets at Fort Worth and Austin, Montes ran the mile in 4:28.4 and 4:23.1. Other freshmen spikesters that are expected to make Mines a tough Border Conference track foe in 1950 are Richard Adams, a 440-man from Roscoe, and Angel Colorado, a short-run teammate of Montes at Bowie High School. Waters planned to send his varsity crew through several dual and tri-angular meets with New Mexico A and M, Texas Tech, Arizona, Tempe, New Mexico and West Texas before the B-C track meet May 13-14 at Albuquerque.



WATERS—Coach

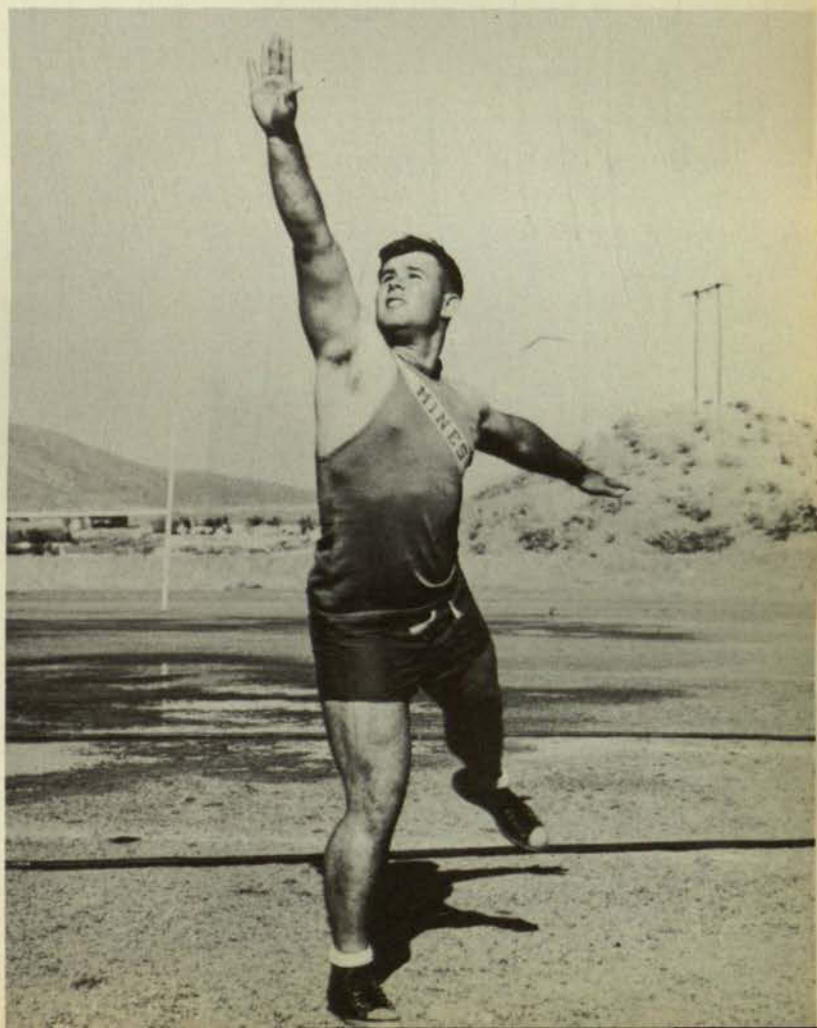


DEL VALLE—880





DeGROAT—shotput



KIELY—shotput





ADAMS—440

MONTES—mile



PARKS—broadjump

BEARDEN—hurdler

SCEARCE—220



THOMSON—polevault







1949 Golf Team: CHARLES HARRELL (captain), VIC SHACKELFORD, CHUCK MARINO, CAROL WOMACK.

#### HARRELL CAPTAINS GOLFERS

Only one letterman returned to form the base of the 1949 Mines Golf Team. Charles Harrell, for two years the best golfer at Mines, again returned to the fairways to captain a new team made up of Harrell, Vic Shackelford, Carol Womack and Chuck Marino. The Miner linksmen engaged in matches with New Mexico A and M and Arizona golfers and shared honors with several other Border Conference schools. Golf Coach Jack Curtice, although losing Harrell this year, will have several aspiring golfers ready to fill the vacant spot next year.

#### HARRELL







MARINO



SHACKELFORD



WOMACK





*Back Row:* YVAN RECHY, Mgr., HECTOR CARRANZA, ARMANDO BRIONES, GUADALUPE RODRIGUEZ, FRANK GARCIA.  
*Front Row:* JOHN MAGRUDER, CHARLIE LOPEZ, RAYMUNDO PARRA, OSCAR VILLAREAL

## ***Independents Nab Cage Crown***

A strong group of Independents annexed the intramural cage crown for the second time in two years to open up the 1948-49 Intramural campaign in the fall semester. As undefeated champions of the White League, the Independents met Mu Epsilon Chi, the Orange League standard-bearer, in the finals. The game was a rousing curtain-dropper, with the Independents making a dramatic finish to win 35-34. In preliminary scrambling, MEX and Kappa Alpha Chi proved to be the top fives in the Orange bracket, while the Band, Pre-Meds, and Independents made a free-for-all out of the White League. Boys' Intramural Director Bill Fairley completed one of the most outstanding intramural seasons in the spring, when softball, volleyball, ping-pong, football, shuffleboard, track, golf, tennis, and other tournaments were held on the campus. The Mines intramural winners were to meet those of New Mexico A and M in a dual meet on May 6.

PARRA







SANCHEZ



YAPOR



MORA

*Seated:* MIKE GRADO, GILBERT LOPEZ.

*Standing:* DAVID SANCHEZ, OSCAR CABALLERO, CHICO YAPOR, JOE D. MORA, JOE GARCIA.







**VOLLEYBALL CHAMPS**—*Front:* ELSIE THOMAS, BETTY McELHANAN, MARY LOU NEELY; *Middle:* SUSAN REYNOLDS, MARY DARR, BETTY SUE RICHARDS, ANNABELLE RICHARDS; *Back:* DOROTHY BILLS, FRANCIS HOLMSLEY, BARBARA KNIGHT, ETTIE JEAN PRUETT, BETTY JAGOE, JOAN CAREY

## Volleyball Champs: TRI-DELTS

## Girls' Intramurals

With more eagerness than talent, the 1948-49 girls intramural contestants in five sports displayed the same keen sense of competition that reigned in the men's intramural contests. Generally, teams from the Delta Delta Delta and Mu Epsilon Chi dominated play, with the Tri-Delts taking two championships and MEX two.

Through September and October, Mrs. Ernest Craig, girls' intramural director, pushed to completion the first sport, volleyball. In a double elimination tournament, the Tri-Delts and Phrateres emerged as finalists. With small crowds of supporters looking on, the Tri-Delts, with Betty Sue Richards, Susan Reynolds, and Eddie Jean Pruitt doing much of the work, downed Phrateres 26-18. Ping-Pong and horseshoe tournaments were being played at the same time as the volleyball teams clashed. The field of twenty in horseshoes narrowed down until two MEX teams remained. Alicia Rivera and Elsie Yip finally going down before Stella Vasquez and Monse Chavez 21-19, 21-15. Stella Hesler, one of Tri-Delts' outstanding athletes, won the Ping Pong championship by trimming Independent Womens' Tony Heredia 21-13, 21-13. The basketball tournament drew out many supporters of the seven teams entered. A mob of almost 50 roared as a smooth MEX six (according to the rules) completely outclassed a hapless Tri-Delts crew 22-5 in a onesided finals match. Monse Chavez lead MEX and Betty Sue Richards paced the Delta offense.

## Runners-up: Phrateres

**VOLLEYBALL RUNNERS-UP**—*Seated:* BILLIE JOYCE WEST, MARILYN (COOKIE) CROWELL, IRENE FARRA; *Standing:* BARBARA BEHRMAN, ZORA SEGULIA, BILLY LUNDELL, WYMELL TERRY, COLLEEN DAKAN, MATTIE BETH JAMES, EVELYN WHITNEY







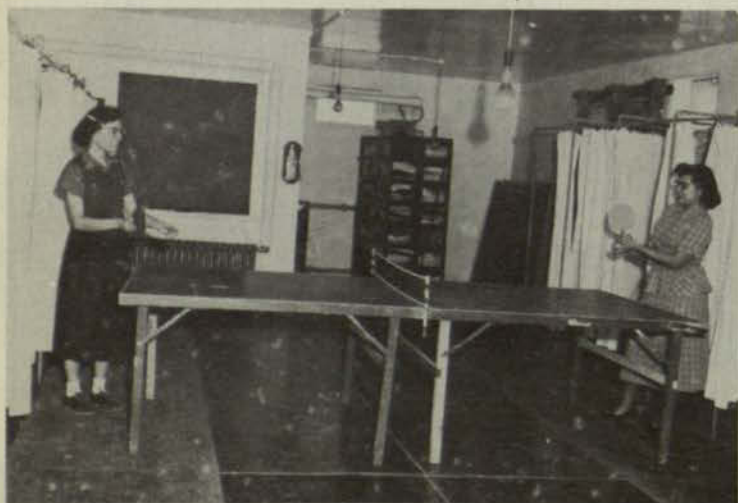
CHAVEZ GETS A CRIP SHOT



PING-PONG CHAMP HESLER

## MEX Takes Cage, Horseshoe Crowns

Ping-Pong and horseshoe tournaments were being played at the same time as the volleyball teams clashed. The field of twenty in horseshoes narrowed down until two MEX teams remained. Alicia Rivera and Elsie Yip finally going down before Stella Vasquez and Monse Chavez 21-19, 21-15. Stella Hesler, one of Tri-Delts' outstanding athletes, won the Ping Pong championship by trimming Independent Womens' Tony Heredia 21-13, 21-13. The basketball tournament drew out many supporters of the seven teams entered. A mob of almost 50 roared as a smooth MEX six (according to the rules) completely outclassed a hapless Tri-Delts crew 22-5 in a onesided finals match. Monse Chavez lead MEX and Betty Sue Richards paced the Delta offense.



HESLER AND HEREDIA START PING-PONG FINALS



HORSESHOE FINALISTS POSE





ALARCON, CHAVEZ, RICHARDS, and MAYFIELD.



ALARCON—out for singles crown.

## ***MEX Pair Dominates Tennis***

Talent is never lacking in the girls' intramural tennis tournaments, and this year, with an ex-high school star to spark competition, the net tourney found outstanding tennis players in the girls' physical education department. As doubles competition neared the climax, one favored duo, Lorraine Richards and Sue Jane Mayfield, were beaten Alicia Alarcon and Monse Chavez, MEX's top net pair, advanced and were to meet independent players Pollyanna Moore and Doris Tickell in the finals. Singles matches featured such players as the above four and Barbara Wright.



RICHARDS—top-seeded in singles.



# SNAPSHOTS







ZETAS SMILE FOR HOMECOMING VISITORS



ENGINEER "TEA" PARTY



GLAMOR "GOILS" GLINES, BANNER, HUGHES, HALL AND VAN WINKLE



MR. STRAIN'S GEOLOGISTS UNEARTH MASTODON



DORM GIRLS SITTING PRETTY

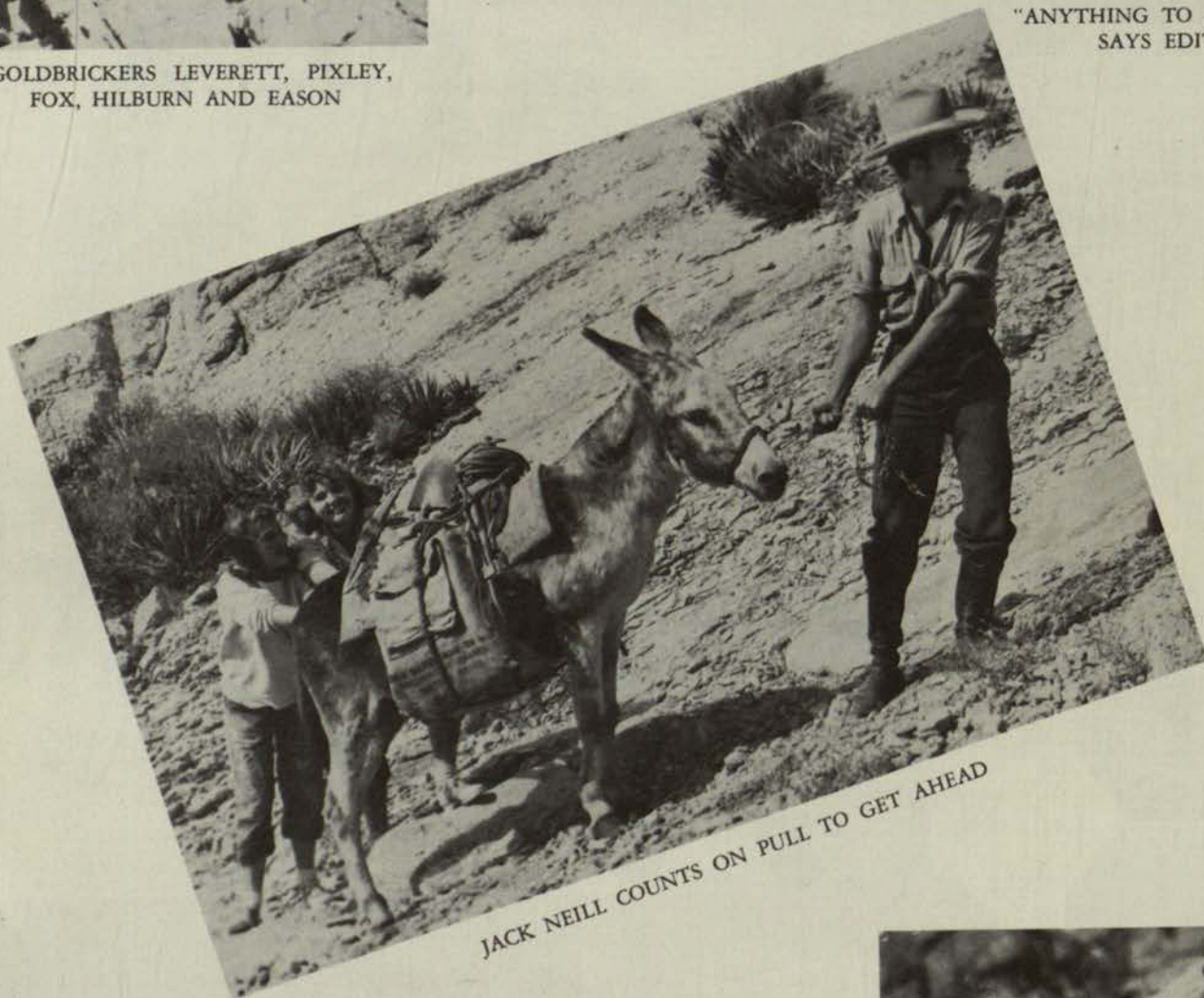




GOLDBRICKERS LEVERETT, PIXLEY,  
FOX, HILBURN AND EASON



"ANYTHING TO BOOST CIRCULATION"  
SAYS EDITOR GROUNDS



JACK NEILL COUNTS ON PULL TO GET AHEAD



PLENTY FOR ALL



THIRSTY, PONDER?





RUBEN AND RIP HELP THE FROSH



LIME-AIDES



TRUCK TRANSPORTS SLAVE LABOR



JOB ALMOST DONE





LUCKY DAN COWART!  
CAUGHT BY BEAUTIES BARBARA WRIGHT,  
JACKIE HALL AND JEAN WILCOX



SCHMOO



MARRYIN' SAM GEORGE GROUNDS



BILL LYNCH AND FRANCES HOLMSLEY



DESTINATION MATRIMONY. COWART, HALL,  
NEGRETTE, WILCOX, BUTTRAM AND WRIGHT



AIN'T LUV GRAND?

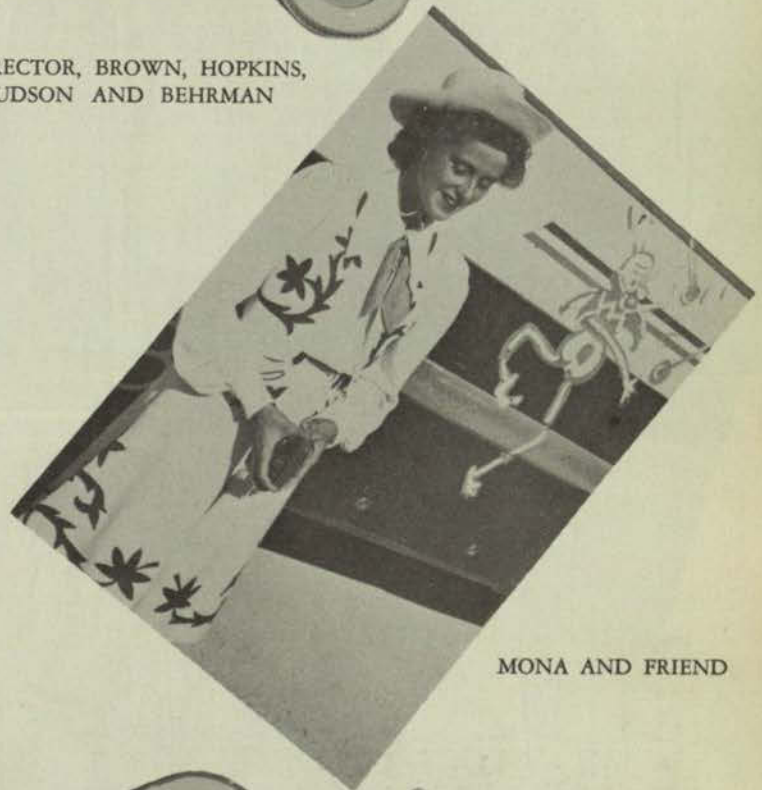




"BEATS WALKING" SAY RECTOR, BROWN, HOPKINS,  
FRANK, RICHARDS, HUDSON AND BEHRMAN



BARBARA WRIGHT PEERS OUT AT TUCSON CAMPUS



MONA AND FRIEND



MAJORETTES CASS AND DERRICK  
LEAD GOLD DIGGERS



"MORNING AFTER" ENTHUSIASM, SHOWN BY ROGER  
THE LODGER, KING SAM AND ARCHIE MILLER



DON SURRATT IN TUCSON PARADE LINEUP





HALFTIME AT HOMECOMING GAME



INDEPENDENTS IN HOMECOMING PARADE



JIMMY HICKS AND DELTA GAMMAS



DUCHESSES DERRICK, PRENTISS, VESEY AND MILLIKEN



NORMAL KNIFFEN, H. S. U. TWIRLER



DELTA GAMMAS BURY H.S. U. PLAYERS IN YARD





Honolulu Hep Cats, DAVE COHEN and JANE PIATT.



ROSS MOORE sheds Texas boots to try Hawaiian comfort.

Texans GROUNDS, ELLISON, GABREL, WILKINSON and HAMMOND try on latest Hawaiian styles.



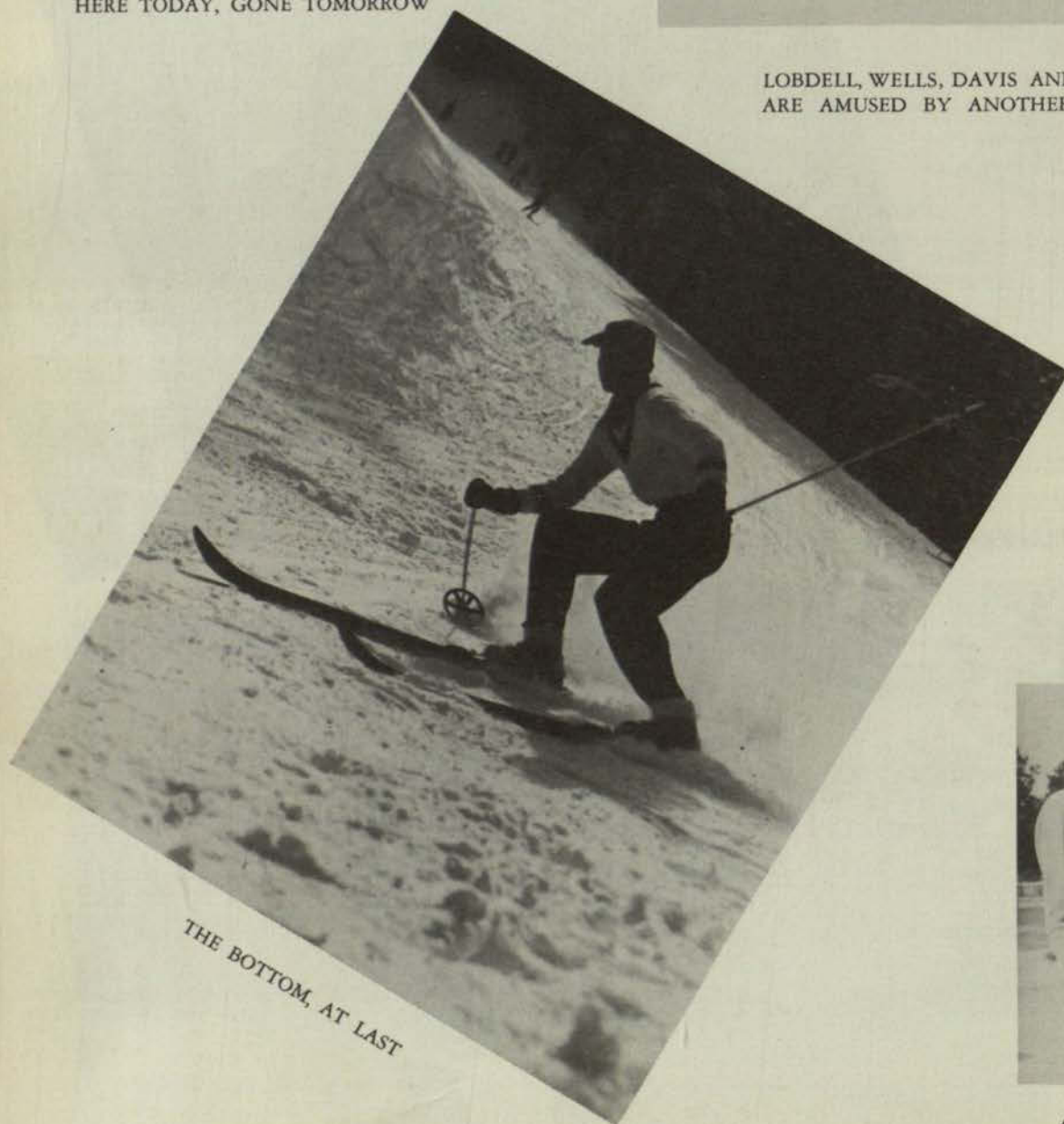




HERE TODAY, GONE TOMORROW



LOBDELL, WELLS, DAVIS AND QUEEN LANDSDOWNE  
ARE AMUSED BY ANOTHER'S TOUGH SLEDDING



THE BOTTOM, AT LAST



A TEXAN ADDS TO THE  
PICTURESQUE LANDSCAPE





*Vying for beauty title are finalists NICHOLS, HUNTER, LAKE, MILLIKEN, HALL, PAXTON, LAIRD, DIVINE, BROWN, GOODLOE, BRIDE and TRAVIS.*

*Most Beautiful Girl, JOYCE HUNTER, and Beauty Runners-Up, just before the Flowsheet dance. Left to right: MARY BETH NICHOLS, JEAN BRIDE, JOYCE, MINNIE TRAVIS and PAT MILLIKEN.*







FOOD, FOOD, IT WAS HERE A MINUTE AGO



BROWN, FREEMAN AND KING



ENGINEERS AND TWO STRAY PEEDOGGIES AT  
ENTRANCE OF IRON DUKE MINES, OROGRANDE



NEW MEMBER OF THE "ORDER OF ST. PATRICK"

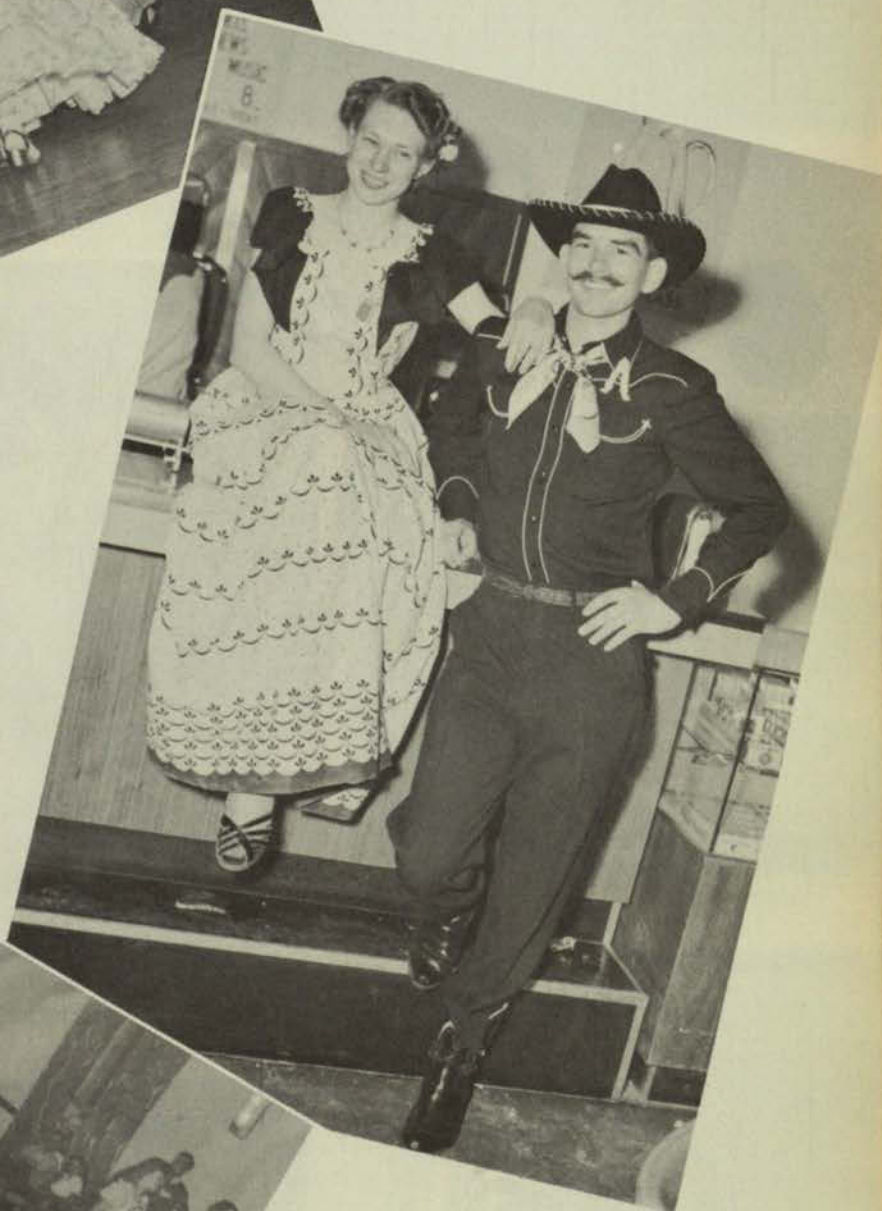


CHOW TIME AT ST. PAT'S PICNIC

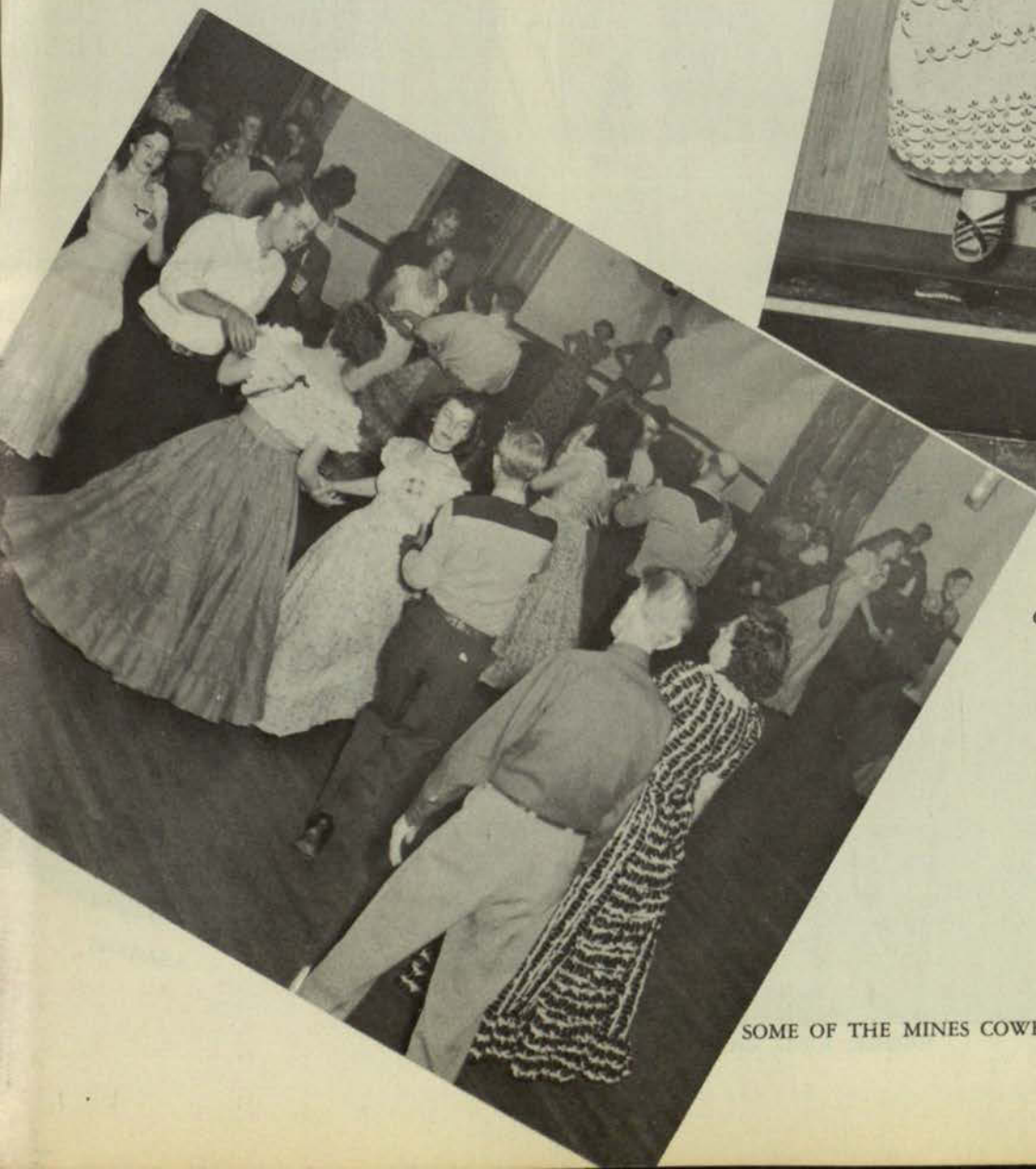




WESTERN DAY SQUARES



CURTIS AND HAMMOND SIT THIS ONE OUT

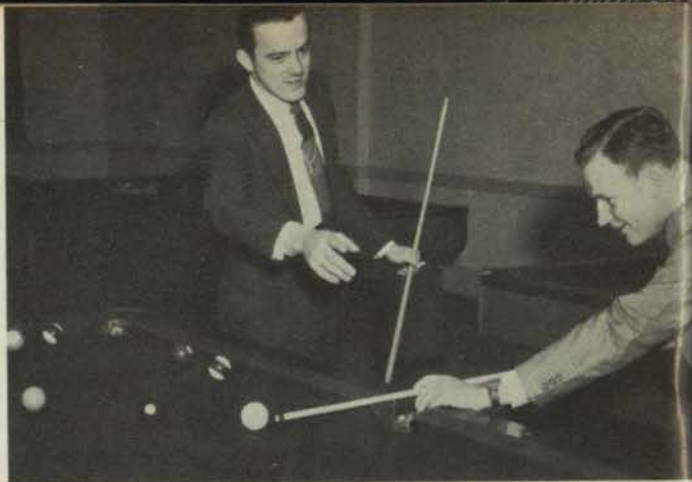


SOME OF THE MINES COWBOYS AT AN OLD FASHIONED HOE DOWN





BRUSHING UP ON TACTICS



JIMMY AND "OLE STU"



JEAN



MUD



PEGGY



PAT



ROOM WITH A SOUTHERN EXPOSURE



RUTHY



ELLEN



ELAINE



DOLORES DUNCAN



BARBER, KING, CARR, KING



JANIE STOCKWELL





LAMBDA CHIS LOAF



CLOSE TO FINALS

IRENE



ALEC



WELCOME WELCOME



IN THE GOOD OLE SUMMER TIME!



BARBARA



OVATONES  
JACK, JUNE, ADA, LLOYD AND RANDY



ADA LOUISE





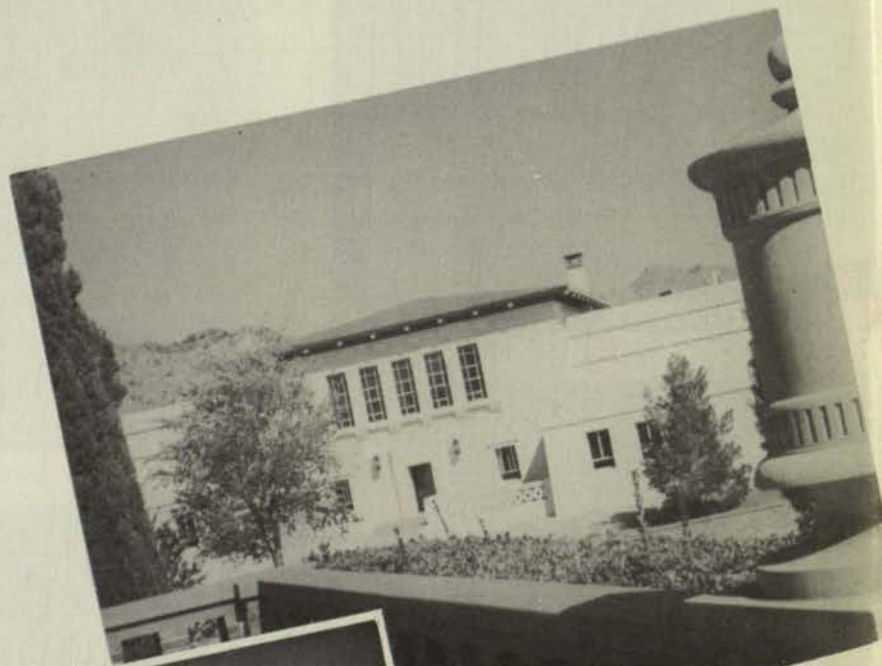
YVONNE CHANG, student from China,  
looks over Mines Museum exhibit from her  
native country.



CENTENNIAL MUSEUM



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Students study in main reading room.

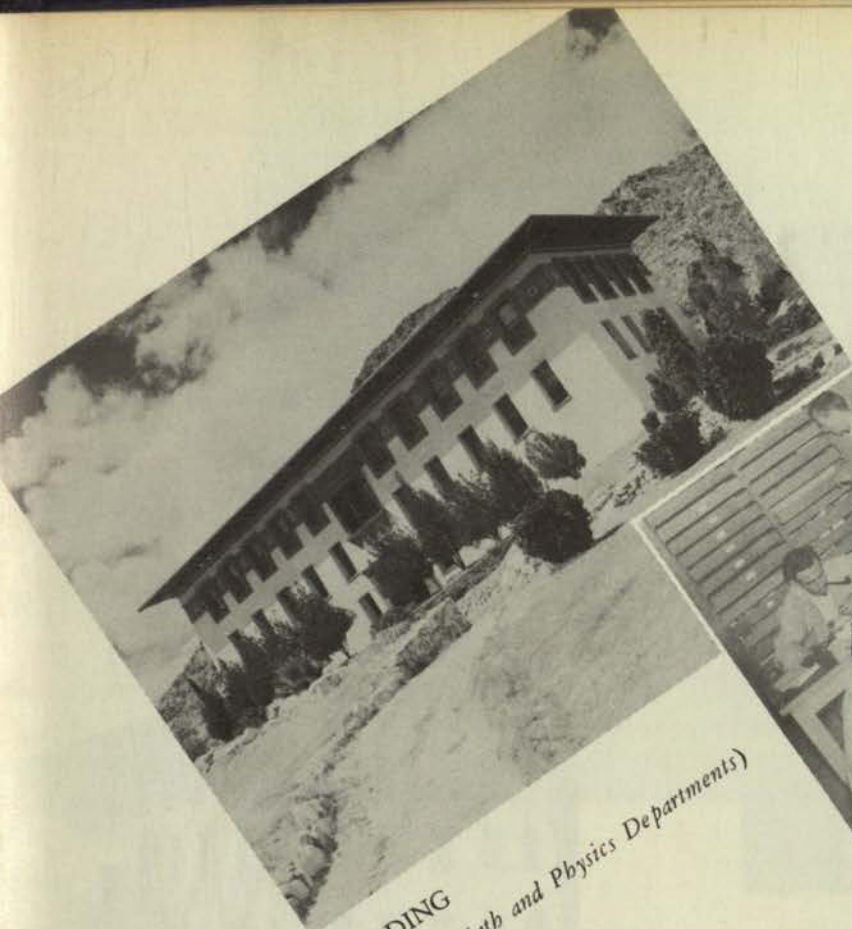


COTTON MEMORIAL BUILDING  
(Art Department)

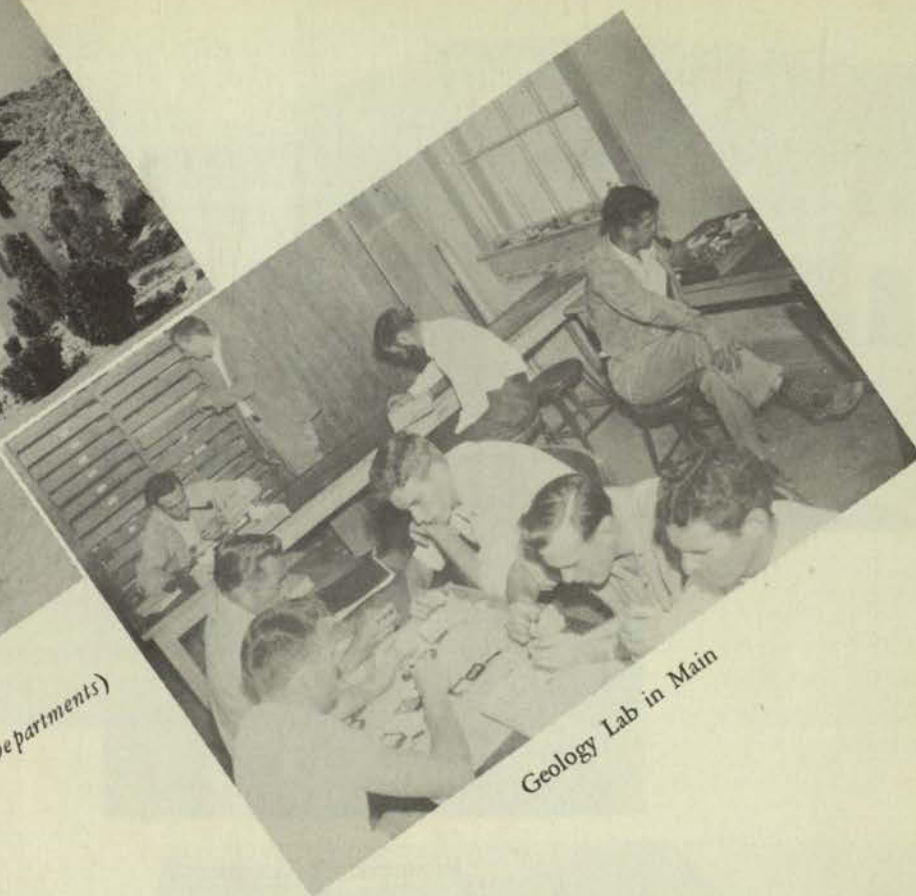


COTTON BUILDING  
ART GALLERIES





MAIN BUILDING  
(Geology and Math and Physics Departments)



Geology Lab in Main



BURGES HALL (Modern Languages and Biological Sciences Departments)



KELLY HALL  
(Journalism and Radio Department)

Students broadcast from college radio station, KVOF, in Kelly Hall.







ENGINEERING BUILDING

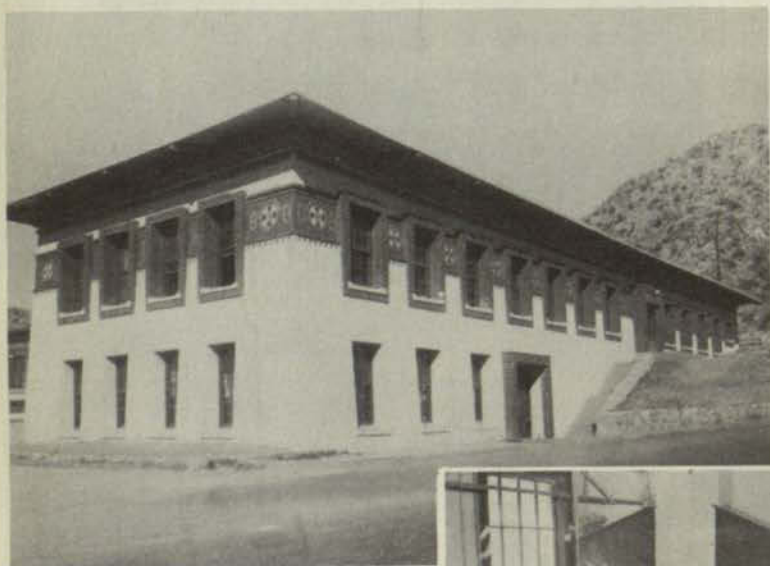
SEAMON HALL (*Mining and Metallurgy Department*)



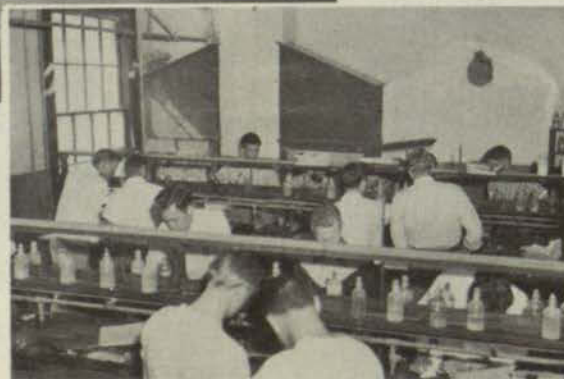
Engineering Lab



Metallurgy Lab in Seamon



CHEMISTRY BUILDING



Students in Chemistry Lab





HOLLIDAY HALL (*Physical Education Department*)



STABLES



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NEW GIRL'S DORM AND DINING HALL



GIRL MEETS BOY IN NEW DORM LIVING ROOM





WORRELL HALL (DORMITORY)

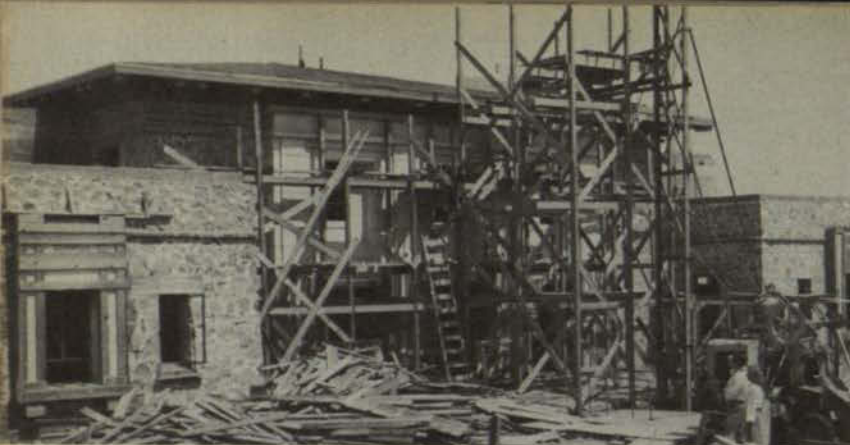


ROOM, NEW BOY'S DORMITORY

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PRIDE OF TCM



SET UM UP







STUDENT UNION BUILDING BALL ROOM.

MAIN LOBBY, SUB







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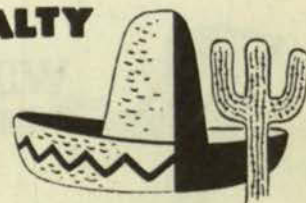
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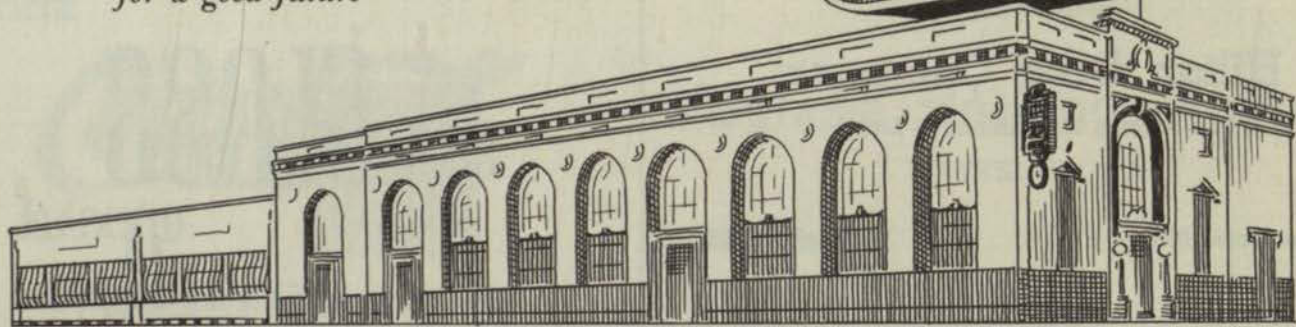
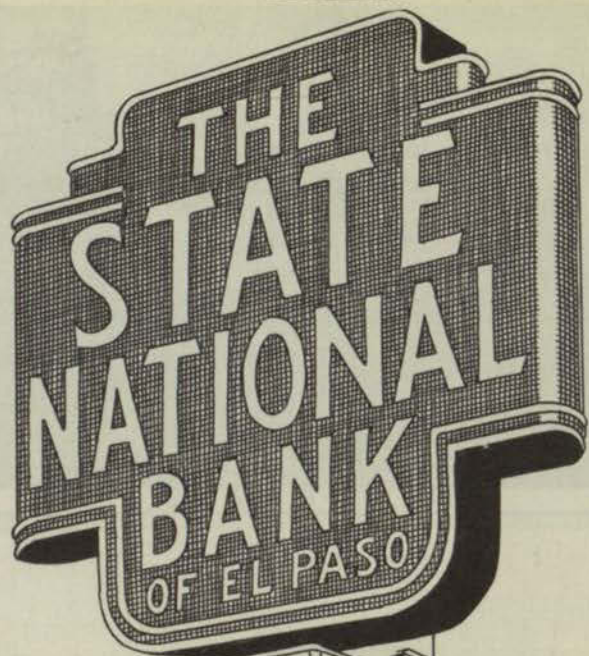
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