

# THE GEAR



## OF THETA TAU

SPRING, 1934

VOLUME XXIII

NUMBER 2



*The* GEAR of  
THETA TAU



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# Theta Tau Fraternity

Founded at the University of Minnesota  
October 15, 1904

## FOUNDERS

ERICH J. SCHRADER  
W. MURRAY LEWIS

ISAAC B. HANKS  
ELVIN L. VINAL

## EXECUTIVE COUNCIL

- FRED COFFMAN, Lambda '15 . . . . . *Grand Regent*  
North Carolina State Board of Health, Raleigh, N. C.
- H. H. HOPKINS, Beta '08 . . . . . *Grand Vice-Regent*  
1724 W. Fulton St., Chicago, Ill.
- ERICH J. SCHRADER, Alpha '05 . . . . . *Grand Scribe*  
Box 244, Reno, Nevada
- PROF. JAMISON VAWTER, Zeta '16 . . . . . *Grand Treasurer*  
217 Engineering Hall, University of Illinois, Urbana, Illinois
- PROF. DONALD D. CURTIS, Omicron '19 . . . . . *Grand Marshal*  
Clemson College, South Carolina
- PROF. J. M. DANIELS, Nu Hon. '22 . . . . . *Grand Inner Guard*  
Carnegie Institute of Technology, Pittsburgh, Pa.
- RUSSELL G. GLASS, Sigma '24 . . . . . *Grand Outer Guard*  
23401 Chardon Road, Euclid, Ohio

## DELEGATE AT LARGE

- PROF. RICHARD J. RUSSELL, Epsilon '19 . . . . . *Past Grand Regent*  
Louisiana State University, Baton Rouge, Louisiana

## ALUMNI ASSOCIATIONS

- Central Ohio*—Caleb E. Osborn, 1965 Indianola Ave., Columbus, Ohio.
- Chicago*—Dick Van Gorp, 910 South Michigan Blvd., Chicago, Ill.
- Cleveland*—R. G. Glass, 23401 Chardon Road, Euclid, Ohio.
- Intermountain*—A. H. Sorenson, 407 Templeton Bldg, Salt Lake City, Utah.
- Kansas City*—R. W. Nusser, 5011 S. Benton, Kansas City, Mo.
- Southwestern*—W. A. Steenberg, Dept. of Eng., Eng. Bldg., U. of Ariz., Tucson, Ariz.
- St. Louis*—H. R. Kilpatrick, 216 Elm Ave., Glendale, Mo. (c/o Kirkwood P. O.)
- Twin City*—John H. Moore, 513 Summit Ave., Minneapolis, Minn.



# Chapters

- ALPHA, *Founded October 15, 1904* - - - - University of Minnesota  
(Chapter house) 324 Walnut St., S. E., Minneapolis, Minn.
- BETA, *Established March 26, 1906* - Michigan College of Mining and Tech.  
(Chapter house) 233 College Ave., Houghton, Mich.
- GAMMA, *Established November 8, 1907* - - Colorado School of Mines  
c/o Prof. B. B. Boatright, Colo. School of Mines, Golden, Colorado
- DELTA, *Established May 23, 1911* - - Case School of Applied Science  
Theta Tau Box, Case School of Applied Science, Cleveland, Ohio
- EPSILON, *Established May 4, 1912* - - - - University of California  
Box, Hearst Mining Bldg., University of California, Berkeley, Calif.
- ZETA, *Established April 17, 1912* - - - - - University of Kansas  
(Chapter house) 1409 Tennessee Street, Lawrence, Kansas
- THETA, *Established May 26, 1914* - - - - - Columbia University  
Care of Prof. T. H. Harrington, Columbia University, New York City
- IOTA, *Established February 5, 1916* - - - - Missouri School of Mines  
Theta Tau Box, Missouri School of Mines & Metallurgy, Rolla, Mo.
- KAPPA, *Established March 25, 1916* - - - - University of Illinois  
P. O. Box 516, Station A, Champaign, Ill.
- LAMBDA, *Established April 29, 1920* - - - - - University of Utah  
Theta Tau Fraternity, Union Building, Salt Lake City, Utah
- MU, *Established January 3, 1922* - - - - - University of Alabama  
P. O. Box 1279, University, Alabama
- NU, *Established January 1, 1922* - - Carnegie Institute of Technology  
P. O. Box 114, Carnegie Institute of Technology, Pittsburgh, Pa.
- OMICRON, *Established February 3, 1923* - - - - University of Iowa  
(Chapter house) 4 East Market Street, Iowa City, Iowa
- PI, *Established May 26, 1923* - - - - - University of Virginia  
P. O. Box 1054, University, Virginia
- RHO, *Established February 16, 1924* - N. C. State College of Ag. and Eng.  
P. O. Box 3775, State College Station, Raleigh, N. C.
- SIGMA, *Established November 29, 1924* - - - Ohio State University  
(Chapter house) 1965 Indianola Ave., Columbus, Ohio
- TAU, *Established December 12, 1925* - - - - - Syracuse University  
P. O. Box 11, University Station, Syracuse, New York
- UPSILON, *Established April 7, 1928* - - - - University of Arkansas  
P. O. Box 24, University Station, Fayetteville, Arkansas
- PHI, *Established April 21, 1928* - - - - - Purdue University  
(Chapter house) 416 N. Main St., West Lafayette, Ind.
- CHI, *Established April 23, 1930* - - - - - University of Arizona  
Theta Tau Box, Engineering Bldg., University of Arizona, Tucson, Ariz.
- PSI, *Established May 7, 1932* - - - - - Montana School of Mines  
Theta Tau Fraternity, Care of Montana School of Mines, Butte, Montana
- OMEGA, *Established March 26, 1932* - - - - S. Dakota School of Mines  
(Chapter house) 1117 St. Joe St., Rapid City, South Dakota

# ELEVENTH BIENNIAL CONVENTION



FRONT ROW—Anderson, Ott, Gifford, Howe, Van Velkinburg, Coffman, Schrader, Curtis, Vawter, Hopkins, Daniels, Wideman, Wilson  
MIDDLE ROW—Hanneforth, Forchner, Irewis, Brierly, Hannon, Glass, Barnes, Westin, Peretti, Mercer, Noble, Boyd, Cope  
BACK ROW—Nygren, Paul, Thompson, Hammond, Kennard, Hays, Johnson, Vestermark, Peterson, Jerry, Teague, Hacker, David, Cloud

# The Eleventh Biennial Convention

Chicago, Illinois, December 28-30, 1933

Chicago's fame as the "Windy City" suffered no loss of prestige with Theta Tau when the arriving delegates to the 11th biennial convention were greeted with swirling white snowflakes riding into the city on a gale coming off Lake Michigan and with the temperature hovering around the zero point. However, as the delegates were quickly ensconced in the palatial Medinah Michigan Avenue Club, headquarters of the convention, the weather was quickly forgotten. Indeed, so complete were the facilities available right in the hotel itself, that there was little need for the visitors to take note of the weather during their stay in Chicago, except on occasional late evening ex-



Convention Headquarters  
Medinah Michigan Avenue Club

peditions into various corners of the brightly lighted city when it is certain that weather conditions went quite unheeded.

With the Chicago Alumni Association as hosts, the delegates and visitors first assembled for a get-acquainted smoker in the Lounge Room on the evening of December 27. This was a most pleasant occasion, especially because so many Chicago alumni were in attendance. This gathering was also highly honored by the presence of Past

Grand Regent, George D. Louderback. Brother Louderback was in Chicago for a Geological Society meeting but was unable to attend any of the regular business sessions of the convention.

## THE GEAR OF THETA TAU

The convention was formally opened at 11:00 A. M., December 28, with Grand Regent Fred Coffman presiding and with the following official representatives present:

## OFFICERS

Fred Coffman	Lambda '15	Grand Regent
H. H. Hopkins	Beta '08	Grand Vice-Regent
Erich J. Schrader	Alpha '05	Grand Scribe
Jamison Vawter	Zeta '16	Grand Treasurer
D. D. Curtis	Omicron, Hon.	Grand Marshal
R. W. Van Velkinburg	Omicron '25	Grand Inner Guard
J. M. Daniels	Nu, Hon.	Grand Outer Guard

Paul Mercer, Omicron '21 and J. W. Howe, Omicron '24, Editors of THE GEAR

## DELEGATES

Alpha	B. Ward Thompson	Nu	Henry C. Westin
Beta	J. L. Wilson	Omicron	Howard Noble
Gamma	Keppel Brierly	Pi	Harry M. Hammond
Delta	J. Elliott Hannon	Rho	Wm. Boyd
Epsilon	Jack Hays	Sigma	Arden R. Hacker
Zeta	Clayton B. Ott	Tau	James J. Jerry
Theta	R. O. A. Petersen	Upsilon	Richard Cope
Iota	W. T. Irwin	Phi	Earl Hanneforth
Kappa	Wm. F. Barnes, Jr.	Chi	Wm. Kendric Cloud
Lambda	Max J. Kennard	Psi	Ettore A. Peretti
Mu	Robt. L. Teague	Omega	James Forchtner

Twin City Alumni Assoc.  
Intermountain Alumni Assoc.  
Chicago Alumni Assoc.  
Cleveland Alumni Assoc.  
Central Alumni Assoc.

Clifford O. Anderson, Alpha '32, Delegate  
E. J. Schrader, Alpha '05, Delegate  
Edw. W. Gifford, Kappa '28, Delegate  
Russell G. Glass, Sigma '24, Delegate  
Russell G. Glass, Sigma '24, Delegate

## ALTERNATES

Sigma	Hubert G. Wideman
Omicron	Lyle Vestermark
Chicago A. A.	R. R. Van Velkinburg

The first order of business was the appointment of the several convention



Hanneforth, Jerry, Cope, Thompson

committees. This was followed by the report of the Credentials Committee who had been busy examining

delegates during the morning as well as during much of the previous evening. The Grand Regent then gave his report for the biennium, laying stress on the fact that while every chapter has had its difficulties during the past two years, we have not lowered our ideals or standards and our colors are still flying high.

During the afternoon, reports from the remaining national officers, THE GEAR editors, and from the chapter delegates were heard.

On Friday, December 29, the real fireworks broke loose as the committee reports were submitted. The considerable debate from the floor evidenced the keen interest of all in promoting only the best possible legislation. During the morning, the Ritual Committee presented, and the convention adopted, a Memorial Service, written by Brother Erich J. Schrader, Grand Scribe, paying tribute to members of the fraternity who have passed away. It is the intention that this service be used in all future conventions of the

fraternity and as desired by individual chapters.

The constitution and by-laws were revised in some minor details, perhaps the most important change here being



Daniels, Teague, Gifford,  
Curtis

added to the constitution permitting the election of graduate students to active membership in Theta Tau.

The report of the Publications Committee was the signal for considerable discussion culminating in some definite suggestions for improving THE GEAR. Further mention of these is made on the editorial page. The job of completing the Manual of Theta Tau was given to Brother Marshall, Lambda '32, while the Executive Council was given authority to publish it as soon as practicable.

The convention banquet was held Friday evening with a large number of Chicago alumni again on hand. Brother E. W. Gifford, Kappa '28, Delegate of the Chicago Alumni Association, was toastmaster and, aided and abetted by a host of speakers, provided wit and humor for the evening. One of the high lights of the banquet was the Chicago Alumni Quartette. Their selection, "Down on the Farm," was rendered with great feeling and brought tears (of laughter) to the eyes of many listeners. It was Brother Schrader, however, who drew the real applause when he told what membership in Theta Tau really means.

The final session of the convention was held Saturday morning, December 30. At this time the report of the Committee on Resolutions was given, the election of officers was held, and the newly elected officers were duly installed. The election results were as follows:

Grand Regent	Fred Coffman
Grand Vice-Regent	H. H. Hopkins
Grand Scribe	Erich J. Schrader
Grand Treasurer	Prof. Jamison Vawter
Grand Marshal	Prof. Donald D. Curtis
Grand Inner Guard	Prof. J. M. Daniels
Grand Outer Guard	Russell G. Glass
Delegate at Large	Prof. Richard J. Russell

A cordial invitation was extended the Fraternity to hold the next biennial convention in Salt Lake City by Lambda Chapter, while Nu Chapter gave a similar invitation to meet in Pittsburgh. As usual, the invitations were referred to the Executive Council for later decision.

# Convention Chatter



Contrary to the general impression as to the prevalence of machine gun episodes, hold ups, pineapple throwings, and the like, Chicago was found to be a comparatively quiet and secluded convention headquarters. As Brother Purvis, Xi '24, said, "These Chicago stories are greatly exaggerated; why I've only been caught in machine gun fire once and then the shots all went over my head! It was a simple matter to run the car on to the sidewalk and get out of range. Oh, of course, I've been held up a time or two and my house was robbed once or twice, but if you keep your head under the covers you're always perfectly safe. And besides, they seldom take much anyway!"

Although we had to concede that the very presence of Brother Purvis proved his point, we must admit that at this juncture we had a very violent longing for good old Iowa City.



Another impression seemingly shared by most of the delegates was that Chicago abounded in Fan Dancers. Accordingly, the play boys singly and in droves instituted a thorough search of such cabarets and taverns as appeared likely to be infested with F.

D.'s. Although this quest proved fruitless due to the fact that 12 below weather and ostrich fans are an irreconcilable combination, it is rumored



that the Blond Venus, Mary Sunde, and her escort of pulchritude at the Star and Garter

provided suitable consolation to the aforementioned research staff.

But to put first things third, we should start with the Smoker, Wednesday evening, which enjoyed an excellent attendance of delegates and Chicago Alumni. At this function the name tags were distributed and the brothers lost no time in becoming acquainted. It is understood that Brother Vawter headed the committee which purchased the cigars and chose a weed which was considered the mildest and least over-powering of those offered. This was done with characteristic thoughtfulness for the well being of the younger brothers in attendance. However, the brothers took the mild rope in their stride, and lead by Galloping Jack Hays of Epsilon advanced enmasse upon the tap room where refreshment of any desired strength could be secured for a fee which it was afterward learned could not be included in an expense account.





Perhaps the brawl in the tap room was responsible to some extent for the epidemic of chapter reports the next morning ending "Respectively submitted . . ."

Some of the lighter moments at the business sessions—Grand Regent Coffman's "Life is sweet and time is fleeting"—"Don't I have a vote on this tie? All right, I vote No!"—"I stand approved."—Brierly, Gamma, "Snippy, snooty-snappy-er a snotty letters"—Zeta's list of campus officers, "too long to read"—the public address system's persistent "Mr. McHenry, telephone; Mr. McHenry, telephone"—Grand Treasurer Vawter's grin when he broke the sad news that tap room bills were not chargeable to the expense account.

Apparently the taxi dances in Chicago bear enough similarity to those in New York to enable Brother R. O. A. Petersen to make himself immediately at home in Chicago. Accompanied by a group of eager brothers, Pete launched a tour of the down-



town halls after the smoker, Wednesday night. So successful was he in finding intriguing company early that his following was unable to interest him in continuing the tour and were forced to abandon him to the tender mercies of his moll. In defense of Brother Petersen it must be stated that he had breakfast next morning at the hotel.

Brother Hannon, Delta, was unfortunate enough when barging into the right room on the wrong floor about 2 A. M. to find it occupied by members of the sterner sex. And to think of all the wrong floors he had to choose from!

Even after the strenuous night life indulged in by the brothers, it was still possible for them to be shocked by such a simple thing as a brass door knob.

Chicago's famous Aragon Ball Room proved to be quite as popular with the Hammer and Tongs boys as with its local devotees. On the first night of the Convention two or three of the boys took in this event, which by the way was not included on the official convention program. The second night six or eight of the boys wound up at the ball room, while on the third night our sleuths advise us it appeared as though the Convention simply adjourned to the Aragon.

However, there were some who were not so happy at this outing. Two of



the brothers complained that the only members of the weaker sex whom they could find for partners

were "crocks" and so unversed in the terpsichorean art as to resemble moving vans or ice wagons when in action. There remains, of course, the unexplored possibility that such conclusions may have resulted from an overdose of beer.



The Chicago Alumni Club quartette, roused to fighting trim by Fred Shore, Omicron, scored quite a hit in their appropriate interpretation of "Down on the Farm they always ask for you." (Words on request).



And what, if any, were the actual circumstances surrounding the tardy arrival of the Omega delegates—a car wreck? And, if so, why? It's all very obtuse.

It seems appropriate to consider the possibility of scheduling a "Sleeping Period" at the next convention. Apparently no time was left for this generally - c o n - c e d e d necessary procedure. Although the delegates seem to thrive on the sleepless routine, we old married men should be protected. It is suggested that the hours of 4 A. M. to 11 A. M. be set aside for this purpose at the next convention.



Many reports have come to us concerning the \$3.85 taxi fare incurred by one of the brothers in a weak but gallant moment. However, reports do not check as to the identity of the victim. Suppose there were *two*?

## *Letter from Larry Johnson, Alpha '27*

I suppose someone has already written you of the pleasant dinner the Alumni of Alpha Chapter had with Erich Schrader when he stopped in Minneapolis on his way from the convention.

It takes Erich to get the fellows out—with the magic word of Erich and the magnetic voices of Brothers Cliff Anderson and Skovard, we had a peppy crowd of 38 persons from Walter Wheeler, '06, to the youngest initiate:

Brother Cliff Anderson told us about the convention at Chicago and Brother Erich Schrader informally talked on the progress, business condition, and growth of the National organization.

Brother Jim Colvin told us about the financial condition (still in the blue) of our own local building corporation, along with the suggestion that notes receivable were still very receivable.

Among the old timers at the dinner were Brothers Art Larkin, Walter Collier, Doctor Holman, Chet Marshall, Dinty Moore, George Shephard, Ed Young, Hugo Erickson, Malcolm Chandler, Walter Wheeler, Fred Teshe, Russell Pool, Ed Witt, Seth Witts, Don Kendall, and Rudy Hanson.

We are planning on another rousing spring meeting on May 3 at the Chapter House, and we hope the old H. & T. spirit carries through.



# *Impressions of the Convention*

THOMPSON, Alpha

It was my privilege to represent Alpha Chapter at the Eleventh convention in Chicago. I shall always remember the many pleasures and benefits I derived from attending this convention. The friendly atmosphere and fraternal spirit of the first night smoker, the meeting of Brother Schrader and the other officers and delegates—all foretold the many enjoyable hours spent at the convention.

The reports of the delegates gave me my first real impression of Theta Tau as a national fraternity. These reports gave many interesting facts about each chapter and served to picture the many ties which bind the chapters together into one national fraternity. The business of the convention, performed primarily by committees, gave insight into many matters not ordinarily met with in the local chapters, and also made for a stronger fraternal bond through the hours spent with brother members in committee discussions. The reports of the grand officers were interesting and enlightening as they included many details of the past, present and probable future status of the fraternity.

Important achievements of the convention were the free reign given THE GEAR editors, the permission granted to a local fraternity to petition, and the adoption of a standard bookkeeping form.

Not all of the convention period was spent in convention work. Some time was taken out for sight-seeing and recreation. Just ask a certain delegate what the taxi fare was when

he took a "Gal" home from a north side ballroom one night. And who were the brothers who were so stunned by the blonds in "Roman Scandals?"

The closing banquet was a big success. Brother Coffman still holds the record for the best stories as was demonstrated at the banquet. Lambda chapter says it's hard to beat a Lambda man and Brother Coffman certainly lived up to their statement. Brother Schrader's talk was very interesting. He gave a resumé of the expansion of the fraternity from its start nearly thirty years ago until the present time. With the conclusion of the banquet another successful convention was brought to a close. New found friends turned their respective ways homeward taking with them new thoughts and ideas for bettering their chapter.

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WILSON, Beta

I am sorry to write my impressions of the convention for one reason, it drives home the fact that the time was too short to really become acquainted with all of the officers and delegates.

It is hard for one to put in writing just exactly what the convention meant to him for it is so great a thing—or may I say that the fact that he is a member of such an important organization as Theta Tau is driven so deeply into his soul that words merely scratch the surface.

Never before have I seen a gathering of men with such a unified purpose in carrying out the ideals and

principles of an organization as was exemplified by the officers and delegates at this convention of Theta Tau. The business meetings were all business—short and to the point.

I derived a great deal of pleasure in meeting many of the alumni at the smoker and banquet, especially the Beta alumni, as we had a great deal in common and a fine bull session after the smoker.

In closing I would like to thank the Chicago fellows for their splendid efforts as hosts as they certainly did the job to perfection. I am also wondering if Brother Kennard of Lambda is keeping his vow to ask for the telephone number next time.

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PETERSEN, Theta

#### Impressions:

1. A high opinion of the ability of the Executive Council and GEAR Editors—their understanding, forbearance, and good sense in dealing with delegates.

2. The tendency of some chapters to consider their own welfare before that of the national fraternity.

3. The expedience with which convention business was transacted.

4. The vast amount of time devoted to fraternity business by the Executive Council, especially Brothers Schrader and Vawter.

5. Grand Regent Coffman's annoyance at the ubiquitous loud speakers breaking into every discussion—his embarrassment at the passing of Roberts rules of order by the convention.

6. Those "extra conventional" activities (literally and figuratively).

IRWIN, Iota

Christmas—a snow storm—the Alton to Chicago—hour and a half late—Union Station—take your time don't get lost—breakfast—taxi—six below zero—Brrrr!—'the Med-in-ah' no? the Medinah—success magnificent—this way, sir—room 2204—information—who?—yes, room 2703—going up—Brothers Schrader, Coffman, Hopkins, Daniels and Westin—getting acquainted—more Theta Taus—lunch—Round Table Conference—what's that? a couple of slide rule artists, always talking shop—time to spare—Acquarium, just a lot of fish—Medinah—more handclaps—great—dinner—smoker—Chicago Alumni—b u s y time—exams, watch your step—don't stay out late? .....? A. M. to bed. Thursday—going down—breakfast—meet Brothers Howe and Mercer—10 A. M. Convention opens—reports—lunch—business—business—dinner—prepare committee reports—go places? ..... Friday—reports—the committee proposes—I object—I propose—g o o d i d e a—picture—lunch—the committee reports and proposes—motions—aye—nay—time out—Chicago Tribune—Mart Building—N. B. C.—banquet—speeches—didn't come here t o t a l k—pump handles—quartet—marvelous banquet—what to do—Aragon via elevated—Wayne King—nice time—What Price Taxi. Saturday—more business—final instructions—Convention adjourned—lunch farewells—Field Museum—more farewells—Union Station—asleep in Chicago—awake in St. Louis—the Frisco to Rolla.

The above comprises one of the highlights of my life. A contact which I shall never forget. I was

more than impressed by the men, their ideas, their conduct towards each other and the world and the manner in which the necessary business was disposed. I also wish to thank the Chicago Alumni Association for their cooperation and hospitality.

"FINE men and a GREAT FRATERNITY, Theta Tau."

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H. C. WESTIN, Nu

From all considerations, this convention was one of the most impressive and best planned meetings that I have had the privilege of attending. In particular, the manner in which all business and reports were considered and acted upon gave the delegate a feeling of satisfaction and pride in being a member of the convening body.

As our Grand Scribe, we are very fortunate in having Brother Schrader again with us for the next biennium. His untiring efforts have placed Theta Tau in a position it so justly deserves. The other officers, both new and re-elected, have a very strenuous two years ahead of them if they are to be as successful as the outgoing officers.

The necessity of subordinating one's own interests or those of his chapter for the good of the fraternity becomes obvious to a convention delegate.

We, as engineers, generally are too much concerned with engineering as such, so that we give little thought or effort toward anything else. If we, as Theta Taus, having a breadth of interest, will use our influence and continue to direct our efforts intelligently, I sincerely believe that we will continue to hold the position among

the professional organizations that we now hold.

In closing, on behalf of Nu Chapter, I again extend the invitation to the national officers to come to Pittsburgh for the twelfth biennial convention in 1935. Also, remind W. J. Irwin, Iota '34, of the taxi ride he had to take from the Trianon to an address eight miles the other side of the loop. She must have been some girl, eh what!!!

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HACKER, Sigma

The Chicago Alumni Association is to be congratulated upon its efficient handling of the convention—regards to all the delegates and condolences to Brother Ott, Zeta, who took the "blind date" home from the Aragon—wonder if Jack Hays, Epsilon, has started a matrimonial bureau; he certainly qualified in Chicago.

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JERRY, Tau

My first thought as I think back to the Chicago convention is of the many friends I found there. To all of them I extend greetings. I hope that in thinking again of the convention they find the memory of it as pleasant and as instructive as I do. My only regret is that the opportunity of attending had to be restricted to such a few.

Another fortunate delegate and I spent considerable time one evening after committee meeting talking to our founder, Mr. E. J. Schrader, about the fraternity. If I had ever had any doubt as to the importance of Theta Tau to us as engineers it was banished after our conversation with him. The opportunity of making the acquaint-

ance of Mr. Schrader is alone worth going many miles to realize. The loyalty and devotion of this man to the fraternity is unbounded.

Theta Tau is no longer a small fraternity. Its members may be found in all parts of the world—not all working as engineers, it is true, but each doing his bit for mankind. Its rapid expansion in the last few years is indicative of its importance to the engineering profession. That it has done and can do many things to better the lot of the engineer is undeniable.

May the future conventions of Theta Tau see the ever increasing success of those in the past.

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COPE, Upsilon

The Eleventh Biennial Convention was an education in itself to me. Besides the meeting of many men, all having many things in common and from the various parts of the country, I gleaned much information concerning the fraternity and those responsible for its guidance. I found them to be men of the highest caliber.

Too, Chicago was an excellent place for the Convention. It is centrally located in a most interesting city. The Medinah Michigan Avenue Club, at first impression was just another hotel. But once you start finding out some of its many "high lights" you know why it has the reputation of being one of the most expensive clubs in the world. There seemed to be a ballroom or banquet room to suit anyone's mood. I have never seen such a beautiful setting for an excellent convention. After returning home, I found that I had missed another of its features; an

18-hole golf course on the eighteenth floor.

Along with some tedious committee work, there were several humorous incidents that I noted. I wonder if anyone can duplicate the manner in which Brother Vawter removes that cigar (usually only part of one) when he rises to speak. Some of us wondered if he smoked in his C. E. classes back there at Illinois University, for he certainly did all the time at the convention.

Brother Coffman was continually besieged with the annunciator system while the Convention was in session, and even at the banquet. It was "a big help" to him.

After the Convention was over, Jerry of Syracuse stayed over New Year's with me. We ran into several of the brothers that did the same thing; notably, Forchtner of Omega. We found him (or did he find us?) with a date at the Blackhawk, waltzing to the strains of Hal Kemp with a wide smile on his face.

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CLOUD, Chi

### *Diary of a Delegate*

Dec. 26. Arrive in Chicago tomorrow. Wonder what the convention will be like? The examination is giving me the willies. I'll be glad when it's over.

Dec. 27. Arrived this morning and met Brother Schrader first thing. Don't know just what I did expect, but not what happened. In less than a half hour he and the rest made me feel right at home—just seemed like I'd known them for years. A good bath, a walk, a smoker, and the examination followed in order during

the day. Can't see why the examination should have worried me; it was more of a friendly talk on an agreeable subject.

A bunch of us toured the city tonight. Mustn't forget to ask Brother Petersen how he made out at the dancing Academy . . . Boy oh boy, is it 4:00 A. M. already?

Dec. 28. Business session today. Wish I could handle myself like some of these delegates . . . they sure know their stuff. Never realized before what a big job the Executive Council has . . . no wonder they gripe when we don't answer letters promptly.

Tonight, while the committee I was on was cussing and discussing its duties, Brother Schrader dropped in and talked to us. I learned more in a half hour from him than in all my looking through the Constitution and Ritual. He showed us the advantage of belonging to Theta Tau, and how members could help toward building it up.

Dec. 29. Business session today also. Didn't seem as though anyone strained himself, but they really turned out the work. A convention is certainly the place to clear up doubts, find out reasons, and learn what things are all about.

Toured the town some more tonight. By the way, I wonder what Brothers Perretti, Vestermark, Hacker, Hayes, Kennard, Hammond, Noble, Ott, Whiting, Cope, Irwin, and the rest did last night?

Dec. 30. The convention ended this morning. Ended in fact, but not in memory. I'll always carry visions of friends made, knowledge gained, hospitality received. Well, Tucson, here

I come with a lot of ideas to pass on to members of Chi.

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#### PERETTI, Psi

All of the delegates to the convention will agree that the convention is a great factor in uniting the various chapters of Theta Tau into a firmer bond of fraternal fellowship. It is the tie that keeps the chapters together as one unit, and makes one realize that he is not only a member of Psi, Chi, Omega, or an other chapter, but that he is a Theta Tau.

By associating with the members of other chapters, the delegate soon finds out what a really fine bunch of fellows goes into making up Theta Tau fraternity. He brings home this favorable impression, and cements his own chapter to the rest of the fraternity.

It is indeed regrettable that the convention could not be held annually and that all Theta Tau's cannot attend the convention to come in personal contact with the members of other chapters and the wonderful executive council.

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#### FORCHTNER, Omega

It was my privilege to be the first delegate from Omega Chapter to a National Convention of Theta Tau. To say the least the event exceeded my expectations.

One of the greatest and most lasting impressions derived from the Convention was the Brotherhood of the delegates. This was shown from the time the Convention began until it ended.

The decision of the Convention to award a plaque to the most efficient

chapter each year is commendable. The competition for possession of the award will be keen, and should strengthen each chapter and consequently the Fraternity at large.

The wonderful tact and personality of Brother Schrader, of whom I had heard so much, made me proud that I, too, am a Theta Tau. It seemed that when things were in a tangle, a few words from our Grand Scribe made the situation clear.

I am sure that everyone enjoyed the

Banquet as much as I did, but sometimes I wonder just what I said when called on. The shock of seeing my name on the program with such an array of talent almost unnerved me.

In closing let me say that the gentleman at the desk at the Medinah A. C. didn't miss when he told us "College Boys" to put our expense money in our socks. Also wish we could have seen a gangster or two; it would have been a novelty to say the least.

### In Memoriam

The fraternity regrets to report the death of Brothers John Franke, Lambda '17; and William B. Thomas, Eta '29.

WILLIAM DAVID THORNHILL, Pi '28

William David Thornhill, son of Mr. and Mrs. F. Page Thornhill, was born February 24, 1908, in Bluefield, West Virginia. At the time of his death, January 1, 1934, he was employed by the West Virginia Mining Company.



FREDERICK DAVID  
THORNHILL  
Pi '28

At the University of Virginia, he was the President of the A. S. M. E., a member of the Honor Committee of the University, and Vice-President of the Engineering Class of 1932.

He was Regent of Pi Chapter and was a delegate to the convention in 1931.

Of him, Dean W. S. Rodman of the Engineering Department of the Uni-

versity of Virginia says: "Ever popular with his fellow students, his death was a serious blow to his friends and associates, for it cut off a career in engineering which gave promise of a very real measure of success."

LESTER WARREN, Omega '34

Lester Warren, son of Mr. and Mrs. V. E. Warren, was born in Huron, S. D., April 6, 1912, and died during his fourth year at the South Dakota School of Mines.

He was a member of De Molay and of Theta Tau.

HARVEY W. HELD, Omega '35

Harvey W. Held, 21-year-old son of Mr. and Mrs. William Held, was born in Garretson, S. D., and moved to Sioux Falls, S. D., about eighteen years ago. He was a member of the First Lutheran church and served as a Sunday School teacher when he was in Sioux Falls.

While at the School of Mines, he was on the football squad.

He is survived by his parents, three brothers, and a sister.

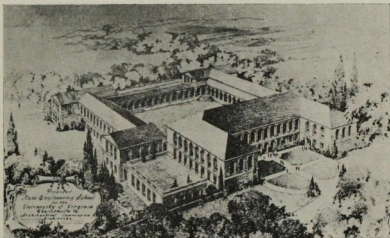


## *Important Changes at the University of Virginia*

Pi Chapter is justly proud of the achievements of Brothers John L. Newcomb and W. S. Rodman. Brother Newcomb has recently become President of the University and his position as Dean of Engineering has been taken by Brother Rodman. Due largely to the untiring efforts of these

cities, drafting rooms, a library and reading rooms, and other facilities which make the plant extremely complete.

In general the building will consist of three interconnected buildings forming a U-shaped structure, approximately 300 feet on a side, en-



men, there is at present under construction a fine new Engineering Building which will relieve the crowded conditions which have heretofore hampered instruction at Virginia.

The new building will fill a variety of needs, furnishing an auditorium with sound picture equipment, laboratories, offices, class rooms, lounge rooms, meeting rooms for student so-

closing a grass court about 150 feet square. The College of Engineering plans to occupy the building in September, 1935.

The value of this splendid plant to Pi Chapter and its members is obvious. THE GEAR congratulates Pi Chapter upon its good fortune and commends Brothers Newcomb and Rodman for their part in making the building a reality.

# *The GEAR of THETA TAU*

OFFICIAL PUBLICATION OF THE FRATERNITY

P. L. MERCER, Omicron '21 and J. W. HOWE, Omicron '24  
Editors

209 ENGINEERING HALL . . . . . IOWA CITY, IOWA

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NUMBER 2

## METAMORPHOSIS OF THE GEAR

The action of the Eleventh Convention giving the editors free reign for the coming biennium caused some degree of perplexity to the perpetrators of the "official organ." Whether they or *THE GEAR* were on "probation" was not at first entirely clear. And what horrible fate awaited them at the end of the time? Was *THE GEAR* to be abrogated or the editors banished in deep disgrace?

Mature deliberation and the soothing ministrations of time have removed our qualms to a considerable degree and we now believe the underlying motive was the desire of the active members of the fraternity for change. Such a desire is certainly timely and the natural attitude of young men. Conservatism sets in as responsibility and experience grow but, on the other hand, extreme conservatism savors of the well known rut. Accordingly the editors enter the biennium with open minds, willing to experiment to any degree consistent with the budget. Many things are possible when additional funds are available. Some things are possible without increased expenditure. The editors must confine their attention to the latter. Hence new features entailing additional expense must be

balanced by the curtailment or abandonment of old features.

In this issue the reader will, of course, notice the change in cover. The tentative policy of the editors is to give each issue a cover which distinguishes it from other issues. Inside, the reader will discover more than the usual number of pictures with the general features and fewer pictures with the obituaries. Again our tentative policy is to use the money formerly spent for obituary cuts for the illustration of other material. A reader familiar with *THE GEAR* will notice other changes or omissions.

These modifications are only some of those which have been suggested. Some believe that the size of the magazine should be made nine by twelve inches since it could not then be easily filed away in a book case unread. Others are convinced that the present size is the most convenient to read, and that if the content of the magazine is interesting it will not be prematurely filed either in a book case or the waste basket.

The editors therefore invite criticisms and suggestions from interested Theta Taus. It is our intention to publish in the original form as many letters as space allows so that we may



have a forum of fraternity opinion. Therefore, the gates are open. Boosters and Knockers enter on the same level. Oil up those horns and polish up the hammers. We want your ideas!

### GOOD LUCK, SENIORS!

Although this issue deals principally with the doings of the last convention the editors are not unmindful of the fact that in every chapter a goodly number of seniors will enter the alumni body this spring. To these men we wish to say a word of encouragement. Practically all industrial indexes point toward a return to normal conditions. Whether or not this trend is because of the NRA or in spite of it will long be argued. However,

there *is* a pick up in the demand for engineers. Companies which have not sent out personnel men for two or three years are doing so this year. There is no question but that conditions are better now than a year ago. May we give you a word of advice. Securing a job requires persistence. Keep your contacts alive with letters from time to time. Get personal interviews whenever possible. Do not take the first denials too much to heart. Go back again. If repeated calls are made—*actively*—your chances of securing a position are several times greater. So we wish you the best of luck—and don't forget to send us your address so THE GEAR can continue to serve you.

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### OMICRON MAN WINS NOBLE PRIZE

Max Stanley, Omicron '26, was notified some time ago that he had been awarded this year's \$500 Alfred Noble prize for the best engineering paper published by an author under thirty. The prize was awarded at the annual meeting of the American Society of Civil Engineers in New York on January 17, 1934. His prize winning paper was entitled "Study of Stilling Basin Design," published in the November, 1932 Proceedings, A. S. C. E.



Max Stanley

## Prominent Actives

BURR PASSENHEIM, Beta '34

Burr Passenheim is captain of the college military band. Also, he led the Michigan Tech debating squad through the most successful season in its six year history—yet he is respected

as a fellow who does things rather than talk about them.

As Regent of Beta, Pass has brought the chapter through a very constructive year.

He is also active in Blue Key, Tau Nu Tau, and Tau Beta Pi. He possesses a cool discriminating taste, which he exercised on the college bi-annual, the Keweenaw. Pass, in his last year, is serving for the second time on the Student Council.



BURR PASSENHEIM

DONALD GILLMOR, Omega '36

Now in his sophomore year, Donald

Gillmor is making a bid for great prominence on the S. Dak. Mines campus. During his Freshman year, he was outstanding in scholastic achievements and extra-curricular activities; and was this year awarded a two hundred fifty dollar



DONALD GILLMOR

scholarship prize by the Black Hills Chapter of the Women's Auxil-

iary of the American Institute of Mining and Metallurgical Engineers. Don is also prominent on the staff of the college newspaper.

PAUL BOREL, Zeta '34

Paul Borel was Cadet Major in command of the Engineer R. O. T. C. Battalion last semester. He was born in Zurich, Switzerland, and came to

the United States in 1918. His home is now in Kansas City, Missouri. He served as junior representative on the Engineering Council, and this year is president of the School of Engineering. He is a member of Sachem, Tau Beta Pi, Sigma Tau, Scabbard and Blade,



PAUL BOREL

Tau Nu Tau, Alpha Kappa Lambda, and Theta Tau fraternities. He is also a letter man on the Kansas track team.

Alpha Chapter was represented at the Convention by Brothers John Bush, '12, Frank Mooney, '23, Sam Hamilton, '28, Ray Englund, '30, Jim Finch, '30, Jim Dowd, '32, Cliff Anderson, '32, George Brimhall, '33, Lewis Schmitt, '33. Also attending from the active chapter were K. R. Johnson, Lee Paul, Roland Nygren, and Ward Thompson. The presence of the Grand Scribe brought the total to 14—a good representation.

## COVER DESIGNER

Following one of our conversations with Brother R. O. A. Petersen, Theta delegate to the convention, he volunteered to furnish the editors with a new cover design. Upon returning to New York, he enlisted the artistic talents of Brother Burleigh Boyd of Theta Chapter, who submitted several preliminary sketches of cover designs, and later made a final drawing of the sketch selected by the editors. Credit for the new design is hereby given to Brother Boyd and thanks expressed to both him and Brother Petersen for their interest in THE GEAR.



Burleigh Boyd

## DELTA CHAPTER TO AWARD PLAQUE TO MOST PROMISING SENIOR

"Most Promising Senior Engineer" is the title which the recipient of the new award established by Delta Chapter will receive. The award has been created for the purpose of marking in some fitting manner the outstanding engineering student of the graduating class of Case School of Applied Science, and also represents a memorial to the late Dr. Frank R. Van Horn, former faculty advisor of Delta Chapter.

Each year's winner will be selected by a committee of the faculty members and the winner's name will be added to a large mahogany wall plaque (as shown in the cut) and will be placed in the Administration building. For his personal possession, the winner will receive an individual plaque.

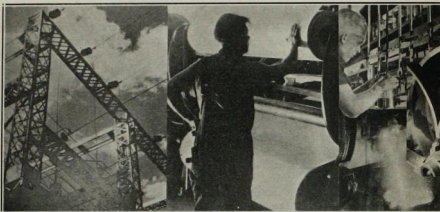
## GROWTH DURING LAST BIENNIUM

	1931	1933	Increase
Alpha	370	384	14
Beta	348	369	21
Gamma	389	432	43
Delta	321	350	29
Epsilon	343	372	29
Zeta	313	334	21
Theta	179	195	16
Iota	263	306	43
Kappa	392	425	33
Lambda	280	310	30
Mu	137	185	48
Nu	201	230	29
Omicron	179	191	12
Pi	121	146	25
Rho	152	177	25
Sigma	143	165	22
Tau	104	136	32
Upsilon	81	93	12
Phi	95	121	26
Chi	62	79	17
Psi	00	36	36
Omega	00	64	64
*Eta	301	301	00
*Xi	50	50	00
TOTAL	4820	5447	627

\*Charter suspended



N. J. RANNEY, President of Delta



## *Riding a Hobby to Successful Attainment*

As an undergraduate Gerald Young, Omicron '32, was an ardent photographer and did a good deal of photographic work while studying Commercial Engineering at Iowa. Since

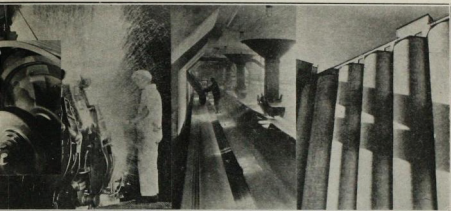
the demand for young engineers was at a low ebb in 1932, Brother Young attended the Clarence H. White School of Photography the next year. While in the East, he made a number of brilliant photographic studies of industrial subjects. One of these was used as a cover cut by "Mechanical Engineering."



Gerald Young

Returning to Iowa City in June, 1933, Brother Young formed a partnership with Carroll Phelps, Omicron '32, and specialized in industrial photography for clients in the larger Iowa cities. In February the new firm received an offer from Kempshall-Schreiner-Bennett, Inc., of Chicago, to handle the photographic end of its advertising business. This firm of artists does illustration, layout and design for a number of important Chicago advertising companies. Accordingly, the Young-Phelps Co. set up headquarters at 820 North Michigan Avenue. There they retain their identity and yet have an established demand for their product.

Although the boys may have to

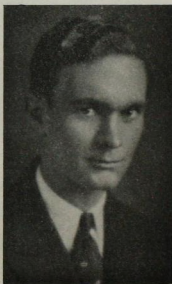


photograph a variety of subjects ranging from beautiful women to a jar of dill pickles, they are especially interested in industrial subjects, photo murals and color photography.

An example of the artistic work done by Brothers Young and Phelps is illustrated by their mural recently placed in the main hall of the engineering building at Iowa University, and reproduced on this page. This mural, which is 4 feet by 17½ feet, depicts the various branches of engineering: civil, electrical, industrial, chemical, mechanical and architectural. The original photographs came from the Quaker Oats plant in Cedar Rapids, the Cantine Paper Mill in New York, the Chevrolet plant at the World's Fair, the Franck Foundry at Davenport, and a sub-station at Waterloo, Iowa. This is one of the few photo murals in the United States, the idea being relatively new. Perhaps the best known murals of this type are those in New York at the N. B. C. studio and the Roxy theater.

Brother Young says of their work, "Carroll and I find it most fascinating and interesting work. We get to

meet and deal with so many people, work in such constantly changing and varied locations that every job is different and offers new problems to solve. The photographing of American industry and its workmen is especially thrilling."



Carroll Phelps

# Letters from the Chapters

## Alpha Entertains Erich Schrader



Alpha Chapter has twenty-one actives and seven pledges. The new actives are: Eugene L. Holston, Lawrence Rollin, Herbert A. Swift, and Oscar Y. Wehmanen.

Officers for the coming year are: B. Ward Thompson, Regent; Rol-

land Nygren, Vice-Regent; Eugene Holston,

In athletics, Alpha lost out in the basketball finals, but won the professional division volleyball championship, and lost in the all University finals.

In February, the Mother's club upheld the tradition started three years ago, and gave a banquet for the members and their dads.

Professor Dowdell, of the School of Mines, gave an interesting talk at one of our professional meetings.

We are represented by Roger Bossen in Tau



FRONT ROW—Barthelemy, Bossen, W. Johnson, Robbins, Martin

SECOND ROW—Rollin, Zehnder, Holston, Bohmbach, Wehmanen, Willard

THIRD ROW—Thompson, LeCount, Heng, Dynesius, Mitchell, Nygren, Nelson

BACK ROW—Swift, Paul, Anderson, Swanson, Robertson, Schuett

Scribe; Donald J. Heng, Treasurer; Oscar Wehmanen, Corresponding Secretary and Steward; Roy Dynesius, Marshal; Lawrence Rollin, Inner Guard; and Lee Paul, Outer Guard.

Brother Erich J. Schrader stopped over for a few days on his return from the convention, and was guest of honor at a banquet. Some fifty alumni and actives were present to hear Brother Schrader's talk about the convention.

Beta Pi and Phi Lambda Upsilon, and Lewis Martin in Tau Beta Pi and Chi Epsilon. Roger Bossen is Senior President of the Chemical Engineers and Lewis Martin is president of the A. S. C. E. and of the Engineering Student Council. We are also represented in the University Men's Junior and Senior Societies.

LEWIS F. MARTIN

March 15, 1934



## Outdoor Initiation at Beta



Rather than have a guest speaker head the program for every professional meeting, Beta has inaugurated the practice of having one or two of the members talk on their own personal experiences. The plan has worked out successfully this year.

Another innovation has been an attempt to enhance the impressiveness and beauty of the ritual. We plan an initiation this Spring at Sunset Rock, a secluded picturesque rock formation overlooking Lake Superior.

Beta's six new initiates are J. U. Allen, W. Grosh, C. C. Hascall, J. L. Reid, H. L. Ringle, and E. J. Korybalski; and our three pledges are P. L. Harrington, R. T. Ferguson, Jr., and N. R. Siewert.

Herb Keinath was recently elected House Treasurer for the year 1934-35.

Beta entered a float in the winter sports carnival. The House will also be represented

in the boxing tournament by Bill Lange and Lid Campbell.

A banquet in honor of the initiates will be given this spring and a drive is being made to have as many alumni present as possible.

L. S. CAMPBELL

March 14, 1934



Beta Chapter House

## Intelligent Donkey Causes Gamma's Downfall



The annual St. Patrick's Day Dance given by Gamma Chapter is to be held on March 17 and promises to be one of the high spots of the Spring season.

The Theta Taus lost the annual polo game to the Sig Gam's on Homecoming Day, by the score of 3-2. The Sig Gam's victory was due to the grace of God

and the only intelligent donkey on the field.

The following men were initiated on December 15: P. W. Smith, C. N. Bellm, T. P. Turchan, J. B. Kennedy, C. D. Sands, Caspar Hoffman, III, E. H. Jefferies, F. P. Lebar, Kenneth True, and J. Colasanti.

On March 12, the following men were pledged: Norman Foskett, Carl L. Morris, G. H. Adams, Robert Olund, J. M. Pardee, and H. L. Beckman.

T. P. TURCHAN

March 14, 1934

## Delta Holding Bi-weekly Dinner Meetings



Officers for the next year are: Regent, W. G. Seck; Vice-Regent, Robert Moeller; Scribe, K. F. Sibila; Corresponding Secretary, R. G. Chapman; Treasurer, R. A. Tabor-sky; Marshal, F. W. Cowdrey; Inner Guard, J. O. Geissbuhler; Outer

Guard, R. O. Hartman.

Every other Friday the chapter holds a

dinner meeting at the Case Club where the brothers have a chance to converse informally on matters not discussed at the regular business meetings.

Bob Geltz and Johnny Geissbuhler have been initiated into Tau Beta Pi.

The swimming team is managed by Bob Geltz; Frank Cowdrey, Jim Crall, and John Geissbuhler are on the team. Crall is the state champion diver.

Members of the track team are Werner Seck, John Donnell, and Ken Sibila, manager.

Jim McCullough is manager of the musical clubs.

R. O. Hartman is intramural manager and Al Sibila is president of the Aero Club.

Elliot Hannon is chairman of the A. S. M. E.

R. G. CHAPMAN

March 12, 1934

## *Epsilon Entertains Erich Schrader*



Epsilon Chapter has thirty actives. Among the alumni and honorary members are ten faculty members.

Last week the following men were initiated: Vernon A. Isaacs, Fred-eric R. Kelley, Charles A. Lindsay, Roscoe M.

Smith, Galen H. Sturgen, Francis E. Turner, and Jack van Wyke. At the banquet, which

appreciated more than ever when one becomes an alumnus.

Brothers Dion L. Gardner and John Hazard have returned from a trip through Mexico and the Southwestern states.

Brothers K. O. Houston and Leo Oliver left on March 26 for Houston, where they will enter the services of the Texas Oil Co.

The officers are as follows: Regent, Cordell Durrell; Vice-Regent, Wm. A. Smith; Scribe, John Domercq; and Treasurer, Wm. H. Suydam.



FRONT ROW—C. Durrell, J. Domercq, Jr., C. A. Lindsay, N. S. McKenna, A. E. McLaughlin, G. R. Bell, W. H. Suydam, D. D. Corey, S. P. Welles  
MIDDLE ROW—J. van Wyke, V. A. Isaacs, C. Fox, J. T. Gregory, H. R. Thornburg, J. E. Allen, R. R. Coats, E. A. Hersam, W. A. Smith, F. R. Kelley  
BACK ROW—F. H. Frederick, H. Williams, F. H. Probert, R. W. Chaney, G. H. Sturgen, G. O. Scarfe, Jr., R. M. Smith, F. E. Turner, C. A. Anderson

followed, many alumni and faculty members as well as a member of Beta Chapter, Brother Picard, were present.

The regular meetings have been exceedingly well handled by our Regent. Dean Probert, the main speaker at our Open House dinner, gave an interesting talk on mining as used in military warfare.

Earlier in the semester we were honored by having Grand Scribe Schrader at one of our meetings. He pointed out that the real value of being a member of Theta Tau is

Extra curricular activities—Kelley is in crew, van Wyke in track, Hays in polo, and Scarfe in boxing and wrestling. Brothers Scarfe and Smith played on the College of Mining soccer team which won the All University Championship.

Honors—In Phi Beta Kappa, J. E. Allen, R. R. Coats. In Sigma Xi, J. E. Allen, R. R. Coats, Cordell Durrell, F. E. Turner. In Tau Beta Pi, R. R. Coats, A. E. McLaughlin.

JOHN DOMERCQ, JR.

March 26, 1934



## Variety of Attainment at Zeta

LAWRENCE  
KANSAS

With the initiation of five men on March 4, Zeta has twenty-five actives and twelve pledges. The new initiates are: William Carter, Edgar Stout, George Shaad, Howard Miller, and Robert Williams.

The Spring election resulted in the following officers: Ralph Wilson, Regent; Franklin White, Vice-Regent; Lewis Benz, Scribe; William Carter, Corresponding Secretary; and Carl Kindsvater, Treasurer.

Activities—Borel is president, Spahr is vice-

president, and Kindsvater is sec.-treas. of the Engineering School. We have Wyatt, McKim, Bruzelius on the Council. Bruzelius is chairman, Benz is secretary of A. S. M. E., and Hands and McKim hold corresponding positions in A. S. C. E. Oliphant is president of Tau Beta Pi. Glenn Hands is vice-president of Sigma Tau.

In basketball and wrestling, we rank right up at the top. Heter is high point man on the K. U. swimming team, and Borel is still competing on the track team.

CARL KINDSVATER

March 6, 1934



FRONT ROW—Bruzelius, Banks, Kindsvater, Lamms, Miller, Russel, Elliot, McCarty, E. Heter, Benz

SECOND ROW—Stout, Woodson, Prof. Warner, Prof. Hay, Ott, Lt. Coe, Wilson, Smith-meyer, M. Heter

THIRD ROW—D. Main, Wyatt, Dwyer, McKim, Smith, Hands, Stark, Cole

BACK ROW—Dickie, Williams, Shaad, Borel, White, Spahr, Hardeman, Carter

## Theta Man Wagers With Grand Regent



Theta Chapter is in the midst of the Spring rushing season and we hope to pledge about seven men.

Last semester we initiated John Bose, Adolph Fischer, Herman Heppenheimer, William Shaugnessy, and Mariano Sinacon.

Brother Lyman of Lambda Chapter has been coming to our Friday luncheons. He gave us an interesting talk on what an embryo engineer may have to do when he makes his debut into the business world.

Activities—Brothers Petersen and Weir are Chairman and Treasurer of the Student Coun-

cil. Brother Raun and Pegram are officers in the Senior Society of Dumbbells. Brother Weir is president of Tau Beta Pi. We also have five members in Sigma Xi, and three on the Engineering School basketball team. Brother Petersen is Circulation Manager of the Engineers' Year Book.

Personal Activities—Brother Petersen has been specializing in the manufacture of soft soap. His fame spread to such an extent, that the Proctor and Gamble Co. invited him to their plant in Cincinnati to discuss a position with them.

Brothers Riconda and Heppenheimer, ace claw-diggers, have pursued the elusive bivalves until the City Island and Throgg's Neck clam population has entirely disappeared.

Brother Bose has developed the art of selling almost anything, and is now considering insurance and farm products.

Theta is planning an alumni banquet, to occur before April, so that Brother Petersen may be able to collect his bet with Brother

Coffman that 30 alumni could meet twice a year in New York for a banquet. Incidentally, we intend to have a good time.

F. MORLEY WEIR

March 14, 1934

## Large Quantity of Midnight Oil Used at Iota



Iota has fourteen actives and five pledges. The pledges are H. D. Dallmeyer, A. P. Koopman, J. J. Murphy, F. A. Schwab, and L. H. Marshal.

Our officers are: Regent, W. J. Irwin; Vice-Regent, N. J. Gilsdorf; Scribe, W. W. Westerfeld; and Treasurer, E. L. McReynolds. Brother T. G. Lafollette who served as Vice-Regent last semester was unable to return to school.

Iota is extremely active in all organizations

about the campus. Scholastically we rank third on the campus, the two having better averages are honor societies. We have seven members in Tau Beta Pi and three in Phi Kappa Phi.

The chapter has been operating under many handicaps this year. The faculty investigation, involving all organizations on the campus, delayed the starting of activities. Also, the first half of the year we lacked a faculty advisor as Brother A. M. Gow was unable to return this year. Brother R. Z. Williams is to continue this work.

E. C. KOZENY

March 4, 1934

## Lambda Has Strong Professional Program



Lambda Chapter has twenty-eight members, two of whom, Brothers Blaine Watts and Harold Greene, were initiated March 4th.

Brother K. T. Atwell with his new bride, formerly Miss Maureen Mullin, left us for a brief sojourn in California during the latter term.

We all join in wishing them every success and happiness.

Tuesday luncheons, instigated by Regent Kennard, have been delightful get-togethers for the fellows this year. Brothers Dean Ketchum and Professor Beckstrand have been speakers at these occasions.

Editorials read by various members, motion pictures obtained at the U. S. Bureau of Mines, and lectures by such members as Dr. H. T. Plumb, L. C. Karrick, and E. Snyder,



FRONT ROW—Max J. Kennard, Don Newsome, S. C. Jacobsen, Joe Miller, Kenneth Abplanalp, R. B. Bergh, Geo. W. Carter, Heber Peterson, Frank Lathrop  
BACK ROW—A. L. Ahlf, K. T. Atwell, Bernard Greulich, Charles Hinze, Harold Greene, Roy Walker, Maurice McGrath, John Kasteler, Louis Reese.  
(Note: Ten members were absent when the picture was taken.)

have all contributed to make our meetings interesting this year.

An informal dance was a feature of last quarter and we have plans for a spring formal dinner dance in May.

The Annual Engineers' Roundup will be in progress next week with Regent Kennard as General Chairman. Brother Watts is vice-president of the A. S. U. U. and president of

the Engineering Society; Brother Kennard is vice-president of the Engineering Society; J. I. Kasteler, athletic manager; and S. C. Jacobsen, treasurer. Ten of our men have been elected into Tau Beta Pi and four into Phi Kappa Phi.

ROSS B. BERGH

March 21, 1934

## *Mu to Award Plaque at St. Pat's Celebration*



The new officers of Mu Chapter are as follows: Regent, Maurice Finney; Vice-Regent, Richard Nolde; Secretary, Donald Merillat; and Treasurer, Carl Bragunier. At present, we have twenty-six active and twelve pledges.

The second semester smoker was held on Monday evening, March 5. The principal speaker was Dr. Lloyd, of the School of Chemistry, who talked on engineering possibilities in Canada.

On March 19, the Engineering School will hold its St. Pat's Day celebration, consisting

of an inspection of the Engineering Building in the morning, a dance in the afternoon, followed by a banquet and formal dance that night. Brother Walter Smith is chairman of the committee. Mu Chapter will make its award at the banquet to the outstanding member of the senior class of the Engineering School.

The Chapter activities list includes six members in Tau Beta Pi, two in Scabbard and Blade, eight in Chi Beta Phi, six in Phi Eta Sigma, as well as members in the varsity fencing team, the varsity rifle team, and Pershing Rifles.

BYRON A. BELL

March 14, 1934

## *Nu Hears Prominent Speakers*



Nu Chapter started this semester with twenty-eight active. The following nine have been initiated: D. L. Ashbaugh, C. E. Crede, R. G. Crumley, R. E. Dorrell, F. T. Lowrey, V. D. Luedeke, R. D. Moyer, W. H. Stafford, and T. W. Ungashick; and C. E. McConnell has been pledged.

The new officers are as follows: R. P. Hanna, Regent; W. J. Brown, Vice-Regent; R. B. Roberts, Scribe; C. E. Crede, Corresponding Secretary; and Professor J. M. Daniels, Treasurer.

An open meeting was held in November,

consisting of motion pictures and discussions. The feature of the evening was a talk by Dr. Berl, noted German scientist, who recently joined the faculty of Carnegie Tech. The speaker at our January meeting was brother R. L. Templin, Zeta '15, Chief Research Engineer for the Aluminum Company of America.

An All-Engineering Dance was sponsored by our chapter together with Tau Beta Pi, Pi Tau Sigma, and Eta Kappa Nu. It is planned to hold this affair every year on the eve of Washington's birthday.

Nu Chapter continues its campus activities and Brother Dana is on the Carnegie hockey team.

ROBERT B. ROBERTS

March 14, 1934



### NU CHAPTER

FRONT ROW—Roy Grant, T. W. Danz, Jr., H. T. Harrod, J. M. Harvey, H. C. Westia, C. D. Burton, R. P. Hanna, W. H. Stafford, W. J. Brown  
 MIDDLE ROW—C. E. Crede, F. T. Lowrey, V. D. Luedcke, H. A. Thomas, J. W. Herron, R. D. Moyer, J. W. Barker.  
 BACK ROW—M. F. Davis, B. N. Netzer, E. R. Cole, R. B. Roberts, R. E. Dorrell, T. W. Ungashick, R. G. Crumley, D. L. Ashbaugh

## Omicron Supports Mecca Celebration



On March 11, Neil J. Stiver, Carl May, and Sidwell Smith were initiated.

Starting March 16, the Engineering College fires the opening gun for Mecca Week, the celebration in honor of St. Patrick, bringing with it the usual headaches for the professors of Engineering English, and the burly engineers flitting around the stage footlights in chorus girl's garb. Omicron has representatives upon every committee in this undertaking.

The "Transit," the Engineering Magazine, was largely run by Omicron men this year, with Brother Wm. Jones at the helm as General Manager and Phillip McClintock as Associate Editor. They were aided by Olney Perry, Sidwell Smith, and Gilbert Broders.

Our new officers are as follows: Regent, John Pritchett; Vice-Regent, Olney Perry; and Scribe, Francis D. Cooke.

Brothers Vestermark and Noble returned from the Convention with enthusiastic reports, and they regret that more members of Omicron were not present. They enjoyed telling of the delegates from the South who seemed to think that their Southern sun tan was protection from the "20 below" Chicago weather that greeted them. They also enjoyed telling of the taxi ride two brothers enjoyed. Three eighty-five, I believe they said. How should they know that the girls lived at Hotel Sherman? However, Brothers Vestermark and Noble haven't said much about the laugh that others may have had while they were learning Chicago after midnight.

W. W. SHEROD

March 14, 1934

## A Different Use for Erasers at Pi



Pi Chapter has initiated sixteen men this year and has two pledges at present.

Sport Activities—The Interfraternity Basketball Tournament was entered with great enthusiasm. Captained by 6.33 ft. of Jack Doswell, the team

won six out of seven games only to be eliminated in the final play-off for championship of our section. Alpha Chi Sigma, our arch-rivals, succumbed to our log-log duplex tactics, so our loss was consolated.

A baseball team has been organized and entered in the Spring tournament. Since we have been practicing all winter indoors with

yard-sticks and erasers, we feel confident of victory this Spring.

The Varsity Cross-country Team will suffer the loss of "Kit" Carson this Spring by virtue of his graduation.

Honors—J. L. Newcomb was elected President of the University of Virginia by the Board of Visitors, and W. S. Rodman was appointed Dean of the Engineering Department

at the University of Virginia. Six brothers have been elected to Tau Beta Pi, three into Raven Society, and two into Sigma Xi.

Social Activity—In conjunction with Trigon Society, Pi Chapter sponsored the annual Engineering dance on February 23. While many alumni were present, we would like to have still more next year.

March 11, 1934

## New Radio Cheers Sigma Boys



Sigma has four pledges—John Boylan, John Ksepko, Richard Aue, Alban Posch.

New officers—Arden R. Hacker, Regent; Russell Morrison, Steward; Lyman Reuwee, Treasurer; Charles Smith, Corresponding Secretary.

Our new Philco radio has proved valuable in sponsoring dances.

Outstanding talks at our dinner meetings

were by Mr. R. N. Wade, former State Highway Director, and Lt. Colonel French.

Honors—George Dumbauld, Fred Wagner, Charles Griffith in Tau Beta Pi.

Sports—Brothers Griffith, Wagner, and Landahl bowled on the Industrial Engineering team which won the college championship.

Alumni are invited to attend our Spring Formal, May 12, at the Brookside Country Club.

JAMES H. McFEE

March 15, 1934



FRONT ROW—J. Bowen, W. Fischer, J. Robinson, D. Wolford, C. Hay, F. Wagner, C. Griffith

MIDDLE ROW—L. Reuwee, G. Dumbauld, M. Jensen, G. Weiland

BACK ROW—A. Morrison, A. Hicker, R. Mikesell, L. Knappe, H. Wideman

## Tau Men Strong on Banquets



Tau Chapter with thirteen actives began the work for 1934, and soon pledged five engineers. On January 19, Harold Crampton, Frank Salmon, Walter Carle, Edwin Joslyn and Beverly Burrell were formally initiated.

The new officers are as follows: Parry Owens, Regent; Beverly Burrell, Vice-Regent;

Edwin Joslyn, Scribe; and Jack Leland, Treasurer.

Tau Chapter is sponsoring the annual banquet of the College of Applied Science of Syracuse University to be held on March 21. This will be the thirty-third annual "Engineers' Banquet." Brother Jerry is chairman of the banquet.

The chapter will hold the annual Theta Tau banquet and also the Spring dance during the first part of May.

EDWIN C. JOSLYN

March 12, 1934

## Upsilon Prominent in St. Patrick Celebration



New initiates of Upsilon chapter are as follows: Robert R. Chase, Burton Lewis, William H. Mapes, Randall W. Steward, Burchard Frank Beckman, and Albert L. Cochran. Our two pledges are George Sansbury and John Fako.

The following officers have been elected: Regent, Wayne C. Moody; Vice-Regent, George G. Farris; Scribe, T. Burton Lewis; Treasurer, Robert R. Chase; Corresponding Secretary, B. Frank Beckman.

In February, Upsilon held a dinner and dance in conjunction with Alpha Kappa Psi. Twenty-four couples were present.

The University of Arkansas celebrates St. Patrick's birthday with a full day's exhibit of engineering machines and apparatus, a convocation at which the Senior Engineering stu-

dents are knighted, and a ball that night. This year Upsilon's candidates in the general election for St. Patrick and his Queen were elected. Brother Charles R. Black was elected St. Patrick and Miss Mary Herget was selected as Queen. This is the fifth consecutive year



C. R. Black



R. P. Herget



FRONT ROW—Chase, Moody, Black, Herget  
MIDDLE ROW—Cope, Mapes, Farris, Sansbury, Cochran  
BACK ROW—Beckman, Steward, Wagstaff

that a Theta Tau has been selected as St. Patrick here. Upsilon will also publish a guide for visitors and erect an information booth.

Brother R. P. Herget has made a remarkable record. He is Treasurer of Tau Beta Pi, President of the General Engineering Society (governing body for all engineers), and was selected as this year's "Outstanding Engineer" and awarded the Theta Tau plaque.

The pledges of the chapter, as pre-initiation work, made a walnut gear for a bulletin board to announce meetings.

WAYNE MOODY

March 13, 1934



## Phi Occupies New Chapter House



The total membership of Phi Chapter is seventeen actives and three pledges.

On November 14, the annual Homecoming program was well attended by the alumni. Professor Springer of the Civil Engineering School gave an interesting talk at the second of a series of guest dinners and professional meetings. About forty members and guests attended the dinner and meeting. We climaxed the first semester with a dinner dance. We started the second semester by giving a dinner in honor of our members on the Purdue faculty.

Brother A. W. Rankine and Brother V. Wann were initiated into the Purdue Chapter of Tau Beta Pi (both had previously been elected to their respective school honoraries). Brothers V. Wann, C. J. Anderwald, S. J. Seitsma, G. B. Roberts, and L. D. Parsons form a group of high ranking cadet officers in the Purdue R. O. T. C. Phi Chapter is

also represented by a strong volley ball team in the inter-fraternity league.

Our new address is 416 North Main Street, West Lafayette, Indiana. We all feel that quite an improvement has been made by this change in location.

DON C. HORSMAN

March 13, 1934



Phi Chapter House

## Scorched Calf Demolished by Chi



Chi Chapter has taken the lead in developing plans for "Engineer's Day," on March 17. Along with the celebrations, there is going to be a Bar-B-Que for the Engineers out on good old Arizona desert, where faculty, upper classmen,

and freshmen will battle with ball and bat, and horseshoes while waiting for the royal scorching of the fatted calf. Then, there is to be the big Engineer's dance in the evening. Also, Chi, under the editorship of Brother Bob Bacon, is going to put out a real Engineer's edition of the school paper.

On December 17, the following men were initiated: Clinton Ring, Frank Keller, Bill Adair, William Crozer, and Dick Orthik.



FRONT ROW—Ralph Knowles, Larry Kelly, Clinton Ring, Bill Adair, Frank Keller, Wm. Crozer, George Ponsford, Dick Orthik  
MIDDLE ROW—H. A. Jimmerson, Harland Lane, George Paul, John McNary, Bob Bacon, Frank Lamb, Eino Jacobson, G. M. Butler, Jr.  
BACK ROW—O. H. Polk, E. S. Borgquist, M. L. Thornburg, Collin Powell, Harry Marcomb, Ken Cloud, George Houston

At one of our meetings, Dr. E. P. Mathewson talked to us about his hobby of collecting knives from all parts of the world and finding out their uses.

In February, Brothers Borgquist and Jimmerson of the faculty entertained the chapter at a stag bridge party and a grand time was had by all.

Tau Beta Pi men are President Larry Kelly, Bob Bacon, Ken Cloud, George Paul, Harry Marcomb, Collin Powell, and Frank Lamb.

Newly elected officers are Regent, Collin Powell; Vice-Regent, George Houston; Treasurer, Frank Keller; Scribe, William Crozer; and Secretary, Clinton Ring.

Last month a committee from Chi Chapter visited the Texas School of Mines at El Paso

at the invitation of an organization there. Our fellows enjoyed the trip and were glad to make the acquaintance of our neighbors.

CLINTON RING

March 6, 1934



Clinton Ring, Sec., George Houston, Vice-Regent; Collin Powell, Regent; Frank Keller, Treas.; Wm. Crozer, Scribe

## Psi to Move Into School Dormitory



This, the second year of its existence, finds Psi Chapter enjoying a very successful year. On December 20, the following men were initiated: Jay King, George McCracken, Ray Murphy, Davidson

Piper, Melvin Williams.

A committee has recently been appointed to make arrangements for a spring party to be held some time in April.

Arrangements have been completed for the erection of a dormitory on the Montana School of Mines campus. Psi Chapter plans to rent one wing of the building as a chapter house.

Psi Chapter is elated at the excellent record made by its members on the first semester Honor Roll. Clarence Wendell is well toward the top, and has earned the further distinction of having made one of the finest four-year scholastic records in recent years at the "Mines." Other brothers on the Honor Roll are Ettore Peretti and William P. Given. Psi Chapter gained second place on the Honor

Roll for organizations. The Glee Club, directed by our regent, William P. Given, and composed largely of Psi men, was first.

Psi Chapter now has twenty-two active members and a chapter roll of forty-one members.

ARTHUR J. BOVEE

March 12, 1934



FRONT ROW—MacEwan, Bovee, Given, Peretti, Jones

SECOND ROW—Howe, DeBarth, Dietrich, Sullivan, McAuliffe

THIRD ROW—Williams, King, Hamilton, Bonner

BACK ROW—Bloom, Wendell, Piper, Woody

## A Good Crop of Athletes at Omega



Omega Chapter has been enlarged to sixteen actives and seventeen pledges under the guidance of Regent James Forchtner.

As our delegate, Regent James Forchtner at-

tended the convention at Chicago and reported a fine time. Richard Doolittle, Vice-Regent, attended as our alternate.

Athletics—Captain Noel Gagstetter of the football team was placed on the all-conference team for the third consecutive year. Brother Schipke has been elected captain of the football squad for the 1934 season. Brothers Buus,





Retiring Regent, James Forchtner, Omega's delegate to the National Convention, with Bernard Buus, newly elected Regent.

Schipke, Forchtner, and pledge Richardson have played regular berths on the basketball team. We have been well represented in intramural sports and will be represented in track.

In Sigma Tau, we have seven members; and are also represented on the publication staffs, in class offices, and on the Student Council.

The following officers were elected for next year: Bernard Buus, Regent; Richard Grow,

Vice-Regent; John H. Schipke, Scribe; Raymond Versaw, Treasurer; Ralph Shane, Corresponding Secretary; J. C. Spencer, Marshal; Donald Gillmor, Inner Guard; Bertram Mulcahy, Outer Guard; and Richard Doolittle, House Manager.

RALPH M. SHANE

March 12, 1934



OMEGA PLEDGES

BACK ROW—McElwain, Lind, Swearingen, Richardson, Trantina, Muckler, Gremmels  
FRONT ROW—Burlson, Skog, Allen, Turner, Folds, Duba

## Intermountain Alumni Elect Officers

The annual business meeting of the Intermountain Alumni Association was held February 3, 1934, and the following officers were elected: Newell Kuhre, President; Mervin Hogan, Vice-President; Alton H. Sorensen, Secretary and Treasurer, with Ed Snyder and George Carter on the Executive Committee.

Interesting and instructive meetings are being held, and with renewed business activity will come renewed heights to which the membership of Theta Tau may attain.

A. H. SORENSEN

March 10, 1934

## Southwestern A. A. Has Father and Son

The employment situation among the members of the Southwestern Alumni Association has shown considerable improvement during the past few months. The beginning of several projects financed by the Public Works Administration makes the outlook brighter for the engineers in the Southwest.

William F. Norton has been appointed a Junior Engineer in the Topographic Branch of the U. S. Geological Survey, and is stationed at Pine, Arizona.

Leo Lane and Lawrence Booher are in the employ of the U. S. Geological Survey, and are taking part in the construction for new stream gaging stations along the Colorado River.

Harold A. Jimmerson, Assistant Professor in the Mechanic Arts Department at the University of Arizona, recently made a trip to El Paso with officers of Chi Chapter to inspect a local fraternity of the Texas School of Mines that has petitioned for a charter in Theta Tau.

The Southwestern Alumni Association believes that it is the first association of Theta Tau alumni with the distinction of having a father and son in its membership; E. D. Gardner, Lambda '06, and G. D. Gardner, Chi '32.

W. A. STEENBERGEN

March 11, 1934

# Alumni News

## ALPHA

- MILO P. FOX, '10, Maj. U. S. A., is at 2848 Munitions Bldg., Washington, D. C., and lives at 1907 S Street N. W., Washington, D. C.
- FRED A. DAVIES, '16, has been appointed resident manager of Bahrein Petroleum Co., Ltd., Standard Oil Co. of Calif. subsidiary, Bahrein, Persian Gulf, via Bagdad.
- MILTON S. WUNDERLICK, '19, is in the Engr. Dept. of the Insulite Co. of Minneapolis.
- ARTHUR KROLL, '25, and DON ALDERSON, '29, are working on a P. W. A. project at Hokah, Minnesota.
- GEORGE MORK, '26, who has been with the Bucyrus Erie Co. of South Milwaukee, recently received a fine promotion. He was put in charge of a new department in the plant, and his new title is Engineer in Charge of Dipper and Bucket Division. He will be in charge of all engineering and design and will spend considerable time traveling in all parts of the country.
- EARL SPOKELY, '28, is located at MacIntosh, Minn., as instrument man on a C. W. A. airport project.
- DON FELTHOUSE, '29, has a supervisory position with a manufacturing concern in Seattle, Wash. He has been on the West Coast since graduation.
- WINFRED HINDERMAN, '29, also took the fatal step on December 27, 1933. The bride was Miss Joyce Peterson of St. Paul. Brother F. J. Biltz, '31, attended Brother Hindermann as one of the ushers.
- WM. THOMPSON, '30, is located in Denver, Colo., in a Power Sales Position with the Public Service Corp. of Colo. His address is 1370 Dexter Ave., Denver, Colo.
- ROY GROVER, '31, MARVIN SEDAM, '33, HARLUF PETERSON, '33, have been working all winter with the U. S. Coast and Geodetic and State Survey.
- ROBERT RAMSDELL, '31, has been transferred to New Ulm, Minn. He is assisting the Project Engr. there on State Highway work.
- JOHN DANCHESTER, '33, who is with the Shell Petroleum Co. at Kilgore, Texas, was married on January 2, 1934, to Miss Bernetta Perron of Minneapolis, Minn.
- ALLAN A. HUTCHINGS, '33, has been attending the Wharton School of Finance at the Univ. of Pa., Philadelphia, Pa.

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## BETA

Cutting loose on a proverbial seventh inning rally Beta is driving back into its old stride of putting its men in jobs. Merrill Baker '32" started the fireworks by landing himself a position with the Cerro de Pasce in Peru. Bake was back for a last look at the House and the old stamping grounds before sailing for South America on March 24. Hank Zwart

and Slim Blanchard, two of the old guard are working with the U. S. C. G. party running in control surveys in the Upper Peninsula of Michigan.

R. A. CASE, '12, is with the Manning Gold Mines Co. at Fairfield, Utah.

CURTIS F. BURT, '13, has changed his address to 728 San Francisco St., Pomona, Calif.

RALPH R. WIGGINS, '14, is with Lago Petroleum Co., Maracaibo, Venezuela, S. A.

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### GAMMA

T. J. BENJOVSKY, '09, is Supt. for the Summitville Gold Mines Inc., Del Norte, Colo.

HAROLD E. MUNN, '17, is with the Engineering Service, 1248 South Hope St., Los Angeles, Cal.

LT. LOUIS PRENTISS, '21, is at the Presidio Mine and lives at Quarters 33-B, Fort Winfield Scott, Calif.

RUPERT B. LOWE, '22, is Asst. Dir. of Manufacturing, Bakelite Corporation, Bound Brook, N. J. He lives at 411 Tuttle Parkway, Westfield, N. J.

EUGENE O. BINYON, '23, lives at 6921 N. E. Morris St., Portland, Oregon.

ARNOLD BUNTE, '26, District Engr. for the Shell Petroleum Corp., has his headquarters at Greenwich, Kans.

WARREN T. GRAHAM, Ex. '26, is Mine Supt. for the Baguio Gold Mine, Baguio, Philippine Islands.

GAYLORD WEAVER, '26, is engineer for Platt-Rogers at Twin Lakes, Colo.

EUGENE F. GALLAGHER, '28, is with the Standard Mining & Milling Co., Atlantic City, Wyoming.

HAROLD EADS, Ex. '30, was married to Miss Marie Larson in Greeley, Colorado, on February 19, 1934.

DONALD D. FALLER, '30, was married on December 23, 1933, to Miss Kathryn Wiley of Higginsville, Mo. He is with the Peoples Gas Light & Coke Co., and lives at Edgewater Apts., 5737 Kenmore Ave., Chicago, Ill.

CHAS. E. SMITH, '30, was married to Miss Marian Alice Wilson of Denver, Colorado, on February 14, 1934. He is with the Ethyl Gasoline Co. in Cheyenne, Wyoming.

CHARLES BONNET, '31, is now with the American Cyanamid Co. in New York City.

JACK COOLBAUGH, '31, is metallurgist for the Mines Service Co., 2301 15th St., Denver, Colo.

SHERMAN W. JOHNSON, '32, is with Bristol Silver Mines Co., Pioche, Nevada.

ROBT. STEWART, '32, was married on Nov. 18, 1933, to Miss Ruth Welty of Bartlesville, Okla.

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### EPSILON

ROBERT W. PACK, '08, has been elected a Director of the General Crude Oil Co. He is in charge of the Sun Oil Co. Gulf Coast operations

with headquarters at Beaumont, Texas.

MERWIN G. EDWARDS, '12, geologist for the Shell Oil Co., has returned

to the Los Angeles office after visiting the oil fields in Rumania and the headquarters of the company at The Hague.

VICTOR ELERY BRAMMING, '22, is with the Bulolo Gold Dredging Co., Bulolo, New Guiana.

D. C. SHARPSTONE, '24, is at the Freeman Hotel, Auburn, Cal.

ALAN PROBERT, '25, is now Supt. of the new lead refinery of the U. S. Smelting, Refining & Mining Co., Midvale, Utah.

JOS D. CERKEL, JR., '27, who is with the U. S. G. S. has been transferred

from Salt Lake City to Taft, California.

ANDRE M. TWEEDT, '28, gives his permanent address at 16 Nace St., Piedmont, Calif.

ROBT. E. TURNER, '29, is with the Shell Oil Co. at Bakersfield, Calif.

ALBERT A. FITCH, '32, is with the Gold Coast Selection Trust Ltd., Box 55, Dunkwa, Gold Coast Colony, Africa.

PHILIP ANDREWS, '33, is with the Venezuela Gulf Oil Co., Apartado 35, Ciudad Bolivar, Venezuela.

## ZETA

We have lots of news from the Alumni. Gene Manning reports that he is hanging out at 1005 S. Sixth St., Apt. 18, Champaign, Ill. Other new addresses are Francis Slichter, 3632 Wyandotte, Kansas City, Mo.; H. R. Hilkey, 256 S. Maple, Oakhill, Ill.; J. J. Jakosky, 1518 S. Canfield Ave., Los Angeles, Calif.; Charlie Clutz, 430 S. Water, Wichita, Kans.; Don Bonjour, 210 North 8th St., St. Joseph, Mo. Clarence Harris is in

Lawrence now, working for Kansas Electric Union Power.

We had a nice letter from Russ Hanson recently. He says he is still hanging out in Flint, Michigan. Alex Kennedy announces a baby girl, and Ted Thee is a proud papa. Clair Wood was married to Mary Bennett recently and Tip King was through town with his new bride, Lola Banta. Frank T. Quinn also announces the birth of a daughter.

## ETA

PHILIP N. CRISTAL, '17, is living at 2510 E. Lake Bluff Drive, Shorewood, Milwaukee, Wis. He is with the Northwestern Mutual Life Ins. Co.

GEO. KITTREDGE, '17, is working on a four million dollar contract eliminating grade crossings in Syracuse.

ARTHUR M. MILLER, '17, has joined the Staff of the Director of the Tennessee Valley Authority.

ROBT. PATTERSON, '20, is Treasurer of Prescott, Grover & Co., 90 Broad St., New York City.

JOE NOWELL, JR., '23, has moved to Chestnut Hill, Mass.

JOHN DRISCO, '27, is with the U. S. Reclamation Service in Denver, Colo.

FRANKLIN T. KURT, '27, lives at 105 Hyde St., New Haven, Conn.

DONALD H. SPITZLI, '27, lives at 732 Elm St., Arlington, Mass.

FRED RILEY, JR., '28, is living in Lowell, Mass.

ADAM STRICKER, JR., '29, is with the Public Relations Section of the

Gen. Motors Corp. in Detroit, handling relations with the Technical and Scientific press.

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## THETA

JAMES S. MILLER, '14, Director of Research for the Lehigh Navigation Coal Co., has been appointed Alliance Dist. Supt. with headquarters at Kaska, Pa.

FORREST GRANT, '31, is with the Brooklyn Union Gas Co.

CHAS. MASON, '32, recently became a member of the electrical engineering department at Columbia University and is active in Theta Chapter.

RICHARD LUDEMAN, '33, is working for the U. S. Coast Geodetic Survey.

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## IOTA

HARRY PENCE, '23, has joined the U. S. Engrs. as an inspector on river work at Washington, Mo.

JOSEPH WORLEY, '23, is in charge of the Research Dept. of the Emerson Electric Co. of St. Louis, Mo. He received a Certificate of Award for his work in the development of a dynamotor for use in operating an automobile radio.

JOHN T. STURM, '31, recently married Miss Frances Powell of St. James, Mo. He is employed with the Upper Miss. River Division of Army Engineers.

ED. O. CRAWFORD, '32, married Miss Ruth Cloud of Decatur, Ill. He is employed with the St. Louis, Mo. District of the U. S. Engrs.

L. H. DEWALD, '33, is with the Goldsmith Refiners and Fabricators of Precious Metals at Chicago. His address is 1710 Sedgewick St., Chicago, Ill.

R. W. RICHMOND, '33, is with the Braden Copper Co., Sewall, Chile. He can be addressed at Rancagua, Chile, c/o Braden Copper Co.

BOOKER RUCKER, JR., '33, has been transferred to Licking, Mo., where he will continue working as government timber cruiser.

A. E. SHRUBSALL, '33, is with the Electro-Metallurgical Co. of Niagara Falls, N. Y. His address is 2432 La Salle Ave., Niagara Falls, N. Y.

A. J. WILLIAMS, '33, is with the U. S. Engrs. at Labadie, Mo.

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## LAMBDA

RICHARD A. HART, '12, is State Recovery Engineer—C. W. A. He lives at 1257 Stratford Ave., Salt Lake City, Utah.

GEO. F. STOTT, '15, is in charge of mine development for the Tintic Gold Mining Co., Mammoth, Utah.

LEWIS C. KARRICK, '17, lives at Belvedere Apts., Salt Lake City, Utah.

C. MILTON ANDERSON, '20, is Utah State Tax Commissioner, and may be addressed at 2174 S. Third East, Salt Lake City, Utah.

IVAN ANDERSON, '22, is with the

American Smelting & Refining Co. at Garfield. His residence is 1079 E. 27th South St., Salt Lake City, Utah.

NEWELL J. KUHRE, '23, is doing contracting work and lives at 6000 Highland Drive, Salt Lake City, Utah.

ELLIS W. BARKER, '24, is Consulting Engineer, and may be addressed at 264 South 10th East, Salt Lake City, Utah.

PAUL E. WILSON, '27, is with the Worthington Pump & Machinery Co., 1706 Welton St., Denver, Colo.

MEL LUNDBERG, '30, is an engineer

for a Power Company in Vernal, Utah.

WM. R. MARSHALL, '32, is working for Brother Ed. W. Snyder, Manning Gold Mining Co., as metallurgist. His residence is Fairfield, Utah.

ALBERT OLSON, '33, is working a mine at Wilburn, Mont.

WM. OTTENSTEIN, '33, is attending the Boeing School of Aeronautics at Oakland, Cal.

ROSCOE VAN LIEW, '33, is inspector for R. A. Hart, State Recovery Engineer, and lives at 155 Second Ave., Salt Lake City, Utah.

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## NU

JAMES H. DODGE, '31, is with the Latrobe Electric Steel Co. His address is 1700 Ligonier St., Latrobe, Pa.

HARRY D. KOLB, '32, is with the American Rolling Mill Co.

HENRY CARR, '33, is located with the American Rolling Mill Co. at Butler, Pa.

HARRY KRIDER, '33, is employed in the Credit Dept. at Gimbels in Pittsburgh, Pa.

H. LUNDGREN, '33, is in Canton, Ohio. He is located with a steel company there and is living at the Y. M. C. A.

ARCH MATTESON, '33, is working for the Pennsylvania Railroad, and is located in Buffalo, N. Y.

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## OMICRON

CLEMENT McMAHON, '21, is in Ft. Bayard, New Mexico.

JOHN FOLWELL, '27, announced the birth of a boy, Robt. James, on Feb. 10, 1934.

W. WALDO TOWNE, '27, has moved his office from Waubay to Pierre, S. D.

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## PI

HARRY F. BAUSERMAN, '24, is working as electrical engineer at Fort Shafter, Honolulu, T. H.

ROBERT G. FITZ, '24, may be addressed at 240-31 Carolina Rd., Douglaston, N. Y.

WM. G. BROWN, JR., '29, is Maintenance Supervisor for State Highway Commission of N. C., and lives in Wadesburg, N. C.

OLIVER G. FLIPPEN, JR., Ex. '30, is Retail Sales Mgr. of Standard Oil



Co. of N. J. for city of Norfolk, and lives at 1001 Gates Ave., Norfolk, Va.

CLARENCE M. HAWKINS, '31, is Supt. in charge of construction of a dam at Douthat State Park. He may be addressed at Box 532, Clifton Forge, Va.

JOSEPH L. POLLARD, JR., '32, is with the Nat'l Dairy Products Corp. of Philadelphia, and lives at Kenderton

Apt., 17th and Lioga, Philadelphia, Pa.

WM. K. PRICE, JR., '32, is at 508 Chestnut Ave., Waynesboro, Va., and is employed by DuPont Rayon Co.

SAMUEL G. WISE, '32, is at 44 Palmer Ave., Scarsdale, N. Y.

WALTER S. GARD, '33, is employed by DuPont, and may be reached at 100 Michigan Ave., Charleston, W. Va.

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## SIGMA

CASSIUS H. MAKEEVER, '27, is married and lives in Mt. Gilead, Ohio.

GRAYDON TROUT, '30, tired of press agenting for the circus, and is now employed with the Sanitary Consulting Engineering Firm in Cleveland, Ohio.

ROBERT DIEHL, '31, CHAS. E. GAGNIER, '33, FRANCIS M. HAGEMAN, '33, and CHAS. P. SMITH, '29, are all announcing the visit of the stork to their respective abodes.

ALBERT C. HANSEN, '31, is with the Ohlen-Bishop Saw Co. in Columbus, Ohio.

JOHN A. BUCKLEY, '33, is working for the Apex Rotarex Co. of Cleveland in Detroit, Mich.

PAUL M. FISCHER, '33, was married recently and lives in Newark, Ohio, where he is employed by the Ohio Power Co.

CHAS. E. GAGNIER, '33, is with the Carnegie Steel Co. of Youngstown, Ohio.

FRANCIS M. HAGEMAN, '33, is with the Picqua Municipal Power & Light Co.

LYLE SANDERS, '33, was also shot down by Cupid and now lives in Clyde, Ohio.

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## UPSILON

PORTER GRACE, '30, is Manager of the Sherman Concrete Culvert Co., Little Rock, Ark.

FRANCIS BARNETT, '31, is with the United Gas Co. in Monroe, La.

HAROLD ALBRECHT, '32, is Radio Engineer with the R. C. A.-Victor Co. at Camden, N. J.

ROBERT COLE, '32, is employed by the Arkansas Highway Dept. at Sulphur Springs, Ark.

KARL REID, '32, is manager of the Shipley Baking Co., in Fayetteville, Ark.

FRANK CLEGG, '33, is with the Pure Oil Co., at Muskogee, Okla.

LEON HIRSHORN, '33, is with the Standard Brake Shoe and Foundry Co. at Pine Bluff, Ark.

HENRY LEWIS, '33, who is with the Lion Oil Co. at El Dorado, Ark., was recently married in Texarkana.

ROBERT OSBORN, '33, is employed by the C. W. A. as inspector of engineering projects in the State of Arkansas.

GUILFORD SMITH, '33, is employed by the Coast and Geodetic Survey for

the State of Arkansas with headquarters in Little Rock.

DAVID THORNBERRY, '33, is reported to be living in Friars Point, Miss.

LUCIEN FOWLER, '33, is employed in Corning, Ark.

## PHI

M. R. CHANDLER, '33, has completed a successful season as coach of the basketball team at Clark High School, Hammond, Ind. He is also

head of the Physics Dept. there.

R. J. HORSTMAN, '33, is Assistant Electrician at the Ball Brand Mfg. Co., Mishawaka, Ind.

## OMEGA

DENNIS E. DAHLGARD, '32, was married on Feb. 3, 1934, to Miss Hazel Johnson of Rapid City, S. D. He is Resident Engineer with the S. D. State Highway Commission at Presho, S. D.

FRED PADDOCK, '32, is a miner with

the Bald Mountain Mining Co. at Trojan, S. D.

GERALD MUNSON, '33, is with the S. D. State Highway Commission at White River, S. D.

ARCHIBALD L. SLAUGHTER, '33, is an engineer with the Bald Mountain Mining Co. at Trojan, S. D.

## Recent Initiates

### ALPHA

- 382 Donald J. Heng, Crookston, Minn.
- 383 Roland G. Nygren, St. Paul, Minn.
- 384 F. Lee Paul, Minneapolis, Minn.
- 385 Eugene L. Holston, Bayfield, Wis.
- 386 Lawrence W. Rollin, Duluth, Minn.
- 387 Herbert A. Swift, St. Paul, Minn.
- 388 Oscar V. Wehmanen, Atkin, Minn.

### BETA

- 369 Hans H. Schou, Beloit, Wis.
- 370 Wesley Grosh, Chicago, Ill.

### GAMMA

- 431 Emer J. Alderfer, Newark, N. J.
- 432 Anthony Lee Muller, Denver, Colo.
- 433 Edgar H. Jeffres, Golden, Colo.
- 434 Thomas P. Turchan, Rock Springs, Wyo.
- 435 Kenneth D. True, Mead, Colo.
- 436 Frank R. Lebar, Rock Springs, Wyo.
- 437 Casper Hofman, III, Denver, Colo.
- 438 Chas. Bellm, III, Denver, Colo.
- 439 Paul W. Smith, Denver, Colo.
- 440 Joseph B. Kennedy, Long Island, N. Y.
- 441 James Colasanti, Denver, Colo.

### DELTA

- 342 Robert A. Taborsky, Cleveland, O.
- 343 Alfred L. Sibila, Cleveland, O.
- 344 John O. Geissbuhler, Cleveland, O.
- 345 Robert Moeller, Cleveland, O.
- 346 Frank W. Cowdrey, Cleveland, O.
- 347 Werner G. Seck, Cleveland, O.
- 348 Kenneth F. Sibila, Cleveland, O.
- 349 Roland O. Hartman, Cleveland, O.
- 350 Robert G. Chapman, Cleveland, O.

### EPSILON

- 367 John E. Kilkanny, Berkeley, Calif.
- 368 Cyril Fox, Los Angeles, Calif.
- 369 Joseph T. Gregory, Berkeley, Calif.
- 370 Norbert S. McKenna, Berkeley, Calif.
- 371 Alton E. McLaughlin, Korb, Calif.
- 372 Wm. R. O'Leary, Jr., San Francisco, Calif.

### ZETA

- 327 Lewis W. Benz, Overland Park, Kans.
- 328 Preston A. Cole, Bartlesville, Okla.
- 329 Glenn E. Hands, Kansas City, Mo.
- 330 Carl E. Kindsvater, Hoisington, Kans.

- 331 R. D. McKim, Pratt, Kans.  
 332 Robert A. Russell, Lawrence, Kans.  
 333 Franklin White, Ottawa, Kans.  
 334 Wendell C. Wyatt, Wellington, Kans.

## THETA

- 196 Adolph Fisher, L. I., N. Y.  
 197 John H. Boje, N. Y. C.  
 198 Wm. F. Shaughnessy, N. Y. C.  
 199 Mariano N. Sinaceri, Brooklyn, N. Y.  
 200 Herman Heppenheimer, N. Y. C.

## IOTA

- 303 Kenneth H. Sievers, Webster Groves, Mo.  
 304 Oliver W. Kamper, St. Louis, Mo.  
 305 Rudolph J. Knoll, St. Louis, Mo.  
 306 E. J. Nickel, St. Louis, Mo.

## LAMBDA

- 298 Maurice G. McGrath, Salt Lake City, Utah  
 299 Donald W. Newsome, Portland, Ore.  
 300 Elmer Butler, Salt Lake City, Utah  
 301 Louis Reese, Frontier, Wyo.  
 302 Charles Hinze, Twin Falls, Idaho  
 303 Maurice McKendrick, Salt Lake City, Utah  
 304 Eldon R. Morgan, Salt Lake City, Utah  
 305 Kenneth Abplanalp, Ogden, Utah  
 306 Ray Bowen, Spanish Fork, Utah  
 307 Frank M. Lathrop, Ogden, Utah  
 308 Robert C. Woodhead, Kenilworth, Utah  
 309 Bernard J. Greulich, Reno, Nev.  
 310 Joseph Miller, Salt Lake City, Utah

## MU

- 174 Nick Krapf, Freeport, N. Y.  
 175 Kenneth Daniels, Memphis, Tenn.  
 176 Edmund Boniface, Morristown, N. J.  
 177 Will H. Trammel, Birmingham, Ala.  
 178 Claude Lincherry, Gorgas, Ala.  
 179 Pete Neveras, W. Hazelton, Pa.  
 180 Joe J. Didrence, Trenton, N. J.  
 181 Edward Harris, Tuscaloosa, Ala.  
 182 Thomas Simpson, Tuscaloosa, Ala.  
 183 Jack McKay, Durham, N. C.  
 184 Ed Bernhart, Ocean Grove, N. J.  
 185 James Norman, Laurel, Miss.

## NU

- 231 Donald L. Ashbaugh, Dover, O.  
 232 Charles E. Crede, Wilkinsburg, Pa.  
 233 Richard G. Crumley, Warren, O.  
 234 Russell E. Dorrell, Washington, D. C.  
 235 Francis T. Lowrey, Pittsburgh, Pa.  
 236 Valentine D. Ludeke, Long Island City, N. Y.  
 237 Ralph D. Moyer, Dunbar, Pa.

- 238 Wm. H. Stafford, Philadelphia, Pa.  
 239 Thos. Wm. Ungashick, Canton, O.

## PI

- 147 Richard M. Daniel, Alexandria, Va.  
 148 Wm. M. Irvine, Culpepper, Va.  
 149 Walter S. Carter, Charlottesville, Va.  
 150 Robert G. Copper, Lyndhurst, Va.  
 151 George F. White, Richmond, Va.  
 152 Paul W. Fitzpatrick, Washington, D. C.  
 153 Merryman P. Bailey, Norfolk, Va.  
 154 Robert V. Anderson, Long Island, N. Y.

## SIGMA

- 162 Charles B. Smith, Columbus, O.  
 163 James M. Robinson, Sandusky, O.  
 164 Charles C. Griffith, Steubenville, O.  
 165 John P. Landahl, Columbus, O.

## TAU

- 137 Beverly E. Burrell, Syracuse, N. Y.  
 138 Walter Carle, Saugerties, N. Y.  
 139 Harold E. Crampton, Rockaway, N. J.  
 140 Edwin J. Joslyn, Oneonta, N. Y.  
 141 Frank J. Salmon, Schenectady, N. Y.

## UPSILON

- 94 Robert R. Chase, Little Rock, Ark.  
 95 T. Burton Lewis, Eldorado, Ark.  
 96 Wm. H. Mapes, Ft. Smith, Ark.  
 97 Randall W. Steward, Little Rock, Ark.  
 98 Frank Beckman, Ft. Smith, Ark.  
 99 Albert L. Cochran, Springdale, Ark.

## PHI

- 112 Kenneth L. Timmins, Anderson, Ind.  
 113 Geo. E. Chapman, Chicago, Ill.  
 114 Elwin W. Mintern, Parkman, O.  
 115 Carl J. Anderwald, Bridgeport, Conn.  
 116 John H. Smethers, Warren, Ind.  
 117 Lawrence Sedlar, Laurium, Mich.  
 118 George B. Roberts, Oxford, Ind.  
 119 Harry C. Scott, Whiting, Ind.  
 120 Verlin M. Wann, Chalmers, Ind.  
 121 Stuart J. Sietsma, Lafayette, Ind.

## CHI

- 80 Clinton Ring, Tucson, Ariz.  
 81 Wm. Adair, Phoenix, Ariz.  
 82 Frank Keller, Jr., Ft. Leavenworth, Kans.  
 83 Wm. Crozer, Winslow, Ariz.  
 84 Joseph R. Othick, Tirapata, Peru, S. A.

## PSI

- 37 George McCracken, Butte, Mont.  
 38 Ivester R. Murphy, Butte, Mont.  
 39 Jay T. King, Butte, Mont.  
 40 R. Davidson Piper, Ennis, Mont.  
 41 Melvin E. Williams, Deer Lodge, Mont.

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3. CHARGE: A fee of 5% of the first month's salary will be charged those men who are successful in securing a position through the service.
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M. M. 2—E. M., B. S., B. S. in Met. A. B. Mich. Tech. Age 28, married.  
2 years open and underground mining, 1 year quarry blasting, 2  
years H. S. teaching experience.

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