A lake is the landscape's most beautiful and expressive feature. It is the earth's eye; looking into which the beholder measures the depth of his own nature.

*Henry David Thoreau*
up high cotton candy clouds, as unambitious as myself. Float by.
Sallows look like little V's as they glide the air with ease.
when the breeze
comes a broom
and sweeps both
birds & clouds away,
and the sun
brings down
the curtain
on another
lovely day.
Mary Chalkley Shott
The important thing is not to stop questioning. Curiosity has its own reason for existing. One cannot help but be in awe when he contemplates the mysteries of eternity, of life, of the marvelous structure of reality. It is enough if one tries merely to comprehend a little of this mystery every day. Never lose a holy curiosity.

*Albert Einstein*

*Photo by Steve Gradoville*

---

*Discovery consists in seeing what everybody else has seen and thinking what nobody else has thought.*

*Albert Szent-Gyorgi*

*Photo by Charlie Vandiver*
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Inorganic Chemist

KAY R. BROWER
Organic Chemist

DONALD K. BRANDVOLD
Biochemist
This year the Rodeo Club coordinated the 56th Annual 49’ers Celebration. The weekend began with the Powder Puff Football game, a hay ride and a rowdy evening at the Ore House. The Turkey Shoot started Friday morning off with a bang. Later that day the Studs took the football championship for the third straight year. The dunking booth was the highlight of the midway. Night life included a foot-stomping Country/Western Dance and another thirst-quenching night at the Ore House.

The casino is the late night place to be on 49’ers.

Ma Blunk knows how to satisfy a man.

Tom dollar guitar?
49'ers Dunking

I wish I could fly.

Booth

Brrr! This water is cold!!

The physical plant takes care of administration.
The Parade

An afternoon ride in the horseless carriage.

Cooney Mining Club float.
The 49er's Celebration continued Saturday morning with the annual parade. Steve Kasden won the Grand Champion Award dressed as an old-time prospector. The afternoon's activities included a barbecue, drilling, mucking, a bicycle race, rugby, soccer, and motocross race. The festivities peaked Saturday night at the Casino. Dance hall girls and ladies of the night entertained the desperados. Dealers dealt, dice rolled, beer flowed, and the roulette wheel spun until the early hours of the morning.

The Tech student body deeply appreciates the hard work and dedication of those who organized this year's 49er's.

Muckin' & Shootin'

Tom and Bob know how to muck things up.
James R. Bierer
Mith Bildebeck
Carol Birckett
Jeanette B. Birzer
David Blaswell
Robert S. Blackmore

The Odd Couple.

Jeffrey Blagg
Dennis Sherwood Blair
Mary Ruth Blair

Susan Rittenhouse Blair
Will A. Blakesley
Linda Blakemore
Rob-a-dub club, let's go some grab.
Roger Taft

Robert and Mac grab a bite to eat at Pizza Inn.

Debmom Tompkins

Tadig Tijani

Beverly Timmons

Ronald Glenn Taylor

Kemnald knows how to relax.

Arnold E. Torres

Paul Treadwell

Michael Trew

Cindy Thomas

Dave Thomas

Jayne Thomas

The DanJumbe brothers.
Grads

Philip Allen
Geology

Velu Annamalai
Metallurgy

If it doesn't have a carbon atom in it, it's just not worth talking about.

Javed Arshed
Petroleum

Carl Axness
Mathematics

Adel Bakr
Hydrology

Velu in metallurgy lab.
Dan Becker
Geology

Vicod K. Berry
Metallurgy

Nancy Biderbeck
Biochemistry

Joseph Duchoy
Chemistry

Michael A. Druml
Chemistry

Mohamed Elshakhbikhi
Hydrology

Richard Nott
Hydrology

Boeen Eitsony
Geology

Yukuo K. Birney
Hydrology

Rahmatollah Elsamendi
Geology

Gregory Gierough
Chemistry

Carol and Dave Schnake
Geology
Michael Glaviano and Dave Hayslip read up on current scientific literature regarding the atom.

Kevin Sheehan  
Hydrology

David Updegraff  
Hydrology

Erwarshill Venkatesh  
Metallurgy

Kriwwat Wongwinit  
Metallurgy

Paul Shulski  
Geophysics

Vichai Tasanajinda  
Metallurgy

Vichit Tepe-Amsudej  
Metallurgy

Wilaivan Tepe-Amsudej  
Computer Science

Dungdeshi Yadwallahoppi
Football

Tim McCann on the run.

Mickey leads Studs to undefeated season.

A golden toe (and finger).
And they're off!

Cleeo rushes the passer.

Greg Harris squeezes one off.
That's using your head.


Left: Sumant Chatiumpunch, Vitali Tsevazhoda, Victor Franco.
Basketball

The Neat People vs. Murder Inc.

Staff vs. Holy Wonders
TURKEY LEAGUE — At Tech there is even a league for turkey jocks. This year the Turkey League championship was decided when the Neat People clipped the Wild Turkeys by one point in the final game of the season.

GIRL'S LEAGUE — The Girl's League pre-Christmas and regular season champs, the Beechwood Bees, were upset by the Omega Mu Phi team in double elimination.

A DIVISION BASKETBALL — The more experienced sports contenders compete in A Division Basketball. This year the Trads went uncontested as season and tournament champions in A Division Basketball, but they did experience one loss against the All-Stars.

Jump ball.

Goad, Gary Olsen, knows how to play rough.

Two points?

Rebound.
Mushball & Softball

Jim winds up for a fast one.

Tom Olsen in the coffin corner.

No wonder umpires can't see straight.

Batter Up!
MUSHBALL — SOFTBALL — In mushball Berto's Buzzards came out the season champs by beating Fred Potato in the championship game. In softball the Golf Course team came out on top by defeating the Dazzlers.
Chemistry Club: 1st row Left-Eight: Mike Stallcup, Al Mattus, Mike Cournoyer, President, 2nd row Left-Eight: Johnny Golden, Xavier Alles, Lawrence Sedillo, Ken Wilson, Melvin Hatch, 3rd row Left-Eight: David Hughes, Damm Apotahan, Greg Gargough, Milton Miranda, Lawrence Bothen, Kay Brower—Adviser


Gun Club: 1st row Left-Eight: Jim McLeemore, Virginia McLeemore, Rick Barbanas, Paul Crawford, Rodney Woodcock, Dave Crawford, 2nd row Left-Eight: Duncan Kameron, Dan Bleg, John Andrews, Steve Krasen

Poker Club: Left-Eight: Tammy Bear, Donald Strachan, Gary Schwede, Brian O'Donnell
The Bureau: The New Mexico Bureau of Mines and Mineral Resources is the state agency responsible for investigating and reporting on the geology and mineral resources of New Mexico; this includes energy resources. The Bureau has several services available to the public such as mineral identification of rock and ore samples from New Mexico; maintaining a public mineral museum; and a sales office for bureau publications which includes scenic guidebooks to selected areas, topographic maps and many other publications concerned with New Mexico's mineral resources and geology; keeping up-to-date county petroleum exploration maps and cuttings from oil wells and several types of well logs; providing speakers for technical and nontechnical talks.

The search for new energy and mineral resources has been of prime importance throughout the history of man. Without minerals and fuels, few technological advancements would be made and without these advancements, man would still live his life from day to day in a primitive state.
St. Pat's

Oh boy this sounds like fun, but maybe not...

Here we come. Walking down the street. Get the funniest locks from everyone we meet.

Nora says, "It's okay, don't worry!"

Rock-a-bye baby?

Inspiring lecture!

Let go of my stick!!

Oh, my gawd, what have I gotten myself into.

What will the outcome be?

Come and get it!

Dog Pile!

Take the Shillelagh and Run?
Oh what a beautiful morning for a mountain climb!

Next stop the 'Fancy Farm'!

Rod contemplates suicide!

Cloud Nine

A long hard climb.

"I wish the laws of Physics were more forgiving."

A breathtaking view!

"Could it be we're in heaven?" says Roy.

Jerry says, "You know Danny this wasn't as bad after all."
Oh, what a beautiful morning for a mountain climb!

Next stop, the ‘Funny Farm’!

Rod contemplates suicide!

Cloud Nine

A long hard climb.

“I wish the laws of Physics were more forgiving.”

Jerry says, “You know Danny this wasn’t so bad after all.”

A breathtaking view!

“Could it be we’re in heaven?” says Bert.
Friday Frolics

Let's move it boys!

On your mark!

And they are off.

We have a winner.
Up up and away.

“I think I can, I think I can.”

Alright, don’t move, or I’ll shoot.

And he bashes the dust.

We could really get somewhere with three legs.

I love you this much.
Body stretcher makes muscles.

The Frisbee Whir.

Rumble, bumble, tail and tumble.

Giddy up.

Jean Claude Kelly.

What's it like to have wooden legs?

They say women are bad drivers.
Will the golden boy get a gold medal?

And he squeeze across the finish line.

Step by step, inch by inch

Oops

And this is doing it the hard way.

Make sure they do equal work.
MODERN PLASTICS ENCYCLOPEDIA
To read is to learn.

Jim meditates on a problem in Computer Science.

Do you really think he is going to take our picture?

Lawrence translates a little German.

Chemistry lab.

Thank God only 10 minutes until class is over.

The Journals

If you ask me, it's intuitively obvious.

in an mine area?

One more mistake on this key punch machine and I'll

Calculus seems to give everyone trouble.

Can I help you?
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Those who will not learn from history...are doomed to repeat it.

The problems that confront all of us today require new and better answers than just another repetition of old mistakes.

At Kennecott, we're using the knowledge we've gained from 65 years of mining experience to help us increase the efficiency of our operations, conserve valuable energy resources, and adequately protect the environment.

But we also need new ideas, insights and innovations, because many of the problems we face today, like those of other industries, businesses and governments, have never been encountered in the past.

To help solve these vital problems, the unique contribution of every individual is needed now as never before. History can teach us some valuable lessons, but many of today's answers will have to come from you.

The copper industry began in the mineral-rich Valley of Timna in the Negev Desert of Israel about 4,000 B.C. After the copper was smelted, it was transported a hundred miles to the north to the village of Abu Matar to be liquefied and cast into stone molds, as shown in the illustration. In this complex of underground rooms, a number of useful items were produced.

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An afternoon in Geo. Lab.
The sparkling expanse of Bill Evans Lake in southwestern New Mexico satisfies two of man's most basic needs — jobs and recreation. Phelps Dodge created this beautiful 65 acre lake in 1968 to provide water for its big copper mining operation at Tyrone, 22 miles away. The lake has been stocked with game fish by the New Mexico Department of Game and Fish, and serves as a favorite fishing and picnicking spot for thousands of New Mexicans.

Bill Evans Lake means jobs for Tyrone employees — copper for the nation's needs, and a bonanza for New Mexico sportsmen.

Phelps Dodge — more than just copper.

This was a dry canyon until 1968

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Henry Davis relaxes with Newsweek.