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Vol. 8, No. 7

ALBUQUERQUE, NEW MEXICO

APRIL 6, 1956

## Henderson Tells Tech Society of Education Needs

Robert W. Henderson, Director of Systems Development, 1200, will speak to the New Mexico Council of Technical and Scientific Societies Apr. 9 at 7:30 in the UNM Engineering Conference Room.

Guidance and assistance for high school and college students to stimulate interest in engineering and sciences will be discussed by Mr. Henderson. He is chairman of the Education and Guidance committee of the Council of Technical and Scientific Societies.

Mr. Henderson has been associated with the atomic weapons program since 1942, first at the University of California Radiation Laboratory at Berkeley. He moved to Los Alamos in 1944, participated in the development of the first atomic test at Alamogordo and tests later at Bikini.

In 1948 he was Assistant Scientific Director of the AEC experimental program at Eniwetok. He has been Director of Engineering at Sandia Corp. since 1951, but held several executive positions at Sandia Laboratory since 1947.

## IRE Conference Trade Show Set For April 10-13

Attention of IRE members is directed to the Seventh Regional Technical Conference and Trade Show scheduled in Salt Lake City, Utah, April 10-13. Highlight of the conference will be an address by Simon Ramo, outstanding military and technical figure and a partner in Ramo-Woldridge Corporation of California. Technical sessions and displays will occupy the remainder of the conference. For further information members are urged to call H. D. Finch, 5251, publicity chairman, ext. 43246.

## Employee Services To Issue Insurance Date Tags for Cars

Sandia Corporation employees who renew their automobile insurance will no longer need to go to the Provost Marshal's office to receive their new permits to enter the base. Issuance of the new date-stickers will be handled by Employee Services Division, 3122.

Employees whose insurance is to expire will receive a form from Employee Services which will be completed by the automobile owner and returned to 3122 and a new date-sticker will be issued.



R. W. Henderson

## Dinner Dance for Big 10 Alumni to Be Held May 12

Tickets are now on sale for the Fourth Annual Big Ten Alumni Dinner Dance scheduled for May 12 at Kirtland Officers Club. Cocktails, dinner, dancing and a talent show are planned.

Tickets are \$3.00 per person and may be obtained by contacting an alumni group or E. F. Ingledue, 1411, Rm. 402, Bldg. 802. All graduates of the "Big Ten" universities are eligible to attend.

## 2-Part Program Set for April 12 Meeting of ASQC

Two speakers are scheduled for the Apr. 12 meeting of the Albuquerque Section of the American Society of Quality Control, according to Al Hurford, 1451-1, publicity chairman. Meeting will begin at 7:30 in Rm. 101 of Mitchell Hall at UNM.

D. W. Ballard, supervisor of TMS Engineering Section 1634-1, will discuss "The Problem of the Isolated Lot" during the society's educational session.

For the general session, guest speaker is William H. Chalmers, Tube Division, RCA, Harrison, N. J. He will discuss quality control methods in manufacturing and inspection of electron tubes.

Prior to the meeting, the guest speakers and the executive committee of the ASQC will attend a business dinner at Leonard's Restaurant beginning at 6 p.m.

## W. L. Hancock New Director Security For AEC-AOO

W. Lee Hancock has been appointed Director of the Office of Security, AOO, succeeding James L. McCraw, who was recently appointed Assistant Manager for Inspection and Storage.



W. L. Hancock

Mr. Hancock came to Albuquerque from Washington, D. C., where he had been Chief of the Regulations Unit for the AEC. Previously he had been Assistant Director of the Security Division of the AEC.

A graduate of the Creighton University Law School, he served in the Federal Bureau of Investigation and worked for Trans-World Airlines until 1949. He operated his own business in Denver until 1952 when he joined the AEC.



WINNERS RECEIVE CHECKS for the best entries in the professional and amateur divisions of the third annual Coronado Club Art Show. George Marks, left, technical illustrator of 2463, earned \$15 first prize for his oil painting, "Bronc Rider." Berenyce A. Baudoin, wife of Louis Baudoin, 1634, was top amateur with "La Casa de Arboles" in oils. Dick Strome, 2463, chairman of the show makes the presentation for the Coronado Club.

## Nuclear Reactor Films Available For Public Use

Seven semi-technical films dealing with various types of nuclear reactors are now available for loan and showing to unlearned groups, the AEC's Albuquerque Operations Office of Information has announced.

The films will be loaned free of charge for educational non-profit purposes. They are more technical than previous atomic energy-related films produced for showing to public groups. Requests should be mailed to the AEC Albuquerque Operations Office, P. O. 5400, Albuquerque.

Titles of the films are as follows: Nuclear Reactors for Research, Sodium Graphite Reactor Progress Report, Developing Homogeneous Reactors, Construction of the Argonne Research Reactor, Safety Experiments with a Boiling Reactor, Borax (Construction and Operation of A Boiling Water Power Reactor), and Atomic Physics.

## Top Honors in Club Art Show Won by George Marks, Mrs. Berenyce Baudoin

Technical illustrators of the Technical Art Division, 2463, took top honors in the professional category at the third annual Coronado Club Art Show last week. George Marks, winner of the 1955 show, was again awarded first prize by public choice. His entry, "Bronc Rider," was a large oil painting depicting the height of action of a rider on a bucking horse.

Second prize went to Dick Volpe for his watercolor, "Back Street." "Winter Snow" in oils earned third prize for Terrence Clark.

In the amateur division, Berenyce A. Baudoin, wife of Louis P. Baudoin, 1643, placed first with her oil landscape "La Casa de Arboles." It portrayed a typical Southwestern adobe building with much detail of color and shadow.

Second place went to Dorothy Reinertsen, 2561, for her oil painting "Sentry." Mrs. J. M. de Montmollin (Mr. de Montmollin is employed in 1242) took third prize with her oil snow scene titled "Partenkirchen."

Two-time winner George Marks has been a technical illustrator at Sandia Corporation for three years.

## Gold Rushers to Party April 14

Can-Can dancing girls, singing waiters, and western costumes will highlight the annual Coronado Club "49ers Gold Rush Party" scheduled Apr. 14. Doc Savage and the boys will provide the stomping music and will kick off the festivities at 9 p.m. Curfew is 1 a.m.

An old time casino will be set up in the main dining room and stage money will be issued at the door. Prizes will be awarded for the best costumes. All sourdoughs, prospectors, cowboys, cowgirls, and the "men with the beards" should feel right at home.

Admission is \$1.50 for members, \$1.65 for guests.

He was an art major at the University of Iowa graduating in 1950. He attended another year as a graduate student before coming to the Southwest. He spent three years in the Marine Corps before entering art school.

Mrs. Baudoin took 50 hours out from her busy role of homemaker, mother of two active boys, and president of the Bel-Air school PTA to paint her winning picture. It was her fourth effort at landscapes and she was "happily surprised" to take first prize. Portraits are her "real" interest.

Mrs. Baudoin has been painting for about a year, but has been interested in art for many years. Her only formal training in art was at the UNM Community College. She attended last year's spring and fall sessions.

## W. R. James New Dept. Manager In Purchasing

W. R. James joined Sandia Corporation Mar. 19 as Manager of the Electrical Purchasing Department, 2310. He replaces E. C. Deuschle who is now with the purchasing organization of Western Electric Company in New York.

Mr. James has been with Western Electric Company since 1942 and has been assigned to the purchasing organization as a buyer.

An alumnus of Dickinson College, Carlisle, Pa., Mr. James was with Bankers Trust Company and National Cash Register Company in New York before becoming associated with Western Electric.

Mr. and Mrs. James have two children, William R. Jr., 16, and Elizabeth Anne, 11. The family will remain in Asbury Park, N. J., until school is out this spring.



W. R. James



MOUND LABORATORY officials recently visited Albuquerque to confer with AEC-AOO officials and officials of Sandia Corporation. Mound Laboratory is in Dayton, Ohio, and is operated under contract to the AEC by Monsanto Chemical Company as a production facility in the AEC's weapons complex.

Pictured above are, L to R: Edward J. McCarthy and Ethan A. Walker, both of Mound Laboratories; Kenner F. Hertford, Manager, Albuquerque Operations Office; Nicholas T. Samaras, Mound Laboratories; and James W. McRae, President, Sandia Corporation.



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Frances Ramsey, Don Graham, Assistant Editors  
 Robert S. Gillespie, Editor



### Let's Bury 'Em Deep!

The cliché has come to play such a vital part in American business that some enterprising lexicographer has compiled a dictionary of cliché definitions—probably hoping to bury a few of them.

Here's the way he sees it:

It is in process—So wrapped up in red tape that the situation is almost hopeless.

We will look into it—By the time the wheels make a full turn we assume you have forgotten about it too.

A program—Any assignment that can't be completed by a telephone call.

Expedite—To compound confusion with commotion.

Channels—The trail left by the interoffice memos.

Co-ordinator—The guy has a desk between two expeditors.

Consultant (or expert)—Any ordinary guy more than 50 miles from home.

To activate—To make carbons and add more names to the memo.

To implement a program—Hire more people and expand the office.

Under consideration—Never heard of it.

Under active consideration—We're looking for it in the files.

A meeting—A mass mulling by master minds.

A conference—A place where conversation is substituted for the dreariness of labor and the lonesomeness of thought.

To negotiate—To seek a meeting of minds without knocking together of heads.

Re-orientation—Getting used to working again.

Reliable source—The guy who told the guy you just met.

Unimpeachable source—The guy who started the rumor originally.

Clarification—To fill the background with so many details that the foreground goes underground.

He's on the right track and all we have to do to implement his program is to get on the ball by putting our shoulders to the wheel. The operation will be resultful only if all knowledgeable sources, as such, get on board and hold an umbrella over those who carry the torch for simplicity in writing and speech.

## Frank Barnett Author of New Adventure Novel to be Published Late this Month

An adventure novel entitled, "The Wound Is Green," will be published by Franklin Barnett, 7123, in April.

The book, Frank's first, tells of a hunt throughout Mexico by an American mining engineer for the seven suspects in the murder of his father. Action takes place during the period 1915-1917, the years immediately following the Mexican Revolution. Incidents and background throughout are based on facts.

The novel will be released for sale within the month by Exposition Press of New York.

Frank first joined the Corporation in May, 1950, as a design draftsman in charge of a drafting section for special laboratory equipment at West Lab. He later transferred to then-existing Division 1723 as a technical writer.

Leaving Sandia in October, 1951, he spent six months in Mexico writ-

ting "The Wound Is Green." He returned to Albuquerque and Sandia Corporation in January, 1953, with Division 7123 as a technical writer, the position he holds now.

He has written and published many articles of a technical and philatelic nature. His wife, Joan, is a former employee of the Corporation.

#### On Celebration Committee

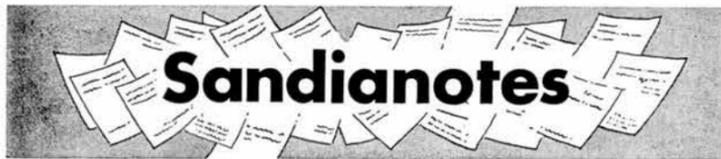
Dick Dickson, 3125, and Richard G. Elliott, AEC, were chosen members of the editorial committee which is preparing the historical souvenir booklet and program for Albuquerque's 250th Anniversary celebration. The booklet will feature historical writeups about the city, business firms and old timers in the mercantile business.

#### Switzerland Vacation

A five month's stay in Zurich, Switzerland, is planned by Marguerite McDonald, wife of Chuck McDonald, 7113. Chuck will join her for a month in July and they will return in August. Mrs. McDonald is a native of Switzerland and hasn't been home in three years.



Frank Barnett



**SPORTS SPORT SPINACH**—It's the latest thing as more and more Sandians cultivate whiskers in observance of the coming 250th Anniversary of Albuquerque celebration. Flaming red beard of Cliff Rounds, left, offers contrast to the luxuriant black growth of Andrew Alderete, right. Both are in 4161.



#### April Birthday

Organization 7224 couldn't let the Apr. 1 birthday of Henry Holmberg go unheralded. Members of 7224-3 presented him with a matched set of luggage—made of assorted sizes of paper bags. When he put them to use, he discovered an unfortunate hole in the bottom of his weekend case. Another gift, a bag full of "key punchings," came from 7224-1.

#### Naval Training

Two Sandians recently returned from a two week training cruise in the Caribbean with the Naval Reserve. Lloyd Keller, 2723-1, and Larry Horner, 5521, spent most of their time aboard the USS Willett (DE 354) from New Orleans to Havana. They visited the national monument at Ft. Jefferson National Park at Dry Tortugas, Fla., and took time out to do some salt water fishing in the Gulf Stream.

#### New Daughter

Mr. and Mrs. Dan Stoddard, 5124, adopted a baby daughter, Linda, Mar. 19. They also have a 13-month-old son Ralph.

#### New Home

Leonard Hitchcock, 2721, and family have recently moved into their new home at 1042 Marcella N.E.

#### "Happy Housewarming"

"Happy Housewarming to the Roths" scripted atop a large cake climaxed a surprise housewarming in the new home of Mr. and Mrs. George H. Roth at 8708 La Salle Grande N.E. Roth is Manager of the Quality Engineering Department, 5520. About 30 guests dismayed the Roths with a buffet supper and gifts. The affair was arranged by Mrs. Howard E. Viney and Mrs. F. J. Ferry. (Mr. Viney is department manager of 5610 and Mr. Ferry is a member of the 5523 organization.)

#### First Son at Livermore

The Livermore Branch's first offspring is David Allen Little. The nine pound, 11-ounce boy was born to Mr. and Mrs. William A. Little, 1251, Feb. 11 in Livermore's St. Paul Hospital. He is the Littles' third child.



**B FLATTERS** quartette of the Sweet Adeline Singers will harmonize during the program sponsored by the women's singing group tomorrow night at 8 p.m. in Albuquerque High School. A number of Sandians and wives of employees are members. L to R are: Helen Melancon, 7221-1, tenor; Dotty Leavitt, of Albuquerque, lead; Bernice Blair, of Albuquerque, baritone; Marge McDowell, 4111, bass.

## Sandians Who Serve

This is another in a series of articles describing the community activities of Sandia Corporation employees.



Kitty Weston—5121  
 VP and Programmer of Questers

Analogous to medieval questers who at once sought adventure and spiritual gratification, the Questers of First Presbyterian Church promote fellowship, worship, work and study. First vice-president and program chairman of the group, composed of single adults aged 23-35, is Kitty Weston, 5121.

Since last July, Kitty has had the responsibility of planning weekly Sunday night meeting programs which lean heavily toward spiritual

and social betterment of members. They range from talks on mountain climbing, creative hobbies, social graces, to panels on great religions of the world.

Although primarily a religious organization open to all denominations, says Kitty, its member Questers sponsor frequent social activities which include ice skating, horseback riding, bowling, and mass attendance at theatrical productions, football games, dances.

Kitty, who came to Albuquerque last January from Langeley Field, Va., and is now a technical staff assistant in Systems Analysis, has participated in many Questers' charitable projects. Last fall, proceeds from a chuckwagon dinner went to a scholarship fund for students of Menaul High School.

Earlier, Questers turned decorators, painted the clinic walls of Penasco Mission in Sangre de Cristo Mountains and readied playground facilities at Martinez-town Community Center. Typical Christmas party consists of wrapping gifts of clothing and then presenting them together with a tree to an Albuquerque family.

Theirs is a proud record of service to their community.

Among others who hold offices are: Marybelle Arnold, 7225, second vice-president; Lorena Schneider, 2610, sergeant-at-arms and hospital-ity chairman; and Betsy Walter, AEC, social chairman. Roy Lambert, 5522, is past president.

#### Las Vegas Prize

Gladys Northrup, wife of Clyde J. Northrup, 5213, won a three day expense paid trip for two to Las Vegas, Nev., in the recent "Miss Mankin" contest sponsored by Mankin Homes, Inc. Mrs. Northrup voted in the contest and her name was placed in a bowl. Miss Mankin, Rosalie Gutierrez, then selected Gladys's name as winner of the free trip. Gladys and Clyde will fly TWA to Las Vegas and stay in the Desert Sands Hotel. Ferne Saylor, 1630, Mrs. Northrup's sister, will accompany them on the trip.

#### Bridal Shower

Honored at a recent bridal shower at the home of Arlene Wardlow, 7224, 10207 Snow Heights Blvd. N.E.



was Edra Billings, also of 7224. Edra, a Corporation employee two and one-half years, plans to be married June 23 to Archie Raymond Thornton, Sr., of South Gate, Calif. The ceremony will be performed in the home of her sister and brother-in-law, Mr. and Mrs. Douglas Searle, 8500 Rio Grande Blvd. N.W.

#### New Home

B. N. "Chuck" Charles, 5122, and his wife, Leni, 3164, recently completed a move into their new home at 10413 Princess Jeanne N.E.



INSTRUCTORS' COURSE in first aid training was drawing to a close when this photograph was taken in the training building. Five of the student-instructors out of the group of 26 in the class are shown here.

L. to R: George T. Chapman 4153, D. C. Robertson 2581, Marshall W. Tippy 3211-1, Charles S. Stack 7231 and James T. Brown 5511. Richard L. Shaum, 5221, is the "victim" as the class reviews a first aid problem.

## Dance Instruction for Coronado Club Members Starting Monday, April 16

Registration is now going on for Coronado members who wish to enroll in dance instruction courses being offered at the club.

Those wishing to enroll in a Latin dance class for beginners or advanced students should do so before Apr. 15. The classes will begin Apr. 16.

Beginners classes, to be held on Monday nights from 7 to 8:30, beginning Apr. 16, will be taught by Gail Ward, 2463. Justin Heineman, 7123, will be the instructor for the advanced class to be held Monday nights from 9 to 10:30 beginning Apr. 16. Fee for the ten lesson course is \$6.

Registration for Saturday afternoon teen-age dance classes will continue through Apr. 15 for members who wish to enroll in the ten lesson course.

The classes will begin May 5 and will be offered from 1 to 2 p.m. Mrs. Glenna Gromec of Continental Dance Studios will instruct the class in the fundamentals of ballroom dancing. A \$5 fee for the course must be paid in advance.

## IRE-AIEE Brings 'House of Magic' To Members, Public

The Institute of Radio Engineers and the American Institute of Electrical Engineers are jointly sponsoring the General Electric House of Magic Show Apr. 9 at 7:30 p.m. at "Reddy's Rendezvous" at 5th and Silver.

### 2 - 5 - 10 Years

## Sandia Corporation Service Awards

#### Two-Year Certificates Apr. 6-14

Bruno Paoletti 2152, Edward J. Stelly 7316, John S. Burton 1241, Willis M. Biscinius 2713, Maurice R. Taylor 1211.

#### Apr. 15-19

Thomas D. Harrison 2551, George R. Norris, Jr. 1222, Ralph T. McRae 7412, Marian A. Plummer 4131, William H. Puder 7223-1, Alice M. Simon 2461, Lawrence J. Bowen 2151.

#### Five-Year Pins Apr. 6-14

John P. Ford, Jr. 1233, Rudolph S. Stefoin 1443, Howard H. Sander 5112, Warren H. Curry 5141, G. G. Gillespie 2321, Larue W. Wildgoose 7311, Conway L. Wilson 7313.

Paul K. Goen 1235, Audrey C. Boxx 2111, Harold L. Brint 4111, Jeanette Palkovic 4133, Alexander S. Aberg 2223, Mildred M. Hinds 7121, John K. Wichelns 4112.

Catherine E. Norton 7223, Clyde H. Green 2231, Charles J. Kaspar 3153, Frank J. Maloney, Jr. 1244, Mary A. Mares 7225.

#### Apr. 15-19

Lloyd E. Fuller 2000, Harry R. Holmes 1621, Lorenzo D. Duran 2124, S. A. Chemistruck 7329, Walter L. Cole, Sr. 7412, Truman L. Daniel 2610.

William R. Perret 5112, Tony R. Lopez, Jr. 2111, Meliton J. Otero 2522, Robert J. Dineen 2113, Dorothy Ham 2461.

## ASME Regional Conference Here

The New Mexico Section of the American Society of Mechanical Engineers is host to a regional administrative conference of the ASME Apr. 13-14 in the Alvarado Hotel. Approximately 35 delegates will attend from a nine state area and Mexico.

R. W. Henderson, Director of Systems Development, 1200, chairman of the local group, will entertain the delegates with a buffet supper in his home on Friday evening, Apr. 13.

The executive committee of the local organization includes Don Bliss, 2533, vice-chairman; John McKierman, 1283, treasurer; and Frank Kohut, 1622, secretary. Directors in the committee are R. A. Bice, 5200 and C. H. De Selm, 1210.

The delegates will discuss recommendations from individual sections and compile agenda items for the national organization of ASME. Sessions are scheduled from 9 a.m. Friday through noon Saturday.

## Toastmasters Elect

New officers for the Manzano Toastmasters club were installed this week. B. F. Heinrich, 1262, is president, George Martin, 1641, is educational vice-president, and R. E. Berry, 1245, is Sgt.-at-arms.

Retiring president, Walter Maupin, 1216, was named co-chairman of the public relations committee.

## Prepare to Issue FCC Licenses to Radio Amateurs

A joint meeting of the Sandia Base Radio Club and the Amateur Radio Caravan Club is scheduled for tomorrow at Albuquerque High School with all other Albuquerque Radio Clubs or interested amateurs.

A Federal Communications Commission examiner from Denver, Colo., will review new laws and regulations of the FCC. He will conduct a question and answer session on FCC operational procedures.

The following morning, Saturday at 8 a.m., in Rm. 121, Mitchell Hall, examinations will be given for license renewals and commercial radio operation licenses. At 11 a.m. exams for amateur licenses will be conducted.

## Raymond Kennedy Passes Away

Raymond Kennedy, 2452, an employee at Sandia Corporation for 23



months died at his home Mar. 23. He was 43.

He is survived by his wife, Shirley, and a daughter, age 9, and a son, 5. The funeral was held in Mooresville, Ind., Mar. 24.

Sympathy to Bill Laskar, 2462-1, for the death of his mother Mar. 29 in Albuquerque.

## Red Cross First Aid Experts Start Classes For Sandia Corporation Employee Groups

Twenty-six experts, all Sandia Corporation employees, are conducting classes in American Red Cross first aid for Sandia employees.

Five "standard" classes are being given evenings. These, and later classes will eventually provide 18 hours of training for about 250 students in first aid techniques.

Offered by the Training Division, 3124, the classes started Mar. 28. Each instructor has completed 45 hours of intensive training to become qualified to conduct a class.

Thirty of these hours were taught by three Sandia Corporation employees already qualified as instructors—Howard Westgate 1613, Larry E. Snodgrass 2581-2, and M. E. Drummond 5242-3.

The final 15 hours of training were given by Hi Vincent, American Red Cross field representative and an expert in first aid instruction.

The training qualified instructors to teach both standard (beginning) and advanced courses in first aid.

Men who received the instructor training are:

James V. Neeley 1471-1, Richard R. Czermer 2531-2, G. W. Van Gundy 2531-4, Charles R. Cundiff 2551-2, D. C. Robertson 2581, M. W. Tippy 3211-1.

George T. Chapman 4153, Anton J. Peterson 5213-4, Richard L. Shaum 5221, James T. Brown 5511, Dennis L. Vath 5523-3.

Charles S. Stack 7231, Grant M. Johnson 7232-2, Charles K. Reed 7241, Floyd C. Elder 7242-2, Harvey W. Tappan 7411-4, James J. Wincek 7411-4.

The following men had taken the training before and completed this course to requalify as instructors:

John A. Hardin 1214, Henry A. Tendall 1215, H. R. Sheppard 1441, Frank C. Low 1612, Elliott W. Harris 2462-1, James A. Kenagy 2511-1.

The close of the training course for instructors was marked with a meeting at which Max H. Howarth, Sandia Corporation Vice-President and General Manager, spoke.

Mr. Howarth, who has had extensive experience in Red Cross First Aid training with Western

Electric Company, said to the newly qualified instructors:

"You will receive your greatest gratification from being an instructor when one of your students saves a life through his first aid know-how."

The courses, standard and advanced, will be continued as long as sufficient numbers of employees enroll.

## Tech Writers Plan Ladies Night for Monday, April 16

To celebrate the recent acceptance of the Albuquerque Chapter of the Society of Technical Writers into the national organization, a ladies' night program will be held Apr. 16 in La Cana Room of the Coronado Club at 7:30 p.m.

Dr. Wayne Eubank, head of the UNM speech department, will address the group. He will discuss the principles of proper word usage.

The occasion is free to all members and one guest each. Any other persons wishing to attend may call Justin Heineman, 1723, or John Cowan, 1723, ext. 21148.

## Congratulations

### BORN TO:

Mr. and Mrs. W. F. Nielsen, 1433, a son, Joseph Roth, Mar. 18.

Mr. and Mrs. Charles Abeyta, 2711-6, a daughter, Julie Elizabeth, Mar. 17.

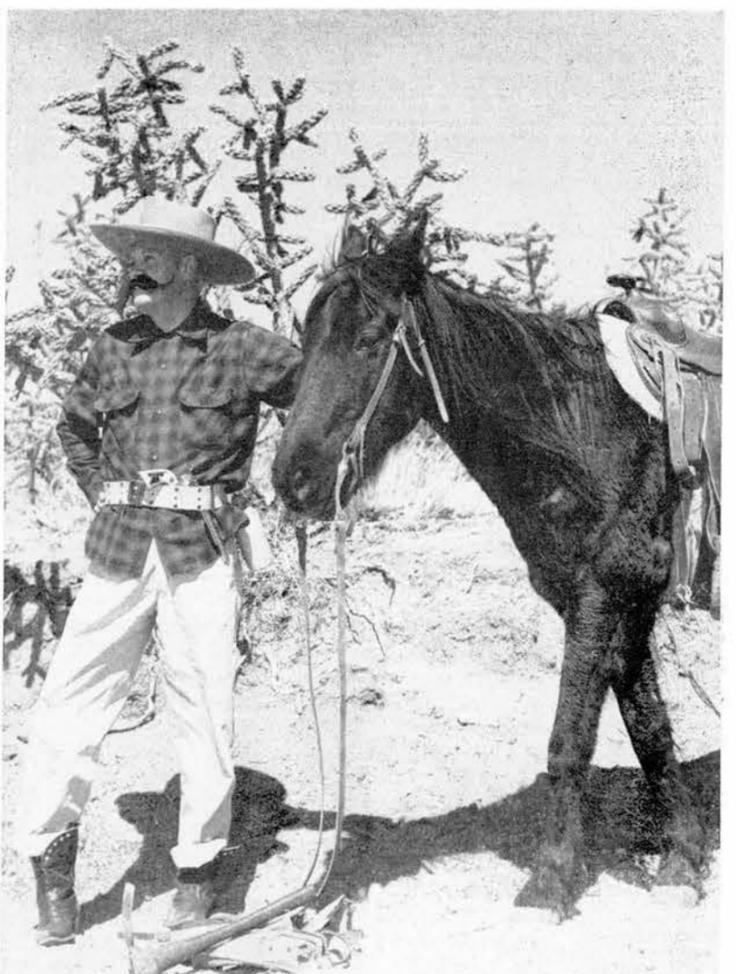
Mr. and Mrs. Julian Perea, a son, Frederick Russell, Mar. 5.

Mr. and Mrs. M. D. Bolton, 2124, a son, Mark David, Mar. 23.

Mr. and Mrs. B. E. Arthur, Jr., 2581, a daughter, Cathy Louise, Mar. 23.

Mr. and Mrs. Duane Hillard, 4113-1, a son, Gary Duane, Mar. 12.

Mr. and Mrs. Tom Garcia, 2351, a son, Michael Joseph, Mar. 20.



SAD SOURDOUGH—Milt Fellows, 3152, is looking wistful as he takes time out from his trek out to the hills. He's journeying to the Coronado Club and hopes to make it by Apr. 14 to emcee the big 49er's Gold Rush Party. Thoughts of lovely Can-Can girls and Monte Carlo Casino spur him on. Festivities start at 9 p.m. and cowboy duds are the order of the day.



Charles H. Boal  
2462  
Apr. 8



John Stamm  
7231  
Apr. 8



J. L. Hollenbeck  
1614  
Apr. 11



Otis L. Wright  
7200  
Apr. 15



William E. Rehbeck  
2723  
Apr. 17



Edmund J. Zachewicz  
2124  
Apr. 17



James E. Palmer  
5221  
Apr. 18

**ISA Meets**

Herman L. Williams, Reliability Evaluation Division, 5131, will speak at a meeting of the Instrument Society of America Wednesday, Apr. 18, at 7:30 p.m. in the UNM engineering warehouse conference room. He will discuss human engineering of commercial instrument scales.

Williams was graduated in 1949 from Ohio Wesleyan University with a BA in mathematics and physics. He has done graduate work in psychology at UNM.

**Analytic Geometry Course Being Given Outside Work Hours**

A noon-hour Analytic Geometry course will be taught in Building 880 beginning Apr. 11. The class will meet once a week for 52 weeks and will be the equivalent of a regular three-hour college level course.

Students will pay the instructor 50 cents a week for 10 weeks in advance, plus the cost of their text books.

Floyd E. Forsythe, 5242, will be the instructor. If interested, contact him at ext. 27132.

**2 AEC Officials Get New Posts**

William W. Juvenal, AEC Albuquerque Operations Office, has been reassigned as Director of the Department of Defense Relationships



W. W. Juvenal M. A. Rex

Division in the Office of Manufacturing, AOO.

Milton A. Rex has been appointed Director of the Storage Division, AOO, succeeding Mr. Juvenal.

Mr. Juvenal holds a B.S. degree from the US Naval Academy and an M.S. degree in Engineering from the University of Michigan.

He served as a Naval line officer in all grades, ensign to captain, before he retired in 1948 with the rank of rear admiral. He joined the AEC Office of Production Coordination at Albuquerque in 1951.

Mr. Rex graduated from the University of Colorado with a B.S. in Electrical Engineering in 1933. He entered government service in 1936 with the Soil Conservation Service. In 1942 he transferred to the Albuquerque District of the US Engineers.

In 1948 he joined the AEC in Los Alamos as an engineer, and later served in the Test Division before transferring to the Storage Division.

**Promotions**

GLENN O. FOLKINS to supervisor of Section 1463-1, Component Development Department I.

Glenn has been assigned as project engineer in this section since joining Sandia Corporation in June, 1953. He came here following graduation from Washington State College, where he received a B.S. degree in electrical engineering.



While a student there he worked as a technician in the Spectrographical Laboratory, Division of Industrial Research. He was elected to collegiate engineering honoraries Tau Beta Pi and Sigma Tau. He is presently a member of American Institute of Electrical Engineers.

Glenn served in an administrative capacity with the Marine Corps from 1946 until 1948 and again during the Korean conflict.

THURMAN H. MOYER to supervisor of Section 2713-1, New York area, Field Inspection Department.

Thurman's territory will include eastern states from New York to North Carolina, with headquarters in New York City. Since May, 1954, he has been Sandia Corporation representative in St. Louis, Mo.



Prior employment was in St. Louis, as tool inspection foreman with U. S. Defense Corp., machine parts inspector with McDonnell Aircraft, and tool and gage inspector with U. S. Cartridge Co. He spent one year as a process and source inspector with Union Carbide and Chemical Corp., Oak Ridge, Tenn.

After attending Missouri State Teacher's College, Thurman served a machinist apprenticeship at St. Joseph Lead Co., Fredricktown, Mo.

THOMAS J. HOBAN, JR., to supervisor of Application and Field Support Section 5215-2, Instrumentation Department.



A Sandian since December, 1950, much of his work here has been closely associated with telemetering. Since January, 1955, he has been in project division 5254, and prior to that, for almost two years, was supervisor of Air Force Operations Section 5254-1.

Tom is a graduate of the University of New Mexico with a B.S. degree in electrical engineering. He is a member of Sigma Tau, engineering honorary.

For three years he served with the Navy aboard the destroyer USS Rooks which sailed Pacific waters.

JOHN P. CAVANAUGH to supervisor of Financial Division 6021, Financial Department.



John's initial job with the Corporation in 1950 was in disbursement auditing, where he remained until 1953 when he became supervisor of Cash and Paymaster Section, 6021-1, Financial Division.

Following graduation from Duke University with a B.A. degree in economics, John joined the accounting department of Swift and Co., Des Moines, Ia., and attained a supervisory position during 10 years with that firm.

While serving four and one half years with the Army Infantry, he was stationed in Italy and France.

JOHN E. HAALAND to supervisor of Technical Training Division 7113, Weaponry Training Department.



John began his Sandia service in this division three years ago as an instructor. He spent the five years before that at Sandia Base—one year as a Civil Service physicist with AFSWP, and four years with AFSWP as a radiological defense officer and electrical supervisor.

John enlisted in the Army in 1941, was commissioned in 1942, and participated in the Italian and European campaigns with the 36th Infantry Division.

Upon return to the states, he took post graduate work at New York University, receiving his master's degree in physics in 1948. His B.A. in chemistry, mathematics and education had been earned earlier from Augsburg College, Minneapolis.

After obtaining his bachelor's degree, he taught secondary public school in Crosby, N. Dak., until entering service.



COOKIES ANYONE? Girl Scouts in Albuquerque begin door-to-door sales of cookies tomorrow to raise funds for camping facilities in the Jemez mountains. Brownie Scout Karon Spence, daughter of Robert C. Spence, 5222, is offering the cookies while Senior Scout, Beth McRae, daughter of J. W. McRae, president of the Corporation, and Intermediate Scout Anne Viney, daughter of Howard E. Viney, 7310, smile approvingly.

**Local Girl Scouts Sell Cookies to Raise Funds for Jemez Mountain Camp Site**

This is another in a series of articles telling about the agencies of the Albuquerque Community Chest, and the help Sandians are providing in the year around work of these organizations.

Tomorrow the first door-to-door Girl Scout Cookie sale in Albuquerque gets underway with more than 2,000 girls from 200 troops ringing doorbells to raise funds for a greatly expanding Girl Scout camping program.

As an agency of the Albuquerque Community Chest, the Girl Scouts received \$22,670 in 1955 which was budgeted to provide salaries for three professional workers and for clerical help to maintain office facilities, and to provide funds for Girl Scout Day Camps and established camps. All other services and personnel of the Girl Scout organization are on a volunteer basis.

Cookie sale revenue will go exclusively for camping facilities at Camp Elza Seligman in the Jemez Mountains. Additional facilities and improvements will be built at the camp to allow more girls to attend.

The camp provides outdoor living and recreation, hiking and horseback riding during the summer. Girls attend in continuous sessions of two weeks each, about 65 girls each session.

Many Sandia employees and wives contribute volunteer services to Girl Scout organizations, according to Mrs. R. E. McCallum, Sandia Base Neighborhood chairman. Among those holding offices in the Girl Scouts are Mrs. Donald Fossum, president of the Trefoil Club, city-wide organization of all Girl Scout leaders.

**Troop Leaders**

Troop leaders in Sandia Neighborhood are Mrs. Frank Emig, Mrs. J. C. Russell, Mrs. Harold Rarrick, Mrs. E. C. Peterson, Mrs. J. H. Johnson, Mrs. R. H. Rector, Mrs. A. F. Hurford, Mrs. S. C. Hight, Mrs. A. S. Hayes, and Mrs. J. H. Findlay.

Mrs. R. C. Spence is Troop Organizer for Sandia Neighborhood.

Troop Committee Chairmen are Mrs. E. I. Bruce, Mrs. C. W. Campbell, Mrs. L. W. Shulz, Mrs. I. M. Cowles, Mrs. Nicholas Sannella, Jr., and Mrs. W. O. McCord.

Many other employees and wives contribute to Girl Scout activities

throughout the Albuquerque area.

Group activity of the Scout program gives the girls a guided recreation program, develops social confidence and leadership qualities, provides a sound basis of citizenship, offers a practical code of conduct and develops appreciation and knowledge of nature, art, health, home-making skills, literature, dramatics, music and dancing.

The program is divided into three age groups. The youngest from 7 to 10 years are Brownies. The Intermediate program includes girls from 10 to 14. Senior Girl Scout ages are 14 to 18 years.

**J. R. Coley Talks On Heat Induction To ASM Section**

Albuquerque Section of the American Society of Metals will meet at the Chinese Village Apr. 19 for

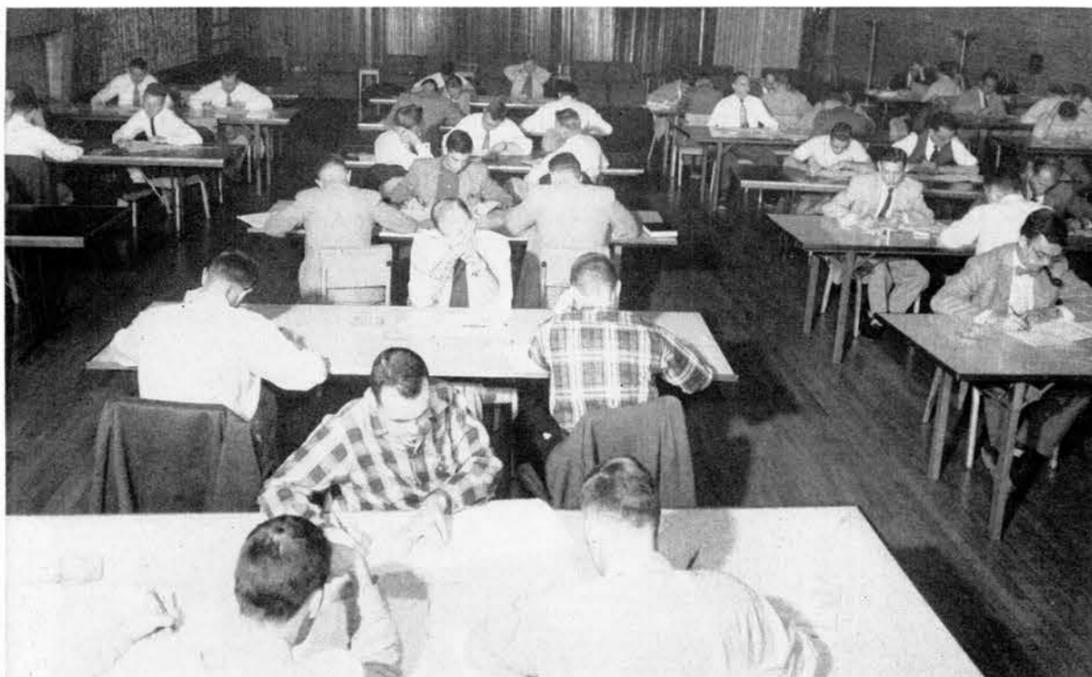


J. R. Coley

dinner and to hear an address by James R. Coley, secretary and sales manager of the Ajax Electrothermic Corporation, Trenton, N. J. Dinner will be served at 6:45 and the technical session will begin at 8 p.m.

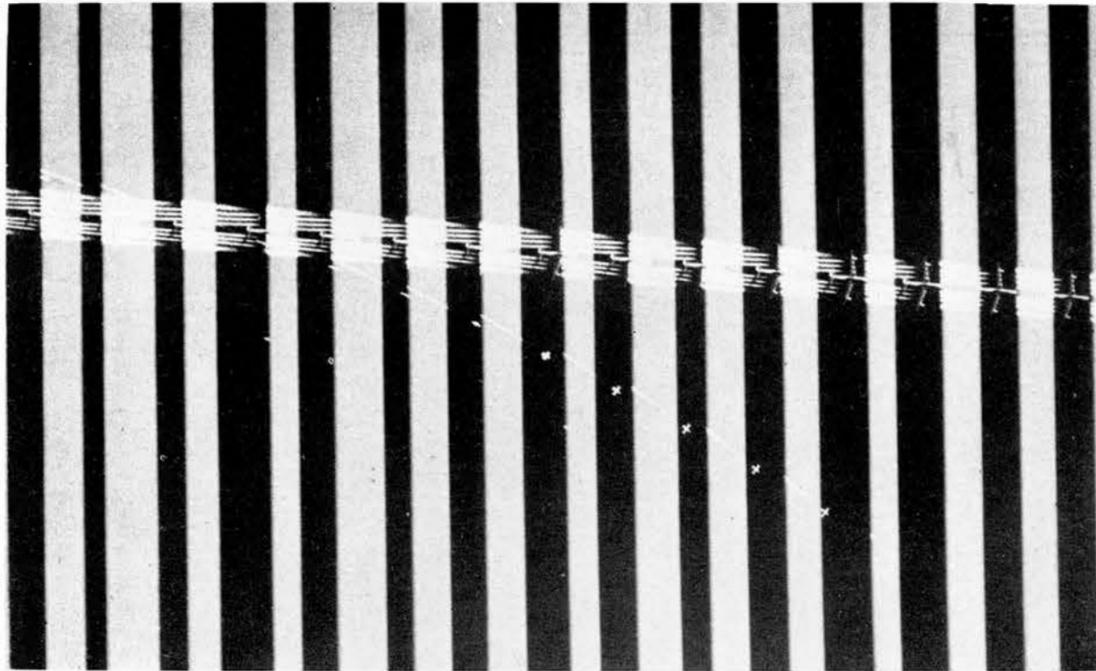
Mr. Coley will discuss "Induction Heat, Production Tool for Metallurgists." He was chief designing engineer for Dr. Edwin F. Northrup who invented the high frequency furnace.

Coley has contributed original design work for installation and planning of advanced Naval base foundries, Army mobile field repair depots and the centrifugal casting of gun barrels. He has done special work for the AEC on many of the research and production plants now operating in the US.



ENGINEERS WRITE—A large group of Sandia Corporation engineers recently participated in an engineering graduate research project when they took a series of tests at the Coronado Club. Pictured here are some of the men who took the tests which helped

produce statistics on personal qualities, aptitude and interest. Results of the tests are not available to Sandia Corporation, but are being used by the Educational Testing Service, Princeton, N. J. The examinations were given by the Personnel Department.



SECTION of ballistic camera plate shows a B-36 bomber just after releasing the bomb (lower white dot) and also a chase plane following the dummy bomb. Camera takes over to record bomb's fall.

# Cameras Record Behavior of Weapon After 'Bombs Away'

The following is a paraphrasing of an article in the March issue of Industrial Photography written by Ben C. Benjamin of the Optical Measurements Division, 5216, and George A. Economou, formerly of Sandia Corporation.

Some years back a problem confronting Sandia Corporation field test scientists was: "How can we get an accurate report on what a bomb does between the time it leaves the airplane and the moment it strikes the earth's surface?"



Ben C. Benjamin

Sandia Corporation's Salton Sea Test Base in California is a favorite site for ballistics, or non-explosive drop tests. The weather in Southern California is usually excellent for photographic work, and the visibility is normally good. In addition, the site has the advantage of being below sea level, thus permitting the study of trajectory not only to but actually below sea level.

The problem was solved by the usual un-dramatic, yet fascinating, ingenuity found in Field Test engineers.

### Cameras Do It

They adapted photographic equipment and developed new systems to give designers a second and third look at their creations in action.

It takes less than a minute for a bomb to fall to the earth from the altitude usually selected for

test drops, so infinite care had to be taken to see that the cameras would tell the story. Even experimental "dummy" units are expensive, painstakingly prepared, and not available in quantity. Time is a big factor, too.

Field Test engineers in the Optical Measurements Division of the Instrumentation Services Department, 5210, use four basic types of optical instruments at Salton Sea in recording the ballistic performance of experimental "shapes" dropped there: aircraft instrumentation, theodolites, tracking telescopes and ballistic cameras.

In aircraft instrumentation small cameras are carried by the bomber or in wings of a chase plane. Normally about 25 per cent of a bomb's trajectory can be recorded by the chase plane before the falling missile gets out of range of the cameras.

### Theodolite Tracking

The Cine-theodolite combines a motion picture camera and a surveyor's-type instrument which measures azimuth and elevation angles. The photograph shows the object being tracked and its position relative to a cross centered on the film.

Azimuth and elevation location of the bomb are recorded in the upper

**BALLISTIC CAMERA** is one type of optical instrument used to record "drops" at Salton Sea Test Base. Picture at top of page shows type of photograph taken.

corner of the photo.

After completion of the test the pictures taken are developed and sent to the data analysis group at Sandia. The information recorded on the film includes azimuth angle, elevation angle, time measured from the bomb release, tracking error (the distance from the cross to bomb), and frame number.

The data is punched into cards after which the trajectory of the bomb is automatically plotted.

### Ballistic Behavior

Ballistic cameras on the ground are used to determine the bomb's precise behavior before and during release.

These cameras record on a 14 in. by 17 in. plate a series of photographic images of the aircraft and the bomb. A masking curtain in the camera obscures all but a small slit of the photographic plate and a special shutter exposes this strip at one to four times per second.

The speed of the aircraft prevents double exposure and the result is a series of images on one plate.

### Tracking Telescope

One of the most intriguing optical instruments used at Salton Sea Test Base is the tracking telescope mounted on a modified Navy twin 40 mm anti-aircraft gun mount.

## Naval Reservists Hear Lectures on Nuclear Reactors

R. E. Butler, supervisor of the Nuclear Division of the Quality Engineering Department, 5524, is currently giving a series of talks on nuclear reactors for the Naval Reserve Research Company 8-7 at the USNR Training Center. The next talk is scheduled Apr. 25.



R. E. Butler

Mr. Butler will discuss aspects of reactors used for propulsion, the problems of design and construction that have to be overcome before reactors can power aircraft and rockets.

The talks are part of the training program of the Naval Research Company which is concerned with all technical subjects of interest to the Navy. Each training session features an address by some authority on a technical subject.

Mr. Butler is executive officer of the company and holds the rank of Lt. Commander in the naval reserve. Lt. Commander George F. Dickins, 1732, is commanding officer of the unit.

A camera on the mount records the entire drop operation at 100 frames per second. A camera which exposes 2000 frames per second may be used for slow motion study of specific events in the bomb's trajectory.

The gun mount is controlled by an operator manipulating wheels controlling a hydraulic system. Because of the extreme focal lengths (the distance from the lens to the film) great precision is needed or the image will be blurred.

Heat is intense at Salton Sea Base much of the year and causes expansion of the telescope tube which would result in distortion of the image if it were not for ingenious devices as Invar calibration rods which measure and correct this effect.

### Records Preserved

Through the use of these four types of optical instruments Sandia's field test engineers have been capturing and preserving records which show ballistic behavior of dummy bombs. Other methods are used to gather additional performance data such as automatic radios placed within the bombs to transmit data to telemetry receivers on the ground as they fall.

In a future issue the Lab News will report on the use of electronic instrumentation in the development of better and more reliable weapons.

## Climbers to Tackle Enchanted Mesa

New Mexico Mountain Club members will attempt a climb to the top of Enchanted Mesa Apr. 8 under the leadership of Zelma Beisinger, 5123. There will also be hiking around the area, which is located 60 miles west of Albuquerque.

The meeting place is Nob Hill Drug, 3500 Central SE at 8 a.m. Reservations are not necessary.

**Professional R Group E Activities**

### Information Theory

The Professional Group on Information Theory is meeting Apr. 11 at 8 p.m. in Rm. 218 of Mitchell Hall, UNM. Dr. B. L. Basore, 1431, will discuss work now being done in teaching machines to recognize communications patterns through information theory.

### Antennas—Microwave

A joint meeting of the Groups on Antennas and Propagation and Microwave Theory and Techniques is scheduled Apr. 10 at 8 p.m. John R. Ames, 5412, will discuss "Microwave Telemetry: Advantages and Problems." The meeting will be held at his home at 214 Sierra Drive SE.

## G. I. News—

### From Sandians in The Armed Forces

Walter E. Myers, formerly of 2140 and now on military leave, was recently graduated from pre-flight school at Lackland Air Force Base, Tex.

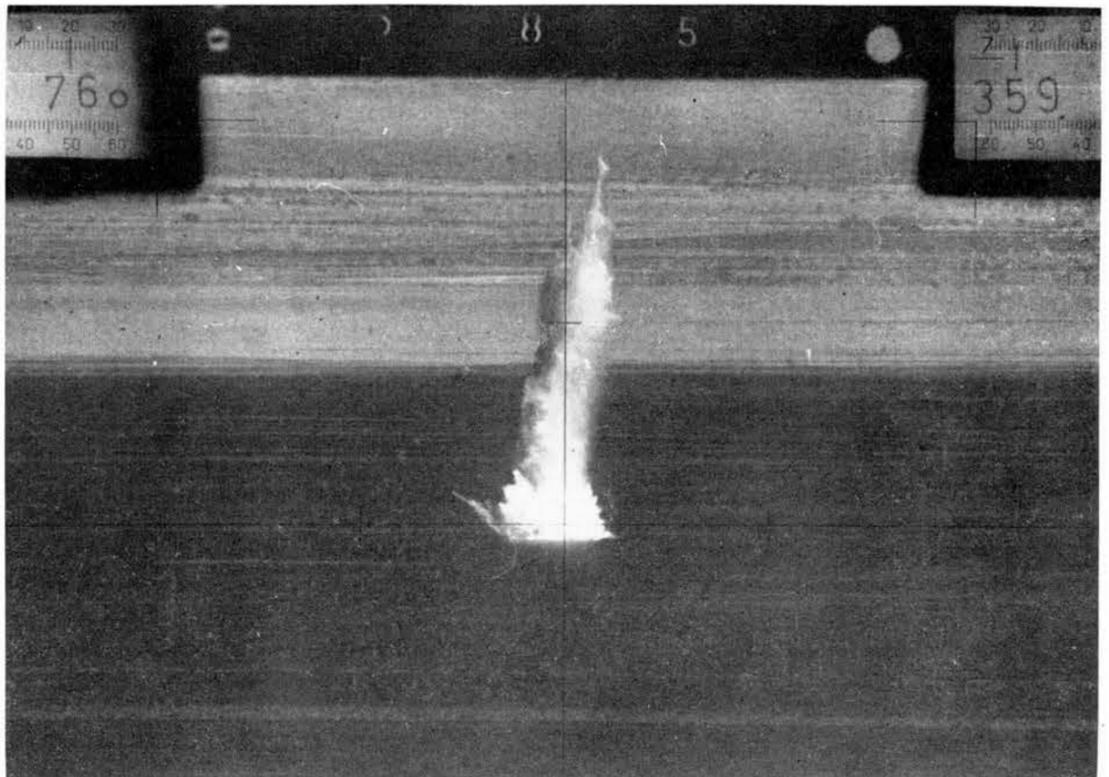
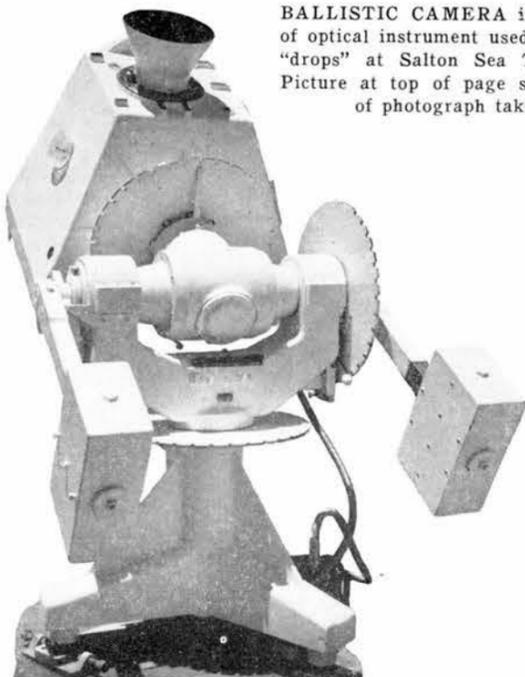


After spending the week ending Mar. 18 in Albuquerque with his parents, he is continuing his flight training at Stallings Air Base, Kinston, N. C. His address is:

A/C Walter E. Myers  
AD 25641843, Class 57-K  
Box 783  
Stallings Air Force Base  
Kinston, N. C.

A new address has been received for T. D. Lindgren, former staff member in 5523 who entered military service in March:

2nd Lt. T. D. Lindgren  
Co. "O" TES 9829 TU  
Class No. 14, EOBC  
Ft. Belvoir, Va.



SINGLE FRAME from Cine-Theodolite shows azimuth and elevation angles and splash from bomb impact in the waters of Salton Sea. Field Test Engineers have helped to work out many problems.

# shopping center

## CLASSIFIED ADVERTISING

Deadline: Friday noon prior to week of publication.

### RULES

1. Limit: 20 words
2. One ad per issue per person
3. Must be submitted in writing
4. Use home telephone numbers
5. For Sandia Corporation and AEC employees only
6. No commercial ads, please

Next Deadline: Noon, Apr. 13

## FOR SALE—

SHOTGUN, 12 gauge, single shot, \$15. Cook, Alb. 9-3036.

TRAILER, 2-wl., steel, factory built. Stone, Alb. 6-9709 after 5:30.

2-BR. HOME, NE Heights, walled, landscaped, carport, \$7950. Rakes, Alb. 9-1256.

PIANO, mahogany, upright, Lyon & Healy, \$250. Crow, Alb. 9-5781 after 6.

PIANO, upright, \$195. Robinson, Alb. 9-0971.

'52 MG Sports Car, rebuilt engine has 2000 miles. Denison, Alb. 5-3535.

'48 BUICK convertible, power top, windows, seat, new battery & plates. \$300 or best offer. Frenkel, Alb. 9-3258.

DIVAN, Lawson, opens with double bed, \$39; typewriter, \$35; chest \$10; lounge chair, \$20; oak table, \$15. Janza, Alb. 9-2866.

DRYER, Westinghouse, used 2 months, \$100. McKay, Alb. 6-2592.

DIVAN, Sultan; 17" TV. Shea, 201 Wyoming SE No. 40.

WASHER, '51 Norge, wringer type, w/pump & timer, \$25. Souza, ext. 33282.

STOVE, gas, 4 burner, divided top, thermostatically controlled oven, broiler, used 2 1/2 yrs., \$45. Stang, ext. 36279.

GOLF BAG, 5 irons, 2 woods, 4 balls, \$30. Hernandez, Alb. 6-5000.

ROCKER, \$25; chest of drawers, \$10; 3/4-rollaway bed, mattress, \$25; studio couch, \$18; bookcases, table, lamps. Flanders, Alb. 2-2578.

LAWN MOWER, power, 18" B & S 4 cycle motor, conventional type, adjustable to 2", \$60. Felzman, Alb. 4-2029.

1-BR. HOUSE, furnished, carpeted, w/den, drapes, hi-fi, air conditioning, wall, patio, landscaped. Prentice, Alb. 9-1285 after 6.

'50 FORD pickup, 1/2 ton, 4 speed, R&H, snow tires, \$400. Dempsey, Alb. 4-8185.

3-BR. HOUSE, 1 1/4 bath, hardwood floors, fireplace, dining room, utility room, 2 patios, wall. Reed, Alb. 5-7457, 3128 Valencia NE.

2-BR. HOUSE, \$1000 down, \$8750. Beam, Alb. 4-1659, 5013 San Luis NW.

PISTOL, .30. Machine, Mauser, w/ammo. \$40; Colt Frontier, \$50. Zaluga, Alb. 4-1564.

HEADBOARD, 54", unfinished; Dressing table, 6-drawer, mahogany; Roaster, electric, Westinghouse. Luckett, Alb. 6-2346 after 5:30.

STATION WAGON, '55 Plymouth Plaza, take over payments, want older car for my equity. Baca, Alb. 4-5462.

WINDOW FAN, Homart, 20" blade, 1/6 HP motor, belt driven, \$30. Petrone, ext. 45194.

TRAILER, camping, folding tent type, sleeps 4, \$65. Allaire, Alb. 9-0888.

TIRES, 600 x 16, 4, new, W.S.W. Miller Premium, \$80 or trade for ?? Aaron, Alb. 3-4684.

POWER LOWN MOWER, reel type, 18" cut, \$30; Bicycle, girls, 26", \$7. McClure, Alb. 6-0369.

TV, 17", table model, Admiral, \$40. Yolanda, Alb. 6-5522.

HI FI SPEAKER, 12" GE \$1201-D, 6 Cu. Ft. bass reflex enclosure, \$29.95. Bircher, Alb. 5-0332.

LAWN MOWER, used about a month, \$10. Richardson, Alb. 4-4324.

BICYCLE, boys 26", English, 3-speed, \$25. Olajos, ext. 3-5164.

'41 CHEVROLET coupe, R & H, \$125. Smith, Alb. 2-3475 after 6.

BABY CARRIAGE, \$10; bed, \$15; play pen, \$7; bassinets, \$5; chairs, \$1 ea.; car bed, \$3; swing, \$8; everything, \$45. England, Alb. 9-4716.

AIR CONDITIONER, evaporative, 1/2 cost new, \$80. Coleman, Alb. 5-7480.

CAMERA, Leica IIIF, f 3.5 Elmar lens, \$167.50. Goldenberg, Alb. 9-4458.

SPRINGS, innerspring mattress, \$20; studio couch, \$40; window air conditioner, \$25. Nassy, Alb. 9-3663.

BABY BED, Poland, Alb. 6-0574.

METAL LATHE, 6", Craftsman, thread cutting, 18" between centers, attachments, motor, bench, \$115. Shew, ext. 22156.

'47 PONTIAC, 4-dr. Williams, Alb. 4-1000.

PISTOL, Officers' match, Colt 38 special, holster, cartridge holder. Dudgeon, Alb. 6-8492.

GAS RANGE, Universal Deluxe, \$100. Kelly, Alb. 5-7226.

TV, 17", Magnavox, phono, FM-AM radio, mahogany, \$150; Floor polisher, Regina, \$35. Ross, Alb. 9-1526.

AUDIO OSCILLATOR, 20-200,000 cycles, continuously variable, \$20; Power supply, 2 D.C. outputs, A.C. output, cabinet, ammeter, volt meter, \$25. Sinnott, Alb. 9-1300.

2-BR. HOME, attached garage, frame stucco, hardwood floors, S. Hermosa. Cherb, Alb. 9-0949.

WASHING MACHINE, apt. size. Flowers, Alb. 6-1655.

GAS RANGE, 4 burner; 2-BR. House, hardwood floors, patio, \$750 down. Reck, Alb. 4-4123.

SCOPE, Unertle, 20"x1 1/2". Johnson, Alb. 9-1953.

2-BR. HOUSE; living room suite; 19 cu. ft. freezer, Maytag; sell or trade. Skelley, 447 Louisiana SE.

COOKING UTENSILS, Rena-Ware, complete set, \$75; Rug, wool, 10 x 12 pad, \$75; kitchen table, 2 chairs, \$15. Shinn, Alb. 9-0010, after 5.

5-RM. HOUSE, newly decorated, on bus line, sale or rent. Daily, Alb. 3-4653.

## FOR RENT—

2-BR. HOUSE, unfurnished, garage, den, stove, refrigerator, w/w carpet, ready after Mar. 24, \$90. Pena, Alb. 2-6707, 1110 Princeton NE.

3-RM. APT., unfurnished, new, range, water & garbage pd., \$60. Cockran, Alb. 2-1869, 522 14th NW.

3-BR. HOUSE, new, 1 1/4 bath, close to bases, schools, shopping, \$95. Thompson, Alb. 9-3416, 533 Georgia SE.

2-RM. & 3 RM. APTS., furnished, yard. Palmer, Alb. 3-7087, 845 Hardy SW.

## WANTED—

PLAYPEN & high chair. Fackelman, Alb. 6-7446.

GARAGE to rent in vicinity of 9800 Woodland NE. Barger, Alb. 9-0439.

JOIN CAR POOL from Princess Jeanne Park to 802. Williams, Alb. 9-3833.

RIDE, from Wildwood Lane SW (Goff or Tapia) to 894. Luxford, Alb. 3-5917.

RIDE from vicinity Carlisle & Gibson to 880. Kay Flanary, ext. 29163 or 26152.

OLD GUNS. Zaluga, Alb. 4-1564.

BACHELOR to share my home, private room, garage, \$45. McDonald, Alb. 6-7108, 216 Amherst SE.

HOMES for kittens, available April 21. Johnson, Alb. 5-8851.

RIDE or form car pool from vicinity Columbia & San Rafael SE to 800 or gate 3. Church, ext. 48232.

MEMBER for car pool, West Mesa to West Tech. Area gate, Waldorf, Alb. 2-8303.

WOOD LATHE or misc. tools. Crocker, Alb. 4-2098.

WOMAN to care for 2 children in my home. Fitch, Alb. 5-5335 after 6.

## MISCELLANEOUS—

TRADE, Target rifle, .22, Mossberg 44LS, Lyman 57 micro sights, sling, for Winchester 97 12 gauge shotgun. Harden, Alb. 5-9716.

TRADE, 27' house trailer, modern masonry, clear title & cash, for metal trailer. Sloan, Alb. 5-0033.

TRADE, valve hand seat, Black & Decker grinder, or refacer with attachments, for boat. Albarez, Alb. 2-3821.

WILL CARE for children, day, week, month, walled yard, play equipment. Park, Alb. 5-1392.

LOST, cuff link, gray, knight on horseback, vicinity 880-892. Archuleta, Alb. 3-0750.

LOST, 2 watches, in jewelers envelope; cameo; keys; gloves; knitting needles, yarn; wallet, brown. Lost & Found, ext. 2-6149.

FOUND, lighter, engraved; class ring, '53; compact, white flowered; keys; Masonic tie clasp; goggles, case feather spec; gloves; glasses, ladies', amber, brown; earrings; hats; safety glasses, case; car muffs, red; scarf, cotton; bicycle, 26", blue & white, Western Flyer. Lost & Found, ext. 2-6149.

## Sandian Speaks to Safety Organization

A. Burton Metzger, Sandia Corporation Safety Director, will speak to the Federal Safety Council Apr. 10 on "The Effects of Electrical Shock on the Human Body." The talk will be at 2:30 p.m. in the Sandia Base Theatre before safety representatives from government agencies in this area.

The talk will include a discussion of the latest methods of reviving victims of electrical shock as well as some unusual "non-current-carrying hazards" encountered when performing electrical and electronic operations.

## Basketball Champions

# 2700-AEC Team Wins Tourney



UNDEFEATED IN LEAGUE PLAY after a series of 17 games, the 2700-AEC team was awarded the Sandia Basketball Association championship trophy. Left to right, first row, are Jack Burke, Jerry Olguin, Dave Hill, manager of the team holding the trophy, and Harold Thomas. Standing are Manuel Gallegos, Lester Dassofo, Bob Mikkelson and Nick Pavletich.



SPORTSMANSHIP AWARD—The 1400 (5300) team of the Sandia Basketball Association was chosen by referees and scorekeepers as the team displaying the best sportsmanship in the league. Their 15 lost—2 won record is consoled with the large sportsmanship trophy displayed here by Leo White, manager. Others in the first row are M. J. Madlener, left, and Bill Shepard, right. Standing are H. D. Reed, Mel Chaney, John Van Dreid, Everett Westfall, Bob Fox and Hank Hofing. Not present for the picture was Ken Gillespie.

## Dailey Top Scorer As Basketball Season Closes

Lee Dailey, a draftsman in the Standards Engineering Department, outscored all other players to come out top man in the Sandia Employees Basketball Association. He earned a total of 322 points for his team, 1600-I, and averaged 21.5 points per game.

Dailey finished league play by compiling a record of the highest total points in a single game this year when he scored 34 points against the 2300 team.

Only once in 15 games was he held below 15 points per game. The 2500-3100 team managed to limit him to 10 points.

Lee was 80 points higher than his nearest competitor.

The standings are:

Name	Team	Total Points	Average Per Game
Lee Dailey	1600-I	322	21.5
Mal Woodward	2400-II	242	15.1
Jerry Cole	2100	227	13.3
Eloy Barela	2100	220	14.6
Arnold Schuknecht	3100	215	16.5
Harold Thomas	2700	215	13.5
Lee Pierce	7200	189	14.5
Max Hodge	4100	179	12.7
Don Gregson	7100	173	12.3
Jerry Olguin	2700	171	11.4
Val Black	1200	161	11.5
Dick Martindell	1400(5400)	161	11.5



SECOND PLACE WINNERS in the Sandia Basketball Association went to the 2100 team with a record of 14 won, 3 lost. First row, left to right, are Art Menapace, Delbert Stewart, James Dickie, and Flavio Gonzales. Standing are Eloy Barela, Zachary Ortiz, Jim Gale, Tom Tormey and Jerry Cole.

Champ of the Sandia Employees Basketball Association is the 2700-AEC team that finished league play with a 17-won, no-loss record.

Included in the 17 wins was a thrilling 47 to 46 triumph over 2400-I, which placed third in the league.

Another tough one was with 7200 which gave the champs considerable trouble until the last few seconds when 2700 AEC managed to pull from behind and rack up a final score of 53 to 45.

Other than these two games 2700-AEC was never hard pressed during any of the league play.

Second place in the league went to 2100 with 14 won and 3 lost. One of their losses was a 37 to 56 defeat by 2700-AEC. The other two losses were upsets by 2500-3100 and 5500.

Third place went to 2400-I with a 13 won, 4 lost record. Their defeats were all by narrow margins at the hands of 7200, a close 38 to 41 score. 2100 scored 44 to 36 against them and, of course, the heartbreaking 46 to 47 with 2700 AEC.

The 2700-AEC attack was led by Harold Thomas, 2700, with a 13.5 point average per game followed by three team mates, Jerry Olguin, Nick Pavletich, both of 2700, and John Burke, AEC.

Burke was injured near the middle of the season and his scoring ability was missed during the latter half of league play.

Manager of the team was Dave Hill, 2700.

## Golfers Will Make Plans for Season At Monday Meeting

All golfers interested in participating in the 1956 Sandia Employees Golf League are urged to attend an organizational meeting Monday, Apr. 9, at 5 p.m. in Rm. 130 of Bldg. 880.

The agenda will include a discussion on the number of matches to be scheduled, when the matches are to be played (either 9 hole matches during the week or 18 holes on Saturday) and other matters governing the conduct of the league. League matches will be played on a handicap basis.

All Sandia Corporation and AEC employees are invited to participate. Additional information can be obtained from Bob Kelly, 7213, league secretary, ext. 22236 or Chet Forno, 5532, president, ext. 31235.