

Culvert to Mark Start of Dam

By TOM EGGLE

A culvert along the bed of Shaver Creek will be the first step in the construction of the Stone Valley Recreation area dam, according to Lawrence Perez, assistant dean of engineering and architecture.

The culvert must be built first so the water from Shaver

Girls May File Hall Preference April 6 to 17

All women who have not applied for reassignment to their present room and have not been assigned to a sorority suite may submit room preference applications from next Monday until April 17.

Upperclass halls for next year will be McKee, McElwain, Simmons, Atherton, Haller, Cooper, Cross and Hubbs. Room preferences should be designated on housing contracts and roommate requests submitted together.

Contracts for residents of Simmons, McElwain and Atherton Halls will be available Monday at the receptionist desk Women now in Haller, Hubbs, Cooper and Cross can pick up contracts at the Redifer post office, and students living in Grange and McAllister can get contracts in Graduate Hall.

Contracts are also available at the Assignment Division, 1-A Irvin.

They should be returned to 1-A Irvin in person or by mail by April 17 to be included in the drawing for waiting list numbers.

Representatives of Women's Student Government Association will conduct the drawing. Students will then be notified of their assignment. A \$10 room deposit must be paid within 10 days after the date typed on the notice.

SSS Forms to Be Sent To Boards on Request

Freshmen and sophomores who desire to have SSS Form 109, applications for draft deferments, sent to their local boards this June must request this at the Registrar's office, 4 Willard, by May 15.

Moon Beams Will Guide Spacemen

By JIM WHALEN

Space navigators approaching the moon for a landing are in for a joy ride if they can't calculate their position with the various phases of the moon's illumination—especially if the moon is full.

That was the warning given by Dr. Gerard Kuiper, director of the Yerkes and McDonald Observatories in Williams Bay, Wis., and Fort Davis, Tex., who spoke here last night.

The appearance of the moon is quite different with each phase of illumination and the full moon offers the greatest difficulty in interpreting a moon feature, Kuiper said.

Kuiper also warned against the use of an artist's interpretation of moon features in getting an accurate picture of what the moon looks like.

"Whenever you go beyond the use of photographs," he said, "you get into the realm of speculation."

Kuiper spoke in 121 Sparks last night on "Surface Features of the Moon." His talk was sponsored by the Graduate School Lecture Series and the Department of Physics.

Kuiper emphasized the importance of studying the moon in relation to the earth. He said understanding the relationship of the two bodies is an important

Creek will not interfere with construction of the dam, Perez explained.

The spillway for the dam will be built about the same time the culvert is being constructed as it will be on one side of the dam and its construction will not be hampered by water from the creek.

After completion of the culvert a strip beneath the center of the dam will be dug down to bedrock so that construction of the core of the dam can be started.

This core must be constructed from an impermeable material to prevent water from seeping through the dam. Perez said that the core of the dam will be made from a very fine clay that will prevent any seepage.

After this core has been built, workmen will pile dirt against each side of it forming the main of the dam. A stone face will be laid on the lake side of the dam so that waves on the lake will not wear at the dirt. This stone face will go from the top of the dam to about eight feet below the surface.

The top of the dam will stand about 10 feet above the normal water level for protection against flash floods. The average depth of the dam will be about 17 feet with a maximum depth of 30 feet.

Perez also said that help is needed to pick up the area that will be under water. He said that debris left in the area will only make the water dirty for a long time after the dam is completed. He expressed hope that this help might arrive with the coming of Greek Week.

Pittman to Give Lecture On Picasso, Chardin

"Picasso—Chardin, A Comparison" will be the subject of a lecture by Hobson Pittman at 8 tonight in the Mineral Science Auditorium.

The lecture will be presented as a part of the opening of an exhibition of paintings by Pittman. The exhibition will continue until May 5 in the Hetzel Union Building.

University Publishes Prof's Book

A collection of poems, "Mosaic and Other Poems," by Dr. Frederic Will, has become the second book published by the University Press.

Will is assistant professor of classical languages at the University.

In this latest collection Will has drawn from the techniques of modern poetry only what he considered essential to express his own experiences. The result is described as "romantic poetry adapted to the emotional climate of the 20th century, poetry that avoids any sentiment which might hide its object, at the same time remaining faithful to the emotional reality of life."

He is the author of "Intelligible Beauty in Aesthetic Thought" and of numerous articles and poems. At present, he is writing a book on modern Greece.

Born in 1928 in Connecticut, Will spent his youth in Illinois, Arizona and Indiana. He was graduated from Andover Preparatory School and Indiana University and completed work for his doctorate in comparative literature at Yale University.

The recipient of two Fulbright grants, he has studied in both Greece and Germany, has taught at Dartmouth and at present teaches Greek and Latin at the University.

Speaker to Cite Scientists' Duty

Dr. Victor Paschkis, director of the Heat Flow Laboratory at Columbia University, will speak at 8 tonight on the question, "Is the Scientist Responsible for the Consequences of His Work?"

The lecture, which will be held in the Hetzel Union assembly hall, is part of a nationwide tour sponsored by the Society for Social Responsibility in Science.

During the tour, Paschkis is traveling about the country engaging scientists in a discussion of their responsibility for the social and ethical implications of their work.

During the past summer Paschkis conducted a similar tour in Europe.

The lecture is sponsored locally by the Committee on Interreligious Affairs and the State College Friends Meeting.

Safety Division Staff To Inspect Buildings

The University's safety division is in the midst of conducting routine inspections of all campus buildings, Elwood F. Olver, director of the Department of Security, said yesterday.

Members of the safety division staff are inspecting buildings for general good housekeeping practices. They are checking for rubbish, inflammable waste and other combustible items which may be stored in the buildings, Olver said.

As another precautionary measure, fire doors in the buildings will hereafter remain closed to provide the protection for which they were designed. Various devices used in the past to hold the doors open will be removed.

University employees have been instructed to see that the doors remain closed.

The fire doors are now being held open by a chain. One of the links of this chain is made of solder and when it is heated it will break and the door will close. Fire doors in public buildings are used to reduce the effects of drafts in the stairwells and thereby provide a safe exit for occupants of the building.

Three departments—the Department of Security, the Department of Construction and Planning and the Department of Maintenance and Utilities, made the ruling at a meeting Wednesday. The new measure is in line with the Pennsylvania Department of Labor and Industry's current fire hazard inspection of school buildings.

More than 60 persons concerned with the safety work at the University attended a safety conference held Wednesday night. The

program included a discussion on "Our Safety Philosophy" by Albert E. Diem, vice president for business administration, and an address on "What's New in Safety," by Amos E. Neyhart, administrative head of the Institute of Public Safety.

Wimer to Open Marriage Talks

William Wimer, of the Department of Family Life of the United Church of Christ, will present the first in a series of three lectures on preparation for marriage at 8:30 tonight in the Helen Eakin Eisenhower Chapel lounge.

Wimer's topic will be "Is Love Enough?" After his talk discussions will be held in six smaller groups led by faculty members and ministers.

The remaining lectures are scheduled for the following two Fridays. The Rev. Richard Batchelder, of the Young Men's Christian Society at Carnegie Institute of Technology, will speak on "What Is a Man's Place in the Home?" on April 10.

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phase of work of the geophysicist in interpreting the history of the earth and the solar system.

With the use of slides, Kuiper explained the origin of various moon features such as "lava blisters," "sea basins," "dead volcanoes and mountain ridges.

Because of the absence of erosion, except heat erosion, the moon is a fossil record of some 5 billion years.

Kuiper said that at the time the moon was formed there was a period of tremendous internal heat. The steam that escaped and the heat on the surface gave the moon at that time a brittle surface. Many craters were formed on this surface.

The slope of the craters indicate that they were formed by impact rather than gathered debris.

He said a bulldozer that lowered the walls of a crater into the center would be merely replacing an equal mass that had been displaced.

Kuiper said he has found no

evidence to uphold the findings of a Soviet scientist that there was an eruption of the moon.

He said that calculations have shown about 100,000 craters on the moon and that every 50,000 years a new one appears.

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