

Scientists Plan To Dig Deep Hole in Pacific Ocean Floor

By DELOS SMITH
UPI Science Editor

New York — (UPI) — One more preliminary remains before science begins drilling a very deep hole into the ocean floor. To many this drilling will seem only a lot of work but to scientists it is a grand venture into the unknown depths of the earth, opposite to but just as exciting as space exploration.

Three scientists intimately involved have disclosed to their colleagues that this preliminary will be taken care of early in the new year, and then they'll be off figuratively for way down under. They spoke at the meeting of the American Association for the Advancement of Science.

The preliminary is a final

testing of equipment and techniques. It will involve drilling several holes into the ocean floor beneath 12,000 feet (approximately two miles) of water near Guadalupe Island off the Pacific Coast of Mexico. These holes will be relatively shallow.

Six Miles of Drilling

The real business hole will be 15,000 feet deep and will be drilled under 15,000 feet of water. That adds up to almost six miles of drilling (since the depth of the water has to be counted in the depth of the hole) and it's approximately a mile deeper than man has ever penetrated the earth's surface.

The reporting scientists were Dr. William Bascom of the National Research Council, Dr. Gordon C. Lill of the Office of Naval Research, and Dr. Harry H. Hess of Princeton University. The project is sponsored by the National Academy of Sciences and the

National Research Council and financed by the National Science Foundation.

The two groups announced in Washington that a \$736,750 contract for the test drilling has been awarded to the Global Marine Exploration Corp., Los Angeles.

Anchored Ship Used

The drilling will be done from an anchored ship. The rotary drills will be lowered to the ocean floor by cables and powered and serviced by hinged pipes and cables in the familiar techniques developed by oil well drillers both on land and in the shallow waters off the coasts.

There are theoretic formulations that the earth's core is liquid iron which is contained in a very hard and dense rock of even consistency — "dunite" — some 1,700 miles thick. The objective of the project is to get as close as possible to this dunite where it is pure and solid.

Such an accomplishment would contribute enormously to scientific knowledge. Hess counted on these unhatched chicks. The dunite, he said, may represent the line where the intense heat from the earth's core stabilized and

stood still for billions of years, thus giving rise to chemical reactions which eventually resulted in the creation of life.

The "cores" which the drills will dig out of the earth and bring to the ocean's surface should contain fossils of many kinds. These will be the ancestors of the fossils which have told science much about early forms of life. Naturally the fossils deep in the ocean's sediments will be even earlier.

Robert H. Grant Made New Partner In Kelly Law Firm

Bernard P. Kelly of the Medford law firm has announced his partnership with Robert H. Grant. Grant joined the firm early last year and has been Kelly's associate since that time.

It was also announced that the firm will move to new offices in The Mall, 1005 East Main st., from offices in the Gold building. The move will be effective Tuesday, Jan. 3.

The law firm will be known as Kelly and Grant.

This is the first time since the law firm was established here in 1908 by the late Edward E. Kelly, grandfather of Bernard Kelly, that a partner in the firm has not had the name of Kelly.

Joined by Son

The founder was joined by his son, now Circuit Judge Edward C. Kelly, in the practice of law in 1927. Edward E. Kelly died in 1938 and his son continued to practice here except for a few years in the 1930's and early 1940's that he was in government service.

In 1955 Noreen Kelly, now Mrs. Carl M. Salvett of Portland, joined her father in the practice of law. In 1957 Ber-

nard Kelly returned from service in the U. S. Army and for a short time the firm was known as Kelly, Kelly and Kelly.

The father withdrew from the firm following his appointment in 1957 as circuit court judge and early last year Miss Kelly left the firm upon her appointment as assistant attorney general in the trial division of the industrial accident commission.



GETTING A SNACK—Little Linda Comferman, 3, is one Christmas toy short as Pixie, an eight-year-old Boxer, gnaws away at thinking it a bone. San Quentin, Calif., home. Although Linda pleaded, Pixie kept on chomping at the pin until her plastic bowling pin in the yard of her (UPI Telephoto)

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OF SMITH & MEN

By Jack Smith
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This is the proper time of year to cast prejudice aside and give the world a fresh new look.

It would be interesting if everybody declared a moratorium on prejudice for a single year.

The world might be cured of its paranoia.

It won't happen, of course. It's hard enough, human nature being what it is, to give up even a minor prejudice for any length of time, such as hating pistachio ice cream. (It's too greenish.)

It's even harder to give up major prejudices, such as hating entire, sovereign nations, continents or archipelagoes.

I know a man who hates frozen cauliflower, the entire Eastern Hemisphere and all the Western Hemisphere south of the 30th Parallel North. He lives in Ellsworth, Me., which seems to have soured his outlook.

He claims he is sorry that his arbitrary prejudices happens to exclude parts of Texas, Louisiana and Florida from his favor, but he points out that you have to draw a line somewhere in this world. A prejudice isn't any good if you don't stick to it.

This man's prejudices may seem foolish. But he can't get rid of them. Every time he eats frozen cauliflower he hates it harder. This also makes him hate the Eastern Hemisphere harder. "Prejudices fatten on each other."

So I'm not making any resolutions to quit my prejudices deeper.

But I do hope to search them out, discover what they're made of, subject them to the light, and — if they are revealed as false friends — excoriate them.

Why is it that I don't especially like Eskimos? Is this a prejudice? I don't think so. I've read that they're a very warm, outgoing people.

There's no reason to dislike somebody simply because they're not exactly like us, is there?

But Eskimos are just a little bit too different, for my money. Let's say fate threw me in with an attractive Eskimo and we fell in love. Could we ever find happiness? I doubt it. It wouldn't be practical. Our cultures are too far apart.

You can't catch a fish by cutting a hole in a hardwood floor, and there's no place in an igloo to plug in an electric blanket. I respect Eskimos, but I don't understand them. Besides, whenever I get close to a Polar bear I get a stomach rash.

Nevertheless, now that I've brought it out in the open and given it an honest look, I find my prejudice against the Eskimo no longer has any meaning. I don't mind Eskimos a damn bit.

Eggplants are different. I can't stand eggplant. It's that name, for one thing. It's intrinsically hideous. But compared with the fruit it describes, it is a lovely euphemism, as sweet and graceful as a Chopin etude.

I have had eggplant baked, broiled, sauteed, chilled, on a casserole, creole, mashed, stuffed, steamed and left over in sundry disguises, and it is still eggplant — that loathsome ovoid, that purple object of revulsion.

It seems to me that a man who has given up hating Eskimos has earned the right to go on hating eggplant for one more year.

Anyway, it's a start in the right direction.

Tomorrow I'm going to try to figure out why I hate motorcycles.

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