

# Detection Tests Bear Fruit

## Ocean Bottom, Oil Wells Used for Experiments

WASHINGTON (AP) — Experiments with detection gadgets sunk thousands of feet deep on the ocean bottom or in abandoned oil wells eventually may help develop a system for detecting secret underground nuclear tests, a statement by Pentagon scientists hinted Saturday.

An announcement by the Advanced Research Project Agency said the current underground test series in Nevada has developed a considerable amount of new information which still is being assessed.

Continued research in earthquake effects and development of new techniques for detection now have begun to bear fruit, the announcement said.

The scientists, in talking to newsmen, cautioned against saying that any breakthrough in the over-all problem has been achieved. Research progress has been primarily in the technique of identification of seismic signals, to determine whether they come from earthquakes or nuclear explosions.

However, the announcement also discussed possibilities of extending several times the range at which seismic signals can be used for deciding whether a shockwave originated from explosion or earthquake.

Agency scientists have monitored the more than 40 underground shots set off in Nevada in the current series and compared them with recordings of hundreds of earthquakes.

A test shot in which a three-kiloton explosion was set off in hard rock was detected at 450 miles, the statement said.

But a much larger shot in alluvium—a soft material—was recorded at only 250 miles with required identification features.

Then the statement added: "With the improved sensitivities now forthcoming from the Vela Uniform program, it may become possible to extend this particular criterion—of identification—with some degree of reliability to distances between 1,500 and 3,000 miles from buried nuclear explosions in the low-kiloton range."

The new techniques and ranges mentioned conceivably could mean that underwater detection devices might eventually be developed which could be planted in the oceans bordering the Soviet mainland.

The announcement referred to one experiment in which seismometers were put down 4,000 feet on the floor of the ocean off Catalina Island, 300 miles from Nevada.

This experiment, the statement said, demonstrated "that these unique instruments are capable under some conditions of detecting seismic signals from underground nuclear detonations with a sensitivity comparable to that of conventional land installations."

And, the statement added, "With over 70 per cent of the world covered by international waters, the full implications of this new detection capability remain to be assessed."

The agency said it has determined that detection instruments can be used in abandoned oil wells at depths as great as 10,000 feet.

# Algeria Army Moves Into New Nation

## Force Is Backbone Of Dissident Chiefs

ALGIERS (AP) — Algeria's national army was moving into the new nation from east and west Saturday as the hard-pressed central government sought a reconciliation with its dissident deputy premiers, Ahmed ben Bella and Mohammed Khider.

The 45,000-man national army, stationed in neighboring Tunisia and Morocco during the seven-year-old Algerian war, is regarded as the backbone of the Ben Bella faction.

### Almost Total Breakdown

Algiers continued to flounder in an almost total administrative breakdown as the moderate regime of Youssef ben Khedda tried to stand firm against the revolt of its regular troops and all but two of the wilayas (zones) of the guerrilla army in the interior.

French sources said more than 1,500 men of the regular army formerly stationed in Morocco rolled into Tlemcen, 40 miles east of the border on the main highway to Oran. The troops encountered no opposition and were said to have been enthusiastically welcomed by the population.

On their advance, they passed through Marnia, Ben Bella's home town. Ben Bella is in Cairo, where he has been conferring with President Gamal Abdel Nasser. He is expected to join Khider in Rabat, Morocco, within the next few days and then make a triumphant entry into Algerian territory controlled by his sympathizers.

### Crossed Border

From the east, most of the Algerian troops formerly stationed in Tunisia were reported to have crossed the border into Algeria.

But French sources reported that in Wilaya 2, which is loyal to Ben Khedda, the advance of one unit was halted at Souk Ahras, 45 miles west of the border on the road to Constantine.

# Red Kidnapings

BERLIN (AP) — Nearly 900 persons have been kidnaped from West Berlin by the Communists since 1945, a group of former East German prisoners report. A spokesman for the group told reporters that since the Reds built the Berlin wall last August, at least 15 west Berliners have been kidnaped.

# 2-Day Search Called Off

A two-day ground and air search for Robert L. Nelson, 22, of Box 146, Jasper, was called off Saturday evening after failing to turn up any clues.

Nelson, who told his mother, Mrs. L. O. Nelson, that he was going into the Big Fall Creek area to cut some cedar, disappeared Wednesday.

A search directed by the Lane County Sheriff's Office, included volunteer help from the Forest Service. About 50 persons took part each day in the search.

At first it was thought that Nelson could have accidentally plunged off Jasper Road into Fall Creek. However, law enforcement agencies around Arcata, Calif., were alerted late Saturday afternoon after deputies received information that Nelson may be in that area.

# Injuries Minor In Road Mishap

A 35-year-old mother, her six children and one granddaughter escaped serious injury Saturday morning when the car she was driving had a blowout and turned over.

Roseburg state police said the car's right rear tire blew out, and the car went into a water-filled ditch before coming to a stop on its top. The accident occurred on Highway 99, three miles south of Curtin at 9:25 a.m. daylight.

The eight persons were taken to Cottage Grove Hospital, where they were treated for minor injuries. The mother, Mrs. Wally Jones of Huron, Calif., five unmarried children ranging in age from 10 to 17, one married daughter, Mrs. Wanda McBride, 19, and Mrs. McBride's daughter, Teresa, 1½, were headed for the Eola Transient Camp near McMinville at the time of the accident.

# Fire Runs

(From 11 a.m. daylight Saturday until 10 p.m. daylight Saturday.)

Eugene  
None.

Springfield

2:03 p.m.—Grass fire at the end of Shady Lane Drive.

8:50 p.m.—First aid run to 790 N. 69th Street.

# Kennedy Sr. Joins JFK At Cape Cod

## President's Father Quits N.Y. Hospital

HYANNIS PORT, Mass. (AP) — Former Ambassador Joseph P. Kennedy, rehabilitated enough from a stroke to leave a New York hospital, arrived in this Cape Cod resort Saturday and was met by his son, President Kennedy.

The Chief Executive drove an open white convertible from his vacation retreat on the shore of Nantucket Sound to Hyannis Airport in mid-morning to welcome his father.

Not until father and son were back in the family enclave of summer homes was the reunion disclosed. Press photographers were not permitted to take pictures.

### Underwent Treatment

The 73-year-old former ambassador to Great Britain had been at the New York University Institute of Physical Medicine and Rehabilitation for slightly more than two months, undergoing treatment for the effects of a stroke he suffered at Palm Beach, Fla., last Dec. 19.

Plans for his release were made some days ago, when doctors at the institute concluded the elder Kennedy was well enough to return to the scene of many happy summers here with his family. Nothing was said about it, however, in order to keep the home-coming a private, family affair.

An elevator has been installed in the big house which the former ambassador has occupied summer after summer. A heated swimming pool, good for therapy, has been built in the lawn.

Then there was Nantucket Sound, which is tonic for both the President and his father. Together with other Kennedys, they rode the smooth waters on the latter's cruiser Mariin for 2½ hours under sparkling blue skies Saturday afternoon.

### Additional Reason

Thus, President Kennedy had additional reason to enjoy his first weekend of the year on Cape Cod.

In a statement made public by the weekend White House, Dr. Howard Rusk, director of the institute, said the elder Kennedy's general physical condition is satisfactory. The statement added:

"He is now able to walk with the aid of a cane and his speech is improved."

The President planned another boat ride Sunday and more mingling with his brothers, sisters, nephews and nieces, gathered here for the weekend.



(AP Wirephoto) Arthur Daniel Stone, left, and Louis N. Dumas, both of Eufala, Okla., appeared Friday as witnesses before the Senate Investigations Subcommittee. The two men, former Agriculture Department employes, admitted taking money from Billie Sol Estes to help shift cotton allotments from Oklahoma to Texas.

# Face Solons

# Applying to Guide Hatfield Campaign

BEND, Ore. (AP) — Gov. Mark Hatfield announced Saturday that Secretary of State Howell Appling Jr. would be campaign manager for the governor's re-election campaign.

Four years ago, when Hatfield first ran for governor, Appling was his Multnomah County manager. Hatfield made his announcement at a luncheon of the state Republican convention.

The governor said that his opponent, Atty. Gen. Robert Y. Thornton, is conducting a campaign of derision, sarcasm and apathy. He claimed that Thornton opposes the governor's plan to bring new industry to strengthen the economy.

Hatfield asserted that Thornton has issued "lousy, phony opinions year after year."

Appling followed by saying that "incompetence in one office is a rather poor recommendation for another office."

The governor said the major emphasis in his campaign would be on civil and human rights.

"Ours is the party of compassion and meeting human needs. Ours is the social legislation party," he said.

He scored President Kennedy for not putting Canadian lum-

# Concert Date Changed

The symphony orchestra concert of the High School Music Summer Session at the University of Oregon will be given July 13 instead of July 14, according to Ira D. Lee, associate professor in the School of Music. The concert will be given at 7 p.m. standard, 8 p.m. daylight in the School of Music Auditorium. It will be the final concert of the high school orchestra summer session.



(Register-Guard photo) David Nott, 14, of 364 Lombard Lane, Eugene, was nailing up a few posters Saturday at the Youth Temperance Council total abstinence training camp at the First Baptist Church campsite off County Farm Road. Forty young persons and eight counselors were scheduled to complete the course today.

# U. S. Eager to Settle Land Dispute With Mexico - JFK

By BEN F. MEYER  
Of the Associated Press

WASHINGTON — President Kennedy said this week the United States is eager to settle a dispute involving 630 acres in El Paso, Tex., which Mexico wants to make Mexican territory.

Kennedy conceded it is a matter "difficult to solve."

The controversy is caused by a change in the course of the Rio Grande River.

It is known as the Chamizal case because the area involved once was covered by brush, for which the Spanish word is chamisa.

The matter has been a sore spot in Mexico-U.S. relations for more than half a century.

Although the average U.S. citizen never heard of it—or forgot it if he did—in Mexico it has become a fiery, emotional issue of national pride and has been cited there frequently by anti-U.S. orators as an affront to Mexico's dignity by its big neighbor to the north.

Nobody seems to be exactly certain just what makes up the Chamizal. U.S. officials say a sizable chunk is undeveloped land or is occupied by two stockyards. But some of it may be potentially valuable property

along the river in El Paso.

And if such land were to be handed over to Mexico the Chamizal might become a pretty fiery issue in El Paso and throughout Texas, too.

A week ago Kennedy and President Lopez Mateos of Mexico issued a communique during Kennedy's stay in Mexico City saying they were going to instruct their executive agencies to "recommend a complete solution to this problem."

At his news conference Thursday Kennedy said the Chamizal area was "awarded to Mexico in the arbitration award of 1911" but that the United States, which had agreed to arbitration, "backed down and did not accept the award."

Both in the communique, and in Kennedy's statement, it was indicated the two presidents think it is time for both sides to yield ground and press for a solution. The communique said a solution would be sought "without prejudice" to judicial positions and in a way which "takes into account the entire history of this tract."

There was no explanation of what these phrases mean. It appears, however, that the communique was saying there would be a minimum of further legalistic

arguments, and that there would be full consideration of the practical problem of an established city and giving it to a foreign country.

In 1894 a Mexican citizen laid claim to the Chamizal area contending it had become a part of Mexican territory through a change in the course of the Rio Grande which forms the boundary from a part of El Paso eastward to the Gulf of Mexico.

The claim to the Chamizal went to the Mexican-U.S. Boundary Commission, created many years ago to settle just such disputes.

The boundary commission held hearings on the claim but was unable to make a decision.

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