

Los Alamos Probable Site For H-bomb

By Howard W. Blakeslee
Associated Press Science Reporter
NEW YORK, July 15 (AP)—Los Alamos, the wartime laboratory that made the first atomic bomb, is now apparently the center for hydrogen bombs.

Los Alamos is about 35 miles north of Santa Fe. The first bomb was exploded five years ago, on July 16, 1945, more than a hundred miles south, in central New Mexico.

Work Described
The probability that hydrogen bombs center at Los Alamos is shown in work described there, last year, even before H-bombs had been mentioned. The technical associate director at Los Alamos, Dr. J. H. Manley, wrote this description in the bulletin of the atomic scientists, Chicago.

He said that the theoretical division at Los Alamos was studying the "behavior of gross matter under stellar conditions." This means what happens in the sun and stars. The hydrogen bomb possibilities have come directly from study of the sun.

He wrote that the physics division at Los Alamos "is not restricted to phenomena connected solely with fission and neutrons, but includes the study of reactions between the light elements."
Fission of neutrons are atom bombs. The light element reactions are the fusion which is expected to make a hydrogen bomb. Dr. Manley wrote further that release of energy by the light element reaction was one of the reasons for this study. The other was better understanding of nuclear physics, which is the foundation of all knowledge about bombs of any kind, power or other atomic energy uses.

The Los Alamos theoretical division has been anything but "theoretical" in its usefulness. The theorists were the practical men who made it possible to produce atom bombs. Similar "theorists" are the practical men for H-bombs.

Expansion Ordeal
Before the H-bomb project, the manpower of Los Alamos was the same as wartime, about 3,000, except that it was split between Los Alamos and a new branch in bomb-making, at Sandia, near Albuquerque. Los Alamos had 1,600 workers and scientists, and Sandia 1,400. Nothing has been published about manpower since the H-bomb started.

Just a year ago an "expansion" of the Los Alamos site, to cost millions, was announced by the United States atomic energy commission. This expansion was explained as necessary to modernize the place, both for personnel and for some additions to "technical areas."

Sandia, in Dr. Manley's description, is the ordnance plant. It apparently makes atom bombs, for he says it designs and makes parts and also "complete units." Sandia is responsible for the storage of atomic bombs.

Look Commonplace
Nothing has been published officially about storage, but one official story emphasized the fact that to an uninitiated person the stored bombs or their parts would not even look interesting. They would look like commonplace warehouse objects.

The new electronic mathematical brains are one of the important sections of Los Alamos theoretical section. There are IBM machines at Los Alamos. The Eniac computer at Aberdeen proving grounds, Maryland, is consulted. These machines answer what happens in pressures of millions of pounds, temperatures of millions of degrees and times in millionths of seconds. All three of these conditions are vital for either atom or H-bombs. Solving these three is considered one of the key points in success of an H-bomb.

Chicago Lawyer Paddles from Island in Canoe

AVALON, Calif., July 15 (AP)—A 62-year-old Chicago lawyer paddled his canoe into this Santa Catalina island harbor tonight, 16 hours after he put out to sea from the mainland.

About 2,000 tourists stood on the shore to hail Vincent M. Smith in from his grueling ocean trip. He had figured to make it in six hours, but drifted 10 miles off his course.

"You going back in the canoe?" somebody asked.
"Definitely not!" Smith replied wearily, and headed for the wharf.

Using World War II experience as a rule of thumb, war plane attrition—the military phrase for losses—runs about 25 per cent per month. An estimated 600 air force planes are available to Gen. Douglas MacArthur.

The Valley Forge will perhaps 90 planes has been in action and at least one other large carrier and one or two small carriers with between 120 and 150 planes among them, are expected to be ordered into action soon.

Assuming a total of 900 planes by making allowance for marine fighter squadrons and the possibility that another carrier will be sent to Korean waters, the monthly attrition would average 225 planes by standards based on experience.

This is a little more than the average monthly production of military aircraft. The deficiency is currently being met by withdrawals from storage and from air national guard and air reserve units.

Before the Korean affair began the air force had 2,600 combat planes in active units located either in the Far East and some 4,600 combat planes in storage. The navy had about 2,000 combat planes in active units and 3,300 others in storage.

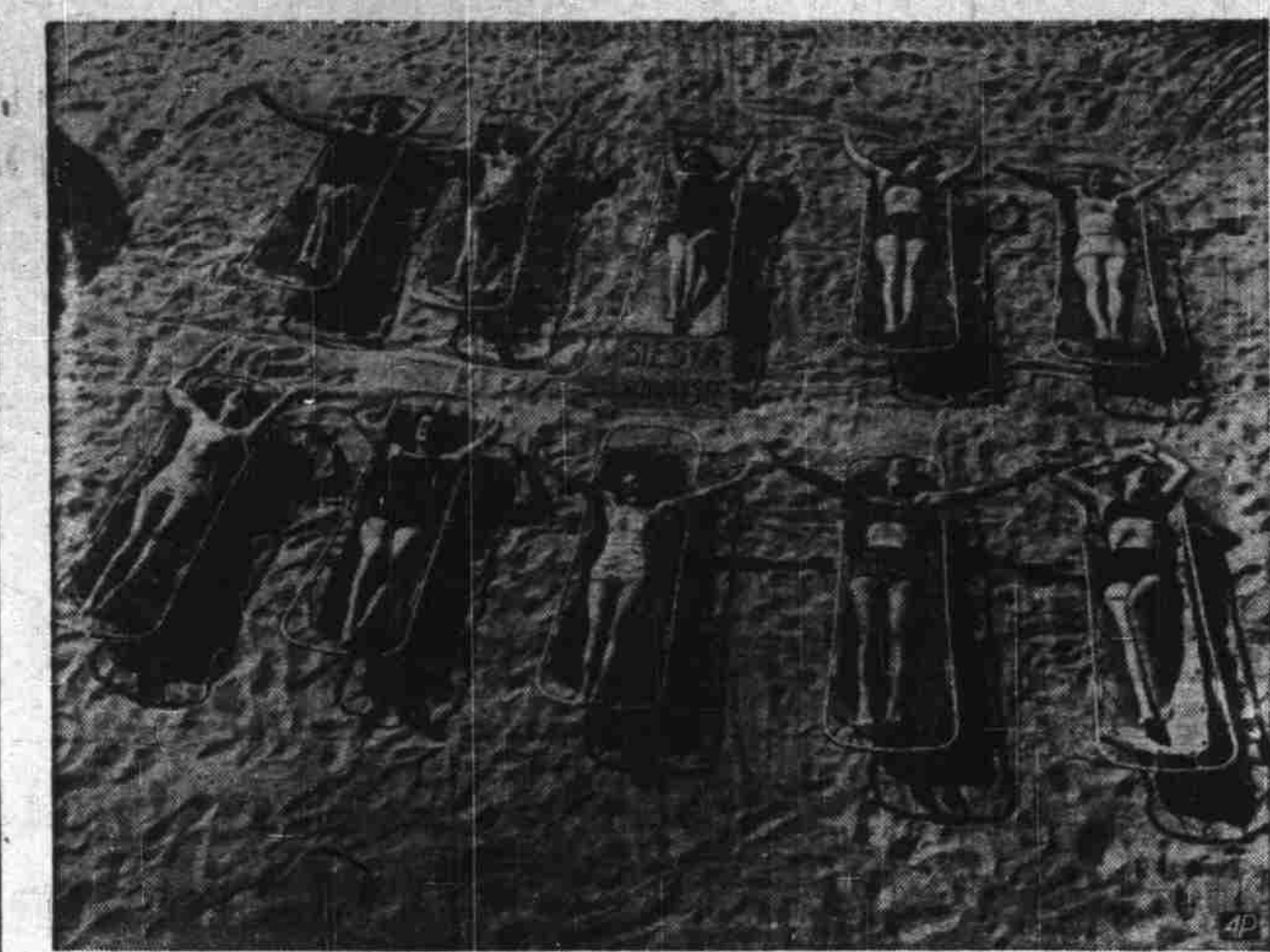
A prolonged fight in Korea might quickly exhaust the types most suitable for operations there.

Rep. Joseph W. Martin, Jr., of Massachusetts, house minority leader, is playing the same tune, asserting that the Democrats didn't do anything to stop the red wave in Asia until President Truman ordered military intervention in Korea.

Taft Leads Assault
Senator Taft (R-Ohio) led off the assault with an assertion that out of \$26,000,000 made available by congress for Korea and other areas last year, only \$200 had been spent in cash for new supplies for the Koreans.

At the time Secretary of State Acheson called the suggestion "silly," Chairman Connally (D-Tex) of the senate foreign relations committee pooh-poohed the idea.

But Mr. Truman made Taft look like something of a prophet when he ordered the seventh fleet to protect Formosa against communist attack.



Hot Weather Tip — These vacationing lovelies, taking a tip from weather-wise Puerto Ricans, relax as temperature rises at San Juan, P. R. Sign reads "Siesta — Don't Disturb."

Democrats and Republicans Rapidly Adjusting Strategy—And Throwing Accusations

By Jack Bell
WASHINGTON, July 15 (AP)—Democrats and Republicans are rapidly revising their congressional campaign strategy to fit the pattern of undeclared war in Korea.

Because developments are likely to change the situation greatly long before the November election rolls around, neither party has been able to settle on any fixed program.

But the trend indicates the republicans plan to blame the democrats for (1) setting the stage for open warfare by agreeing to the division of Korea and (2) failing to prepare friendly and American armed forces for a fight.

The democrats already are lashing back with charges that the GOP (1) obstructed efforts to re-arm anti-communist nations and (2) are hampering the conduct of the undeclared war by harping about the past.

Republican senatorial candidates already have agreed to try to hang on to the democrats the blame for just about everything bad that has happened in Asia.

Rep. Joseph W. Martin, Jr., of Massachusetts, house minority leader, is playing the same tune, asserting that the Democrats didn't do anything to stop the red wave in Asia until President Truman ordered military intervention in Korea.

Taft expects to remind the voters that he said six months ago the United States ought to send its navy to protect Formosa, last stand of the Chiang Kai-shek nationalist Chinese government.

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Utah Wilson's Wife Files For Divorce

VANCOUVER, Wash., July 15 (AP)—Divorce suit papers filed by his wife were served in the Clark county jail today to Utah Wilson, convicted slayer of Jo Ann Dewey.

Mrs. Lucile Cline Wilson, 17, had appeared as a witness for the defense of her husband and his brother, Turman, in their trial. In her suit, Mrs. Wilson charged "cruel treatment and personal indignities that are rendering life burdensome."

She said she stayed out frequently at night and was indifferent to her welfare during the four months of married life prior to Utah's arrest.

BREAKS NECK IN FALL
YAKIMA, Wash., July 15 (AP)—C. M. Reeves of Wapato was fatally injured today when he fell off a truck loaded with hay. Dr. F. J. Lemon, county coroner, said Reeves, 63, died of a broken neck.

STRIKE END SEEN
PHILADELPHIA, July 15 (AP)—Nobody would say anything officially but negotiations for the Budd Co. and United Auto Workers appeared optimistic tonight that the six-day old strike of 9,000 workers would be settled over the weekend.

had committed the country to. As a whole, republican candidates can be expected to try to put themselves in the vanguard of those urging speedier and weightier measures be taken to arm and defend the world against communist attack than the administration is likely to take.

Democratic candidates won't be left behind in this race, however. And President Truman—by such actions as authorizing draft inductions—has indicated he is willing to move speedily.

Blast of Oil Barge Cause Of Dock Fire

ALBANY, N. Y., July 15 (AP)—An oil barge loading kerosene exploded tonight at the ESSO standard docks on the Hudson river, five miles south of Albany.

The blast set fire to the dock, but firemen reported flames were brought under control in about two hours.

No one was injured. One crewman aboard the barge and some ESSO officials standing on the dock, the company said.

The blast ripped open the vessel's starboard side and flaming kerosene spread over the water.

Car's Plunge Off Road Fatal To Lumbermen
STEVENSON, Wash., July 15 (AP)—An Idaho lumberman was drowned and a Portlander injured tonight when the car they were riding plunged off a mountain road and down a steep bank.

Skamania County Deputy Coroner Carl Christensen said A. W. Lincoln, about 40, a retail lumberman of Boise, was thrown from the careening auto into the Wind river east of here.

The Portlander, Leland Stafford Anderson, also a lumberman, escaped the 300 foot plunge down the steep embankment with only minor injuries. The car lodged against a tree at the edge of the river.

He Counted All 87 Feet Of That Fall

ENID, Okla., July 15 (AP)—J. J. Branham fell 87 feet down an oil well derrick today but a fellow-workman caught him in his arms below.

Branham, 32, was hospitalized here with broken ribs, a broken leg and a fractured nose.

"I know I fell 87 feet," he said from his hospital bed, "because I counted every foot as I fell down."

Floyd Matlack, 42, suffered only a sprained shoulder and returned to work later.

New Refinery For Asphalt To Be Built
SPOKANE, July 15 (AP)—The city of Edmonds, Wash., will have a new \$1,000,000 asphalt refinery by midyear of 1951, it was revealed here today.

Spokane officials of the builders—the Union Oil company of California—said construction will start August 1. Completion is set for June, 1951.

The refinery will have an annual capacity of 65,000 tons of paving asphalt and road oils. Crude oil will be shipped to the Edmonds plant by tanker from California.

Grains Slow But Soybeans, Lard Go Up

CHICAGO, July 15 (AP)—Soybeans and lard soared again on the board of trade today, running away from the reluctant grains.

July soybeans rose 10 cents within 10 minutes of the opening. It then fell back several cents, only to come ahead again toward the finish.

This delivery set a new seasonal high, but the new crop months, although sharply higher, did not get into new peak territory.

Grains slumped at the opening. Once the soybean and lard advance got under way, however, cereals joined the upward movement, recovering early losses to end with small gains.

BODY FOUND
YAKIMA, July 15 (AP)—The badly decomposed body of a man identified as Ralph Marshall, 46, was taken from the Yakima river tonight by sheriff's officers after teen-agers had found it in the river bed about a mile west of the Wapato-Donald bridge.

The llanos are grassy plains in Venezuela.

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Two Kittens Stowaways On Airplane

CHICAGO, July 15 (AP)—A couple of stowaway kittens from Greenfield, Ind., were on their way back home tonight, taking with them a story guaranteed to make their grandchildren's hair stand on end.

That is, if they live long enough to have grandchildren.

The two kittens — very much frightened — were discovered in the retractable landing gear well of a small plane when it landed at Meigs field after a 175 mile flight from Greenfield.

An airport attendant found the kittens, about two months old, perched on a narrow shelf between the edge of the well and the space occupied by the wheel when it is retracted.

No one knows how they avoided being crushed when the wheel was raised, or how they managed to stay on their precarious exposed perch when the wheel was lowered over Lake Michigan as the plane approached the lake front airport.

Democrats note that Taft voted against military aid funds for Europe last year and supported the program this year only because it was something he said congress

New Courts King Certain

CHICAGO, July 15 (AP)—A new men's champion is certain in the National clay courts tennis meet which opens a week-long stand at the suburban River Forest Tennis club Monday.

And it may be the comeback-assaying Ted Schroeder, who last year lost his No. 1 rating to Pancho Gonzales, now a professional and last year's clay court winner. Schroeder did not compete here in 1949.

Schroeder will come here from the western tourney at Indianapolis along with such other clay court contenders as Billy Talbert of New York and Tony Trabert of Cincinnati.

Schroeder's top River Forest competition is expected from Talbert, Art Larsen of San Leandro, Calif., who played this week in the Spring Lake, N. J., meet; Sam Match of Los Angeles; Hery Plam of Beverly Hills, Calif.; Jim Brink of Seattle; and Tony Mottram of Britain, who heads several foreign entries.

Red Journal Accuses Tito Of Mobilizing

BERLIN, July 15 (AP)—The communist journal said today Marshal Tito of Yugoslavia is mobilizing thousands of men.

The organ of the Stalinist countries declared, however, that the war in Korea was showing "the Yugoslav people how to rid themselves of the yoke of the Tito gang" and called for a revolt against the Belgrade government.

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