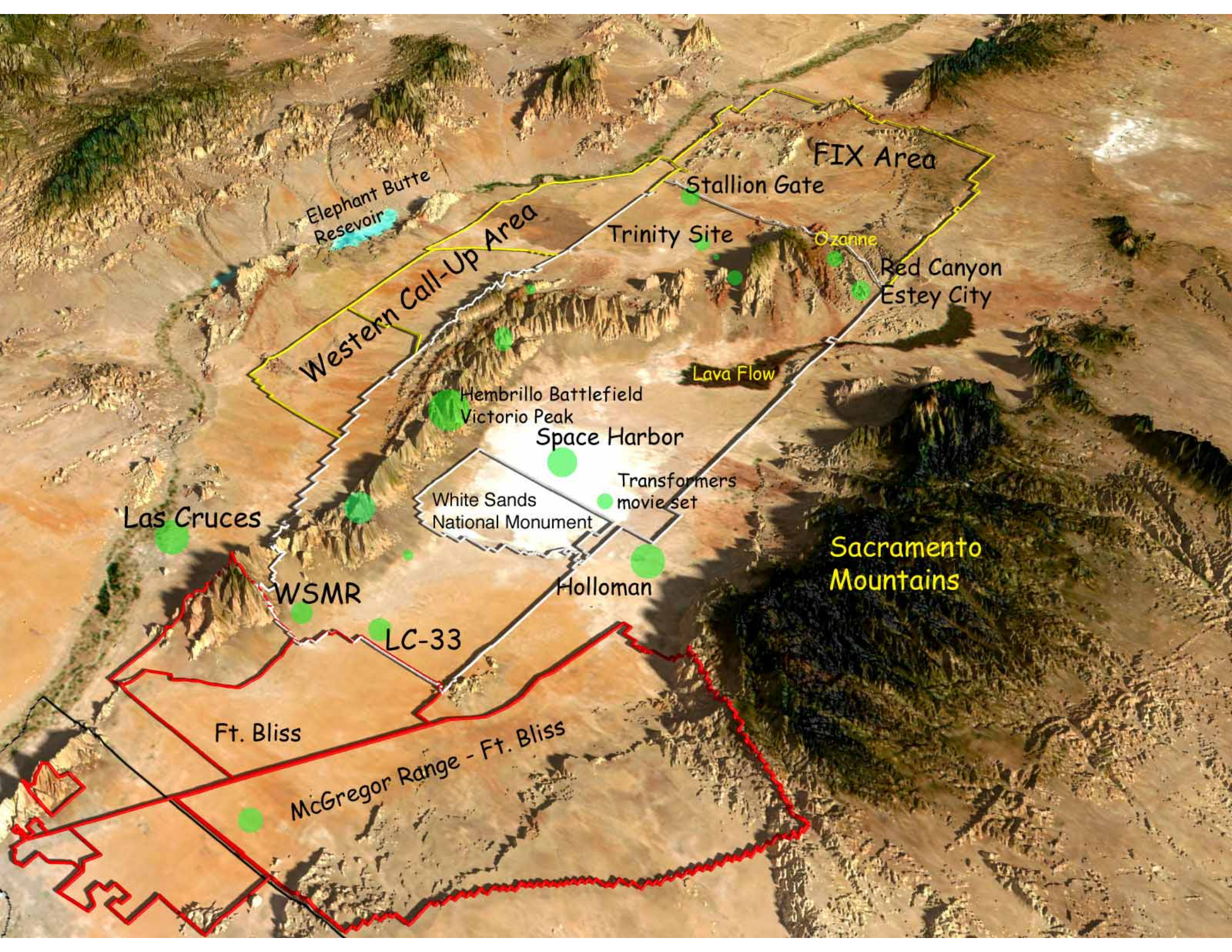


**History And Stories
From
White Sands Missile Range**



Elephant Butte
Reservoir

Western Call-Up Area

FIX Area

Stallion Gate

Trinity Site

Ozanne

Red Canyon
Estey City

Lava Flow

Hembrillo Battlefield
Victorio Peak

Space Harbor

Transformers
movie set

White Sands
National Monument

Las Cruces

WSMR

Holloman

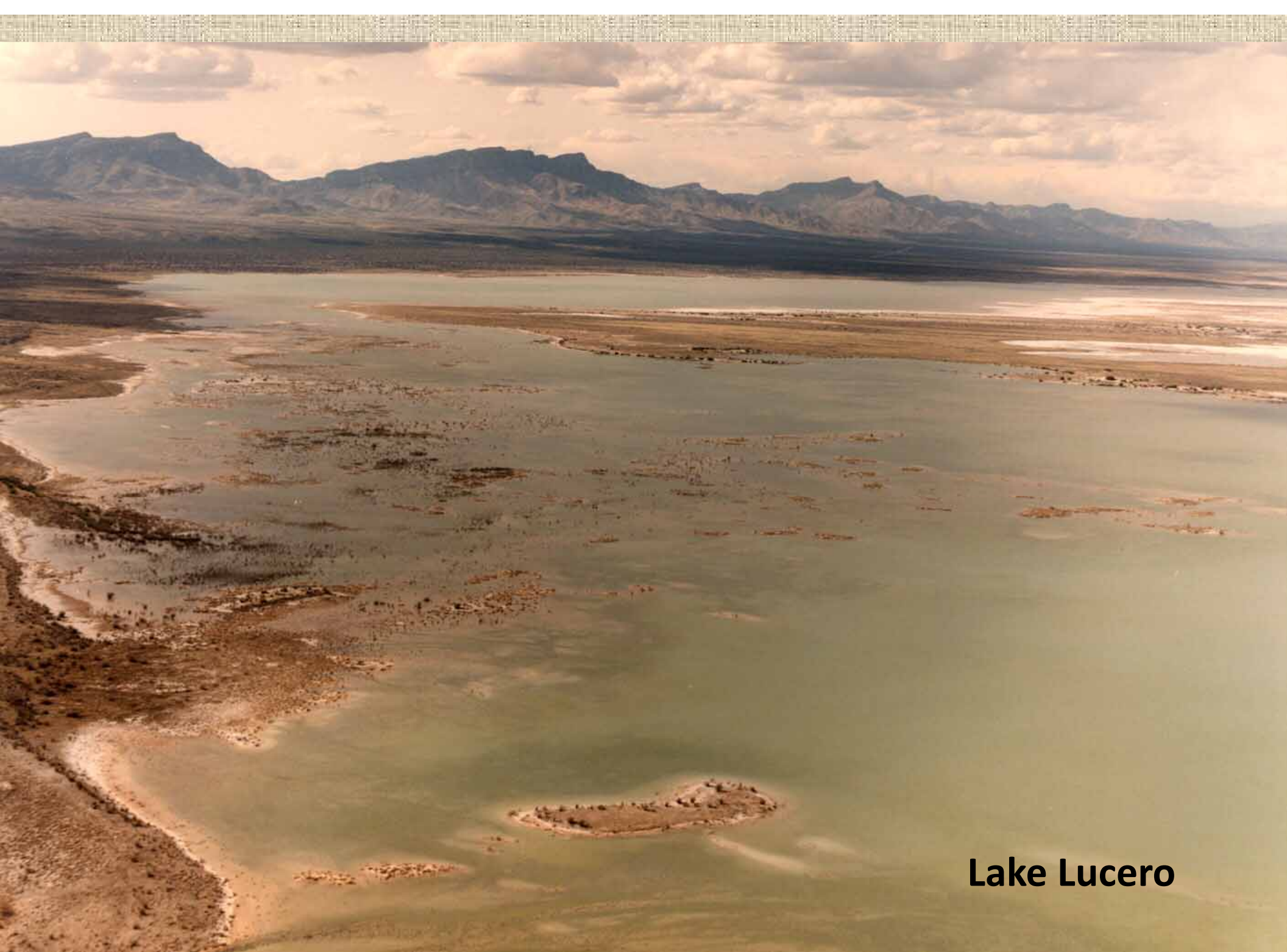
Sacramento
Mountains

LC-33

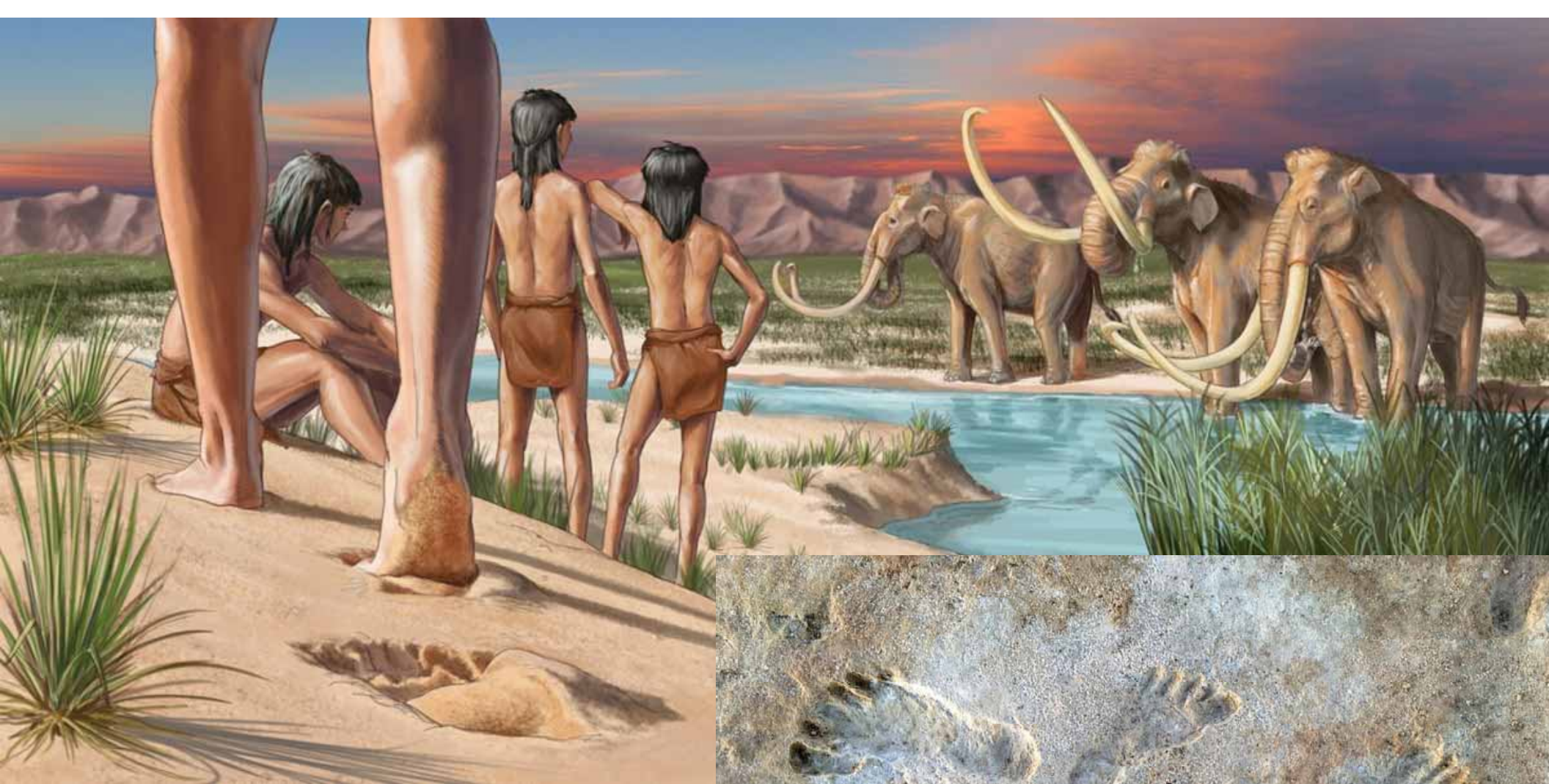
Ft. Bliss

McGregor Range - Ft. Bliss





Lake Lucero



***White Sands National Park
footprints – up to 23,000 years old
*Mammal tracks found in 1930s**

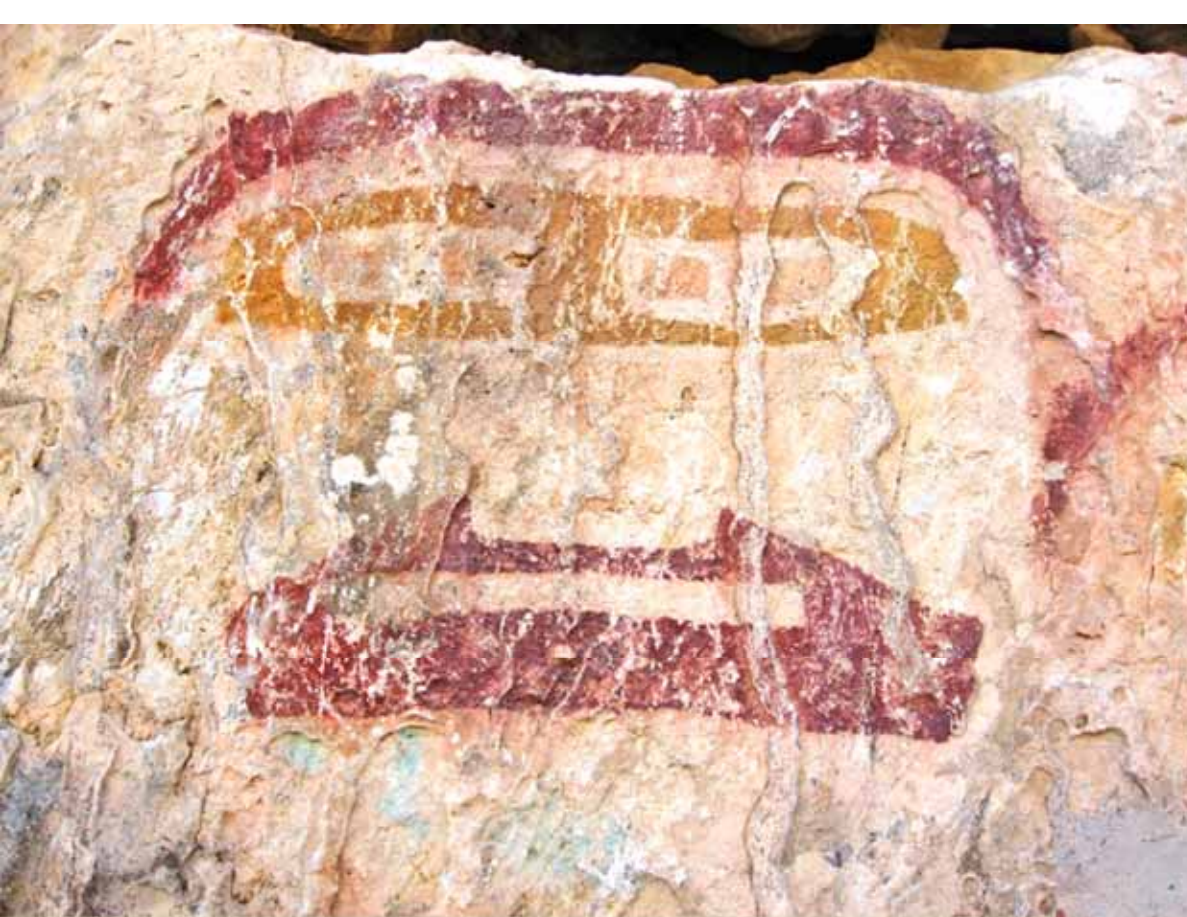
Artist rendition from White Sands



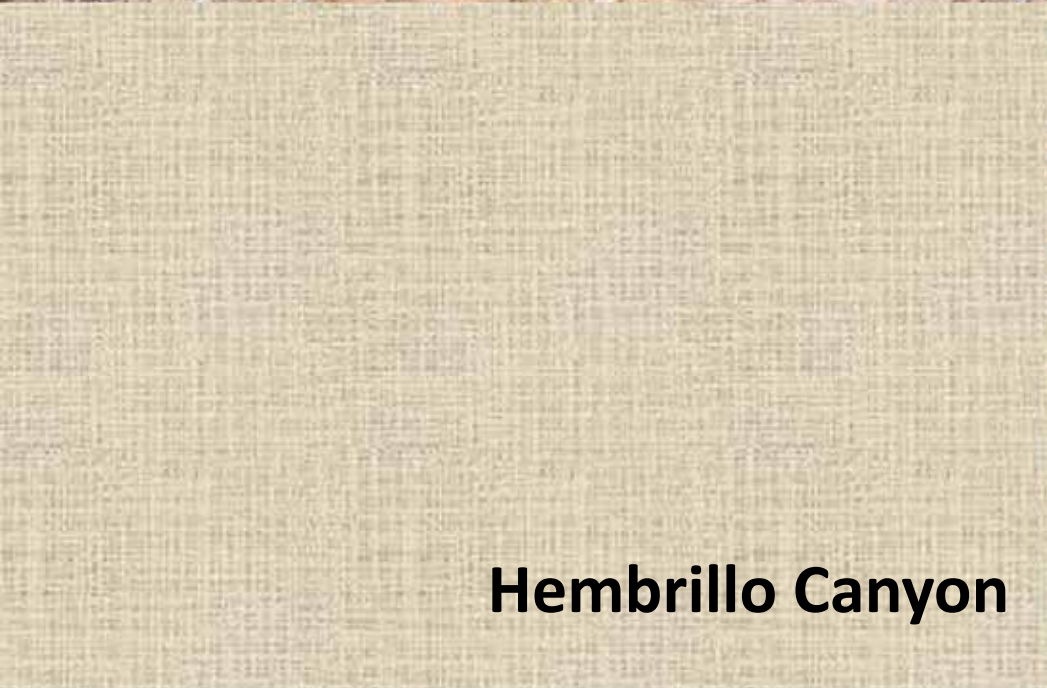


INDIAN ARTIFACTS — On display is part of the Indian artifacts collection made at and around WSPG by Mr. and Mrs. A. G. Devirian. In the extreme left corner, at back, is a Polychrome water olla. Next to it on the right, is a pottery dish found in the Wherry Housing area, and slightly in front of this dish, is a Mesa Verde bowl. In the black square, back left hand corner, is a stone peace pipe, and at the extreme right of the square, is a string of 320 matched shell beads. Shown in the extreme right corner of the table, and right of the arrowhead display, is a modern bead necklace made by a Chiricahua Apache woman at the San Carlos Reservation in Arizona.

1957, *Wind and Sand* newspaper



Rhodes Canyon



Hembrillo Canyon





Apache petroglyphs at Rock Art Spring in Hembrillo Canyon

Hembrillo Battlefield – April 6 & 7



Chief Victorio



Captain Henry Carroll





Bennet / Potter Ranch in Bosque Canyon





Angora Goats



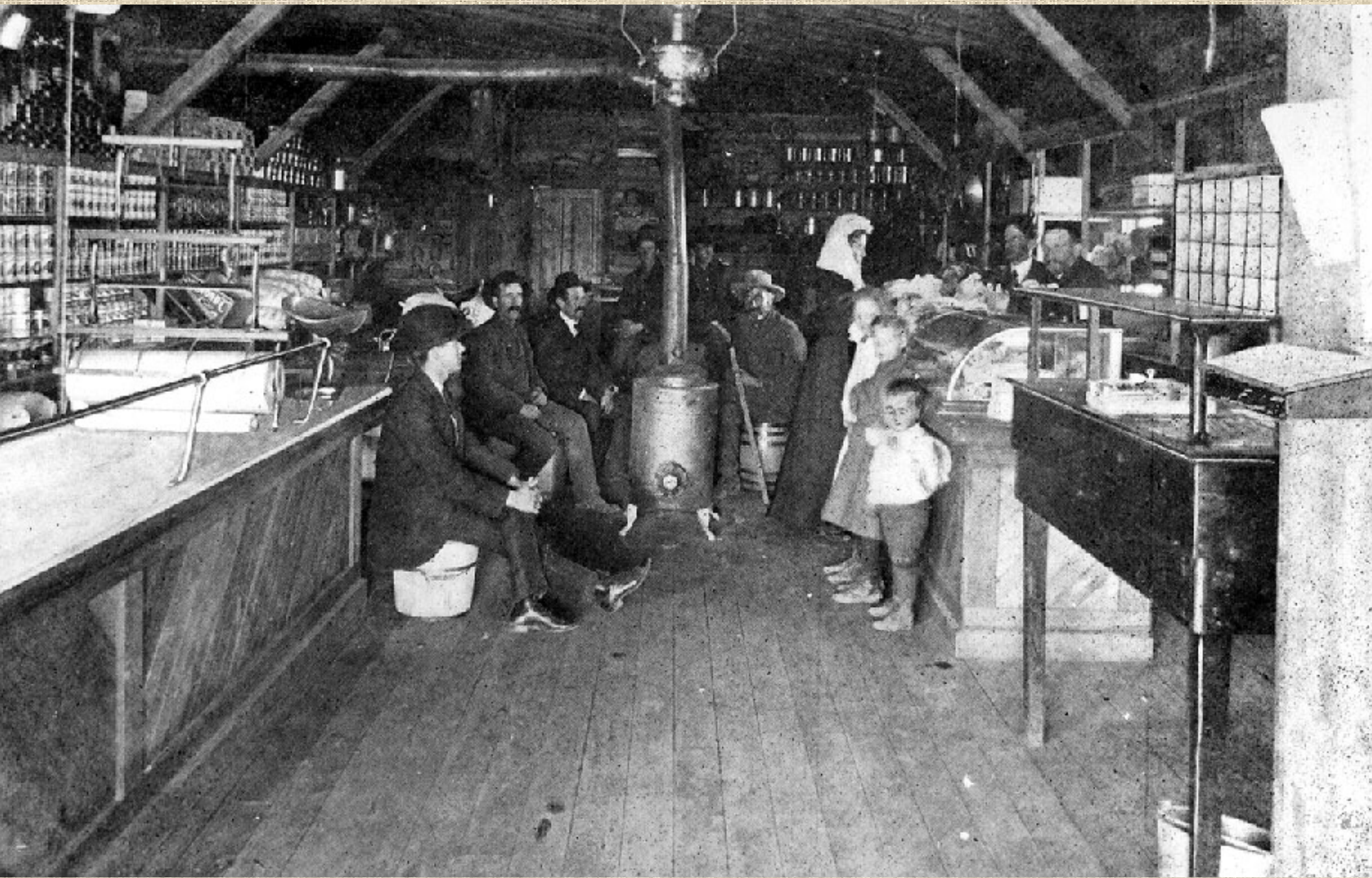
David Estey

Estey City, 1904





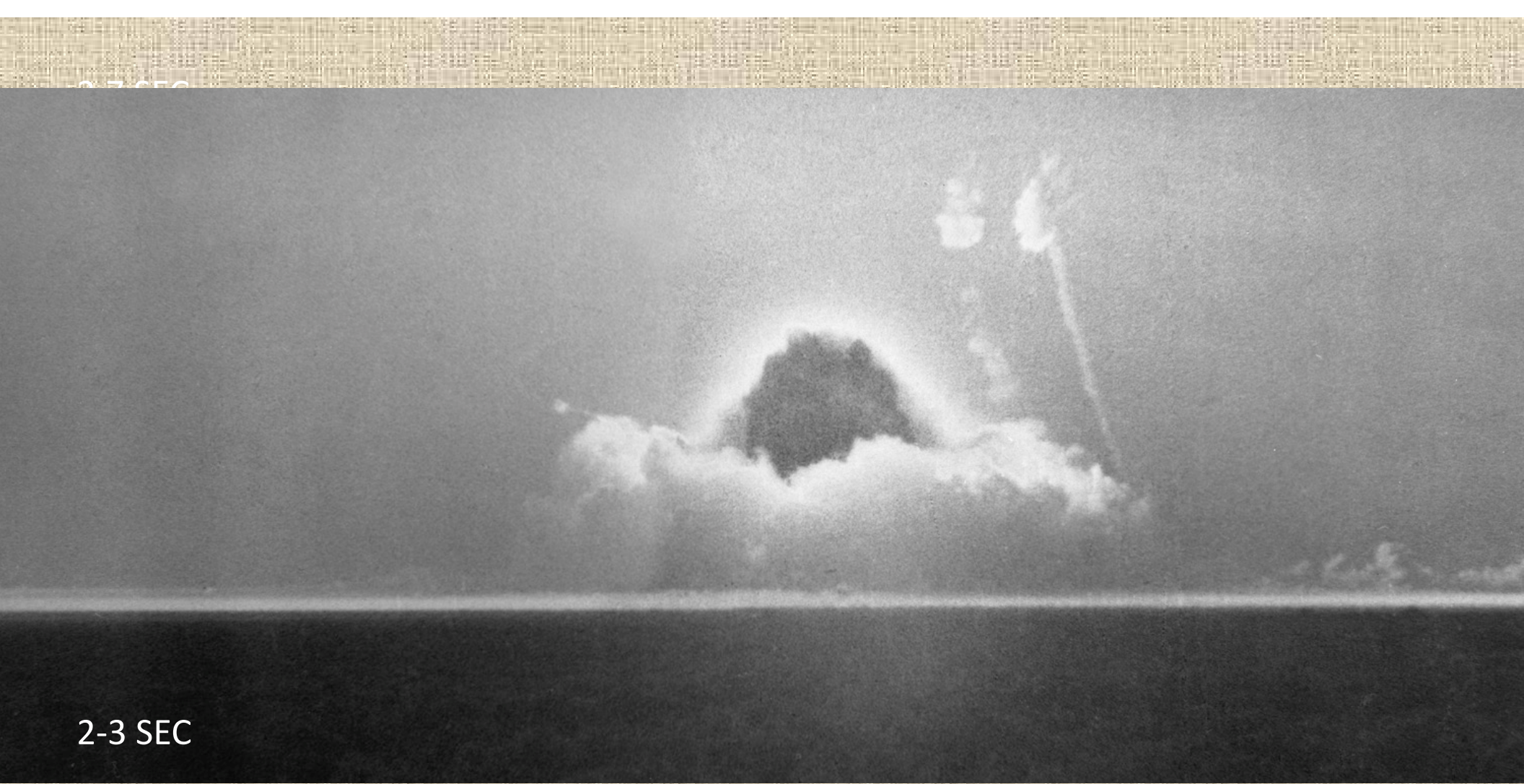
Estey City post office and general store







Training B-17 crews at the Alamogordo Bombing Range



2-3 SEC

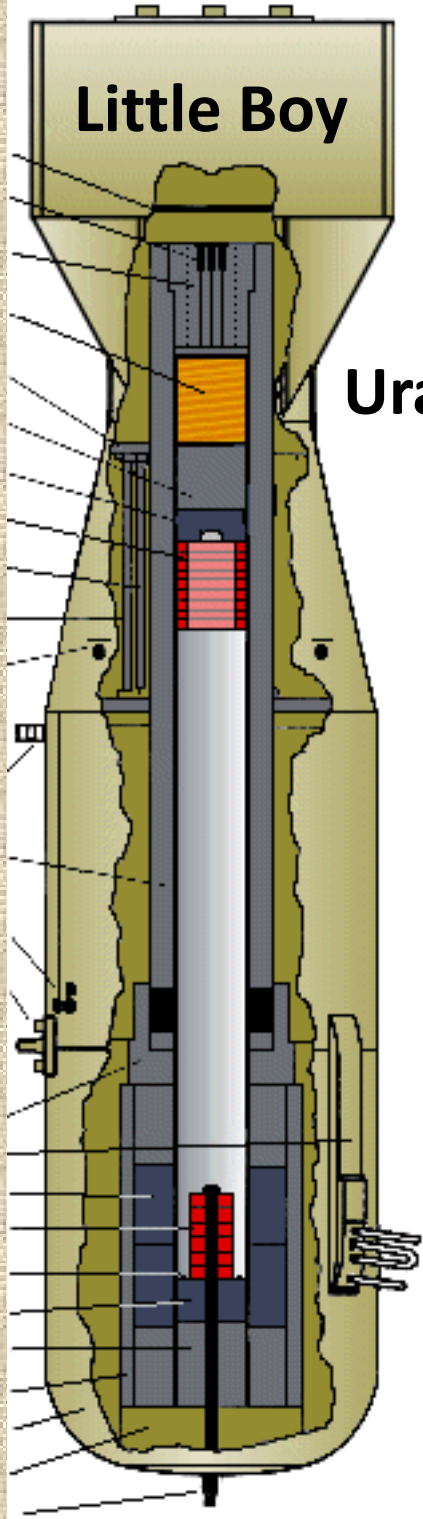
Trinity Site, July 16, 1945



**Robert Wilson's group
trying to collect data
during the first 10
nanoseconds.**

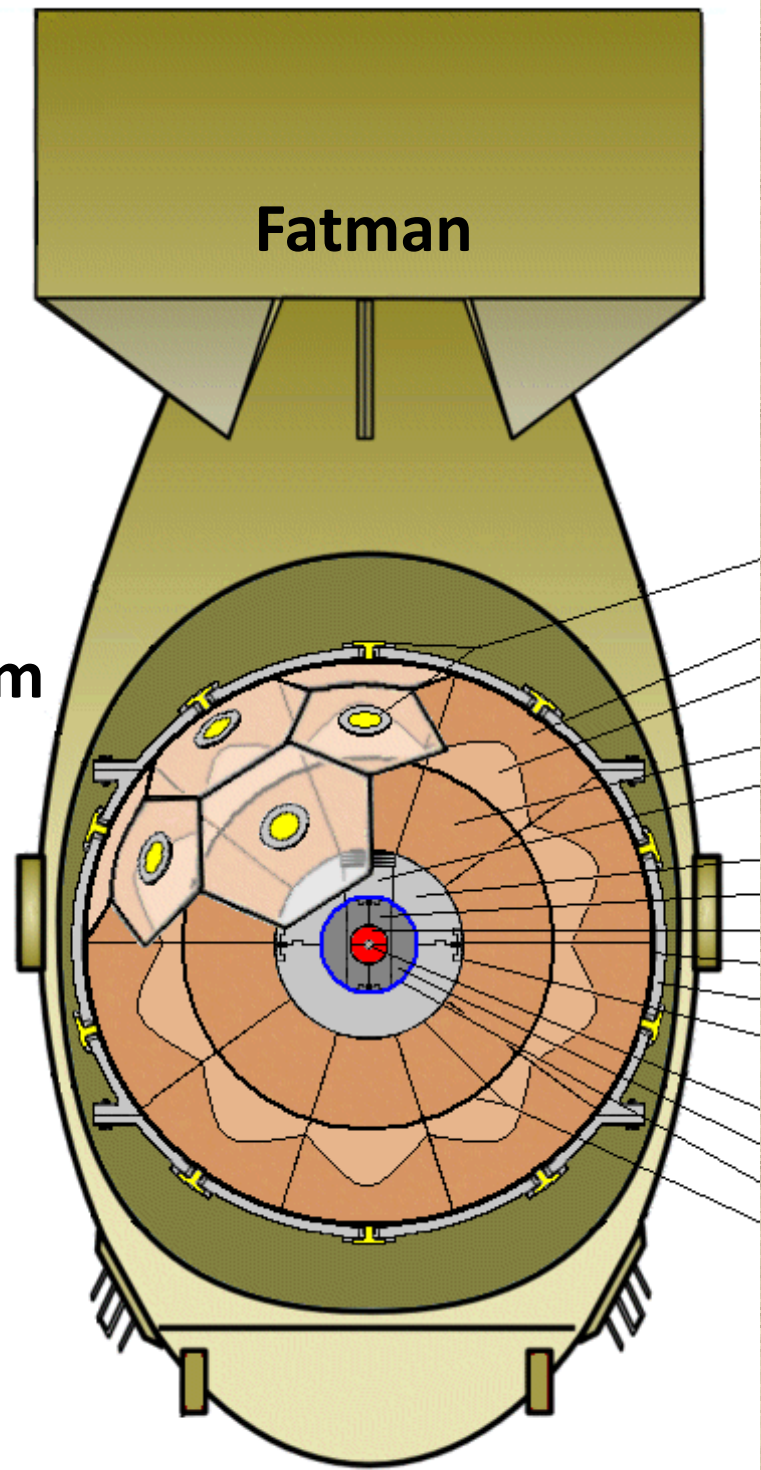


Why Trinity Site Two Designs



Little Boy

Uranium 235



Fatman

Plutonium

Diagrams
John Coster-Mullen



Ernest Lawrence



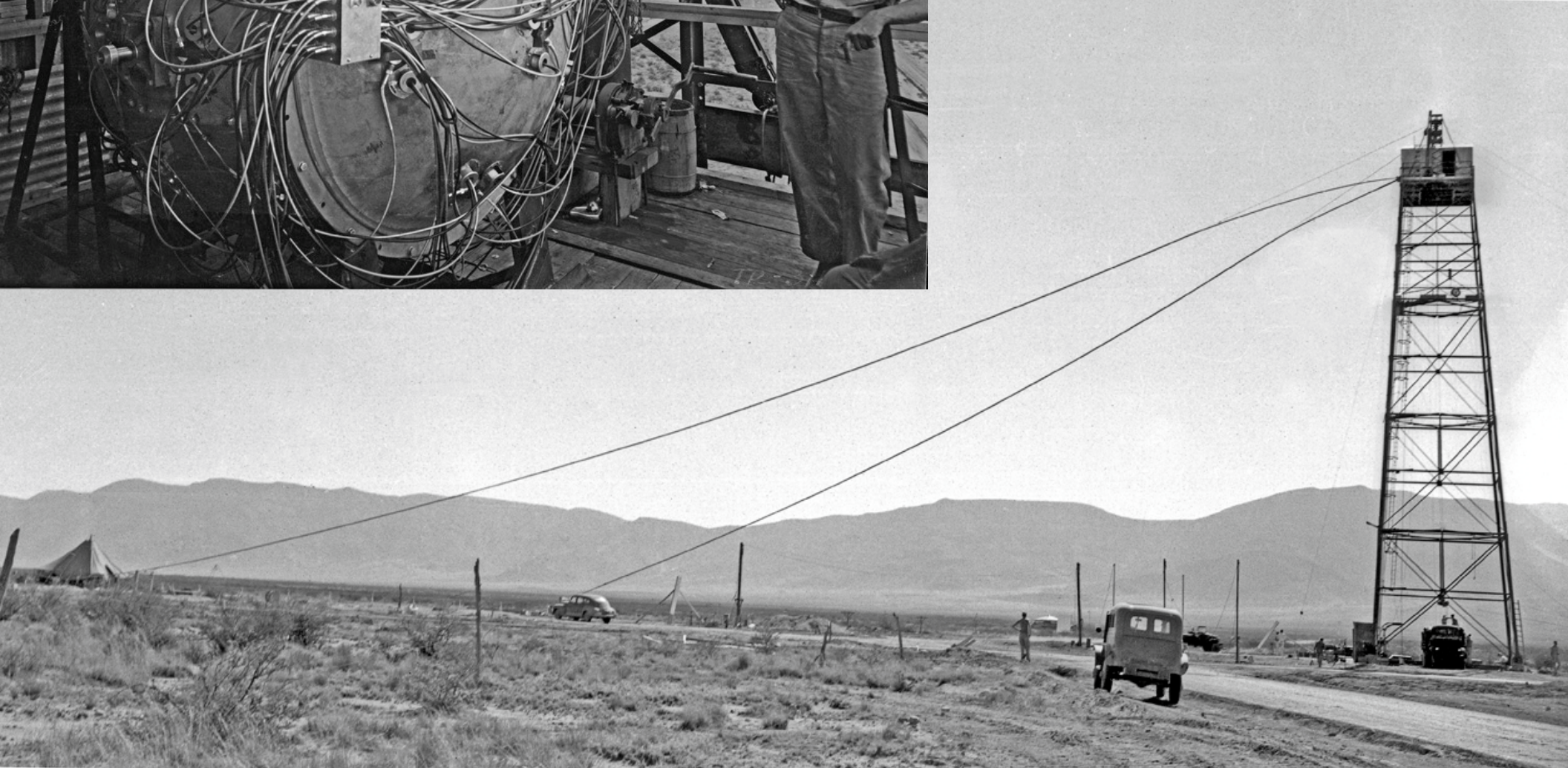
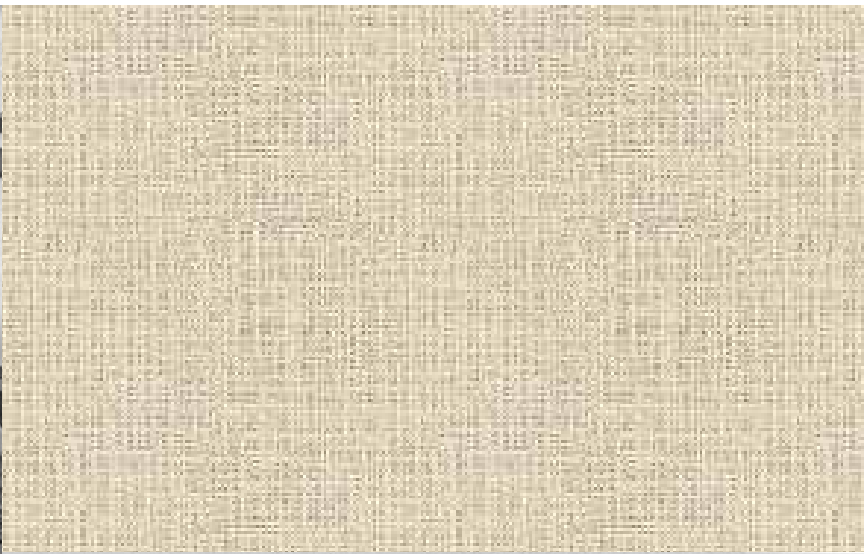
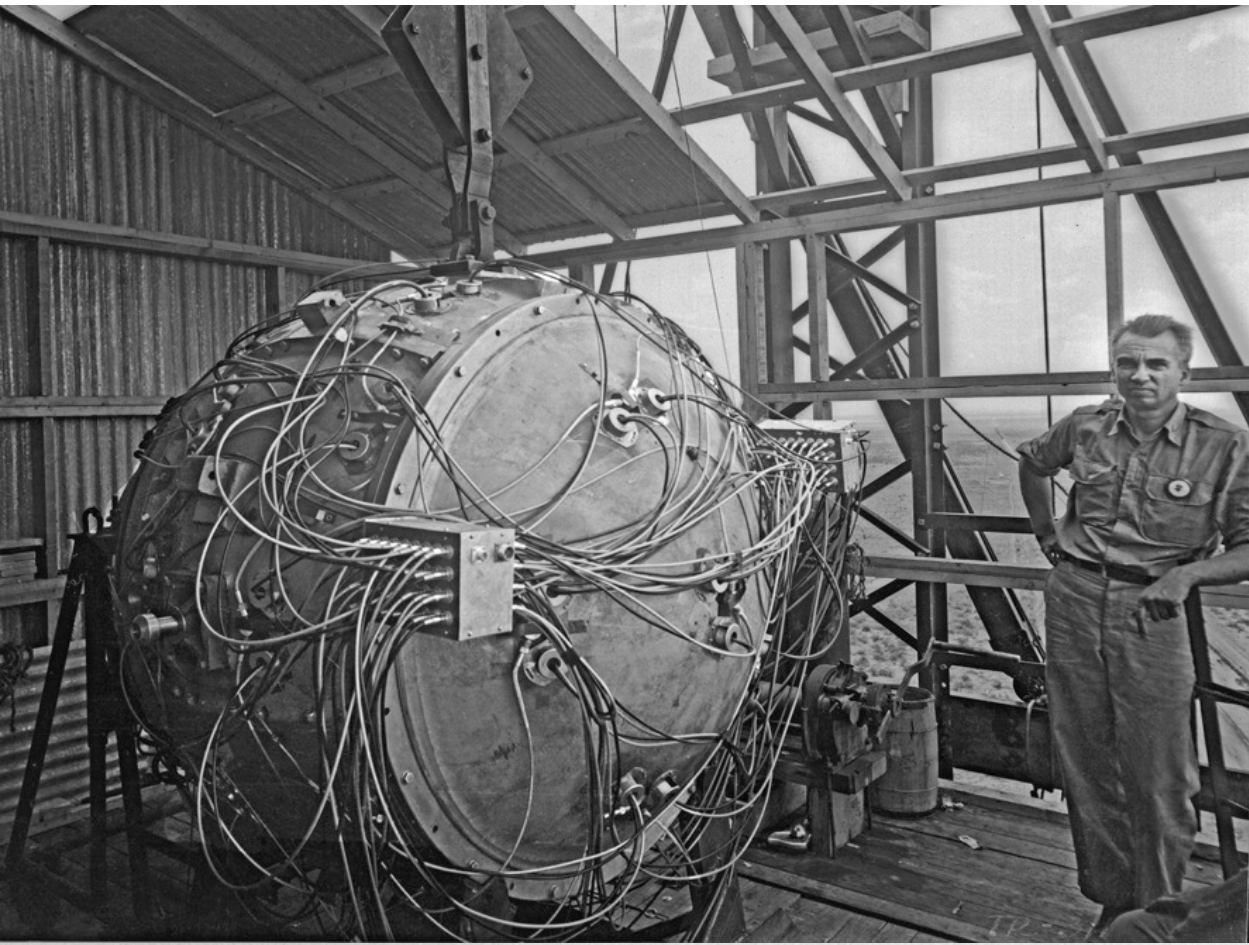
Robert Oppenheimer

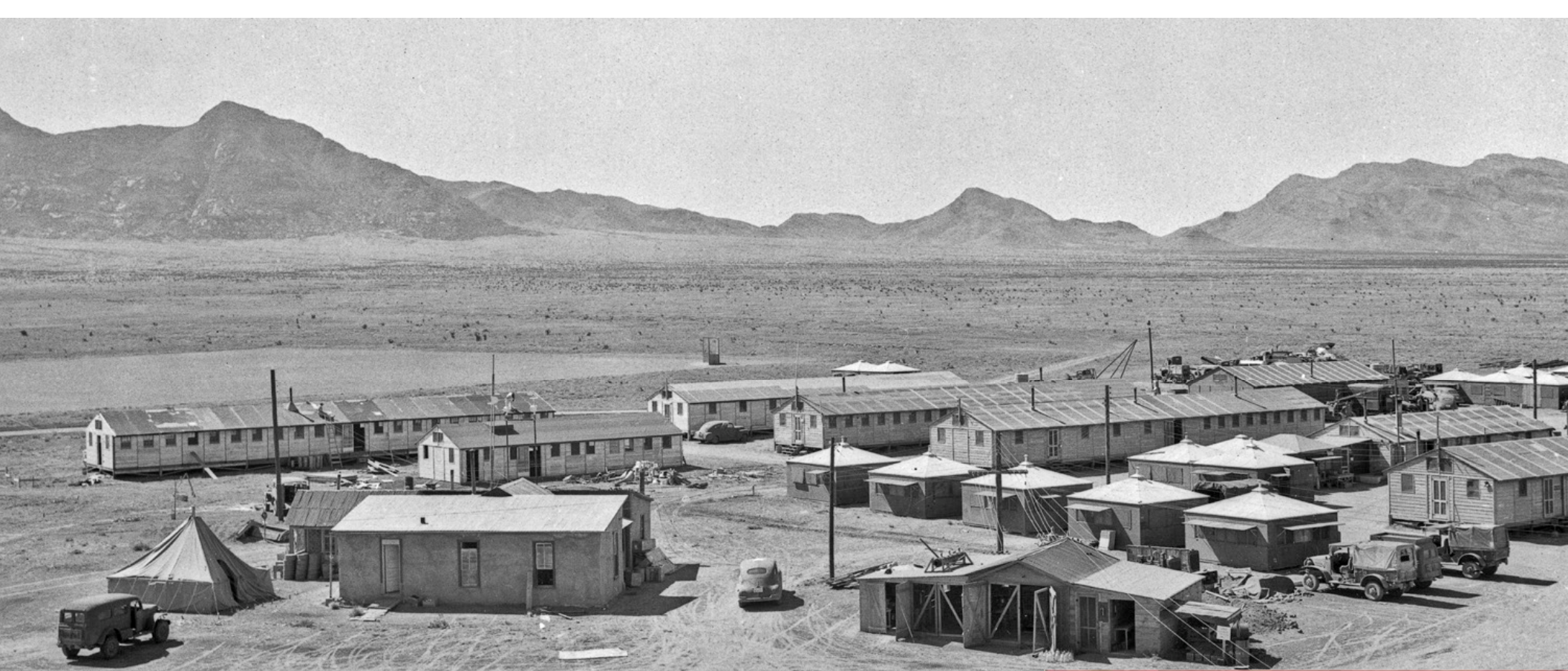
A devotional poem by John Donne opens, 'Batter my heart, three person'd God.'

Los Alamos

Oak Ridge

Hanford





Preparations



POLO

PLAYERS' EDITION

MARCH 2001

POLO U



\$4.00 US/\$4.50 Canada

“About 40 miles outside of San Antonio, Texas, the U.S. Army had a top-secret site....”

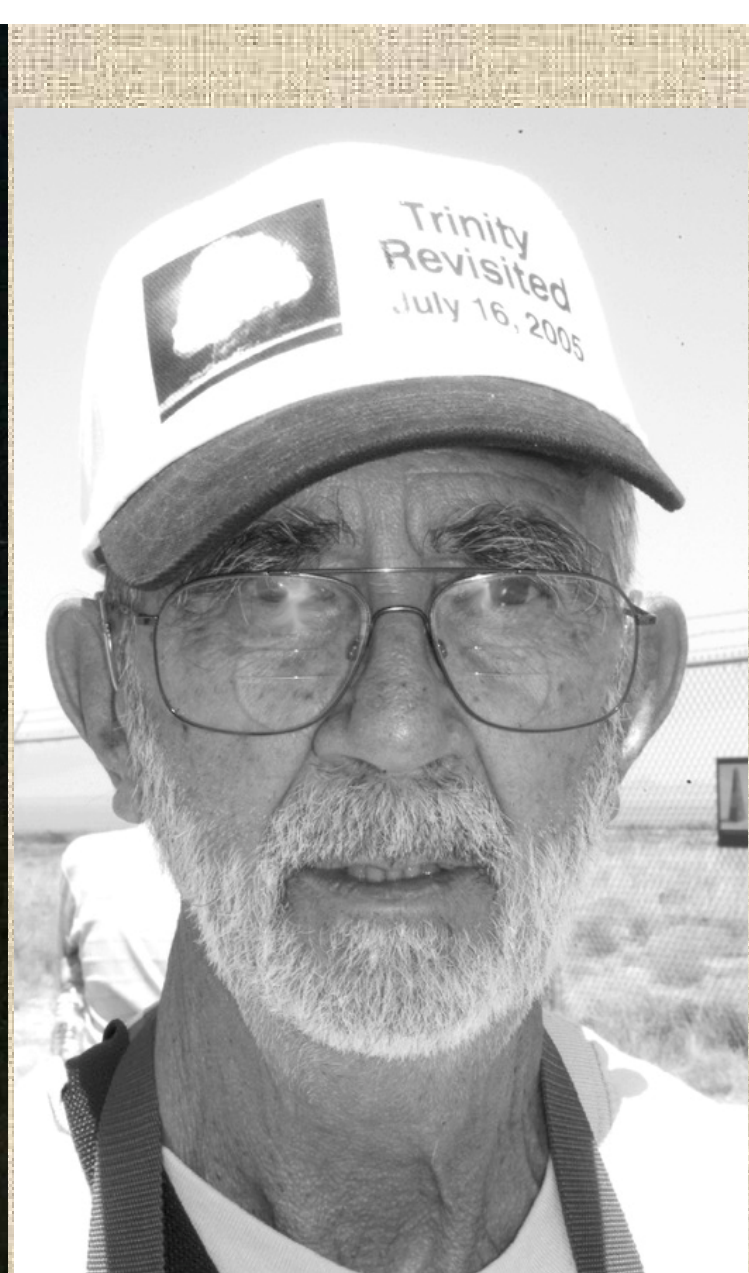
MARCH 2001





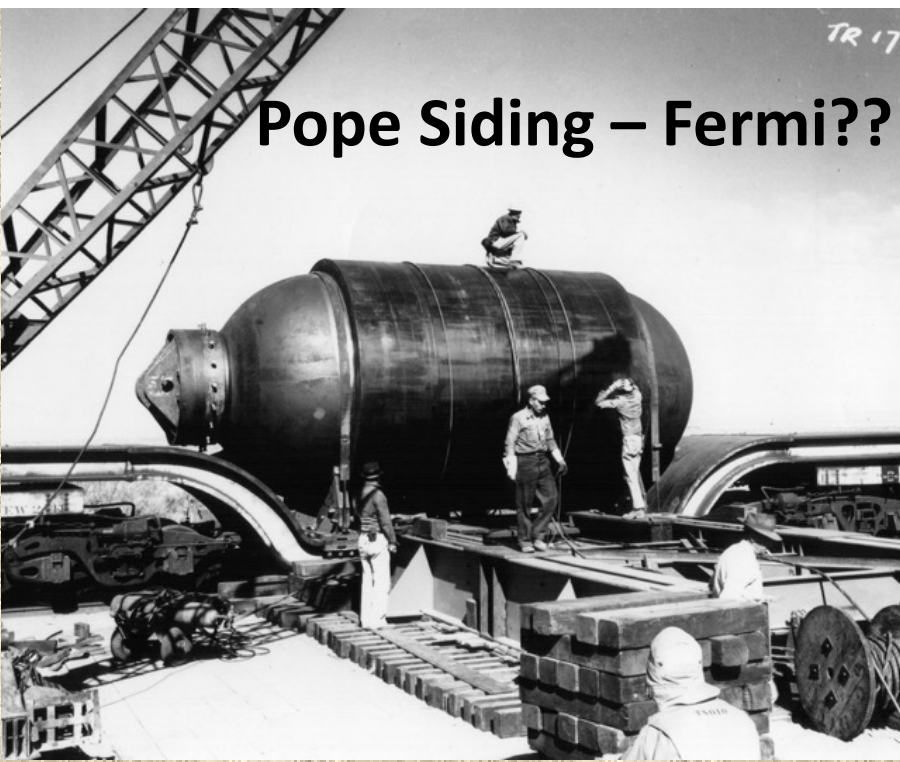
Berlyn Brixner's classic photo taken from North 10,000 using a Mitchell 35mm motion picture camera equipped with a 75mm lens.





**Jack Aeby,
photographer**

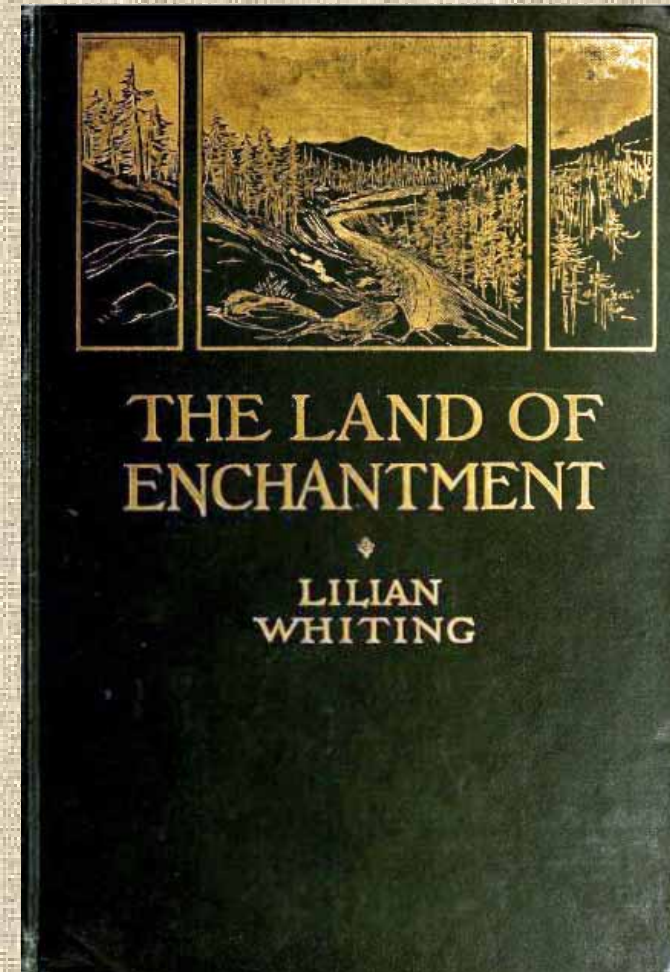
TR 17
Pope Siding – Fermi??



Eugene Manlove Rhodes
“No Mean City” in May 1919
Saturday Evening Post



Published in 1906





Jumbo
36 layers or
9" of banding





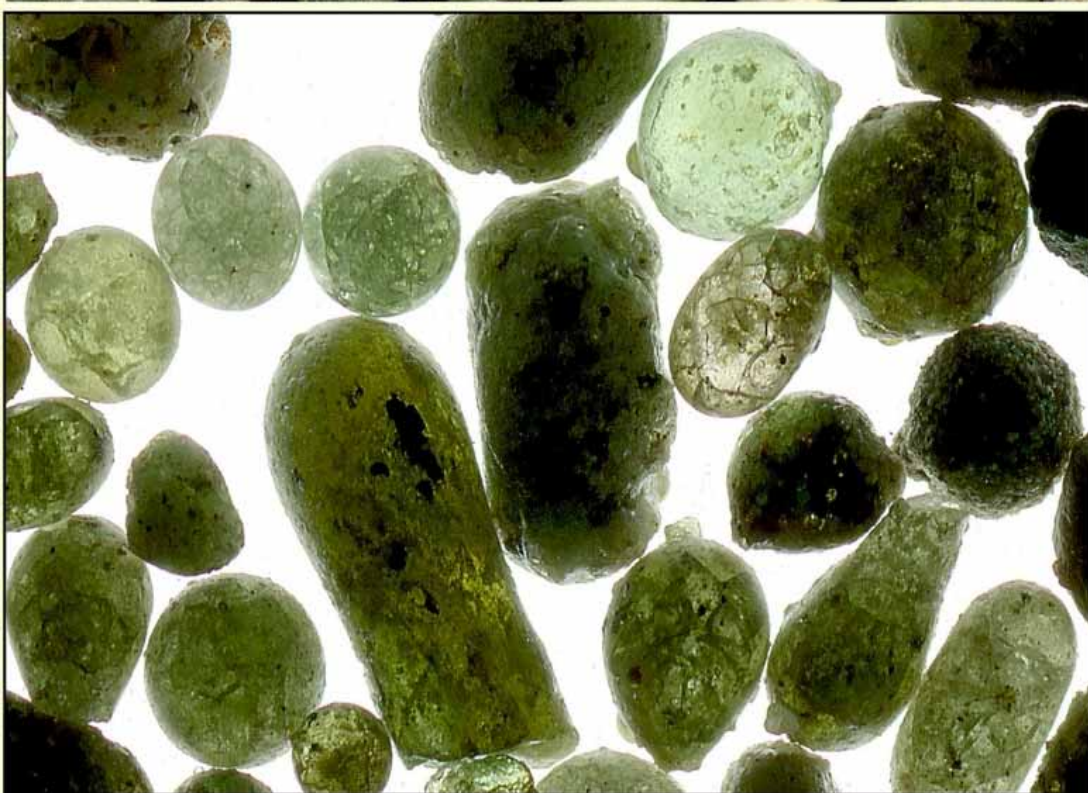
**William Laurence,
NY Times, at press
day in Sept. 1945 at
Trinity Site. Only
reporter on the
inside of the
Manhattan Project.**



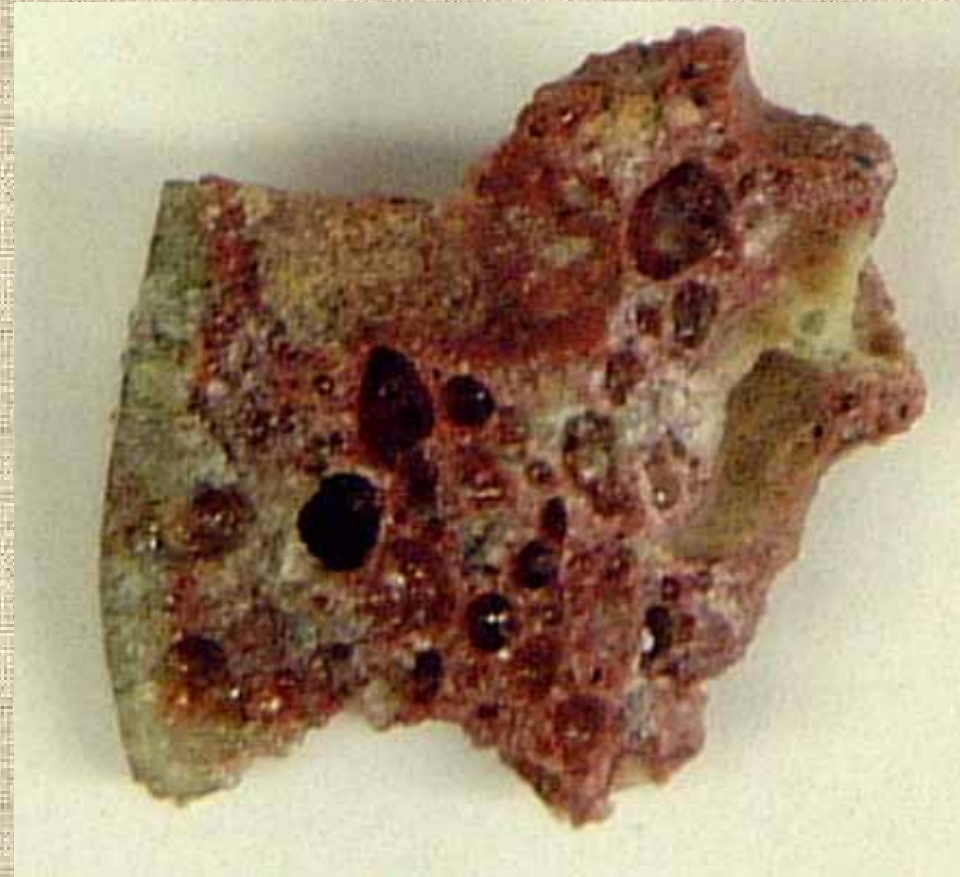
**The
Schmidt / McDonald
House**



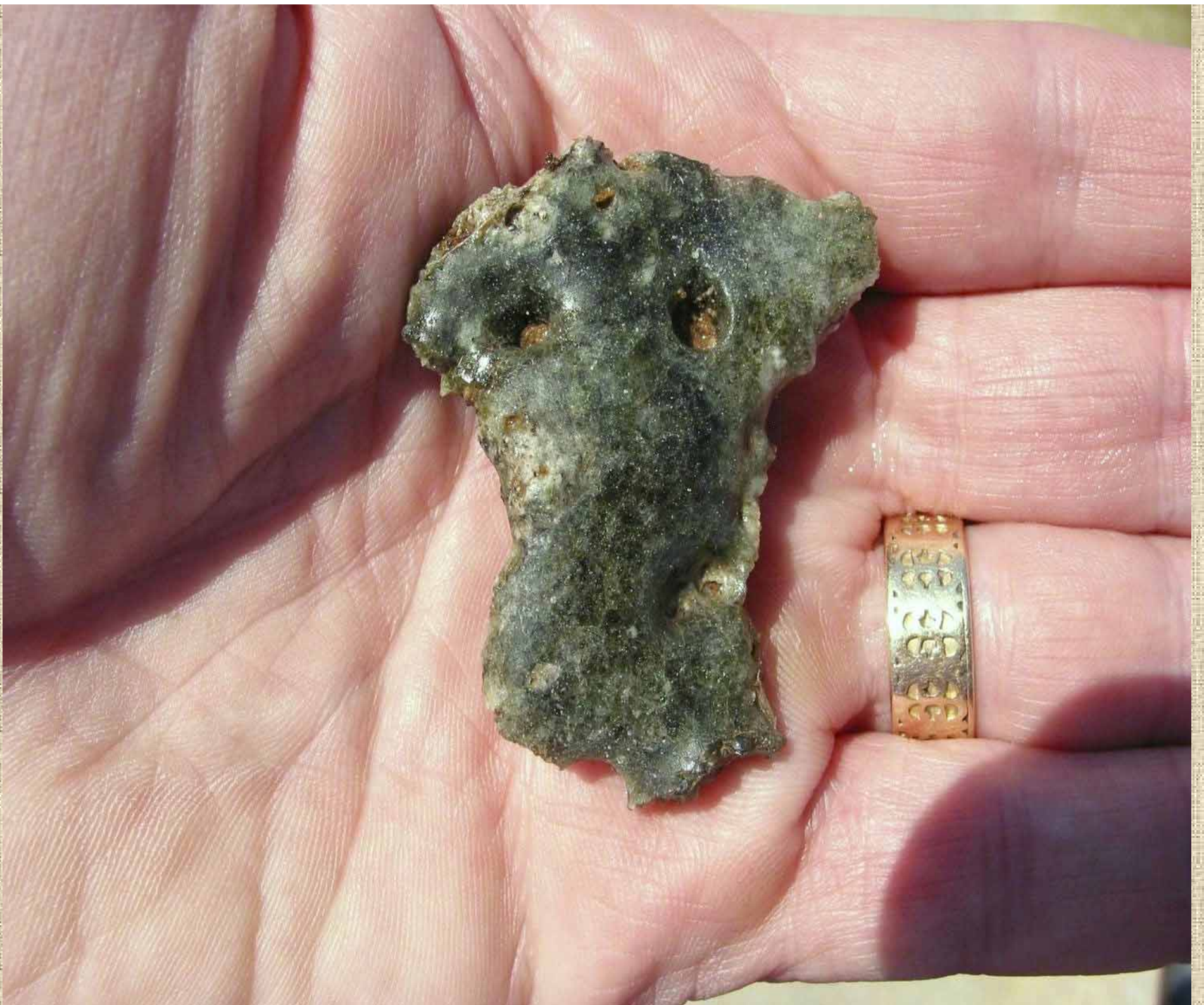
Frances



Trinitite Formation It rained down from the fireball



Very rare “red” Trinitite. The color is from copper – probably from the large coaxial cables on the north side of the tower.

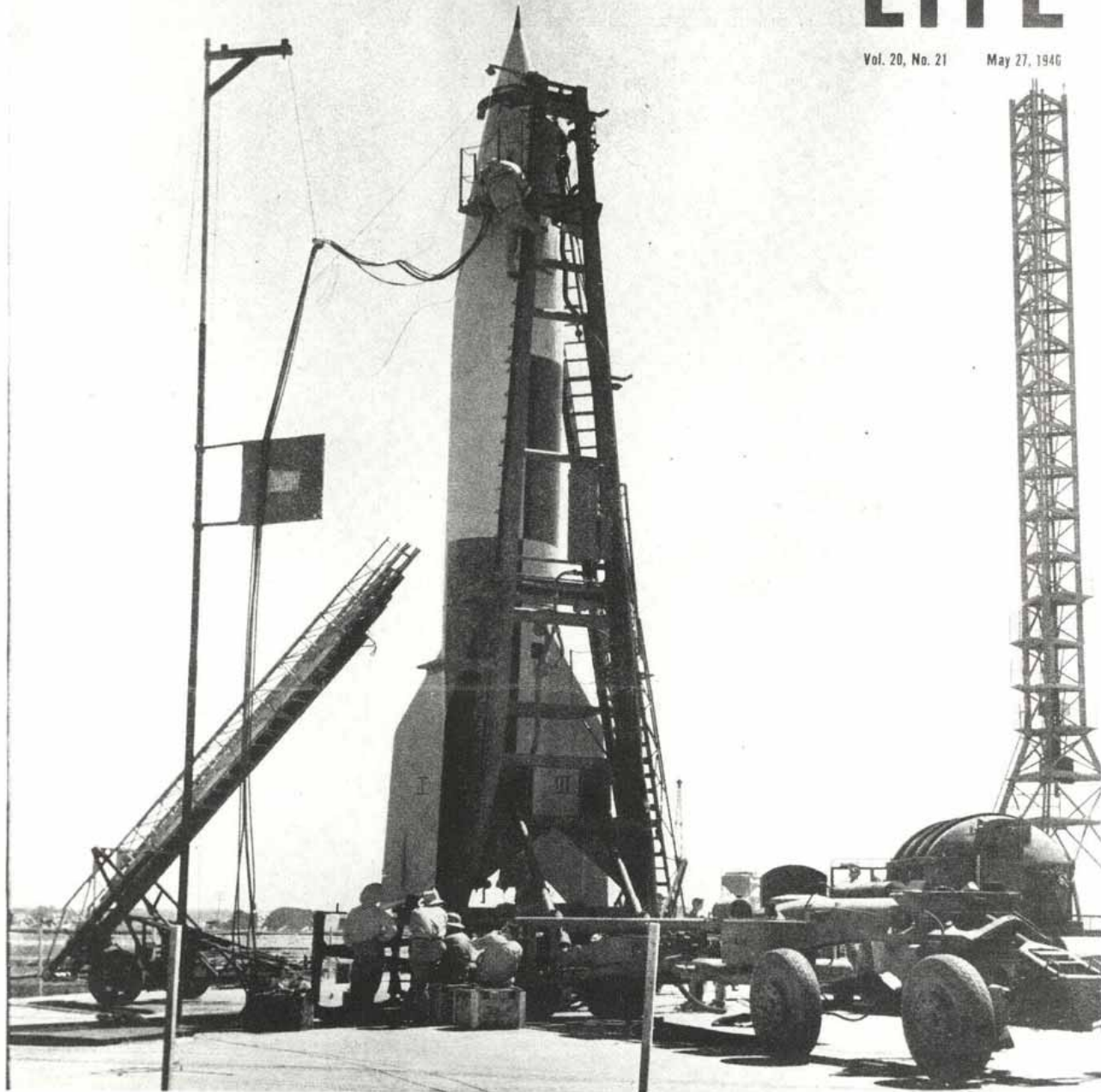


Two National Historic Landmarks



LIFE

Vol. 20, No. 21 May 27, 1946



BEFORE ITS FLIGHT THE V-2 IS FUELED ON THE WHITE SANDS FIRING RANGE. TOWER AT THE RIGHT HOLDS SMALLER U. S. WAC CORPORAL ROCKET, FIRED LATER

U.S. TESTS ROCKETS IN NEW MEXICO

OLDSMOBILE

New "Rocket" Ready!

Ready for take-off! Ready to thrill America with the most beautiful, most powerful Oldsmobile ever! Ready with Oldsmobile's glamorous new "long look" styling! Ready with a brilliant new "Rocket" Engine—sensational new Hydra-Matic Drive—effortless new steering ease! Watch for the launching date at your Oldsmobile dealer's! Make this *your* year to "Ride the Rocket"!



Red Smoke

Red smoke from the black-house means that a rocket is about to be launched! That is the signal used at the White Sands rocket base to show that a rocket is ready for the take off!

Make a Date with the "88"

LOWEST-PRICED "ROCKET"-HYDRA-MATIC CAR



FUTURAMIC

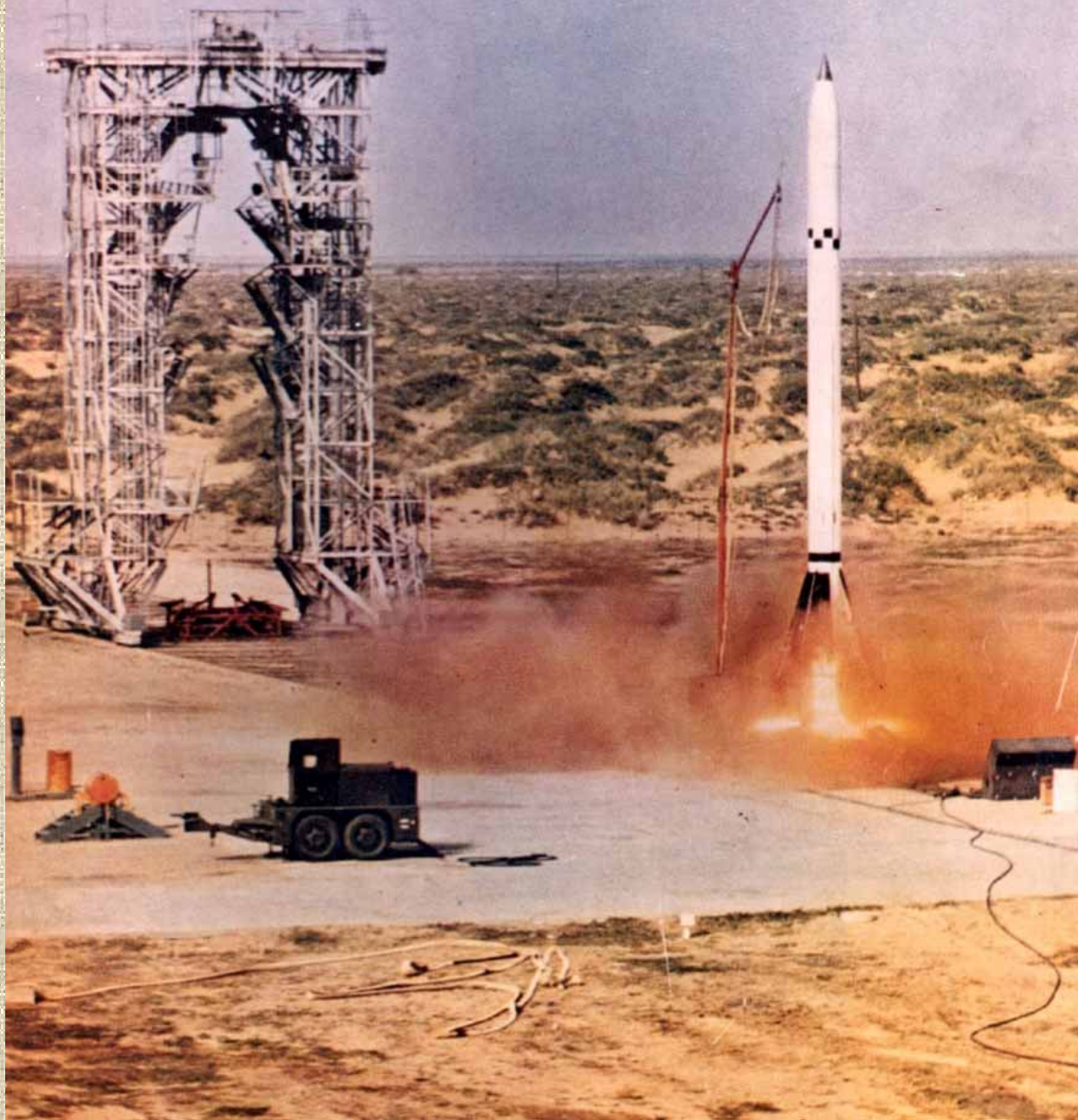
OLDSMOBILE

POWER PACKAGE FOR PLUS PERFORMANCE —
"ROCKET" ENGINE AND HYDRA-MATIC DRIVE !

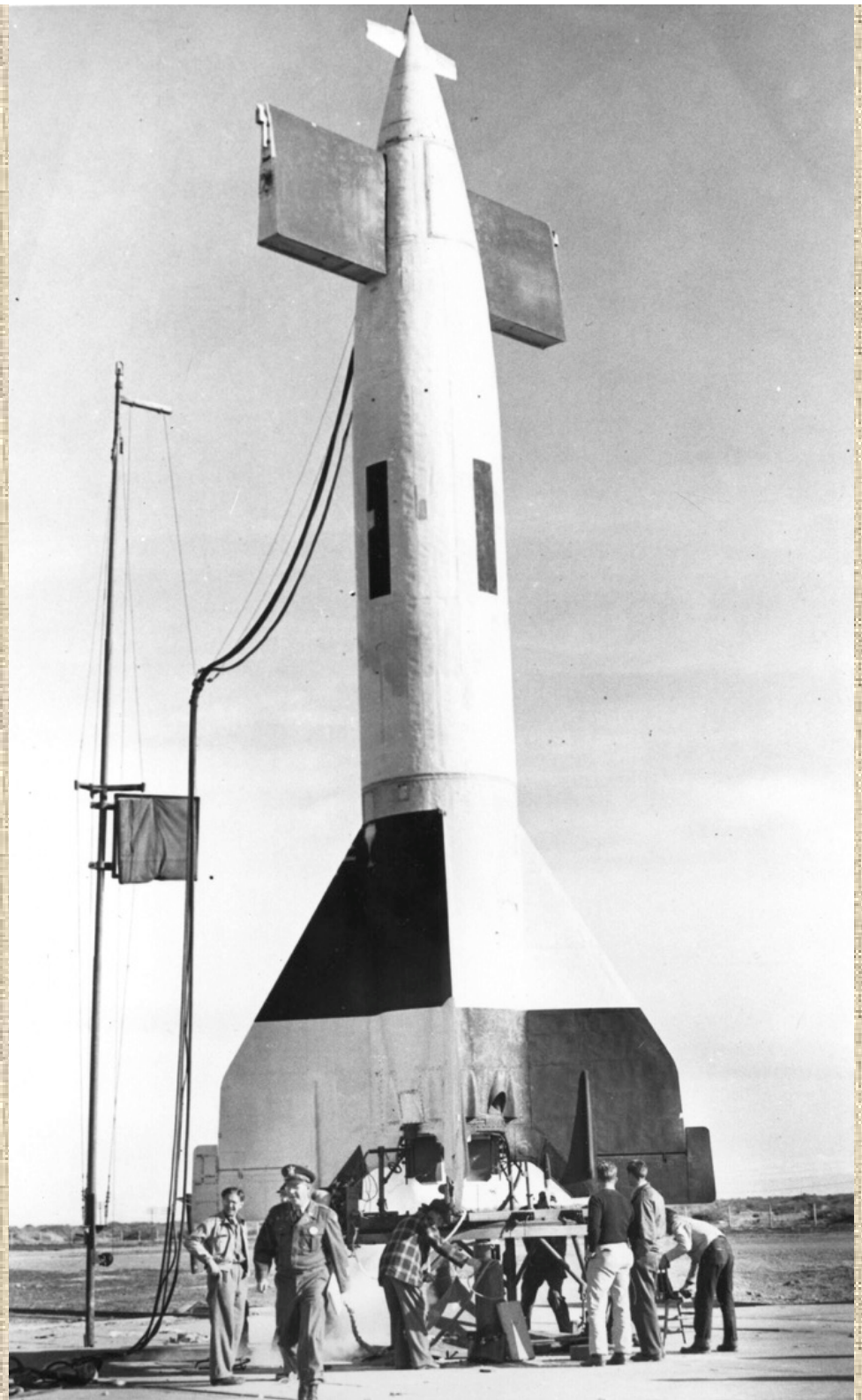


New Mexico

MAGAZINE



Hermes II rocket that crashed outside Juarez on May 29, 1947. This was on the heels of a V-2 that crashed northeast of Alamogordo on May 15, 1947.





OXYGEN

HEAT

FUEL



Jack Benny rides a WAC Corporal rocket on Christmas Day, 1951



Jack Benny and actress/singer Ann Blyth at the newly opened post theater on Christmas Day 1951.

"THE MOST FANTASTIC ENTERTAINMENT EVENT IN THE HISTORY OF THE MOTION PICTURE INDUSTRY!"

-HOLLYWOOD REPORTER

THE WORLD'S MOST HONORED SHOW

5 ACADEMY AWARDS
including
BEST PICTURE OF THE YEAR



plus
52 BEST PICTURE AWARDS AND WORLD WIDE PRIZES



SEE all the perils and hazards of a desperate dash around the globe.



SEE The hilarious highlight that made 13,000,000 people rock with laughter.



SEE the battle with the lemons as two men risk their lives on the strongest gamble ever made.



SEE a cast of thousands in a spectacular Sanitary Coast celebration.



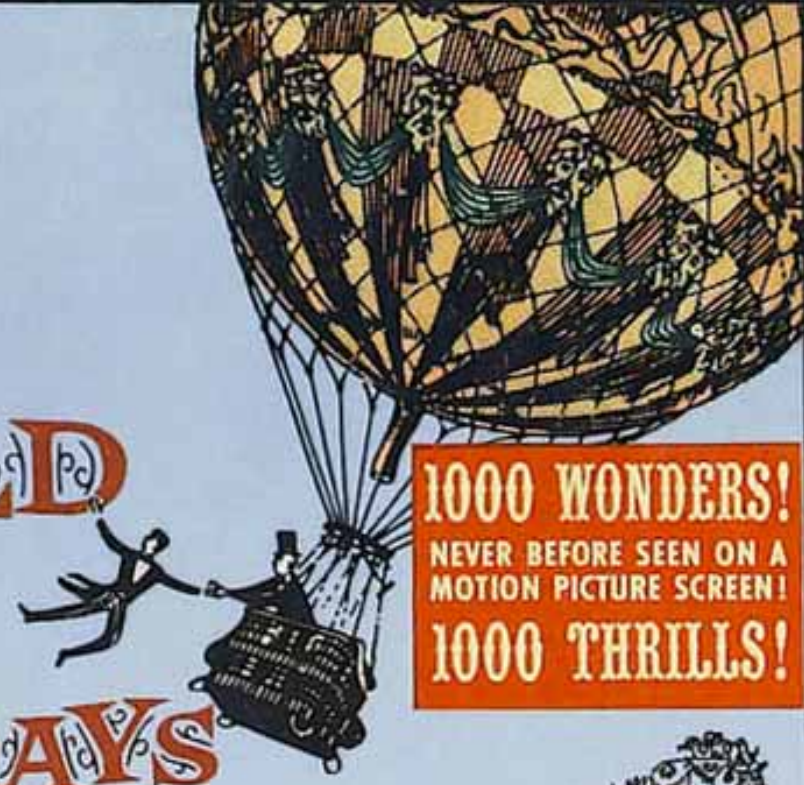
SEE the crossing of the western plains in the most fantastic vehicle ever devised.



SEE the beautiful Indian princess rescued from the flaming pyre at the torturous Indian Sutra site.

Michael Todd's

AROUND THE WORLD IN 80 DAYS



1000 WONDERS!
NEVER BEFORE SEEN ON A MOTION PICTURE SCREEN!
1000 THRILLS!

Featuring 44 Cameo Stars

- ★ CHARLES BOYER
- ★ JOE E. BROWN
- ★ MARTINE CAROL
- ★ JOHN CARRADINE
- ★ CHARLES COBURN
- ★ RONALD COLMAN
- ★ MELVILLE COOPER
- ★ NOEL COWARD
- ★ FINLAY CURRIE
- ★ REGINALD DENNY
- ★ ANDY DEVINE
- ★ MARLENE DIETRICH
- ★ LUIS DOMINGUIN
- ★ FERNANDEL
- ★ WALTER FITZGERALD
- ★ SIR JOHN GIELGUD
- ★ HERMIONE GINGOLD
- ★ JOSE GRECO
- ★ SIR CEDRIC HARDWICKE
- ★ TREVOR HOWARD
- ★ GLYNIS JOHNS
- ★ BUSTER KEATON
- ★ EVELYN KEYES
- ★ BEATRICE LILLIE
- ★ PETER LORRE
- ★ EDMOND LOWE
- ★ COL. TIM M-COY
- ★ VICTOR M-LAGEN
- ★ A. E. MATTHEWS
- ★ MIKE MAZURKI
- ★ JOHN MILLS
- ★ ROBERT MORLEY
- ★ ALAN MOWBRAY
- ★ ED MURROW
- ★ JACK OAKIE
- ★ GEORGE RAFT
- ★ GILBERT ROLAND
- ★ CESAR ROMERO
- ★ FRANK SINATRA
- ★ RED SKELTON
- ★ RONALD SQUIRE
- ★ BASIL SYDNEY
- ★ RICHARD WATTIS
- ★ HARCOURT WILLIAMS



"THE GREATEST SHOW NOW ON EARTH!" —THE NATIONAL BOARD OF REVIEW

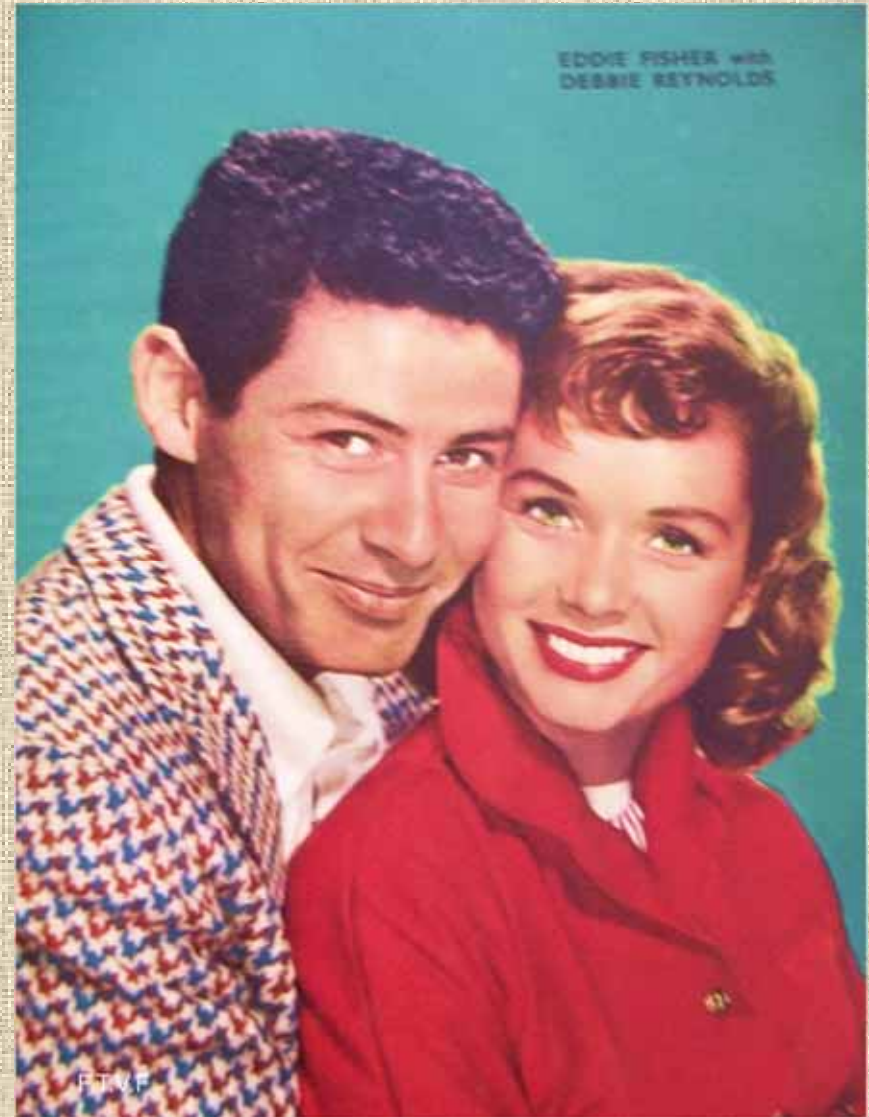
★★★ starring **DAVID NIVEN** ★ **CANTINFLAS** ★ **ROBERT NEWTON** ★ **SHIRLEY MacLAINE**

TECHNICOLOR Screenplay by JAMES POE • JOHN FARROW and S. J. PERELMAN From the Classic by JULES VERNE Directed by MICHAEL ANDERSON

1956



**Show business entrepreneur
Mike Todd**



**Eddie Fisher and Debbie Reynolds
Performed March 2, 1956**



Ben Burtt
Sound Design



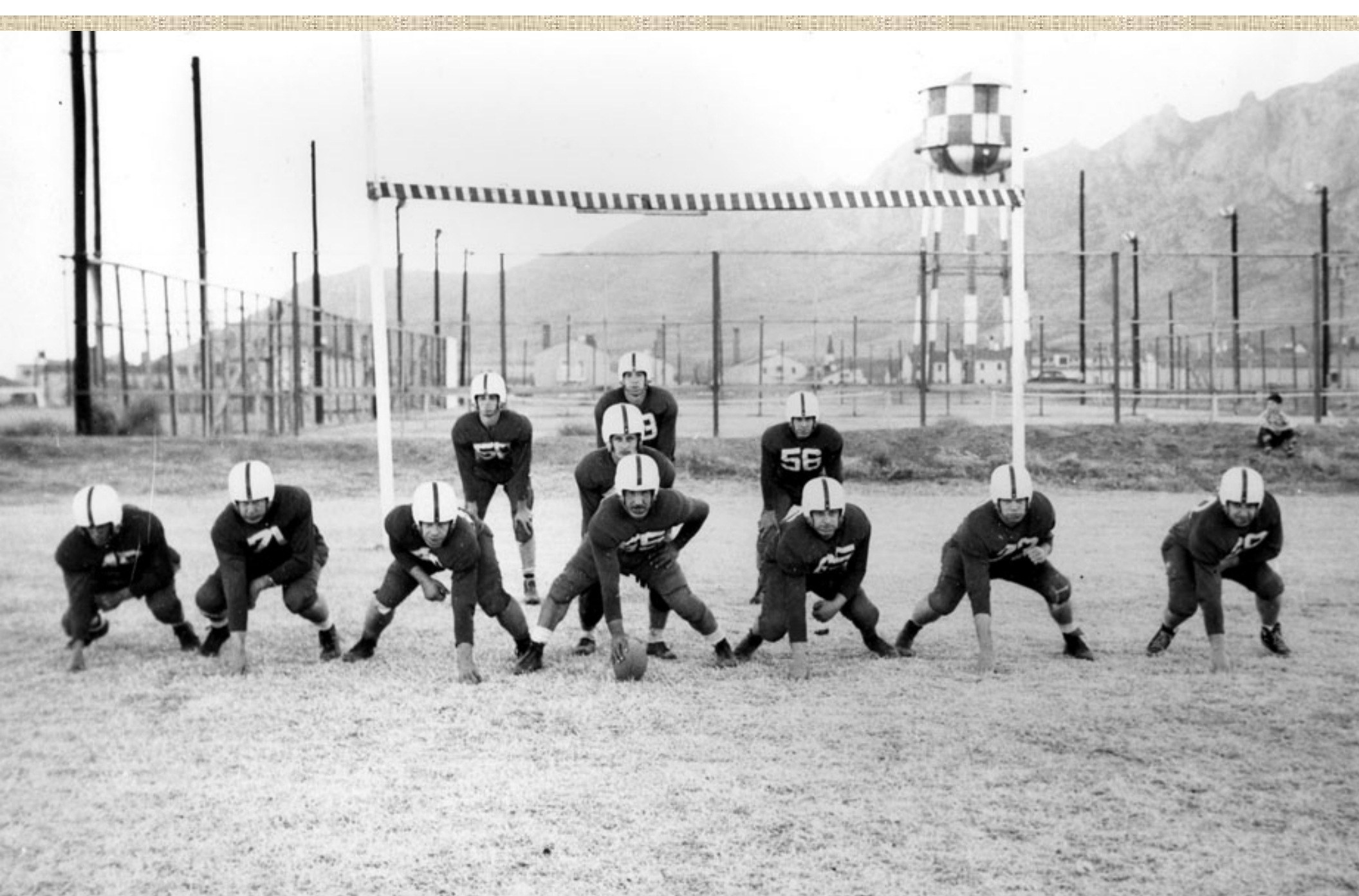
SPECIAL ACHIEVEMENT AWARD

CLINT EASTWOOD



FIREFOX





1950 offensive unit for the White Sands football team



**Dec. 3, 1950 – White Sands Red Devils vs. Nellis
AFB Mustangs in the Silver Bowl, Las Vegas, NV**

Courtesy Walter Patton, U.S. Marine Corps

Roswell Daily Record

RECORD PHONES
Business Office 2288
News Department
2287

ROSWELL, NEW MEXICO, TUESDAY, JULY 8, 1947

10 PAGES

Claims Army Is Stacking Courts Martial

Indiana Senator Lays Protest Before Patterson

Washington, July 8 (AP)—Sen. James H. Eastland, Democrat, today said "the fact remains in the Department of Defense is stacking courts martial in order to keep them out of the public eye."

In a letter to Secretary of War Patterson demanding a full investigation of Army military trial procedures, Senator Eastland also charged that the department was "stacking" courts martial.

"Whenever we get a letter from a military officer or a military judge or a military member of their own branch in the prosecution and defense of their fellow men," Eastland said, "we are made to believe that they are being stacked against them."

The Indiana senator made his point in a letter to Secretary of War Patterson, which he said was signed by Sen. Eastland, Eastland said, "I am sure that the department is stacking courts martial in order to keep them out of the public eye."

RAAF Captures Flying Saucer On Ranch in Roswell Region

House Passes Tax Slash by Large Margin

Defeat Amendment By Demos to Remove Many from Rolls

Washington, July 8 (AP)—The House passed today the bill to slash taxes by 40 percent, 400-100, against an amendment to remove many from the rolls.

The vote was 400 to 100, with 100 abstentions.

The bill would slash taxes on individuals and corporations, and on estates and gifts.

The vote was 400 to 100, with 100 abstentions.

Security Council Paves Way to Talks On Arms Reductions

Geneva, July 8 (AP)—The Security Council today paved the way for talks on arms reductions.

The council voted 9-0 to recommend that the United States and the Soviet Union should begin talks on arms reductions.

The vote was 9 to 0, with 10 abstentions.

No Details of Flying Disk Are Revealed

Roswell Hardware Man and Wife Report Disk Seen

The Roswell Hardware Man and Wife Report Disk Seen.

The Roswell Hardware Man and Wife Report Disk Seen.

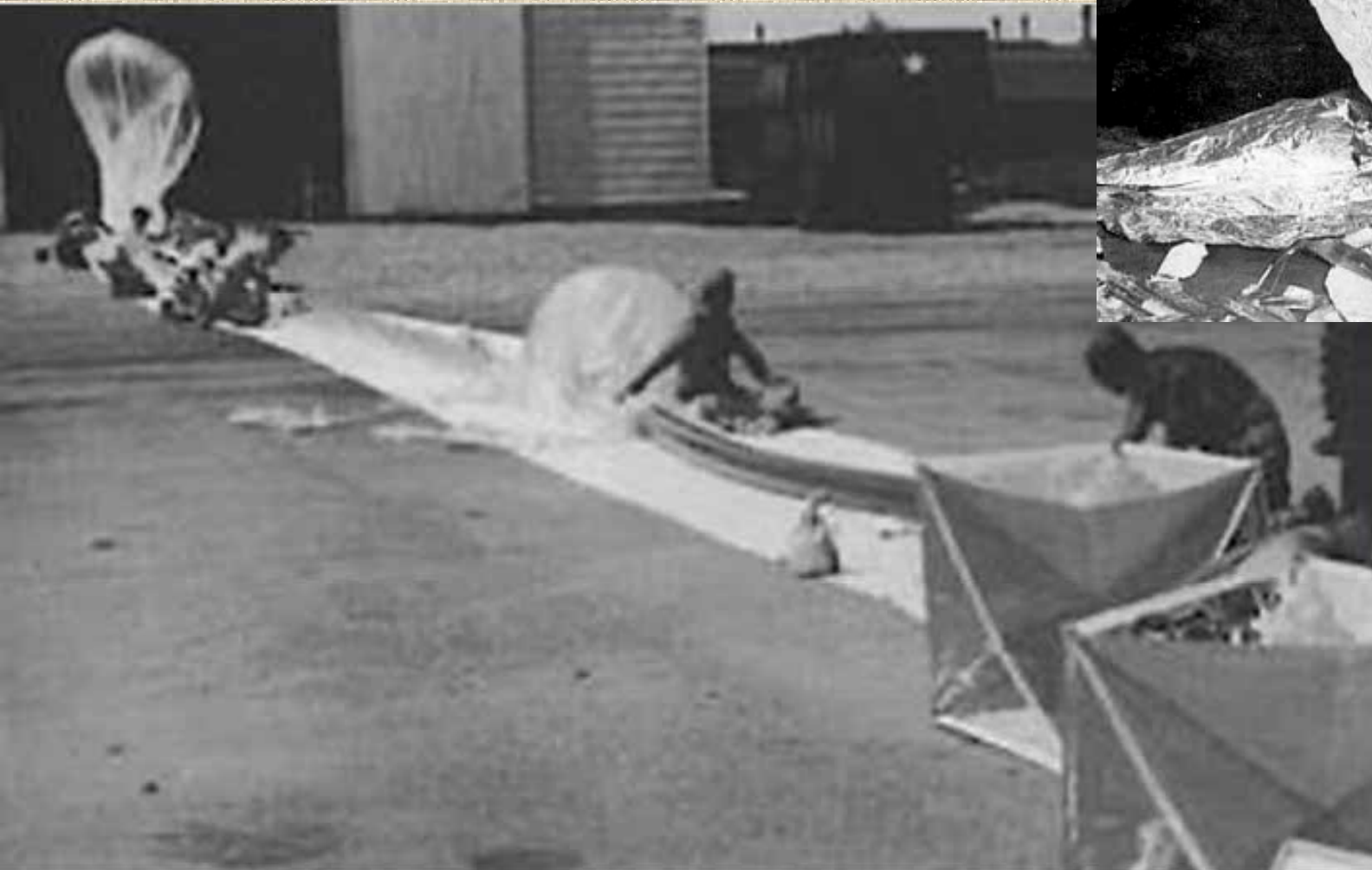
Ex-King Carol Weds Mme. Lupescu



“Flying disk” found outside of Roswell in July 1947.



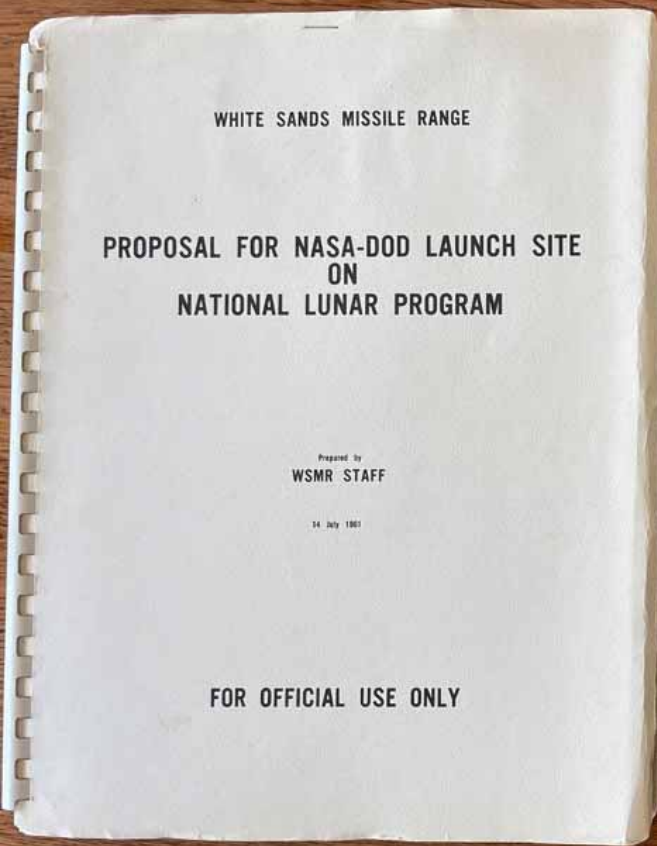
Project Mogul preparations for launch and project debris found near Roswell. Cover story was that it was “weather balloon” material.



Colonel (Dr.) John Stapp

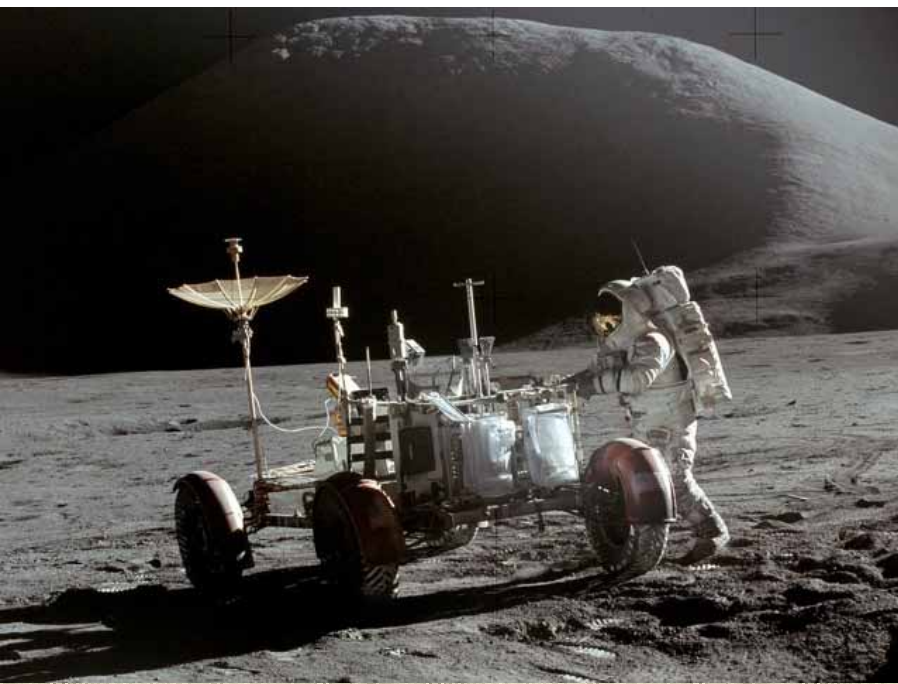


Sierra Sam
anthropomorphic dummy



**Apollo Launch Abort System
test using Little Joe rocket,
Launch Complex 36.**





**Apollo 15 moonsuit dust test
on Feb. 25, 1971**



Space Shuttle Columbia right after touch down at White Sands Missile Range on March 30, 1982.



**Lake Otero, now White
Sands Space Harbor
Lakebed is gypsum based**

**WSMR Oryx originally from
the Kalahari Desert**



Arabian Oryx – Unicorns?





10-year cougar study





Questions????

POCKETFUL OF ROCKETS

History And Stories Behind
White Sands Missile Range



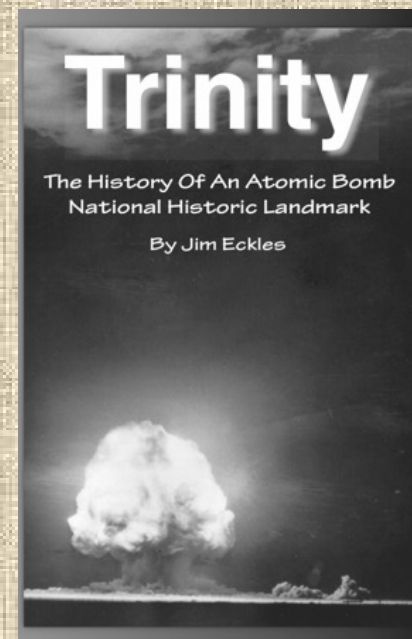
BY JIM ECKLES

Jim Eckles

Author, Historian and Public Speaker
Las Cruces, New Mexico

19jeckles50@gmail.com

575-521-8771



Trinity

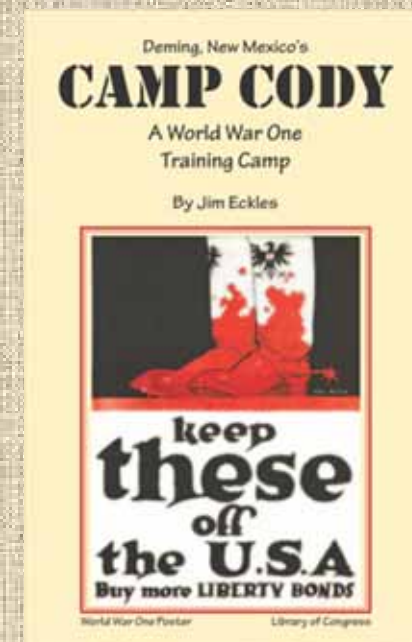
The History Of An Atomic Bomb
National Historic Landmark

By Jim Eckles

Some Presentation Topics:

- History of the V-2 rocket & how it propelled us into the Space Age
- History of Trinity Site, where the first atomic bomb was exploded
- History of Camp Cody, the World War I training camp at Deming, NM
- The story of the White Sands Missile Range ranchers, before and after
- The legend of Victorio Peak and its 100 tons of gold bars
- Ghost town on White Sands Missile Range
- Tales of White Sands

Books available from Amazon, the Mesilla Book Center & Coas in Las Cruces, White Sands National Monument, National Museum of Atomic Science and History in Albuquerque, Bradbury Museum.



Deming, New Mexico's CAMP CODY

A World War One
Training Camp

By Jim Eckles



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these
off
the U.S.A
Buy more **LIBERTY BONDS**

World War One Poster

Library of Congress