



US Army Corps
of Engineers
Rock Island District



Defense Environmental Restoration Program
for
Formerly Used Defense Sites
Ordnance and Explosives

Archives Search Report

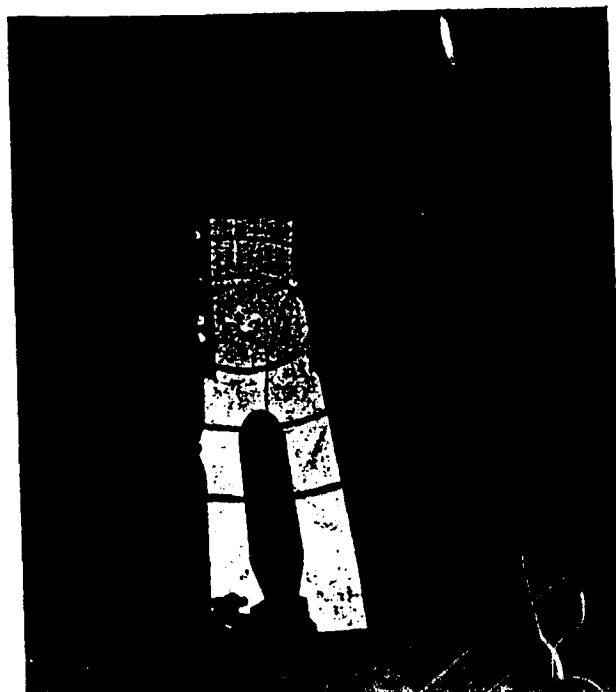
FINDINGS

for

Victorville PBR #4

San Bernardino County, California
Project Number JO9CA068901

March 1998



DEFENSE ENVIRONMENTAL RESTORATION PROGRAM
FOR
FORMERLY USED DEFENSE SITES

FINDINGS

ORDNANCE AND EXPLOSIVE
ARCHIVES SEARCH REPORT
FOR
VICTORVILLE PBR #4
VICTORVILLE, CALIFORNIA
PROJECT NUMBER JO9CA068901

March 1998

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ORDNANCE AND EXPLOSIVE
 ARCHIVE SEARCH REPORT
 FOR
 VICTORVILLE PBR #4
 VICTORVILLE, CALIFORNIA
 PROJECT NUMBER JO9CA068901

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ORDNANCE AND EXPLOSIVE
ARCHIVE SEARCH REPORT
FOR
VICTORVILLE PBR #4
VICTORVILLE, CALIFORNIA
PROJECT NUMBER JO9CA068901

FINDINGS

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ORDNANCE AND EXPLOSIVE
ARCHIVES SEARCH REPORT
FOR
VICTORVILLE PBR #4
SAN BERNARDINO, CALIFORNIA
PROJECT NUMBER JO9CA068901

1. INTRODUCTION

a. Subject and Purpose

(1) This report presents the findings of a historical records search and site inspection for ordnance and explosives (OE) presence located at the former Precision Bombing Range (PBR) #4, Victorville, California (see plates 1 and 2 for general location map). The investigation was performed under the authority of the Defense Environmental Restoration Program for Formerly Used Defense Sites (DERP FUDS).

(2) The site consists of approximately 640.00 FUDS eligible acres that were used by the Army Air Forces. The site was utilized as a practice bombing target for training bombardiers during World War II (see plates 1 and 3).

(3) The purpose of this investigation was to characterize the site for potential OE presence, to include conventional ammunition, missiles, and chemical warfare material (CWM). This was achieved by a thorough evaluation of historical records, interviews and on-site visual inspection results.

b. Scope

(1) This report presents the site history, site description, real estate ownership information, and confirmed ordnance presence (prior to and after site closure), based on available records, interviews, site inspections, and analyses. The analyses provides a complete evaluation of all information to assess current day potential ordnance presence, where actual ordnance presence has not been confirmed.

(2) For the purpose of this report, OE presence is defined as live ammunition, live ammunition components, CWM or explosives which have been lost, abandoned, discarded, buried, fired, or thrown from demolition pits or burning pads. These items were either manufactured, purchased, stored, used, and/or disposed of by the War Department/Department of Defense. Such

ammunition/components are no longer under accountable record control of any DOD organization or activity.

(3) **Expended** small arms ammunition (.50 cal or smaller) is not considered OE presence. OE further includes "explosive soil" which refers to any mixture in soil, sands, clays, etc., such that the mixture itself is explosive. Generally, 10 percent or more by weight of secondary explosives in a soil mixture is considered explosive soil.

2. PREVIOUS INVESTIGATIONS

a. 1991 Preliminary Assessment

(1) A Preliminary Assessment (PA) of the Victorville PBR #4 area was conducted under DERP FUDS by the U.S. Army Corps of Engineers, Los Angeles District (CESPL) on 24 July 1991 (site number JO9CA068901). At that time, it was determined that the site was used as a practice bombing area by the Department of Defense, specifically the Army Air Forces stationed at Victorville Army Air Field.

(2) The signed Findings and Determination of Eligibility, dated 23 July 1991, concluded that the Victorville PBR #4 site consisted of 640.00 acres, was used from 1942 to 1945, and was eligible for restoration under the purview of DERP FUDS (see table 2-1 and document E-1).

TABLE 2-1 1995 PRELIMINARY ASSESSMENT				
Project Number	DERP Category	Present Phase	Comments	Location
JO9CA068901	OE	SI	Ordnance & Explosives	See plate 1
--	HTRW	N/A	None Proposed	N/A
--	BD/DR	N/A	None Proposed	N/A

b. Other Investigations

There were no other pertinent investigations discovered during this site inspection.

3. SITE DESCRIPTION

a. Existing Land Usage

(1) The former Victorville PBR #4 is located in southern California in San Bernardino County. The site is located just east-southeast of Apple Valley, about 1 mile south of State Route 18 on Laguna Seca Drive. It is located in Township 4 North, Range 2 West of the San Bernardino Meridian, and includes portions of sections 5,6,7 and 8 (see document G-1).

(2) The estimated 640.00 acres that comprised the former Victorville PBR #4 is now owned by numerous private landowners (see table 3-1 and document G-9). Current plat maps and ownership information is available at the San Bernardino County Assessor's Office.

TABLE 3-1 LAND USAGE					
AREA	FORMER USAGE	PRESENT OWNER	PRESENT USAGE	SIZE/ACRES	COMMENTS
A	Bomb Target	Multiple Private Owners	Undeveloped	6.50	See Plates 3 and 4
B	Buffer Zone	Same as above	Same as above	226.80	See Plates 3 and 4
C	Safety Zone	Same as above	Same as above	123.30	See Plates 3 and 4
D	All Remaining Land	Same as above	Same as above	283.40	See Plates 3 and 4
Total FDE Acreage:				640.00	

b. Climatic Data

(1) The Mojave River Area of San Bernardino County primarily an arid desert climate that consists of hot, dry summers and moderately cool, slightly moist winters. Because of more mountainous terrain in the southern part of the county, there is a transition zone between the arid desert and the uplands that has a Mediterranean climate. The thermal belt in this region allows for a slightly longer growing season. Rainfall is scarce in all months with irrigation being required

for all crops. The precipitation increases with more snow in the mountains. In winter, the average temperature is 45 degrees F and in summer the average is 77 degrees F. The average daily minimum temperature in winter is 30 degrees F and in the summer, the average daily maximum is 97 degrees F.

(2) Gusting winds and duststorms are common in this area. The prevailing wind is from the west. Average windspeed is highest, 8 miles per hour, in the summer. Strong, dry winds come from varying directions throughout the year. A windspeed of more than 12 miles per hour is sufficient to lift and carry sand. The highest percentage of time when windspeed exceeds 12 miles per hour is from March through June.

(3) The total annual precipitation at Victorville is 5 inches. Thunderstorms occur about 3 days a year, mostly in the summer. Thirty percent of the precipitation occurs between April and September which is also the primary growing season for most crops. However, intense rainstorms of short duration can occur throughout the year. Snowfall averages 2 inches per year but days with snow on the ground are rare. The average relative humidity in midafternoon is about 20 percent (see references B-1, B-5 and B-6).

c. Topography

(1) The Mojave River Area is in the southwestern part of the Mojave Desert, in San Bernardino County, California. The area is characterized by broad alluvial fans, old dissected terraces, playas, with the Mojave River with its flood plains and scattered mountains dominating the landscape. There are two physiographic regions which make up the Mojave River Area; the San Bernardino and San Gabriel Mountains which make up 5 percent of the area, and the Mojave Desert making up the remaining 95 percent of the area. Victorville and the former Victorville PBR #4 are in the southwestern part of the county. The site is located southwest of the Granite Mountains and northeast of the Ord Mountains (see reference B-1).

(2) The site is primarily undeveloped property. The site is a mixture of semi-open areas covered with desert shrubs and brush. The site is primarily flat. The elevation varies slightly between 3060 and 3160 feet above sea level with a very gradual change between elevations.

d. Geology and Soils

(1) The Mojave River Area lies in southwestern San Bernardino County. The alluvial aquifer is composed of very permeable river deposits of Holocene age and Pleistocene age that are about 200 feet thick and lie within about a mile of the Mojave River. The soils in this area formed in residuum and alluvium. Those formed in residuum are mainly on the foothills and mountains of the San Bernardino Mountains and on desert inselbergs. Soils formed in alluvium are in basins and on alluvial fans and terraces of intermontane valleys. These soils are a composite from the Pleistocene and recent times (see references B-1 and B-9).

(2) The soils on the site are primarily of the Bryman-Helendale association, which dominates all of the site area. These consist of very deep, nearly level to strongly sloping, well drained soils that are found on alluvial fans and terraces. There are three different soil types that cover the site. The first and most dominant is the Lucerne sandy loam, 0 to 2 percent slopes. It is a deep, well drained soil formed in alluvium derived dominantly from granitic material with broad, smooth and nearly level slopes. Typically, it has a pale brown sandy loam surface layer about 2 inches thick with a moderate water capacity. Permeability of this soil is moderately rapid with a medium runoff. This soil unit is mainly used as wildlife habitat and homesite development but can be used for irrigated crops. The second soil is the Lucerne sandy loam, 2 to 5 percent slopes. It also has the same primary characteristics and uses as the first soil. Typically, the surface layer is pale brown sandy loam about 6 inches thick with an effective rooting depth of 60 inches or more. The last soil is the Wasco sandy loam, cool, 0 to 2 percent slopes. It consists of very deep, well drained soil on alluvial fans. It is also formed in alluvium derived dominantly from granitic material. Slopes are broad, smooth and nearly level. Typically, the surface layer is a light yellowish brown about 7 inches thick. The permeability of this soil is moderately rapid and available water capacity is low to moderate. Runoff is slow and the effective rooting depth is 60 inches plus. This soil unit is mainly used as wildlife habitat and grazing with limitations (see reference B-1).

e. Hydrology

(1) This entire area is drained by the Mojave River, which is formed by the merging of two tributaries that rise in the San Bernardino Mountains. Most of the land area of the

county drains east toward the Atlantic Ocean. The water-bearing alluvial deposits of the Mojave River are the major source of groundwater. The site lies in the Alto Subbasin of the Mojave River Basin. The Mojave River groundwater basin is dominated by extensive right-lateral strike-slip faults which displace the regional aquifer. Most of the county's water supply is taken from the ground by either shallow or deep wells within the county. Precipitation that falls in the San Gabriel and San Bernardino Mountains provides the source for nearly all of the recharge. Although there are vast quantities of water within the groundwater basins, some of the water is of poor quality. The mineral quality of the groundwater in the area varies greatly. Based on a well on the former site, the depth to groundwater is 238 feet (see reference B-1 and B-10).

(2) There are no primary surface water features directly associated with the site. Since the area is relatively flat, the general drainage for the site is by surface runoff toward the north-northeast.

f. Natural Resources

The United States Department of the Interior, Fish and Wildlife Service, Ventura Fish and Wildlife Office, has found an occurrence of a federal listed threatened wildlife species on or near site land. The desert tortoise occurs in the vicinity of the former Victorville Precision Bombing Ranges. No other threatened or endangered species have been specifically cited within the site by this agency.

(2) The State of California, Department of Fish & Game maintains a Natural Diversity Data Base (NDDB). The NDDB is an ongoing, continuously updated information base, comprehensive source of California endangered, threatened, or otherwise significant plant and animal species, natural plant communities and other natural features. Twenty plant and fifteen wildlife species are listed under various categories in San Bernardino County which may occur on site (see table 3-2, document F-1 and appendix A).

g. Historical/Cultural Resources

The Coordinator, Archaeological Information Center, San Bernardino County Museum, using the California Archaeological Inventory database determined that no known historical or archaeological resources exist on subject site land. However, the SHPO must be contacted prior to any remediation. Table 3-2

summarizes the natural and cultural resource information (see document F-2).

TABLE 3-2 NATURAL AND CULTURAL RESOURCES		
Resource Classification	Type	Comments
Wildlife	Desert Tortoise	Threatened
Vegetation		None identified
Historical/ Archaeological	None identified	Coordinate with SHPO

4. HISTORICAL ORDNANCE PRESENCE

a. **Chronological Site Summary**

(1) On 19 August 1942, the Commanding General, Army Air Forces, approved the acquisition of lands for eighteen bombing ranges to be used by the Victorville Army Flying School, Victorville, California, for the training of student bombardiers. Actual preparation for acquisition and site construction occurred prior to acquisition approval, as evidenced by historical documents dated 13 February 1942 and 4 April 1942 (see documents F-11, F-12 and G-3).

(2) One site selected, known as Victorville PBR #4 and being the subject of this report, consisted of 640 acres of desert land located in the southwest $\frac{1}{4}$ of Section 5, the southeast $\frac{1}{4}$ of Section 6, the northeast $\frac{1}{4}$ of Section 7, and the northwest $\frac{1}{4}$ of Section 8, all within Township 4 North, Range 2 West, of the San Bernardino Base and Meridian, San Bernardino County, California. The land for this site was acquired through condemnation on 10 April 1943 (see documents G-2, G-4, and L-1).

(3) After the acquisition of Victorville PBR #4 lands, military related improvements were said to consist of frame butts and appurtenances, fences and gates, a night lighting system, and a bombing target. The bombing target consisted of asphalt/field mix oil strips, approximately five feet wide, configured as three concentric circles with approximate radii of 100, 200, and 300 feet. In addition, there were two strips of asphalt/field-mix oil transecting the concentric circles at right angles to each other, with a frame target in the center. The target area was a cleared area, surrounded by fencing, and octagonal in shape with approximately 900 foot to each side (see

documents E-1, F-5 through F-7, F-10, F-13, L-3 and plate 3).

(4) The Victorville PBR #4 site was developed to support day and night, low and high altitude practice bombing by AT-11 aircraft with student bombardiers of the Victorville Army Flying School (later to become the Victorville Army Air Field and George Air Force Base). Ordnance dropped by student bombardiers of this station consisted of M38 100-lb. practice bombs, M47A2 100-lb. chemical bombs (sand filled, used as practice bombs), and M85 100-lb. practice (concrete) bombs. Ordnance utilized to illuminate target areas for student bombardiers, prior to the installation of night lighting systems, included flare pots and parachute flares (see documents F-3 through F-6 and F-8).

(5) On 6 October 1945, a letter was sent from the Army Air Forces Western Flying Training Command (AAFWFTC) to the AAF Training Command declaring the Victorville Bombing Targets of no further use to the AAFWFTC. Victorville PBR #4 was declared excess on 15 January 1946. Then, on 26 January 1946, Victorville PBR #4, along with most of the other Victorville PBRs, were declared surplus. On 20 March 1946, a request was made to withdraw PBR #4 from the surplus category for reassignment to the Army Air Forces. Then on 15 April 1946, Victorville PBR #4 was withdrawn from surplus and placed in an active status. There was no evidence uncovered to indicate the range was ever used again when it was reactivated. On 12 January 1948, the bomb target was once again declared surplus. Finally, on 3 September 1948, accountability for the 640 acres was transferred to the War Assets Administration (see documents F-9, F-14 and G-5 through G-8).

(6) Currently, the property is under the ownership of approximately 80 private landowners. Other than the remnants of the bomb target, no DOD improvements exist on the site. A few private residences are located on the northeastern portion of the former site, otherwise the land is vacant and undeveloped. Virtually all of the former site is accessible by 4-wheel drive or off-road vehicles and by foot. Site usage is expected to remain the same (see photos J-1 through J-16 and plate 5).

b. Ordnance Records Review

(1) A historical document search was conducted by the site inspection (SI) team to obtain ordnance related records relevant to the Victorville Precision Bombing Range #4, Victorville, California. Research sites included, but were not

limited to, the National and State Archives, state, county, and local libraries, historical centers and societies, local newspapers, state, county, and local law enforcement agencies, and current owners of the former site (see appendix A for a complete listing of contacts).

(2) A page out of a historical document from the History of Victorville Army Air Field, Victorville, California, dated 1 November - 31 December 1944, displays the base ordnance supply inventory. It mentions several bombs that were on hand to include the M38A2 100-lb. practice bombs, M47A2 chemical bombs, and the M85 100-lb. concrete bombs in addition to other ordnance items (see document F-4).

(3) Several documents discuss the status of deduinding actions at the former bombing ranges. The first document is a response to a request to neutralize the Victorville bomb targets. The written response is by Army Service Forces, Headquarters, Camp Haan, California, dated 20 August 1945, to Commanding General, Ninth Service Command, Fort Douglas, Utah stating that disposal of live bombs at Victorville Army Air Field Targets has been accomplished. The second document is a deduinding report that states no certificate of clearance has been submitted to Victorville Army Air Field. It also states that 100-lb sand filled practice bombs were used on all Victorville targets except demolition targets Y and Z (subject site not specified as demo target). The third statement is from the Department of the Army, Office of the Chief of Engineers, 9200th TSU-CE, Detachment #15, Bomb And Shell Disposal Team, dated 17 June 1948. It is a deduinding statement that confirms Victorville PBR #4 has been cleared and is safe for public use without further decontamination required. This verifies that M47A2 chemical bomb bodies were filled with sand rather than agent (see documents F-3, F-15 and F-16).

(4) A couple of documents identify PBR #4 as being prepared and used as a night bombing target in addition to daytime use by early February 1943. They also mention that flare pots and aircraft flares were used to illuminate targets prior to night lighting installation (see documents F-5 and F-6).

(5) An aerial photograph from 1990 displays the bomb target of Victorville PBR #4 (see photo K-1).

(6) A couple of historical photographs show the outer portion of the Victorville PBR #4 target area during World War

II (see photo K-2).

(7) An aerial photograph displays the overlaid flight path and locations of the "Series A" bomb targets for Victorville AAF (see photo K-3).

(8) A couple of maps depict the location of all the Victorville Bombing Targets and the flying patterns used for the different bomb target series (see documents L-1 and L-5).

(9) Aeronautical charts depict the danger area associated with the Victorville Bombing Ranges (see documents L-2 and L-4).

(10) A grid map of the local flying area for Victorville Army Air Field depicts all their auxiliary fields and bombing targets, with Victorville PBR #4 displayed (see document L-3).

c. Interviews With Site-Related Personnel

(1) Efforts to locate individuals who had knowledge of the Victorville Precision Bombing Range #4 at Victorville, California were not very successful. The inspection team located a couple of individuals who had some historical knowledge about the military activities that took place in the area during the World War II time frame.

(2) Interview I-1 was with Bill Myers and Bob Hall, special detectives with the San Bernardino Sheriff's Bomb Squad. They stated that they receive over 200 calls per year regarding military munitions. He said that most munitions recovered have been moved a number of times before they are notified, so they are unable to determine the original location of the munitions. Mr. Myers stated that ordnance items were found at some of the former Victorville PBRs. However, he never identified PBR #4 specifically as an area containing a reported/discovered munition presence.

(3) Interview I-2 was with Jerry Bronson, the North Zone Supervisor for the Law Enforcement Rangers for the Bureau of Land Management, Barstow Field Office. He stated that OE items were found near Victorville PBR #N-3. He also stated that rangers have found ordnance items in the past, but would always call the EOD unit at Ft. Irwin to remove them.

(4) Interview I-3 was with CPT Grimes, 1SG Fortney and

SFC Woods of the 759th Ord. Co. (EOD) at Ft. Irwin, California. None of them could ever recall responding to any of the former Victorville PBRs. They were not aware of any OE being discovered at any of these sites.

(5) Interview I-4 was with MSgt Hepner and TSgt Glinka of the 95th CEG/CED at Edwards AFB. MSgt Hepner has only been there a few months while TSgt Glinka has been staticned there for the last 5 1\2 years. Neither could recall ever responding to OE incidents at any of the former Victorville PBFs. Also, neither had any knowledge of any OE incidents occurring at the Victorville PBRs.

5. SITE ELIGIBILITY

a. Confirmed Formerly Used Defense Sites

(1) Former land usage of the Victorville PER #4 site has been confirmed and summarized in the COE Findings and Determination of Eligibility (see document E-1). The Victorville PBR #4 site, located in San Bernardino County, California, was used as an Army Air Corps low and high altitude practice bombing range.

(2) By 1948, all acreage that had been owned by the War Department was relinquished to the War Assets Administration and further sold to several private landowners. Today, no ownership of the former Victorville PBR #4 site remains with the Department of Defense.

b. Potential Formerly Used Defense Sites

There were no additional potential formerly used defense sites discovered during the course of this Archive Search Report.

6. VISUAL SITE INSPECTION

a. General Procedures and Safety

(1) During the period 22 - 26 January 1998, members of the SI team, consisting of Eric Aubrey, Jodi Bausmar, Chuck Holcombe and George Ofslager, assessed the former Victorville Precision Bombing Range #4 located in Victorville, California. The main areas of the former site have been virtually undeveloped since site closure. The primary task of the inspection team was to assess the former site for OE presence.

The site inspection was limited to non-intrusive methods. Subsurface sampling was neither authorized nor performed.

(2) Real Estate rights-of-entry were not obtained by the SI team due to the willingness and cooperation from the property owners of the former Victorville PBR #4 to authorize access on the acreage that made up the former site. Control of the former site therefore remained with these personnel with safety oversight from the inspection team.

(3) A site safety plan (see reference B-3) was developed and utilized by the SI team to assure safety from injury during the site inspection of this facility. A briefing prior to the inspection was conducted which stressed that OE should only be handled by military EOD personnel.

(4) Prior to the site visit, a thorough review of all available reports, historical documents, texts, and technical ordnance reference materials gathered during the historical records search portion of the ASR was made to ensure awareness of potential ordnance types and hazards.

b. Area A: Bomb Target

(1) This 6.5-acre area, located in the center of the 640-acre site, was the location of three concentric asphalt circles, which denoted the target for which the bombardiers would aim when dropping their practice bombs. The target circles are still readily visible on site (see photos J-8, J-9, K-1 and plate 5).

(2) The former site is currently owned by various different landowners. The terrain is virtually flat with a mixture of light brush and grass. Dirt roads criss-cross the center of the target area that were the crosshairs of the bomb target. Other than powerlines that run east and west along the dirt road, this area is basically undeveloped and unused property (see photos J-1, J-2, J-5, J-7, K-1 and plates 3, 4 and 5).

(3) The SI team walked this area and easily found the remains of the asphalt target rings. Also, scores of spotting charge remnants, associated with M38A2 100-lb. sand-filled practice bombs, were discovered scattered throughout this area (see photos J-10, J-12 and plate 5).

c. Area B: Buffer Zone

(1) This 226 acre area is an error zone for ordnance misses (attributed to bombardier training error) landing beyond the confines of the bomb target area. The outer border of the buffer zone was octagon shaped with each side being approximately 900 feet in length. The buffer zone boundary was at one time a 50-foot wide area completely cleared of above ground vegetation. Over the past 50+ years some of the heavier vegetation has grown back (see photos J-6, K-1 and plates 3, 4 and 5).

(2) The former site is owned by numerous private landowners. The terrain and vegetation is identical to Area A. There is no evidence remaining of any military improvements such as a gate or fencing. This is currently undeveloped and unused property with no immediate plans projecting a change in its present usage. There is still the remains of an abandoned dry water well on site (see photo J-16 and plate 5).

(3) The SI team discovered the same OE related evidence as in Area A. Basically, spotting charge debris and other remnants of M38A2 practice bombs were scattered throughout the area (see photo J-11 and plate 5).

d. Area C: Safety Zone

(1) This 123 acre area surrounds the buffer zone and is an estimated and reasonable additional error zone for bombardier training misses. There is no evidence of any remaining military improvements in this area (see photos J-14, J-15 and plates 3, 4 and 5).

(2) This area is currently under private ownership. The terrain and topography are consistent with Areas A & B. This is currently undeveloped and unused property and there are no immediate plans projecting a change in its present usage.

(3) The SI team walked the site but discovered no physical OE evidence in this area.

e. Area D: All Remaining Land

(1) This area consists of the remainder of the former site. The remainder of the land is also owned by various private landowners. There are a few private residences located on the northeast portion of this property, otherwise it remains

undeveloped and unused. Physically, the remaining property matches the make up of Areas A, B & C. There are dirt roads that go along the outside border of the entire site (see photos J-3, J-4 and plates 3, 4 and 5).

(2) The site inspection team conducted an extensive visual search of Area D. No OE evidence was discovered on any portion of Area D.

7. EVALUATION OF ORDNANCE PRESENCE

a. General

(1) This land was evaluated to determine confirmed, potential, or uncontaminated ordnance presence.

(2) **Confirmed ordnance and explosives (OE) presence** is based on **verifiable** historical record evidence or direct witness of OE items (with explosive components and/or inert debris/fragments) since site closure. Additional field data is not needed to identify a confirmed site.

(a) **Verifiable historical record evidence** is based on **OE items actually seen on site** since site closure and authenticated by: historical records (Archive Records, Preliminary Assessment Reports, Site Investigation Reports), local fire departments and law enforcement agencies/bomb squads, military Explosive Ordnance Disposal (EOD) Units, newspaper articles, photographs, or maps.

(b) **Direct witness** of OE items consists of the inspection team(s) and other credible witnesses as determined by the ASR Research Team Leader (landowners, workers on-site, soldiers who served there, etc.) verifying that they have seen OE presence on the surface or subsurface since site closure.

(3) **Potential ordnance and explosives (OE) presence** is based on a lack of confirmed OE presence. Potential OE presence is inferred from records, present day site features, non-verifiable direct witness, or indirect witness. Additional field data is needed to confirm potential OE sites.

(a) **Inference from historical records** is based on **no OE items actually seen on site** since site closure and would include documentation (records, aerial photographs, maps) indicating possible OE presence derived from common practice in production, storage, usage, or disposal, at that time and from

records indicating known usage.

(b) **Inference from present day site features** would be the indication of possible OE presence from such obvious features as target circles, depressions, mounds/backstops, OB/OD areas/pits, etc.

(c) **Indirect witness** would be people who have stated that they have heard of OE presence on-site (hear-say evidence).

(4) **Uncontaminated** ordnance subsites are based on a lack of confirmed or potential ordnance evidence. All historical records evidence and present day site inspections do not indicate confirmed or potential ordnance presence. There is no reasonable evidence, either direct or inferred, to suggest present day ordnance presence. Additional field data is not needed to assess uncontaminated ordnance site.

b. Area A: Bomb Target

(1) Area A is an area of **confirmed OE presence**. Evidence of this former bomb target, of which this investigation is being conducted, is still present. This area is covered with the remnants of M38A2 practice bomb and spotting charge debris components. There was possible evidence of M85 concrete practice bombs also being dropped on this site, which incorporated the same spotting charge as the M38A2 practice bombs. Based on the amount of spotting charge debris found on the surface, there is a possibility of subsurface remains of practice bombs and their incorporated spotting charges.

(2) All discovered practice bomb, spotting charge, and spotting charge fuze debris was devoid of explosives or explosive residue. Although flare pots and aircraft flares were said to have been used for a period of time to illuminate targets, there was no historical or physical evidence found to substantiate a remaining presence.

c. Area B: Buffer Zone

(1) Area B is an area of **confirmed OE presence**. There are no former physical structures or other DOD improvements remaining in the area.

(2) During the inspection of this area by the SI team, there was evidence of practice bomb and spotting charge debris

encountered, of the same type(s) found in Area A.

(3) All discovered practice bomb, spotting charge, and spotting charge fuze debris was devoid of explosives or explosive residue. Although flare pots and aircraft flares were said to have been used for a period of time to illuminate targets, there was no historical or physical evidence found to substantiate a remaining presence.

d. Area C: Safety Zone

(1) This area is a 100-foot wide boundary around the buffer zone. It is possible that the same type of munition items discovered by the SI team on the surface in Areas A and B are also present on the surface or subsurface of Area C.

(2) The SI team performed a surface visual inspection of this area, to the greatest extent possible, revealing no OE presence. Area C should be considered to be an area of **potential** OE presence (see plate 4).

e. Area D: All Remaining Land

(1) The remaining property has a few isolated houses on the northeastern section, but otherwise, the land still remains undeveloped at this time. There are currently no known plans to develop any of the remainder of the site.

(2) There was no OE discovered by the inspection team during the investigation of this area. During the search of Area D, there was no noticeable usage of this area by off-road vehicles. Recreational off-road activity could suggest the removal or disturbance of OE related remnants over the years. Also, no major off-road activity was observed in Areas A, B and C. Based on the site inspection, this area should be considered to be **uncontaminated** (see plate 4).

8. SITE ORDNANCE TECHNICAL DATA

a. End Item Technical Data

- (1) Table 8-1, on the next page, contains a listing of ammunition and explosive fillers for only the items confirmed as used on the practice bombing range.
- (2) Technical data and drawings relative to the end

items listed in Table 8-1 can be found in Appendix D.

b. Chemical Data of Ordnance Fillers

Table 8-2 has been developed to provide information on the explosive/chemical compounds used in the OE items cited in Table 8-1.

TABLE 8-1 END ITEM TECHNICAL DATA			
ITEM	TYPE/MODEL	FILLER/WEIGHT	FUZE TYPE
Bomb, Practice, 100-lb with spotting charge	M38A2	Sand (inert) 80 lbs.	N/A
	M1A1	Black powder, 3 lbs.	
Bomb, Practice, 100-lb with spotting charge	M85	Reinforced con- crete (inert)	N/A
	M1A1	Black powder, 3 lbs.	

TABLE 8-2 SUMMARY OF SITE ORDNANCE FILLERS		
EXPLOSIVE MATERIAL	SYNONYMS	CHEMICAL COMPOUNDS
Black Powder 73% Sodium Nitrate 11% Sulfur 16% Charcoal	Salt Peter; Niter	NaNO ₃ S C

9. OTHER ENVIRONMENTAL HAZARDS

a. Hazardous, Toxic, and Radiological Waste

The SI team did not observe any evidence to indicate potential HTRW hazards resulting from past DOD activities.

b. Building Demolition/Debris Removal

The OE team did not observe any DOD related structures or residual materials which exhibit a potential requirement for initiating BD/DR projects.

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
FOR
VICTORVILLE PBR #4
SAN BERNADINO, CALIFORNIA
PROJECT NUMBER: JO9CA068901

APPENDIX A

REFERENCE SOURCES

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Organization	Name	Telephone	Nature of Support
<u>GOVERNMENT</u>			
FEDERAL AGENCIES			
<u>Department of Defense</u>			
DEFENSE LIBRARY ON DISK PENTAGON RM 1A518 WASHINGTON, DC 20310-6080	COMPUTER SEARCH (DLOD)	(703) 697-4658	NO RELEVANT INFORMATION FOUND ON THIS SITE
DEFENSE TECHNICAL INFORMATION CENTER 8725 JOHN J. KINGMAN ROAD SUITE 0944 FORT BELVOIR, VA 22060-6218	COMPUTER SEARCH (DTIC)	(703) 767-8274	NO RELEVANT INFORMATION FOUND ON THIS SITE
DOD EXPLOSIVES SAFETY BOARD 2461 EISENHOWER AVE. ALEXANDRIA, VA	COMPUTER SEARCH (DDESB)	(703) 325-8624	NO RELEVANT INFORMATION FOUND ON THIS SITE
NATIONAL IMAGERY AND MAPPING AGENCY ATTN: ISDFR 4600 SANGAMORE RD BETHESDA, MD 20816	BILL HARRIS (DMA)	(800) 826-0342	NEW AERONAUTICAL CHARTS
<u>Army</u>			
759TH ORD CO (EOD) BLDG 520 FT. IRWIN, CA 92310	SSG SALET	(760) 380-4092	SEE INTERVIEW I-3
DEFENSE LOGISTICS STUDIES INFORMATION EXCHANGE US ARMY LOGISTICS MGMT COLL FT. LEE, VA 23801	COMPUTER SEARCH (DLSIE)	(804) 734-4007	NO RELEVANT INFORMATION FOUND ON THIS SITE
IOC HISTORICAL OFFICE ATTN: AMSIO-EAH, BLDG 390 ROCK ISLAND, IL 61299	TOM SLATTERY	(309) 794-1450	NOT STAFFED FOR RESEARCH. REFERRED TO NARA, WASHINGTON, D.C.
CENTER OF MILITARY HISTORY ATTN: DAMH-RAS 1099 14th ST. N.W. WASHINGTON, DC 20536	CONTRACTOR	(202) 761-5416	SEE APPENDIX B, SECTION II, PARTS A AND B

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Organization	Name	Telephone	Nature of Support
<u>GOVERNMENT</u>			
<u>Army (cont.)</u>			
U.S. ARMY MILITARY HISTORY INSTITUTE LIBRARY CARLISLE BARRACKS, BLDG 22 CARLISLE, PA 17013-5008	JOHN SLONAKER DENNIS VETOCK	(717) 245-3611	NO SITE SPECIFIC INFORMATION
USACE-LOS ANGELES DISTRICT SOUTHERN CALIF AREA OFFICE 10845 RANCHO BERNARDO ROAD RANCHO BERNARDO, CA 92127	JIM WALKER B.J. ALLEN	(619) 674-6789	NO SITE SPECIFIC INFORMATION. PROVIDED REFERRALS.
U.S. ARMY CBDCOM ATTN: AMSCB-CIH APG, MD 21010-5423	KATHLEEN CIOLFI	(410) 671-4430	NO SITE SPECIFIC INFORMATION
USACE-LOS ANGELES DISTRICT 911 WILSHIRE BLVD LOS ANGELES, CA 93043	DEB CASTENS GREG BOGHOSSIAN RICHARD NAGLE	(213) 452-3719	INPRS
U.S. ARMY ORDNANCE MUSEUM ATTN: ATSL-DOS-M BLDG 2601 APG, MD 21005-5201	DR. ATWATER ROGER GODIN	(410) 278-3602	SOURCE FOR OLD ORDNANCE AND NAVY PUBLICATIONS. NO SITE SPECIFIC INFORMATION.
US ARMY CHEMICAL SCHOOL FISHER LIBRARY BUILDING 1081 FT McCLELLAN, AL 36205-5000	DICK PASTORETT	(205) 848-4414	NO SITE SPECIFIC INFORMATION
U.S. ARMY TECHNICAL CENTER FOR EXPLOSIVES SAFETY LIBRARY ATTN: SIOAC-ESM SAVANNA, IL 61074-9639	CHRIS HOLIDAY	(815) 273-8772	REFERENCE SOURCES
ROCK ISLAND ARSENAL MUSEUM ATTN: SMCRI-PCA-M, BLDG 60 ROCK ISLAND, IL 61299	CHRIS LEINICKE	(309) 794-5021	TECHNICAL MANUALS

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Organization	Name	Telephone	Nature of Support
<u>GOVERNMENT</u>			
<u>Army (cont.)</u>			
U.S. MILITARY HISTORY INSTITUTE ARCHIVES BRANCH CARLISLE BARRACKS CARLISLE, PA 17013	RICHARD SOMMERS	(717) 245-3601	NO SITE SPECIFIC INFORMATION
U.S. MILITARY HISTORY INSTITUTE PHOTO ARCHIVES CARLISLE BARRACKS CARLISLE, PA 17013	MIKE WINEY	(717) 245-3434	NO SITE SPECIFIC INFORMATION
<u>Air Force</u>			
AIR FORCE HISTORICAL RESEARCH AGENCY (AFHRA) 600 CHENNAULT DRIVE MAXWELL AFB, AL 36112	JOE CAVER	(334) 953-2395	HISTORICAL INFORMATION ON AFBs
AIR FORCE HISTORICAL RESEARCH AGENCY (AFHRA) 600 CHENNAULT DRIVE MAXWELL AFB, AL 36112	IRIS SYSTEM	(334) 953-2437	MICROFILM INFORMATION
95 TH CEG/CED EDWARDS AFB, CA	MSGT HEPNER TSGT GLINKA	(805) 277-2162	SEE INTERVIEW I-4
AIR FORCE BASES	PUBLICATION		SOME HISTORICAL BACKGROUND ON VICTORVILLE AAF
AIR UNIVERSITY LIBRARY 600 CHENNAULT CIRCLE MAXWELL AFB, AL 36112	LEROY BELL	(334) 953-2888	NO SITE SPECIFIC INFORMATION
ARMY AIR FORCES INSTALLATIONS DIRECTORY - CONUS	PUBLICATION		SOME INFORMATION ON VICTORVILLE AAF AND ITS BOMBING TARGETS
DEVELOPMENT OF AAF BASE FACILITIES IN THE U.S. 1939-45	PUBLICATION		SOME INFORMATION ON VICTORVILLE AAF AND ITS BOMBING TARGETS

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Organization	Name	Telephone	Nature of Support
<u>GOVERNMENT</u>			
<u>Navy</u>			
WASHINGTON NAVAL YARD OPERATIONAL ARCHIVES BUILDING 57 WASHINGTON, DC 20374	CONTRACTOR	(202) 433-3171	SEE APPENDIX B, SECTION II, PARTS A AND B
MARINE CORPS HISTORICAL CENTER BLDG 58 WASHINGTON NAVY YARD WASHINGTON, DC 20374	CONTRACTOR	(202) 433-3483	SEE APPENDIX B, SECTION II, PARTS A AND B
USMC EOD UNIT, MCAGCC 29 PALMS, CA 92272	MAJ ALLSTON	(760) 830-7215	NO RECORDS INDICATING AN OE RESPONSE TO ANY VICTORVILLE BOMBING TARGETS
NAVEODTECHDIV TECHNICAL LIBRARY 2008 STUMP NECK ROAD INDIAN HEAD, MD 20640-5070	BETTY ARBOGHAST DAWN RISKO	(301) 743-6834	NAVY PUBLICATIONS
NAVAL CONSTRUCTION BN CENTER CODE 10H, NAVFAC HISTORIAN 10 23 RD AVE. PORT HUENEME, CA 93403	DR. VINCE TRANSANO CAROL WALSH	(805) 982-5913	NO SITE SPECIFIC INFORMATION
NAVAL CONSTRUCTION BN CENTER TECHNICAL INFO CENTER ATTN: CODE 72 1100 1023 RD AVENUE PORT HUENEME, CA 93043-4370	BRIAN THOMPSON	(805) 982-1124	NO SITE SPECIFIC INFORMATION
NAVAL CONSTRUCTION BN CENTER CIVIL ENGINEERING SUPPORT OFFICE, ATTN: CODE 15 1000 23 RD AVE. PORT HUENEME, CA 93043	MONA LEON-GUERRERO	(805) 982-3057	NO SITE SPECIFIC INFORMATION

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Organization	Name	Telephone	Nature of Support
<u>GOVERNMENT</u>			
<u>National Archives and Records Administration</u>			
NARA-PACIFIC REGION (LAGUNA NIGUEL) 24000 AVILA RD LAGUNA NIGUEL, CA 92607	SUZANNE DEWBERRY	(714) 360-2641	SEE APPENDIX B, SECTION III, PARTS A AND B
NARA - PACIFIC REGION (SAN FRANCISCO) 1000 COMMODORE DRIVE SAN BRUNO, CA 94066-2350	BILL GREENE LISA MILLER	(415) 876-9015	SEE APPENDIX B, SECTION III, PARTS A AND B
NATIONAL ARCHIVES ARCHIVES I (MODERN MILITARY) PENNSYLVANIA AVENUE & 7TH ST. WASHINGTON, DC 20408	CONTRACTOR	(202) 501-5385	SEE APPENDIX B, SECTION II, PARTS A AND B
NATIONAL ARCHIVES, SUITLAND BRANCH 4205 SUITLAND ROAD (CIVIL AND MILITARY) SUITLAND, MD 20408	CONTRACTOR	(301) 457-7190	SEE APPENDIX B, SECTION II, PARTS A AND B
NATIONAL ARCHIVES ARCHIVES I (NAVY) PENNSYLVANIA AVE. & 7TH WASHINGTON, DC 20408	CONTRACTOR	(202) 501-5671	SEE APPENDIX B, SECTION II, PARTS A AND B
NARA - ARCHIVES I (OLD MILITARY) PENNSYLVANIA AVE. & 7TH WASHINGTON, DC 20408	CONTRACTOR	(202) 501-5390	SEE APPENDIX B, SECTION II, PARTS A AND B
WASHINGTON NATIONAL RECORDS CENTER 4205 SUITLAND ROAD SUITLAND, MD 20409	CONTRACTOR	(301) 457-7000	SEE APPENDIX B, SECTION II, PARTS A AND B
NATIONAL ARCHIVES, ARCHIVES II (CARTOGRAPHIC/ARCHITECTURAL) 8601 ADELPHI RD COLLEGE PARK, MD 20740	CONTRACTOR	(301) 713-7040	SEE APPENDIX B, SECTION II, PARTS A AND B

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Organization	Name	Telephone	Nature of Support
<u>GOVERNMENT</u>			
<u>National Archives and Records Administration (cont.)</u>			
NATIONAL ARCHIVES, ARCHIVES II (CIVIL REFERENCE BRANCH) 8601 ADELPHI RD COLLEGE PARK, MD 20740	CONTRACTOR	(301) 713-7250	SEE APPENDIX B, SECTION II, PARTS A AND B
NATIONAL ARCHIVES, ARCHIVES II (MOTION PICTURE BRANCH) 8601 ADELPHI ROAD COLLEGE PARK, MD 20740	CONTRACTOR	(301) 713-7060	SEE APPENDIX B, SECTION II, PARTS A AND B
NATIONAL ARCHIVES, ARCHIVES II (STILL PICTURE BRANCH) 8601 ADELPHI ROAD COLLEGE PARK, MD 20740	CONTRACTOR	(301) 713-6660	SEE APPENDIX B, SECTION II, PARTS A AND B
NATIONAL ARCHIVES ARCHIVES II (TEXTUAL BRANCH) 8601 ADELPHI ROAD COLLEGE PARK, MD 20740	CONTRACTOR	(301) 713-7250	SEE APPENDIX B, SECTION II, PARTS A AND B
NATIONAL PERSONNEL RECORDS CENTER 9700 PAGE AVE ST. LOUIS, MO 63132-5100	WILSON SULLIVAN	(314) 538-4085	SEE APPENDIX B, SECTION III, PARTS A AND B
<u>Library of Congress</u>			
LIBRARY OF CONGRESS GEOGRAPHY AND MAP DIVISION WASHINGTON, DC 20536	CONTRACTOR	(202) 707-5522	SEE APPENDIX B, SECTION II, PARTS A AND B
<u>Smithsonian Institution</u>			
SMITHSONIAN INSTITUTION HISTORICAL RESEARCH DIVISION WASHINGTON, DC 20560	CONTRACTOR	(202) 357-3133	SEE APPENDIX B, SECTION II, PARTS A AND B

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Organization	Name	Telephone	Nature of Support
<u>GOVERNMENT</u>			
<u>Department of Agriculture</u>			
USDA CONSOLIDATED FARM SERVICE AGENCY 44811 DATE AVENUE WEST LANCASTER, CA 93534	DOUG BRAND HOLLEEN	(805) 942-9549	AERIAL PHOTOS
USDA NATURAL RESOURCE CONSERVATION SERVICE 18484 HIGHWAY, SUITE 195 APPLE VALLEY, CA 92307	JACKIE LINDGREN RICK AGUAYO	(760) 242-2906	SOIL SURVEY INFORMATION AND AERIAL PHOTOS
USDA NATURAL RESOURCES CONSERVATION SERVICE P.O. BOX 788115 BLDG 1456, GRIFFIN ROAD TWENTY-NINE PALMS, CA 92278	JOHN RULE	(760) 830-7011	AERIAL PHOTOS AND MAPS
USDA, AERIAL PHOTOGRAPHY FIELD OFFICE P.O. BOX 30010 2222 WEST 2300 SOUTH SALT LAKE CITY, UT 84131-0010	SHERRIE HOLYOAK	(801) 975-3503	AERIAL PHOTOS AFTER 1956
<u>Department of Commerce</u>			
NOAA NATIONAL CLIMATIC DATA CENTER FEDERAL BUILDING ASHVILLE, NC 28801	YOLANDA GOOSCH SAM McCOWAN	(704) 271-4272	LOCAL CLIMATOLOGICAL DATA REPORTS
NOAA AIR FORCE WEATHER SERVICE 151 PATTON AVENUE, ROOM 120 ASHVILLE, NC 28801	JANET WALL	(704) 271-4404	LOCAL CLIMATOLOGICAL DATA REPORTS

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<u>GOVERNMENT</u>			
<u>Department of Interior</u>			
DEPARTMENT OF INTERIOR U.S. GEOLOGICAL SURVEY EROS DATA CENTER SIOUX FALLS, SD 57198	CUSTOMER SERVICE	(605) 594-6151	AERIAL PHOTOS
USGS DENVER FEDERAL CENTER P.O. BOX 25286 DENVER, CO 80225	ROGER COMPTON	(303) 202-4700	SOURCE OF TOPOGRAPHICAL MAPS
BUREAU OF LAND MANAGEMENT BARSTOW RESOURCE AREA 150 COOLWATER LANE BARSTOW, CA 92311	TIM REAB	(619) 255-8700	REAL ESTATE RECORDS
BUREAU OF LAND MANAGEMENT BARSTOW FIELD OFFICE BARSTOW, CA	JERRY BRONSON	(760) 252-6075	SEE INTERVIEW I-2
U.S. GEOLOGICAL SURVEY, (ESIC) BOX 25046, BLDG 810 DENVER FEDERAL CENTER DENVER, CO 80225	PAULA ERICKSON STEVE REITER	(303) 202-4200	ORTHOPHOTOQUADS
BUREAU OF LAND MANAGEMENT 6221 BOX SPRINGS BLVD RIVERSIDE, CA 92507	JOHN KEYES	(909) 697-5383	REFERENCES
U.S. FISH AND WILDLIFE SERVICE ECOLOGICAL SERVICES 2493 PORTOLA RD, SUITE B VENTURA, CA 93003	RAY BRANFIELD	(805) 644-1766	ENDANGERED/THREATENED SPECIES
<u>State</u>			
CALIFORNIA STATE ARCHIVES 1020 EAST O ST. SACRAMENTO, CA 92415	MR. METZER	(916) 653-2246	MAINTAIN STATE AGENCY RECORDS ONLY. PROVIDED REFERRALS.

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Organization	Name	Telephone	Nature of Support
<u>GOVERNMENT</u>			
<u>State</u>			
CALIFORNIA STATE HISTORIC PRESERVATION OFFICE SAN BERNARDINO ARCHAEOLOGICAL INFORMATION CENTER 2024 ORANGE TREE LANE REDLAND, CA 92374	ROBIN LASKA	(909) 792-1497	INFO ON HISTORICAL/CULTURAL RESOURCES
CALIFORNIA STATE LIBRARY CALIFORNIA HISTORY SECTION 914 CAPITOL HALL LIBRARY AND COURTS BLDG SACRAMENTO, CA 94237-0001	JOHN GONZALES SYBYLLE ZEMITIS	(916) 654-0176	NEGATIVE INFORMATION
CALIFORNIA STATE LIBRARY GOVERNMENT DOCUMENTS SECTION 914 CAPITOL HALL LIBRARY AND COURTS BLDG SACRAMENTO, CA 94237-0001	BRENT MURPHY	(916) 654-0069	LACK OF RESEARCH STAFF
CALIFORNIA STATE UNIVERSITY SAN BERNARDINO LIBRARY 5500 UNIVERSITY PARKWAY SAN BERNADINO, CA 92407	REFERENCE LIBRARIAN	(909) 880-5084	NO INFORMATION
STATE OF CALIFORNIA DEPARTMENT OF FISH AND GAME 1416 9 TH STREET SACRAMENTO, CA 95814	INTERNET	http:// www.dfg.ca.gov/Endangered/endangered.html	ENDANGERED SPECIES INFO
UNIVERSITY OF CALIFORNIA P.O. BOX 19557 IRVINE, CA 92110	REFERENCE DESK	(714) 824-6836	NO INFORMATION
UNIVERSITY OF CALIFORNIA GOVERNMENTS DOCUMENTS DEPT. P.O. BOX 19557 IRVINE, CA 92110	JEFF SCHNNEIDEWIND KAY COLLINS	(714) 824-7234	NO INFORMATION

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Organization	Name	Telephone	Nature of Support
<u>GOVERNMENT</u>			
<u>State (cont.)</u>			
UNIVERSITY OF CALIFORNIA ARCHIVES P.O. BOX 19557 IRVINE, CA 92713	MARY ELLEN GODDARD	(714) 824-7193	NO INFORMATION
<u>Local</u>			
SAN BERNARDINO COUNTY ARCHIVES 777 EAST RIALTO AVE SAN BERNARDINO, CA 92415	JIM HOFFER	(909) 387-2030	NO SITE SPECIFIC INFORMATION
SAN BERNARDINO COUNTY ASSESSOR 172 WEST 3 RD ST SAN BERNARDINO, CA 92415	MAUREEN	(909) 387-8307	PLAT MAPS
SAN BERNARDINO COUNTY FLOOD CONTROL 825 EAST 3 RD ST SAN BERNARDINO, CA 92415	GARY DUNCAN	(909) 387-2529	AERIAL PHOTOS
SAN BERNARDINO COUNTY LIBRARY VICTORVILLE BRANCH 15011 CIRCLE DRIVE VICTORVILLE, CA 92392	MR. BOOKER	(619) 245-4222	NO SITE SPECIFIC INFORMATION
SAN BERNARDINO COUNTY LIBRARY LUCERNE VALLEY BRANCH 33103 OLD WOMAN SPRINGS RD LUCERNE VALLEY, CA 92356	REFERENCE DESK	(619) 248-7521	NO SITE SPECIFIC INFORMATION
SAN BERNARDINO COUNTY MUSEUM 2024 ORANGE TREE LANE REDLANDS, CA 92374	ROBIN LASKE NOELLA BENVENUTI PAMELA FROST	(909) 798-8570	NO SITE SPECIFIC INFORMATION. PROVIDED REFERRALS.
SAN BERNARDINO COUNTY PLANNING 385 NORTH ARROWHEAD AVE SAN BERNARDINO, CA 92415	MARLA TAUB	(909) 387-4131	LAND USE AND HAZARD INFO

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REFERENCE SOURCES

Organization	Name	Telephone	Nature of Support
<u>GOVERNMENT</u>			
<u>Local (cont.)</u>			
SAN BERNARDINO COUNTY SHERIFF'S DEPARTMENT BARSTOW STATION 225 E. MOUNTAINVIEW BARSTOW, CA 92311	SGT JECUSCO	(760) 256-4841	NO OE RESPONSES TO ANY VICTORVILLE SITES. PROVIDED REFERRALS.
SAN BERNARDINO COUNTY SHERIFF AND BOMB SQUAD 655 EAST 3 RD ST SAN BERNARDINO, CA 92415	TOM ALSKY BILL MYERS BOB HALL	(909) 387-3598	SEE INTERVIEW I-1
SAN BERNARDINO PUBLIC LIBRARY 555 WEST 6 TH ST SAN BERNARDINO, CA 92415	CHRIS SHOVEY	(909) 381-8208	NO SITE SPECIFIC INFORMATION
<u>NON-GOVERNMENT</u>			
<u>National</u>			
COUNCIL ON AMERICA'S PAST 518 WHY WORRY LANE PHOENIX, AZ 85021	HELIOGRAM	(800) 396-4693	PUBLICATION - NO SITE SPECIFIC INFORMATION
KNIGHT-RIDDER INFORMATION INC. 2440 EL CAMINO REAL MOUNTAIN VIEW, CA 94040	COMPUTER SEARCH (DIALOG)	(800) 334-2564	NO SITE SPECIFIC INFORMATION
NORTHERN ILLINOIS LIBRARY SYSTEM 4034 EAST STATE ST. ROCKFORD, IL 61108	COMPUTER SEARCH (NILS)	(815) 229-0330	NO SITE SPECIFIC INFORMATION
ONLINE COMPUTER LIBRARY CENTER 6565 FRANTZ ROAD DUBLIN, OH 43017-3395	COMPUTER SEARCH (OCLC)	(800) 848-5878	NO SITE SPECIFIC INFORMATION
SCIENTIFIC AND TECHNICAL INFORMATION LIBRARY SYSTEM 689 DISCOVERY DRIVE HUNTSVILLE, AL 35806	COMPUTER SEARCH (STILAS)	(205) 922-9820	NO SITE SPECIFIC INFORMATION

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Organization	Name	Telephone	Nature of Support
<u>NON-GOVERNMENT</u>			
<u>National</u>			
COAST DEFENSE STUDY GROUP, INC. 731 BALTIMORE PIKE BEL AIR, MD 21014			PUBLICATION - NO SITE SPECIFIC INFORMATION
WORLD WAR II SITES IN THE U.S.	RICHARD OSBORNE AUTHOR		GENERAL INFORMATION ON FORMER VICTORVILLE AAF
<u>Local</u>			
EDWARD LASKA 19446 CORWIN RD APPLE VALLEY, CA 92307	EDWARD LASKA	(619) 242-5746	STATIONED AT VICTORVILLE
GLENN BROOKS 3109 N. GLENVALLEY DR MIDWEST CITY, OK 73110	GLENN BROOKS	(405) 732-8877	SEE INTERVIEW I-5
OWEN COOPER 40 OAK SHADOWS CT BALTIMORE, MD 21228	OWEN COOPER	(410) 747-5991	SEE INTERVIEW I-6
ARDA HAENSZAL 809 STANDISH WAY REDLANDS, CA 92373	ARDA HAENSZAL	(909) 798-0550	LOCAL HISTORIAN
CALIFORNIA HISTORICAL SOCIETY 678 MISSION STREET SAN FRANCISCO, CA 94105	BETH GRAHAM	(415) 357-1848	NO SITE SPECIFIC INFORMATION
JOHN DARR CHEYENNE, WY	JOHN DARR	(307) 635-2924	KNOWLEDGEABLE PERSON. TRAINED AS BOMBARDIER CADET IN 1944. NO KNOWLEDGE OF ANY HE BOMBS USED.
JOHN LYNCH 518 WHY WORRY LANE PHOENIX, AZ 85021	JOHN LYNCH	(602) 249-3974	HISTORIAN AND AUTHOR. NO INFORMATION ON VICTORVILLE SITES.

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Organization	Name	Telephone	Nature of Support
<u>NON-GOVERNMENT</u>			
<u>Local (cont.)</u>			
SAN BERNARDINO VISITOR AND CONVENTION BUREAU 201 NORTH E. STREET SAN BERNARDINO, CA 93063	CHRISTINE	(909) 889-8937	GENERAL INFO OF THE AREA
STATE HISTORICAL SOCIETY OF WISCONSIN LIBRARY 816 STATE STREET MADISON, WI 53706	STAFF	(608) 264-6534	OLD NEWSPAPERS
THE ARMY AIR FORCES IN WORLD WAR II - VOLUME SIX MEN AND PLANES	WESLEY FRANK CRAVEN JAMES LEA CATE		PUBLICATION-INFO ON BOMBARDIER TRAINING
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VICTORVILLE MUSEUM 11873 APPLE VALLEY RD APPLE VALLEY, CA 92307	WALTER DAY WAYNE FOWLIE	(619) 240-2111	NO SITE SPECIFIC INFORMATION
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ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
FOR
VICTORVILLE PBR #4
VICTORVILLE, CALIFORNIA
PROJECT NUMBER: JO9CA068901

APPENDIX B

REFERENCES AND ABSTRACTS

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RG 92 (Records of the Office of the Quartermaster General)

RG 145 (Records of the Agricultural Stabilization and Conservation Service)

RG 342 (Records of U.S. Air Force Commands, Activities, and Organizations)

RG 373 (Records of the Defense Intelligence Agency)

VICTORVILLE PRECISION BOMBING RANGE NO. 4, CA

***NARA - ARCHIVES II - MOTION PICTURE, SOUND, AND VIDEO BRANCH
COLLEGE PARK, MD***

RG 111 (Records of the Office of the Chief Signal Officer)

***NARA - ARCHIVES II - STILL PICTURES BRANCH
COLLEGE PARK, MD***

RG 18 (Records of the Army Air Corps)

RG 30 (Records of the Bureau of Public Roads)

RG 77 (Records of the Office of the Chief of Engineers)

RG 92 (Records of the Office of the Quartermaster General)

RG 111 (Records of the Office of the Chief Signal Officer)

RG 165 (Records of the War Department General and Special Staffs)

***SMITHSONIAN NATIONAL AIR AND SPACE MUSEUM
WASHINGTON, DC***

Videodisk Collection

***US ARMY CORPS OF ENGINEERS - OFFICE OF HISTORY
ALEXANDRIA, VA***

Image Collection

Map Collection

Military Files

***WASHINGTON NATIONAL RECORDS CENTER
SUITLAND, MD***

RG 77 (Records of the Office of the Chief of Engineers)

Accession 077-52A-259

Accession 077-53A-325

Accession 077-55A-323

Accession 077-57A-374

SECTION III
REGIONAL NATIONAL ARCHIVES FINDINGS
PART A
POSITIVE FINDINGS

VICTORVILLE PBR NO. 4

NARA, PACIFIC REGION (SAN FRANCISCO)
SAN BRUNO, CA

RG 121, Records of the Public Building Service

Accession #9NSS-121-85-001

Box #46

Memo, Subj: Short Form Appraisal, 3 February 1947

Accession #9NSS-121-85-002

Box #4

Paper, Certificate of Clearance, Sept 8, 1948

Memo, From Harry W. Carlson To Victorville PBR 4 Assignment

Folder, Re: Inspection of PBR No. 4, September 2, 1948

Memo, From Harry W. Carlson To Victorville PBR 4 Assignment

Folder, Re: Directions to PBR No. 4, September 2, 1948

Memo, From War Assets Administration To Federal Land Bank of

Berkeley, Re: Assignment of Victorville PBR #4,

August 24, 1946

Paper, Declaration of Surplus Real Property, Victorville

Precision Bombing Range No. 4, Undated

Paper, Real Property Classification, Victorville Precision

Bombing Range #4, June 22, 1948

Paper, Certificate of Clearance, June 17, 1948

Papers, WAA-1005 Index w/Block 8 w/Schedules A-F, Undated

Dwg, Victorville Army Flying School Bombing Target No. 4,

Feb 9 1943

Paper, Victorville Precision Bombing Range #4, Project FCA

11-74, Undated

Paper, Quitclaim Deed, 14 April, 1949

Paper, Appraisal Report, Tract 41, March 1, 1943

Paper, No. 2434, Final Judgment and Decree in Condemnation,

Tract No. 41, 5 December 1944

Paper, Preliminary Certificate of Title No. 142740 Tract No.

41, Undated

Paper, Quitclaim Deed, 11 January, 1949

Paper, Appraisal Report, Tract 42, March 1, 1943

Paper, No. 2434, Judgment by Default, Tract No. 42,
8 November 1944
Paper, Preliminary Certificate of Title No. 142740 Tract No.
42, Undated
Paper, Quitclaim Deed, 1 March, 1949
Paper, Appraisal Report, Tract 43, March 1, 1943
Paper, No. 2434, Judgment by Default, Tract No. 43,
8 November 1944
Paper, Preliminary Certificate of Title No. 142740 Tract No.
43, Undated
Paper, Quitclaim Deed, 11 March, 1949
Paper, Appraisal Report, Tract 44, March 1, 1943
Paper, No. 2434, Final Judgment and Decree in Condemnation,
Tract No. 44, 23 January 1945
Paper, Preliminary Certificate of Title No. 142740 Tract No.
44, Undated
Paper, Quitclaim Deed, 3 February, 1949
Paper, Appraisal Report, Tract 45, March 1, 1943
Paper, No. 2434, Final Judgment and Decree in Condemnation,
Tract No. 45, 10 March 1944
Paper, Final Certificate of Title No. 142740 Tract No. 44,
Undated

**NARA, NATIONAL PERSONNEL RECORDS CENTER
ST LOUIS, MO**

RG 18, Records of the Army Air Forces
Accession #342-47A4227
Box #06-23-58-9-5
Dwg, Regional Map of VAAF & Satellite Facilities, Sept. 1943

RG 342, Records of U.S. Air Force Commands, Activities, and
Organizations
Accession #342-53A-4077
Box #06-23-58-9-3
Memo, Subj: Information Pertaining to Bombing Ranges, ACAFS,
Army Air Base, Victorville, California, February 13, 1942
Memo, Subj: Victorville Army Flying School, Victorville,
California - Contract No. W-509-Eng.-2196 - Bombing
Targets - Notice of Completion and Release to Air Corps,
April 4, 1942
Memo, Subj: Transfer of Real Property, 21 May 1946
Memo, Subj: Decontamination of Bombing and Gunnery Ranges,
Oct. 10, 1946

Paper, Deduinding Report on Bombing Targets Formerly Assigned
to Victorville Army Air Field, 25 Sep 1946

Accession #342-47A4227

Box #06-23-58-9-5

Memo, From 4196th AAF Base Unit to Sub-Station Sheriff's
Office, San Bernardino County, Re: Removal of Bomb Scrap,
19 August 1947

Memo, Status of Assignment of Bombing and Gunnery Ranges,
25 June 1947

Memo, Subj: Removal of Military Scrap from Artillery,
Bombing and Other Target Ranges, 6 August 1947

Memo, Subj: Status of Assignment of Bombing and Gunnery
Range, Feb 19 1947

Memo, Subj: Teletype SBCON-2-2 dated 4 Feb 47, 10 Feb 1947

Paper, Statistical Data Bombing Ranges, Victorville Army Air
Field, (as Reflected by VAAF Records 11 March 1947)

NARA, PACIFIC REGION (LAGUNA NIGUEL)
LAGUNA NIGUEL, CA

RG 77, Records of the Office of the Chief of Engineers

Box #2

Declaration of Taking w/attachments, 1 May 1943

Accession #077-64J0445

Box #48

Memo, From ASF, HQ 9th Service Command to Commanding
Officer, Camp Haan, Re: Movement of 65th Ordnance Bomb
Disposal Squad to Victorville, 1 August 1945,
w/Indorsements

Memo, Subj: Declaration as Excess, Auxiliary Installations
of Victorville AAF, 7 Dec 1945, w/1st Ind, 28 Dec 1945

Memo, Subj: Withdrawal of Victorville Bombing Targets from
Surplus, 20 Mar 1946 w/Indorsements

Memo, Subj: Withdrawal of Victorville Bombing Targets from
Surplus, 15 Apr 1946

Memo, Subj: Transfer of Surplus Facilities, Pacific Division
No. 4197-3, 10 Jul 1946

Memo, Subj: Transfer of Victorville AAF Bombing Targets,
14 Feb 1947

Memo, Subj: Transfer of Victorville AAF Bombing Targets,
18 Feb 1947

Accession #077-96-133

Box #27

Realty Control File Summary, Undated

Certificate of Clearance, Undated

Memo, Subj: Land Acquisition, Bombing Ranges for Victorville
Army Flying School, 2 Sep 1942, w/Indorsements

Memo, Subj: Declaration of Excess - Victorville Bombing
Targets Nos. 2, 4, 5, and 18, 14 Jan 1946

Memo, Subj: Excess - Bombing Targets, Victorville,
1 Feb 1946

Warning Notice, Declaring Bombing Target 4 as Surplus
Property, 6 Feb 1946

Memo, From the Attorney General to the Secretary of War, Re:
Parcels 41 and 191 of Victorville PBR #4, 27 Mar 1946

Memo, Subj: Reclassification of Victorville Bombing Ranges,
18 Apr 1946

Warning Notice, Declaring Bombing Target 4 as Reestablished,
13 May 1946

Memo, From the Attorney General to the Secretary of War, Re:
Parcels 42-45 of Victorville PBR #4, 5 Feb 1947

Memo, Subj: Transfer of Surplus Facilities, Pacific Div, No.
4197-3 (Victorville AAF), 11 Aug 1947

Military Acquisition Project Report, Victorville PBR #4,
w/Tract Register, 11 Dec 1947

Memo, Subj: Final Audit of Land Records re: Victorville
PBR #4, 8 Jan 1948

Memo, Subj: Declaration Of Excess - Victorville Bombing
Targets, 14 Jan 1948

Warning Notice, Declaring Bombing Target 4 as Surplus
Property, 19 Jan 1948

Memo, Subj: Final Audit of Land Records re: Victorville
PBR #4, 13 Feb 1948

Declaration of Surplus Real Property, Victorville PBR #4,
22 Jun 1948

Declaration of Surplus Real Property, Victorville PBR #4,
13 Jul 1948, w/attachments

Transfer and Acceptance of Surplus Real Property,
Victorville Bombing Target Site #4, 22 Sep 1948

Real Property Management and Disposal Report, Victorville
PBR #4, 15 Dec 1948

Final Project Ownership Map, 4 Dec 1947

Final Project Ownership Map, Victorville Bombing Ranges,
19 Sep 1945

Location Map, Victorville Bombing Targets, 27 Nov 1944

RG 270, Records of the War Assets Administration

Box #161

Block 8 Schedule E, Narrative Report, Undated

Box #162

Base Project Map, Victorville PBR #4, 9 Feb 1943

Preliminary Inspection Report, Victorville PBR #4,

24 Aug 1948

Original Fire Protection and Security Report, Victorville

PBR #4, 24 Aug 1948

Real Property Classification, Victorville PBR #4,

22 Jun 1948

Schedule A, Use of Property When Acquired, Undated

Block 6 - Schedule A, Legal Description of Property, Undated

SECTION III
REGIONAL NATIONAL ARCHIVES FINDINGS
PART B
NEGATIVE FINDINGS

VICTORVILLE PBR NO. 4

NARA, PACIFIC REGION (LAGUNA NIGUEL)
LAGUNA NIGUEL, CA

RG 30, Records of the Bureau of Public Roads
All Entries
Nothing Found

RG 49, Records of the Bureau of Land Management
All Entries
Nothing Found

RG 71, Records of the Bureau of Yards and Docks
All Entries
Nothing Found

RG 77, Records of the Office of the Chief of Engineers
Accession #077-96-0134
Box #5
Nothing of Value to this ASR Found

RG 92, Records of the Quartermaster General
All Entries
Nothing Found

RG 156, Records of the Chief of Ordnance
All Entries
Nothing Found

RG 219, Records of the Office of Defense Transportation
All Entries
Nothing Found

RG 269, General Records of the General Services Administration
All Entries
Nothing Found

RG 336, Records of the Office of the Chief of Transportation
All Entries
Nothing Found

RG 338, Records of U.S. Army Commands
All Entries
Nothing Found

RG 342, Records of U.S. Air Force Commands, Activities, and
Organizations
All Entries
Nothing Found

**NARA, NATIONAL PERSONNEL RECORDS CENTER
ST LOUIS, MO**

RG 342, Records of U.S. Air Force Commands, Activities, and
Organizations
Accession #342-54A4118
Box #06-38-18-1-1
Nothing of Value to This ASR Found

Accession #342-46A4076
Box #06-38-18-2-1
Nothing of Value to This ASR Found

Accession #342-50A4042
Box #06-38-18-1-3, 2 Boxes
Nothing of Value to This ASR Found

**NARA, PACIFIC REGION (SAN FRANCISCO)
SAN BRUNO, CA**

RG 18, Records of the Army Air Forces
All Entries
Nothing Found

RG 30, Records of the Bureau of Public Roads
All Entries
Nothing Found

RG 49, Records of the Bureau of Land Management
All Entries
Nothing Found

RG 77, Records of the Office the Chief of Engineers
Accession #75Q1061
Boxes #1-3
Nothing of Value to This ASR Found

RG 92, Records of the Office of the Quartermaster General
All Entries
Nothing Found

RG 111, Records of the Chief Signal Officer
All Entries
Nothing Found

RG 112, Records of the Surgeon General (Army)
All Entries
Nothing Found

RG 121, Records of the Public Buildings Service
Accession #9NSS-121-87-001
Boxes #1 and 9
Nothing of Value to This ASR Found

Accession #9NSS-121-85-009
Box #12
Nothing of Value to This ASR Found

Accession #9NSS-121-85-004
Box #72
Nothing of Value to This ASR Found

RG 156, Records of the Office of the Chief of Ordnance
All Entries
Nothing Found

RG 219, Records of the Office of Defense Transportation
All Entries
Nothing Found

RG 269, General Records of the General Services Administration
All Entries
Nothing Found

RG 270, Records of the War Assets Administration
All Entries
Nothing Found

RG 291, Records of the Federal Property Resources Service
Accession #9NSS-291-93-002
Box #19
Nothing of Value to This ASR Found

RG 338, Records of U.S. Army Commands
All Entries
Nothing Found

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
FOR
VICTORVILLE PBR #4
VICTORVILLE, CALIFORNIA
PROJECT NUMBER: JO9CA068901

APPENDIX C

GLOSSARY

APPENDIX C

GLOSSARY

AR	Army Regulation
AUS	Army of the United States
BD/DR	Building Demolition/Debris Removal
CEHNC	U.S. Army Corps of Engineers, Engineering and Support Center, Huntsville
CEMVD	U.S. Army Corps of Engineers, Mississippi Valley Division
CEMVR	U.S. Army Corps of Engineers, Rock Island District
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CON/HTW	Containerized Hazardous and Toxic Waste
CWM	Chemical Warfare Material
DA	Department of Army
DAC	Defense Ammunition Center
DERA	Defense Environmental Restoration Account
DERP	Defense Environmental Restoration Program
DOD	Department of Defense
DOI	Department of Interior
EE/CA	Engineering Evaluation Cost Analysis
EOD	Explosive Ordnance Disposal
ESI	Expanded Site Investigation
FDE	Findings and Determination of Eligibility
FM	Field Manual
FUDS	Formerly Used Defense Site(s)
GSA	General Services Administration
HTRW	Hazardous, Toxic and Radiological Waste
HTW	Hazardous and Toxic Waste
INPR	Inventory Project Report
IRP	Installation Restoration Program
NARA	National Archives Records Administration
OE	Ordnance and Explosives
PA	Preliminary Assessment
PN	Project Number
PBR	Precision Bombing Range
PRP	Privately Responsible Party
QASAS	Quality Assurance Specialist (Ammunition Surveillance)
RA	Remedial Action
RAC	Risk Assessment Code
SAA	Small Arms Ammunition
SARA	Superfund Amendments and Reauthorization Act
SI	Site Inspection
SIOAC-ES	Army Material Command Ammunition Center for Explosive Safety

USA	U.S. Army
USACE	U.S. Army Corps of Engineers
USATCES	U.S. Army Technical Center for Explosives Safety
UXO	Unexploded Ordnance
VAAF	Victorville Army Air Field

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
FOR
VICTORVILLE PBR #4
VICTORVILLE, CALIFORNIA
PROJECT NUMBER: JO9CA068901

APPENDIX D
TEXTS/MANUALS

APPENDIX D
TEXTS/MANUALS

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D-1 Practice Bombs (M38A2, 100-lb and M85, 100-lb) (B-11, B-12
& B-13)

D-2 Practice Bomb (M85, 100-lb) (B-14)

BOMBS FOR AIRCRAFT

Chapter 8

Practice and Drill Bombs

GENERAL.

Practice Bombs. Practice bombs are used during both peacetime and wartime. Their chief function is to enable Air Corps bombardiers to practice their marksmanship with bombs which resemble real bombs closely enough to assure that a hit with a practice bomb would be a hit with a real bomb. A secondary function is to give ordnance personnel practice in assembling, fuzing, and handling bombs.

Development. Practice bombs in contrast to other practice ammunition are not made by using the same case as the H.E. round and filling it with a spotting charge. Obviously it would be too expensive to drop large GP bombs, sand filled with a spotting charge and fuze added for practice. Therefore, the search for a cheap bomb was initiated.

The first real practice bomb used by the Army was water filled. This bomb had no spotting charge but depended entirely upon the resultant splash to inform the bombardier of his accuracy. This type was unsatisfactory for the following reasons:

The water froze at high altitudes.

The water moved and caused the bomb to waver in flight.

The splash could not be seen from high altitudes.

Another bomb was developed using sand and water as the filler. This gave the bomb added weight and prevented the water from swishing around during flight. To increase its visibility at the point of impact, a spotting charge was added in the tail end of the bomb. This was in the form of a smoke compound confined in a glass bottle. This compound on exposure to air immediately formed a cloud of smoke. However, it was found unsatisfactory because of the following:

The glass bottle burst at high altitudes.

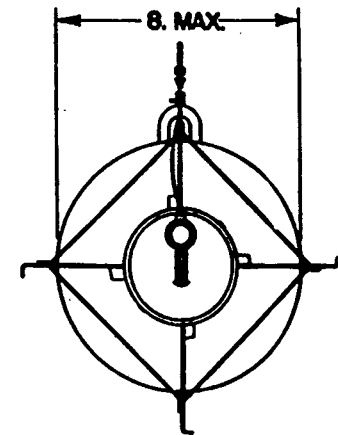
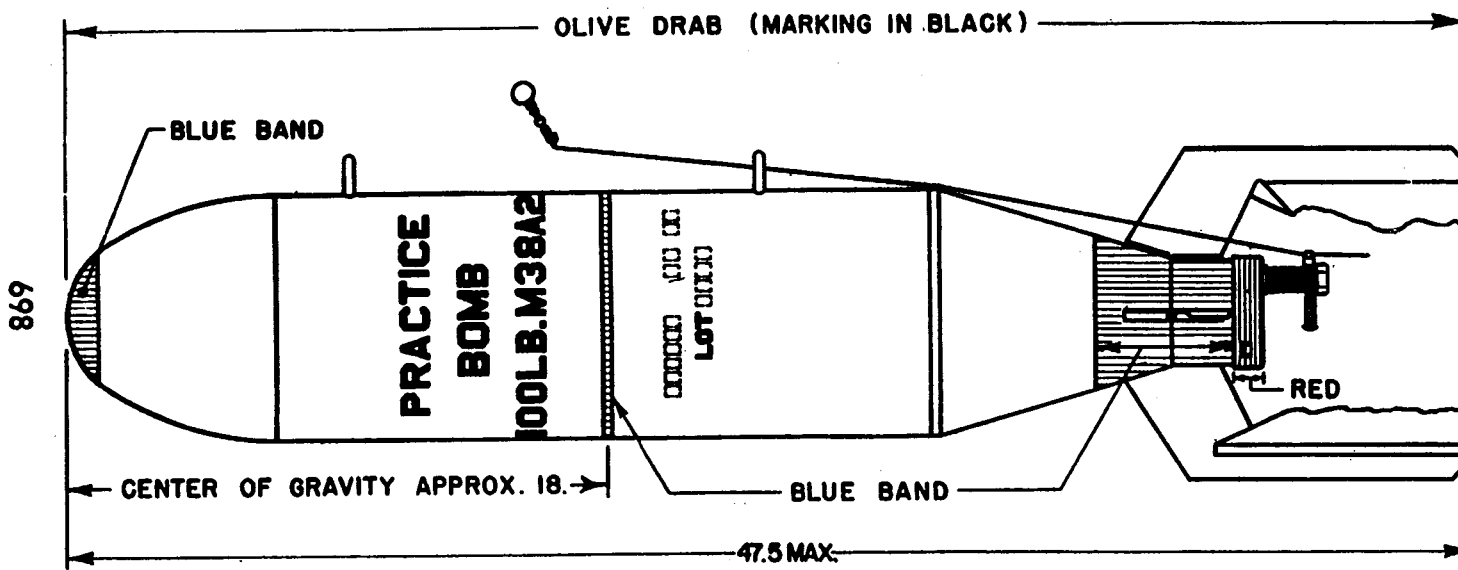
The cap loosened under high pressure or temperatures.

The contents froze and broke the bottle at high altitudes.

In any of these cases, the plane became filled with smoke.

At this point, it was decided to use the empty bomb bodies of the Mark series from the first World War as practice bombs and at the same time to continue the search for a satisfactory cheap bomb. The Mark series used, consisted of bombs 17, 25, 40, 50, 100, and 300 pounds in weight. Sand, a spotting charge, a fuze (either nose or tail) and a primer detonator wherever necessary were added to the bomb body to make for a practice bomb.

Finally the 100-pound M38, later modified in several respects so as to become the M38A2, was developed as the standard practice bomb for demolition bombing. In the subsequent pages, the bombs



RA FSD 436A

AMMUNITION INSPECTION GUIDE

Figure 274 — BOMB, Practice, 100-pound, M38A2

BOMBS FOR AIRCRAFT

discussed are those which are in use at the present time and were developed for practice in the use of specific types of service bombs.

Drill Bombs and Gage Bombs. Drill bombs are provided for training and practice in assembling, fuzing, handling, and loading on planes, and for the study of logistics. They are fitted with adapters to receive inert fuzes of standard models. Drill bombs are of the same size, shape, and weight as the corresponding service bombs. These bombs contain no explosive and are painted black or olive drab with black bands and are appropriately marked to distinguish them from explosive bombs.

Manufacturers of the various types of bombers and manufacturers of bomb racks are chiefly interested in gage bombs. These are either empty standard bombs or wooden forms used in the testing of planes for clearances, or in testing racks for capacity or proper function.

BOMB, PRACTICE, 100-POUND, M38A2.

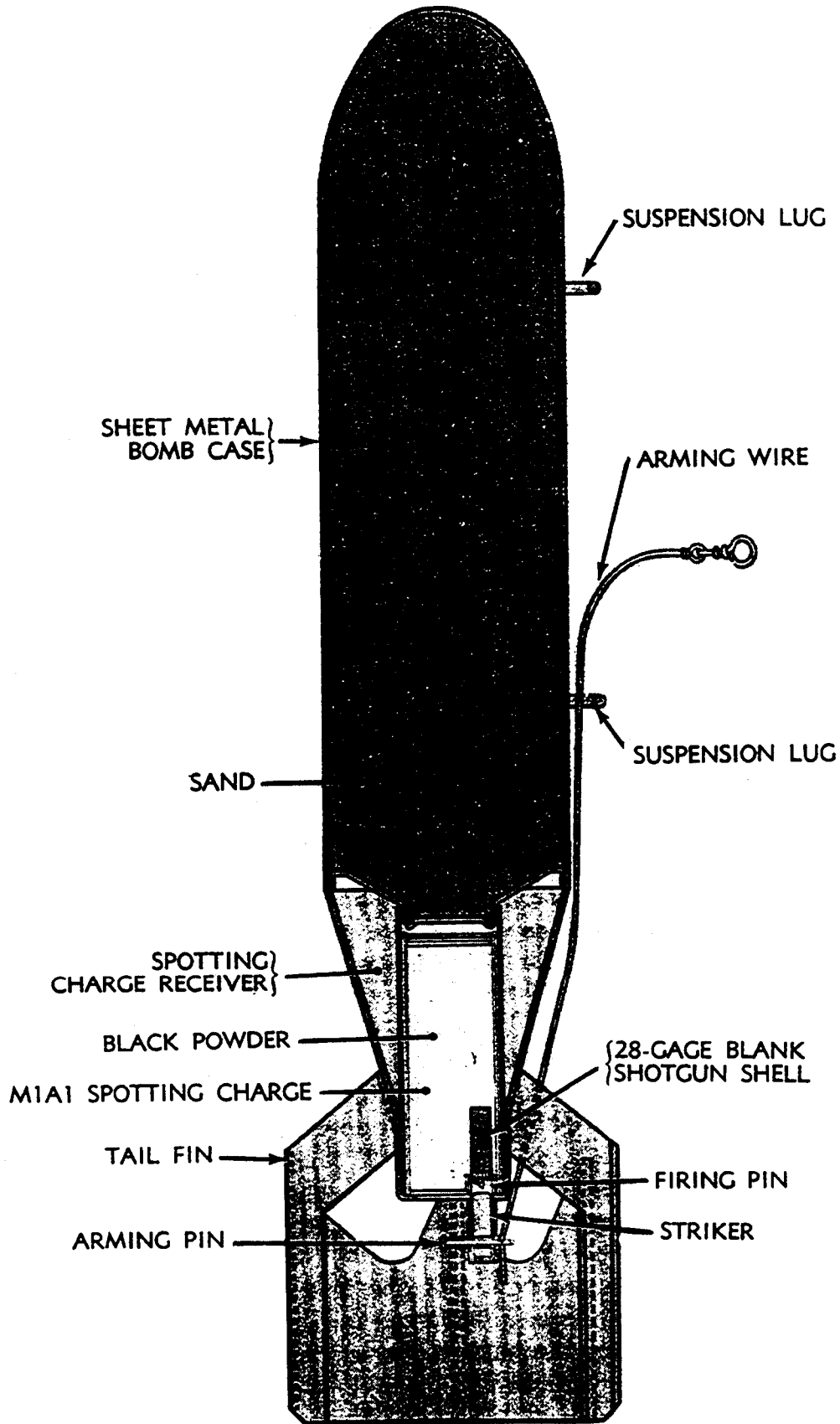
General. This bomb is used to give practice in demolition bombing. It is a thin case bomb, easy to manufacture, cheap in cost, and accurate in use. The bomb case cannot be reused after it has once been dropped in practice.

Body Description. It is constructed of light sheet metal, approximately 22 gage. The body is formed by rolling a rectangular sheet of metal into the form of a cylinder 8 inches in diameter, and spot-welding the seam at 2-inch intervals. The rounded nose is pressed from the same metal, as is the tail which is formed in the shape of a cone. Inside of the smaller end of the conical tail section is welded the spotting charge receiver. It extends about 7 inches into the cone and projects about 2 inches out of the tail end. The inner end of this receiver is fitted with a shoulder which supports a thin metal cover which is inserted after sand loading to protect the spotting charge from the sand in the bomb. At the outer end of the receiver are two projecting ears which serve to lock the spotting charge in place.

The receiver may be equipped with a cover cap. This is sometimes removed because it tends to stick tightly and make insertion of the spotting charge difficult in the field. Since the bombs are protected from the elements by at least a tarpaulin, this procedure does not appreciably harm the bombs.

Two suspension lugs are bolted to the bomb body during fabrication. The tail portion ends in a box type tail fin which has one blade in line with the suspension lugs. The over-all length of the bomb body is 47¼ inches. When empty, the bomb body weighs approximately 14 pounds. When completely loaded with sand (approx. 80 lb) and spotting charge, the weight of the bomb is approximately 100 pounds. The cost of the empty bomb body is approximately \$1.50. When

AMMUNITION INSPECTION GUIDE



RA PD 23024

Figure 275 — BOMB, Practice, 100-pound, M38A2—Sectioned
700

BOMBS FOR AIRCRAFT

completely loaded, the cost of the complete round is approximately \$3.00. It receives the M1A1 Spotting Charge which houses both the spotting charge and firing mechanism. The Suspension Band M1 is provided for single suspension. The band is a separate component.

CHARGE, Spotting, M1A1. The M1A1 Spotting Charge is used to provide a charge and a firing mechanism. It is made from a large size tin can which has 3 pounds of black powder assembled loosely within. At the top of the can is a cover which has a hole in it for the insertion of a 28-gage blank shotgun shell and firing mechanism. The blank shotgun shell serves as a primer and igniting charge.

The firing mechanism consists of a fuze housing which has within it a striker held in position by an arming pin. Below the striker is a separate firing pin. The arming pin is always being forced outward by its spring but it is held in position by a cotter pin or arming wire located in one of the two eyelets in the small end of the arming pin. A small freely fitting sleeve is assembled over the end of the arming pin which is held in place by a cotter pin in the outer of the two holes. This sleeve makes the cotter pin more accessible and provides for proper arming wire resistance. It is important that this sleeve is always in place and that it is a loose fit on the arming pin. An inner hole through which the arming wire is threaded is exposed by a slight pressure on the head of the arming pin. The complete assembly is moistureproof and must not be disassembled under any circumstances. It is painted red with black stencil.

To assemble the spotting charge, about 80 pounds of sand is first added to the bomb. This requires filling to within $\frac{1}{4}$ inch of the receiver with sand. No water is ever to be added to the sand. The receiver cover disc is then inserted and the spotting charge is placed in the receiver so that the cotter pin is alined with the two suspension lugs. The two holes in the spotting charge cap are alined with the two ears projecting from the receiver sleeve. A slight force will cause the spotting charge cap holes and receiver ears to engage. A wooden tool is used to facilitate this action. This prevents longitudinal or rotational motion of the spotting charge in the receiver. The arming wire is placed through the inner hole of the arming pin after being threaded through the rear suspension lug. The arming wire is adjusted so as to protrude 2 to 3 inches beyond the arming pin. No safety clip is to be used.

Function. The bomb is dropped and the arming wire is retained in the plane. The arming pin ejected by its spring allows the striker to move down and come to rest on the firing pin.

On impact, the force of inertia causes the striker to move down against the firing pin. The firing pin strikes the primer of the 28-gage blank shotgun shell, igniting it. The flame produced ignites the igniting charge in the blank shotgun shell which in turn ignites the black

BOMBS FOR AIRCRAFT

powder spotting charge. The black powder produces a puff of white smoke at the point of impact to indicate where the bomb has struck. The bomb body is not reusable after dropping.

Packing. The bombs are packed 1 per cardboard container, empty. The spotting charges are packed 20 to the box. They are shipped separately.

Complete Round Components. Components necessary for a complete round consist of the following:

BOMB, practice, 100-pound, M38A2, less spotting charge

CHARGE, spotting, assembly M1A1, Practice Bomb, 100-pound,
M38A2

Wire, arming, type A

ARMY PRACTICE BOMBS

3-pound AN-Mk 5 Mod 1
See Navy practice bombs.

20-pound M48

This is a dummy of the 20-pound Fragmentation Bomb AN-M41. It has a two-ounce black-powder charge and uses the Fuze M110 or AN-M110A1 in the nose. It is 21.8-inches long; weighs 19.7 pounds. It is issued in practice bomb clusters M2 and M2A1.

23-pound M71 and M71A1

These are parachute-type practice fragmentation bombs for clustering. They do not have a fuze or spotting charge, because of the presence of the parachute. The parachute assembly is the M3, modified from the M4 by removal of the suspension assembly, hand assembly, and pull wire container. M71 is 26.8 inches long; weighs 21 pounds. M71A1 differs by the addition of the shoulder to the bomb nose.

100-pound M38A2

Over-all length, inches.....	47.5
Diameter, inches.....	8.13
Weight, empty, pounds.....	15.7
Weight, sand-loaded and spotting charge, pounds.....	100

This bomb simulates a G.P. bomb of the same size. The spotting charge is assembled in a sleeve at the base of the bomb, within the fin box. Authorized spotting charges are M1A1, M3, and M4.

100-pound M75

Length, inches.....	47.0
Diameter, inches.....	8.0
Filler, hematite, pounds.....	72
Total weight, pounds.....	101.3

This bomb is designed to provide a target reference for practice bombing over snow-covered ranges. Resembling the chemical bomb of the same size, it consists of a light, sheet-metal case; a charge of red iron ore (hematite); a Burster M4; and a Fuze M108 in the nose.

100-pound M85

This model is a reinforced concrete design ordered to relieve a temporary shortage of the Practice Bomb M38A2 during the war.

Spotting Charges (Army)

M1A1

Over-all length, inches.....	11.18
Diameter, inches.....	3.43
Weight, pounds.....	4.25
Black-powder charge, pounds.....	3.0
Bomb used in.....	M38A2
Fuze.....	Integral inertia-type

This type of spotting charge fits in the after end of the 100-pound Practice Bomb M38A2. It produces a flash of flame and white smoke for observation of bombing accuracy. When assembled in the bomb, the can of the charge protrudes two to three inches out of the bomb body.

The fuze is an integral part of the spotting charge assembly. When the arming wire is pulled, the spring-loaded arming pin jumps out, leaving the inertia weight supported only by the combination firing pin and creep spring. On impact, the inertia weight drives this firing pin into the shotgun-type primer, which, in turn, ignites the black powder.

M3: The Spotting charge M3 has a 2¼-pound dark smoke filling and a black-powder igniter. It is 5/8 inch longer than the Spotting Charge M1A1, but otherwise is like it. The M3, with

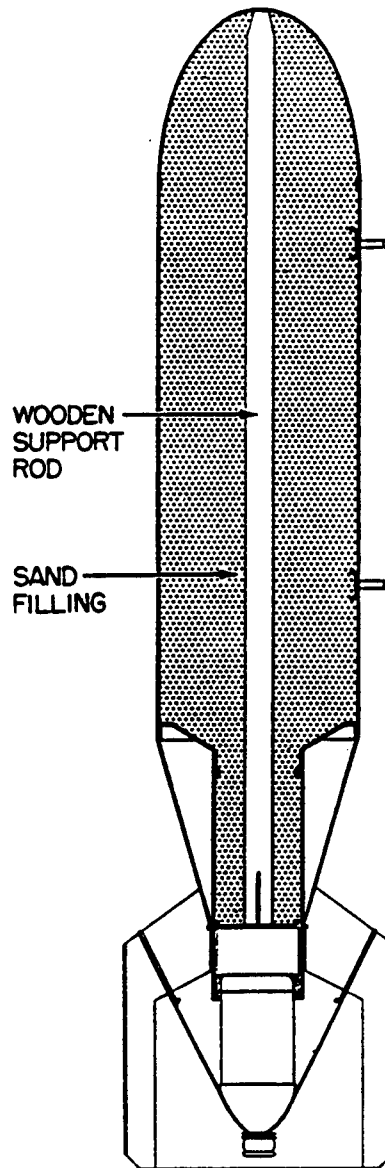


Figure 314. 100-pound Practice Bomb M38A2

its dark smoke filler, is well adapted for bombing practice over snow-covered terrain. The black-powder igniter charge contains approximately 425 grains. It is used in the Practice Bomb M38A2.

M5
 Over-all length, inches.....7.37
 Diameter, inches.....2.95

MaterialGlass
 FS filler, fluid ounces.....14.4

The Spotting Charge M5 consists of a glass bottle filled with FS smoke mixture. An ordinary bottle cap seals the mixture. The bottle is held to the Practice Bomb M38A2 by a wire twisted around the neck of the bottle and attached to the tail vanes. The charge assembly weighs 2.54 pounds.

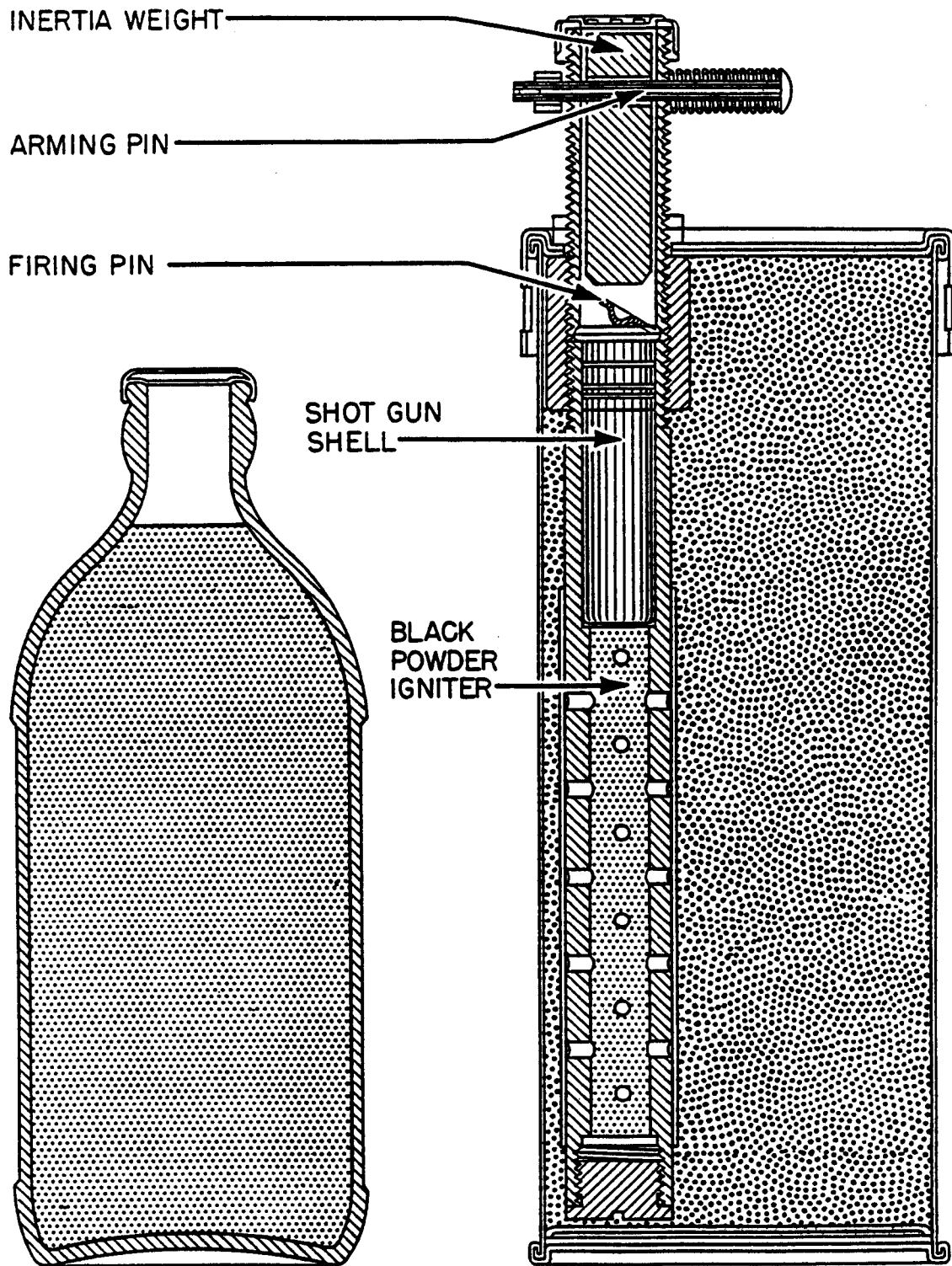


Figure 316. Spotting Charges M3 (right) and M5 (left)

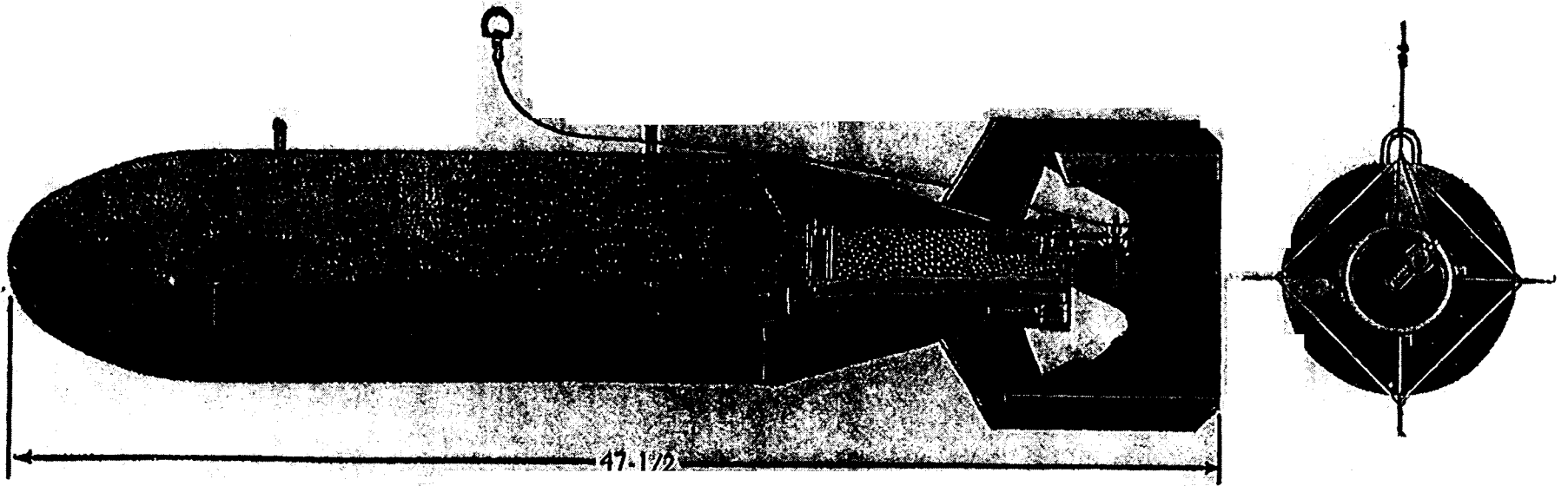
124. **BOMB, PRACTICE, 100-LB., M38A2.** a. **Data.** BOMB, practice, 100-lb., M38A2, is a round-nosed cylindrical bomb designed to simulate general-purpose bombs. (See fig. 117.) It is 47.5 inches long and 8.13 inches in diameter. As issued, the fins are assembled to the bomb body which is empty for sand loading in the field. The empty bomb weighs 15.7 pounds, sand filled; with spotting charge assembled, it weighs 100 pounds. The spotting charge is assembled in a sleeve at the base of the bomb, within the fin box.

b. **Spotting charge.** The authorized spotting charges are **CHARGE**, spotting, assembly, M1A1, M3, and M4. These assemblies consist of a 3-pound charge and an integral fuze consisting of an inertia type firing pin restrained by an arming pin, with a blank loaded shotgun shell for a primer. The M3 produces a large amount of black smoke and is authorized for use over ranges completely covered with snow. The M4 is authorized for use on ranges equipped with sonic spotting devices. The M1A1 is authorized for all other uses.

c. **Assembly.** To assemble the complete round, the following procedure may be used:

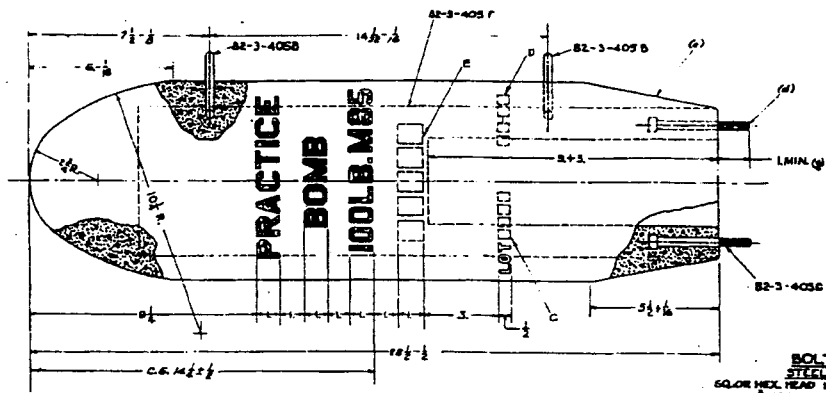
(1) *Load with sand to weight:* Remove the bomb from the carton and inspect for serviceability. Remove the closing cover from its place in the sleeve. Place the bomb upright and fill completely with a uniform sand mixture. Shake the load down well so that there will be no room for it to shift. If a lighter loading is desired, mix sawdust or sifted ashes with the sand. The bomb must be filled, and the loading material must be uniform. Press the closing cap into place.

(2) *Assembly spotting charge:* Insert spotting charge assembly and seat firmly with arming pin pointing away from bomb suspension lugs. Pass arming wire through rear suspension lug and then through eyelet in arming pin. Adjust to protrude 2 to 3 inches.

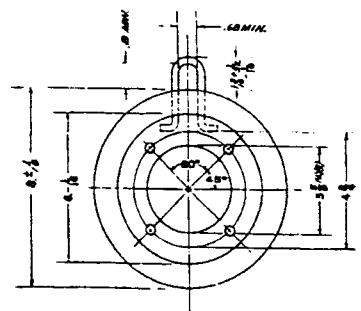


RA PD 26798

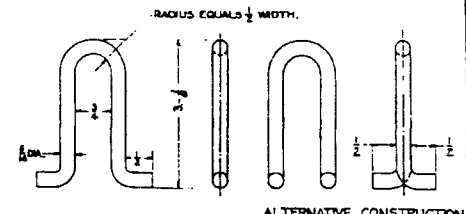
Figure 117. BOMB, practice, 100-lb., M38A2.



BODY ASSEMBLY, 82-3-405A Z
REINFORCED CONCRETE
WEIGHT - 82-3-125

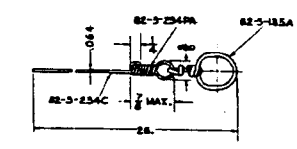


BOLT, TAIL, 82-3-405C Z
STEEL, COMMERCIAL
 SQUARE HEAD, BOLT OR ROUND HEAD BOLT,
 1/2" X 4" MIN. LONG, THREADED 1"
 COLUMBIA OR ZINC PLATE.

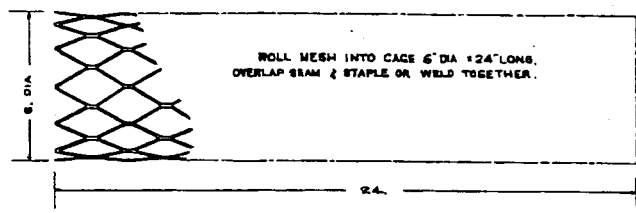


LUS, SUSPENSION, 82-3-405B Z
STEEL, MILD
 COAT ALL SURFACES WITH PRIMER,
 SYNTHETIC, LACQUER-RESISTING.

NOTES:
 B-MARK WITH BLACK LACQUER ENAMEL OR
 BLACK STENCIL INK.
 C-INSERT LOT NUMBER OF BOMB
 D-INSERT DATE (MONTH AND YEAR) OF MANUFACTURE.
 E-INSERT A.I.C. CODE.



ARMING WIRE ASSEMBLY 82-3-405D



CAGE, REINFORCING, 82-3-405F
EXPANDED STEEL, 1/8 GA., 1/8 X 1/8 DIAMOND MESH, COMMERCIAL.

LINE NO.	LIST OF SPECIFICATIONS.	SPEC. NUMBER	REQUIRED BY
1	APPENDIX, EXCEPT SMALL MESH AND, GENERAL SPEC. FOR	82-04	DRG. 82-3-405
2	BOMB, PRACTICE, 100 LB. M85	A13-1870	DRG. 82-3-405
3			
4			
5	INK STENCIL, OFFICE, FOR MARKING FORMS SURFACES (WOODEN-BLOCKS, ETC.)	TT-1-350	DRG. 82-3-405
6	LACQUER ENAMEL, LUSTRELESS	JAN-L-73	DRG. 82-3-405
7	METALS, GEN. SPEC. FOR INSPECTION OF	QD-M-151	87-136
8	PAINTS AND RELATED MATERIALS, GENERAL SPEC. FOR	D-1	JAN-L-73
9	PRIMER, SYNTHETIC, LACQUER-RESISTING	JAN-P-72	DRG. 82-3-405
10	STEEL, CARBON & ALLOY, BARS	87-107	DRG. 82-3-405

NOTICE THIS DRAWING SHALL
 NOT BE USED FOR PRODUCTION
 UNLESS SHOWN ON THE DRAWING
 OR BY OTHER SPECIFIC AUTHORITY
 FROM THE OFFICE OF THE CHIEF OF
 ENGINEERING, AIR FORCE
 HEADQUARTERS, WASHINGTON, D.C.

IF THE SPECIFICATION NUMBERS SHOWN ARE BASIC NUMBERS ONLY, WHEN A SPECIFICATION IS REVISED
 A LETTER IS AFFIXED TO ITS BASIC NUMBER. SPECIFICATIONS REFERRED TO IN THESE
 SPECIFICATIONS AND NOT LISTED HEREON, SHALL NOT APPLY.

- (A) SEE DRAWINGS 82-3-284 AND 82-3-284-A FOR METAL PARTS DETAILS, SPECIFICATIONS AND SHIPPING ASSEMBLY. DIMENSION "C" ON SHIPPING ASSEMBLY EQUALS 3 1/2". (ALTERNATIVE MATERIAL - BLACK STENCIL INK, SPEC. TT-1-350.)
 - (B) 3/8" INCH CAVITY SHALL BE CONCENTRIC WITH 4 TAIL BOLTS 82-3-405C WITHIN 1/8" INCH (1/2" INCH DIAL INDICATOR READINGS).
 - (C) 3/8" INCH CAVITY SHALL BE CONCENTRIC WITH CONICAL SURFACE FOR A DISTANCE OF 2 1/2" INCHES FROM THE TAIL END OF THE CONCRETE PORTION OF THE BOMB WITHIN 1/8" INCH (1/2" INCH DIAL INDICATOR READINGS).
 - (D) MAY BE 3/8" DIA. PROVIDED 3/8" DIA. CAVITY IS CONCENTRIC WITH CONICAL SURFACE FOR A DISTANCE OF 2 1/2" INCHES FROM TAIL END OF THE CONCRETE PORTION OF THE BOMB.
 - (E) EXPOSED PORTION OF TAIL BOLTS MUST BE COMPLETELY THREADED.
- SCALE, INCHES, 1/2".

LINE NO.	NAME OF PART	NUMBER PAID PER COMPONENT	PIECE MARK	MATERIAL		GRADE	SPEC. NUMBER	APPROXIMATE UNIT WEIGHT (POUNDS)	APPROXIMATE QTY. OF PARTS PER ASSEMBLY	REMARKS
				SIZE OR FORM	KIND					
1	BODY ASSEMBLY	1	82-3-405A	CASTING	CONCRETE			82.00		
2	LUS SUSPENSION	2	82-3-405B	BAR	STEEL	WD 10LD.	87-107	.17	120.00	
3	BOLT, TAIL	4	82-3-405C	1/2" X 4" LONG	STEEL		COMMERCIAL			(A)
4	ARMING WIRE ASSEMBLY	1	82-3-405D				COMMERCIAL			
5	CAGE, REINFORCING	1	82-3-405F		STEEL, EXPANDED		COMMERCIAL			
6					PRIMER, SYNTHETIC, LACQUER-RESISTING		JAN-P-72			
7										
8					LACQUER ENAMEL, BLACK		JAN-L-73			(B)

BOMB, PRACTICE, 100 LB. M85. BODY ASSEMBLY, DETAILS AND MARKING DIAGRAM.

AUGUST 17, 1954	CLASS	DIVISION	DRAWING	FILE
REVISIONS	82	3	405	
1 11-18-54				
2 8-28-54				
APPROVED FOR PRODUCTION BY OTHER THAN DESIGNED				
DESIGNED BY				
CHECKED BY				
DRAWN BY				
ORG. PERTAINS TO				
E.I.S.				
APPROVED BY				
C.H. Hopton				
APPROVED BY ORDER OF THE CHIEF OF ENGINEERING				
C.H. Hopton				
ORDNANCE DEPT., U.S.A.				

OBSOLESCENT

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
FOR
VICTORVILLE PBR #4
VICTORVILLE, CALIFORNIA
PROJECT NUMBER: JO9CA068901

APPENDIX E
REPORTS/STUDIES

APPENDIX E
REPORTS / STUDIES

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E-1 INPR, dated 23 July 1991 (B-15)

SITE SURVEY SUMMARY
FOR
DERP PROJECT NO. J09CA068900

SITE NAME: Victorville Precision Bombing Range (PBR) No. 4

LOCATION: The former Victorville PBR No. 4 is located approximately 11 miles southeast of Victorville, California.

SITE HISTORY: All 640 acres of Victorville PBR No. 4 were obtained by fee acquisition from private land owners. The site was used by the Army Air Forces based at Victorville Airfield as a practice bombing area. In September 1948, accountability for Victorville PBR No. 4 was transferred to the War Assets Administration. Currently, the site has approximately 80 parcels owned by private land owners. Most of the site is undeveloped desert land, however, three homes, a power line, and an abandoned dry water well (04N/02W-05N01) are on the site. The dry water well, declared dry at 228 feet in 1956, protrudes above the ground approximately three feet high and has a diameter of 1 foot. The well is open at the top and thus a potential hazard. There are few written documents with information on the well, however, computer records at the Mojave Water Agency in Victorville indicate the well was drilled in 1915, 26 years before the Army obtained the site. According to Sec. 33.0644, San Bernardino County Code, it is the responsibility of the current owner to properly abandon a potentially dangerous well. Thus, it appears the DOD is not responsible for the well. The only DOD improvements still on the site are the weathered remains of the asphalt bombing target. There is no evidence of unsafe debris, hazardous or toxic waste, or unexploded ordnance on the site. However, there are the fragments from exploded ordnance dropped on the bombing target scattered throughout the site. The fragments are spaced approximately 15-20 feet apart within the 300 foot bombing target area and 40-60 feet throughout the remainder of the site. San Bernardino County Environmental Health and Fire Departments, the California Regional Water Quality Control Board No. 6 and the George Air Force Base EOD Office records do not indicate any hazards associated with the site.

SITE VISIT: Dennis Parker and Paul Robinson, The Earth Technology Corporation visited the site on 9 December 1988.

CATEGORY OF HAZARD: During the site visit no visible evidence of hazardous or toxic waste, or unexploded ordnance was observed at the site. However, there is an abandoned well (04N/02W-05N01) in the northeast quarter of the site. There are very few records on

PROJECT SUMMARY SHEET
FOR
DERP-FUDS OE PROJECT NO. J09CA068900
VICTORVILLE PRECISION BOMB RANGE NO. 4
SAN BERNARDINO COUNTY, CALIFORNIA
SITE NO. J09CA068900

PROJECT DESCRIPTION: The Victorville Precision Bombing Range (PBR) No. 4 was used by the U.S. Army Air Corps as a practice bombing target for aircraft from the Victorville Army Air Field (now George AFB).

PROJECT ELIGIBILITY: The property has formerly been used by the U.S. Army Air Corps. No military improvements are known to have occurred. The site is nearly flat with about 24 feet of relief and is covered with light brush, and grass. The site is remote, undeveloped desert, covered with brush and visited by off-road vehicles.

POLICY CONSIDERATIONS: N/A

PROPOSED PROJECT: Recommend the Corp's Mandatory Center of Expertise (MCX) for OEW at the Huntsville Division make a determination if further action is appropriate.

RAC: Attached

DISTRICT POC: Request CEHNC inform Ms. Debra Castens at (213) 894-2865 when a determination is made regarding project status.

DEFENSE ENVIRONMENTAL RESTORATION PROGRAM
FOR FORMERLY USED SITES
FINDINGS AND DETERMINATION OF ELIGIBILITY
VICTORVILLE PRECISION BOMBING RANGE NO. 4
SAN BERNARDINO COUNTY, CALIFORNIA
PROJECT NO. J09CA068900

FINDINGS OF FACT

1. Six hundred and forty acres were obtained by fee acquisition from private land owners in a declaration of taking.
2. Victorville PBR No. 4 was used by the Army Air Forces based at Victorville Airfield as a practice bombing area. There were no buildings on the site. The Department of Defense (DOD) improvements on the site consisted of frame butts and appurtenances, fences and gates, and a bombing target. The bombing target, located in the western portion of the site, was composed of asphalt strips approximately 5 feet wide configured as three concentric circles with approximate radii of 100, 200, and 300 feet. In addition, there were two strips of asphalt which transected the concentric circles at right angles to each other.
3. On 3 September 1948, accountability for 640 acres of Victorville PBR No. 4 was transferred to the War Assets Administration. Currently, the site is divided into approximately 80 parcels owned by private land owners.

DETERMINATION

Based on the foregoing findings of fact, the site has been determined to have been formerly used by the DOD. It is therefore eligible for the Defense Environmental Restoration Program For Formerly Used Defense Sites established under 10 U.S.C. 2701 et seq.

23 July 91

Date

for J. F. Yankoupe LTC ED
ROGER F. YANKOUBE
Brigadier General, U. S. Army
Commanding

the well, however, computer records at the Mojave Water Agency in Victorville indicate the well was drilled in 1915, 26 years before the site was obtained by the Army. According to Sec. 33.0644, San Bernardino County Code, it is the responsibility of the current owner to properly abandon a potentially dangerous well. Thus, it appears the DOD is not responsible for the well.

PROJECT DESCRIPTION: None

AVAILABLE STUDIES AND REPORTS: A real estate file is maintained by the Real Estate Division, Los Angeles District, Corps of Engineers. The real estate file contains partial acquisition and disposal records for the site.

POC/DISTRICT: Debra Castens, (213) 894-2865, Los Angeles District

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
FOR
VICTORVILLE PBR #4
VICTORVILLE, CALIFORNIA
PROJECT NUMBER: JO9CA068901

APPENDIX F

LETTERS/MEMORANDUMS/MISCELLANEOUS ITEMS

APPENDIX F

LETTERS/MEMORANDUMS/MISCELLANEOUS ITEMS

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F-1 Letter, Potential Occurrence of Endangered Species, dated 19 December 1997 (B-16)

F-2 Letter, Potential Occurrence of Cultural Resources, dated 11 November 1997 (B-17)

F-3 Documents: Letter, Response to Request to Clear Victorville Bombing Targets, dated 20 August 1945 (B-18)

F-4 Document, Supply Inventory, History of Victorville Army Air Field, dated 1 November - 31 December 1944 (B-19)

F-5 Record Excerpt, Denotes Bomb Target was Prepared with Lights for Night Bombing, dated 1 January 1943 - 1 March 1944 (B-20)

F-6 Directory Excerpt, Listing of Victorville AAF Bombing Ranges, dated 1 September 1945 (B-21)

F-7 Document, Organizational Status, George AFB, dated April 1956 (B-22)

F-8 Document Excerpt, Historical Record of Victorville Army Air Field, dated 8 December 1941 - 1 January 1943 (B-23)

F-9 Memorandum, Withdrawal of Victorville Bombing Targets from Surplus with Indorsement, dated 20 March 1946 (B-24)

F-10 Document, Narrative Report, Victorville PBR #4, date unknown (B-25)

F-11 Letter, Information Pertaining to Bombing Ranges, ACAFS, Army Air Base, Victorville, California, dated 13 February 1942 (B-26)

F-12 Letter, Victorville Army Flying School, Victorville, California - Bombing Targets-Notice of Completion and Release to Air Corps, dated 4 April 1942 (B-27)

F-13 Document, Victorville Army Air Field Briefs, History of Victorville Army Air Field, dated 1 November - 31 December 1944 (B-19)

F-14 Letter, Declaration of Victorville Bombing Targets of No Further Use, dated 6 October 1945 (B-28)

F-15 Document, Deduidding Report on Bombing Targets Formerly Assigned to Victorville Army Air Field, dated 25 September 1946 (B-29)

F-16 Document, Deduidding Report, dated 17 June 1948 (B-30)



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Ventura Fish and Wildlife Office
2493 Portola Road, Suite B
Ventura, California 93003

December 19, 1997

Director
Defense Ammunition Center
Attn: SIOAC-ESL (R.Hale)
3700 Army Depot Road
Savanna, Illinois 61074-9639

Subject: Species List for the Former Victorville Precision Bombing Range, San Bernardino County, California

Dear Mr. Hale:

This letter is in response to the Department of the Army's (DOA) request, dated November 10, 1997 and received by us on November 17, 1997, for information on listed, proposed, and candidate species that may occur in the vicinity of the former Victorville Precision Bombing Range in San Bernardino County, California. The Army's Defense Ammunition Center is assisting the U.S. Army Corps of Engineers in assessing formerly used defense sites for potential contamination by ordnance and explosives.

The threatened desert tortoise (*Gopherus agassizii*) occurs in the vicinity of the Victorville Precision Bombing Range. Critical habitat for the desert tortoise has been designated and portions of the bombing range occur within the Ord-Rodman critical habitat unit. No species proposed for listing or candidate species occur within the area of the bombing range.

This letter fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act of 1973, as amended (Act). If the subject project may affect a listed species, the DOA has the responsibility to prepare a biological assessment if the project is a construction project which may require an environmental impact statement^{1/}. If a biological assessment is not required, the DOA still has the responsibility to review its proposed activities and determine whether the listed species will be affected.

During the assessment or review process, the DOA may engage in planning efforts, but may not make any irreversible commitment of resources. Such a commitment could constitute a violation of section 7(d) of the Act. If a threatened or endangered species may be affected, the DOA should request, in writing through our office, consultation pursuant to section 7 of the Act.

Informal consultation may be used to exchange information and resolve conflicts with respect to threatened or endangered species prior to a written request for formal consultation.

Should you have any questions, please contact Denise Washick of my staff at (805) 644-1766.

Sincerely,



Diane K. Noda
Field Supervisor

^{1/} "Construction Project" means any major Federal action which significantly affects the quality of the human environment designed primarily to result in the building or erection of man-made structures such as dams, buildings, roads, pipelines, channels and the like. This includes Federal actions such as permits, grants, licenses, or other forms of Federal authorizations or approval which may result in construction.

Listed Species in SAN BERNARDINO County

COMMON NAME	SCIENTIFIC NAME	FEDERAL STATUS	STATE STATUS
-----	-----	-----	-----
BALD EAGLE	HALIAEETUS LEUCOCEPHALUS	Threatened	Endangered
SWAINSONS HAWK	BUTEO SWAINSONI	None	Threatened
YUMA CLAPPER RAIL	RALLUS LONGIROSTRIS YUMANENSIS	Endangered	Threatened
WESTERN SNOWY PLOVER	CHARADRIUS ALEXANDRINUS NIVOSUS	Threatened	None
WESTERN YELLOW BILLED CUCKOO	COCCYZUS AMERICANUS OCCIDENTALIS	None	Endangered
ELF OWL	MICRATHENE WHITNEYI	None	Endangered
GILA WOODPECKER	MELANERPES UROPYGIALIS	None	Endangered
WILLOW FLYCATCHER	EMPIDONAX TRAILLII	None	Endangered
CALIFORNIA GNATCATCHER	POLIOPTILA CALIFORNICA	Threatened	None
ARIZONA BELLS VIREO	VIREO BELLII ARIZONAE	None	Endangered
LEAST BELLS VIREO	VIREO BELLII PUSILLUS	Endangered	Endangered
MOHAVE TUI CHUB	GILA BICOLOR MOHAVENSIS	Endangered	Endangered
UNARMORED THREESPINE STICKLEBACK	GASTEROSTEUS ACULEATUS WILLIAMSONI	Endangered	Endangered
MOHAVE GROUND SQUIRREL	SPERMOPHILUS MOHAVENSIS	Sp of Concern (C2)	Threatened
STEPHENS KANGAROO RAT	DIPODOMYS STEPHENSI	Endangered	Threatened
DESERT TORTOISE	XEROBATES AGASSIZII	Threatened	Threatened
SOUTHERN RUBBER BOA	CHARINA BOTTAE UMBRATICA	Sp of Concern (C2)	Threatened
ARROYO SOUTHWESTERN TOAD	BUFO MICROSCAPHUS CALIFORNICUS	Endangered	None
CALIFORNIA RED-LEGGED FROG	RANA AURORA DRAYTONII	Threatened	None
DELHI SANDS FLOWER-LOVING FLY	RHAPHIOMIDAS TERMINATUS ABDOMINALIS	Endangered	None
PARISH'S DAISY	ERIGERON PARISHII	Threatened	None
MOHAVE TARPLANT	HEMIZONIA MOHAVENSIS	Sp of Concern (C2*)	Endangered
NEVIN'S BARBERRY	BERBERIS NEVINII	Proposed Endangered	Endangered
SAN BERNARDINO MTNS BLADDERPOD	LESQUERELLA KINGII SSP BERNARDINA	Endangered	None
GAMBEL'S WATERCRESS	RORIPPA GAMBELLII	Endangered	Threatened
SLENDER-PETALED THELYPODIUM	THELYPODIUM STENOPETALUM	Endangered	Endangered
CUSHENBURY MILK-VETCH	ASTRAGALUS ALBENS	Endangered	None
PARISH'S CHECKERBLOOM	SIDALCEA HICKMANII SSP PARISHII	Candidate	Rare
BIRD-FOOTED CHECKERBLOOM	SIDALCEA PEDATA	Endangered	Endangered
THORNE'S BUCKWHEAT	ERIOGONUM ERICIFOLIUM VAR THORNEI	Sp of Concern (C1)	Endangered
CUSHENBURY BUCKWHEAT	ERIOGONUM OVALIFOLIUM VAR VINEUM	Endangered	None
CUSHENBURY OXYTHECA	OXYTHECA PARISHII VAR GOODMANIANA	Endangered	None
SLENDER-HORNED SPINEFLOWER	DODECAHEMA LEPTOCERAS	Endangered	Endangered
SANTA ANA RIVER WOOLLYSTAR	ERIASTRUM DENSIFOLIUM SSP SANCTORUM	Endangered	Endangered
THREAD-LEAVED BRODIAEA	BRODIAEA FILIFOLIA	Proposed Threatened	Endangered

CALIFORNIA
ARCHAEOLOGICAL
INVENTORY



ARCHAEOLOGICAL INFORMATION CENTER
San Bernardino County Museum
2024 Orange Tree Lane
Redlands, California 92374
(909) 792-1497
(909) 798-8585 - FAX

11 November 1997

Larry Dauphin, SIOAC-ESL
Defense Ammunition Center
3700 Army Depot Road
Savanna, IL 61074-9639

Dear Mr. Dauphin,

Here is your record search for the formerly used defense sites in order of request. I checked the whole sections of all the areas even if your mapped APE did not cover it so that you would have a better idea of any cultural resources nearby. For a complete bibliography listed by NADB numbers, see the enclosed bibliography.

1) PBR N-3/PBR #44 USGS Hinkley 7.5' Quad

There are no recorded sites within T10N R3W Sec 8, however, there are two reports covering that area numbered NADB 1061035 & 1061479 in the bibliography. There are many prehistoric sites in the vicinity including Black & Inscription Canyon Rock Art District which is currently being nominated to the National Register.

2) PBR #3 USGS Fairview Valley 7.5' Quad

There are two lithic reduction sites in T6N R2W Sec 27, 28, 33, 34 designated SBR-2132 & SBR-2135. There are no reports recorded within the project area.

3) PBR #4 USGS Apple Valley South & Fifteenmile Valley 7.5' Quads

There are no recorded sites in T4N R2W Sec 5, 6, 7, 8. Two reports, 1060629 & 1062515, are inside the APE and four reports, 1060240, 1060900, 1060901 & 1062158, skirt the SE corner of Sec 8.

4) PBR #5 USGS West Ord Mtn 7.5' Quad (APE is not on USGS Stoddard Well)

There are no sites and no survey reports for T6N R1W Sec 4.

5) PBR #6 USGS Lucerne Valley & White Horse Mtn 7.5' Quads

There are no sites recorded For T5N R1W Sec 22, 23, 26, 27. One pipeline report, 1060046, passes through the APE.

6) PBR #9 USGS Fry Mtn & Grandview Mine 7.5' Quads

There are no sites and no surveys recorded for T5N R2E Sec 2, 3 & T6N R2E Sec 34, 35.

7) PBR #10 USGS Old Woman Springs 7.5' Quad

There is one lithic scatter, SBR-1883, and no reports recorded in the T4N R2E Sec 1, 12 & T4N R3E Sec 6, 7.

8) PBR #11 USGS Fry Mtn & Iron Ridge 7.5' Quads

There is one isolate on the Fry Mtn Quad and three isolates on the Iron Ridge Quad. All are flakes. Two reports cross the APE, 1060240 & 1063065.

- 9) PBR #12 USGS Melville Lake 7.5' Quad
There are no sites recorded for T4N R4E Sec 5 & T5N R4E Sec 32, however, there are two reports, 1062257 & 1060956.
- 10) PBR #14 USGS Galway Lake & Iron Ridge 7.5' Quads
There are no recorded sites in T6N R5E Sec 30, however, there is rock art recorded in the vicinity. Two reports, 1060701 & 1062257, are in the APE.
- 11) PBR #15 USGS Emerson Lake & Melville Lake 7.5' Quads
There are no sites or surveys within T4N R5E Sec 30, 31. Report 1062257 is adjacent to the APE on the west.
- 12) PBR #16 USGS Emerson Lake & Melville Lake 7.5' Quads
There are no sites in T4N R5E Sec 6 & T5N R5E Sec 31. There is one report, 1060956, on the Emerson Lake Quad.
- 13) PBR #19 USGS Joshua Tree North 7.5' Quad
There is one pending military site dead center of T2N R6E Sec 26, 27 designated P1031-1H. A pending site is one that has not been formally recorded, but we have some information on. One report, 1061724, in in the APE.

None of these areas has been well surveyed, however, I noted "abandoned target" on some of the maps within the APE. Also, you might check the old George AFB records (previously known as Victorville Army Airfield) for more information. Someone talked to my father-in-law last year about some of the areas. He was stationed there in 1945-7.

If you have any further questions, please, call me at (909) 792-1497 Tuesday through Friday between 8 AM & 4 PM. Have a great day!

Sincerely,



Robin E. Laska
Acting Coordinator

VICTORVILLE ARMY AIRFIELD FORMERLY USED DEFENSE SITES
Area-Specific Reports

Document No.: 1060046

Unpublished Report

GROSSCUP, GORDON L. AND JACK E. SMITH

1960 MOHAVE DESERT PIPELINE SURVEY. GORDON L. GROSSCUP AND JACK E. SMITH. SUBMITTED TO UNIVERSITY OF CALIFORNIA AT LOS ANGELES. UNPUBLISHED REPORT ON FILE AT S.B. CO. MUSEUM, 2024 ORANGE TREE LANE, REDLANDS, CA 92374.

Last Update: 05/26/92

Cataloged by: WRO-CA-03 on 11/04/88

Keywords: PREHISTORIC (1), ARCHAEOLOGICAL SURVEY REPORT (1), INTERMONTANE VALLEY (4), SAN BERNARDINO VALLEY (4), TRANSVERSE RANGES (4), CAJON CANYON (4), MOJAVE DESERT (4), RABBIT LAKE (4), LUCERNE LAKE (4), TROY LAKE (4), LAKE MANIX (4), MOJAVE RIVER (4), CRONESE LAKES (4), SODA LAKE (4), LAKE MOJAVE (4), IVANPAH LAKE (4), MESCAL VALLEY (4), IVANPAH VALLEY (4), USGS APPLE VALLEY 7.5' QUAD (4), USGS FIFTEENMILE VALLEY 7.5' QUAD (4), USGS HESPERIA 7.5' QUAD (4), USGS SILVERWOOD LAKE 7.5 QUAD (4), USGS CAJON 7.5 QUAD (4), USGS LUCERNE VALLEY 7.5' QUAD (4), USGS NEWBERRY SPRINGS 7.5' QUAD (4), USGS TROY LAKE 7.5' QUAD (4), USGS MANIX 7.5' QUAD (4), USGS ROACH LAKE 15' QUAD (4), USGS IVANPAH 15' QUAD (4), USGS MESCAL RANGE 15' QUAD (4), USGS HALLORAN SPRING 15' QUAD (4), USGS BAKER 15' QUAD (4), USGS SODA LAKE 15' QUAD (4), USGS CAVE MOUNTAINS 15' QUAD (4), USGS CADY MOUNTAINS 15' QUAD (4), USGS RODMAN MOUNTAINS 15' QUAD (4), USGS ORD MOUNTAINS 15' QUAD (4), 60-0.2 (7), CA-SBR-113 (4), CA-SBR-122 (4), CA-SBR-114 (4), CA-SBR-123 (4), CA-SBR-124 (4), CA-SBR-126 (4), CA-SBR-127 (4), CA-SBR-130 (4), CA-SBR-128 (4), CA-SBR-261 (4), CA-SBR-129 (4), CA-SBR-267 (4), CA-SBR-132 (4), CA-SBR-208 (4), CA-SBR-131 (4), CA-SBR-133 (4), CA-SBR-134 (4)

Document No.: 1060240

Unpublished Report

CONNELLY, M. CAROLE

1974 ARCHAEOLOGICAL IMPACT EVALUATION: SOUTHERN CALIFORNIA EDISON PROPOSED GENERATING STATION IN UPPER JOHNSON VALLEY AND ASSOCIATED TRANSMISSION, GAS AND FUEL ROUTES. ARCHAEOLOGICAL RESEARCH UNIT, UCR. SUBMITTED TO SOUTHERN CALIFORNIA EDISON. UNPUBLISHED REPORT ON FILE AT S.B. CO. MUSEUM, 2024 ORANGE TREE LANE, REDLANDS, CA 92374.

Last Update: 12/22/88

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Keywords: PREHISTORIC (1), ARCHAEOLOGICAL SURVEY REPORT (1), LITHIC SCATTERS (1), LITHIC REDUCTION SITES (1), ROCKSHELTERS (1), ROASTING PITS (1), FOOD PROCESSING SITES (1), FLAKED LITHICS (3), PROJECTILE POINTS (3), HAMMERSTONES (3), GROUND STONE (3), MOJAVE DESERT (4), RABBIT LAKE (4), TRANSVERSE RANGES (4), SAN BERNARDINO MOUNTAINS (4), CA-SBR-3843 (4), CA-SBR-3844 (4), CA-SBR-3845 (4), CA-SBR-3436 (4), CA-SBR-3784 (4), CA-SBR-3785 (4), CA-SBR-181 (4), CA-SBR-3783 (4), CA-SBR-3780 (4), CA-SBR-3781 (4), CA-SBR-3782 (4), CA-SBR-3849 (4), CA-SBR-3850 (4), CA-SBR-3851 (4), CA-SBR-3697 (4), CA-SBR-3698 (4), CA-SBR-2208 (4), PSBR-15 (4), PSBR-14 (4), 74-12.1D (7), USGS CAJON 7.5' QUAD (4), USGS SILVERWOOD LAKE 7.5' QUAD (4), USGS HESPERIA 7.5' QUAD (4), USGS APPLE VALLEY SOUTH 7.5' QUAD (4), USGS FIFTEENMILE VALLEY 7.5' QUAD (4), USGS LUCERNE VALLEY 7.5' QUAD (4), USGS COUGAR BUTTES 7.5' QUAD (4), USGS MINNEOLA 7.5' QUAD (4), USGS RODMAN MOUNTAINS 15' QUAD (4), USGS ORD MOUNTAINS 15' QUAD (4), JASPER (3), CHALCEDONY (3), QUARTZITE (3),

OBSIDIAN (3), BASALT (3), QUARTZ CRYSTAL (3), CHERT (3), RHYOLITE (3),
GRANITE (3)

Document No.: 1060629

Unpublished Report

LEONARD III, N. NELSON

1978 ARCHAEOLOGICAL RECONNAISSANCE, TENTATIVE TRACT 7150, BEAR VALLEY
REGION. SAN BERNARDINO COUNTY MUSEUM ASSOCIATION. SUBMITTED TO HICKS
AND HARTWICK. UNPUBLISHED REPORT ON FILE AT S.B. CO. MUSEUM, 2024 ORANGE
TREE LANE, REDLANDS, CA 92374.

Last Update: 12/21/88

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Keywords: PREHISTORIC (1), HISTORIC (1), ARCHAEOLOGICAL RECONNAISSANCE
REPORT (1), TRANSVERSE RANGES (4), SAN BERNARDINO MOUNTAINS (4), USGS
MOONRIDGE 7.5' QUAD (4), NO RESOURCES (4), 78-4.4 (7)

Document No.: 1060701

Unpublished Report

STUMPF, GARY

1978 ARCHAEOLOGICAL RECONNAISSANCE REPORT: CHECKERS MOTORCYCLE RACE.
GARY STUMPF. SUBMITTED TO AMERICAN MOTORCYCLE ASSOCIATION. UNPUBLISHED
REPORT ON FILE AT S.B. CO. MUSEUM, 2024 ORANGE TREE LANE, REDLANDS, CA
92374.

Last Update: 12/27/88

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Keywords: PREHISTORIC (1), ARCHAEOLOGICAL RECONNAISSANCE REPORT (1), GROUND
STONE (3), MOJAVE DESERT (4), EMERSON LAKE (4), MELVILLE LAKE (4), SOGGY
LAKE (4), ORD MOUNTAINS (4), USGS ORD MOUNTAINS 15' QUAD (4), USGS RODMAN
MOUNTAINS 15' QUAD (4), USGS LAVIC 15' QUAD (4), USGS OLD WOMAN SPRINGS
15' QUAD (4), NO RESOURCES; NO SPECIFIC RESOURCES MENTIONED (4), 78-11.4
(7)

Document No.: 1060900

Unpublished Report

WEIL, EDWARD B.

1979 PREHISTORIC CULTURAL RESOURCE INVESTIGATIONS: SOUTHERN CALIFORNIA
EDISON LUCERNE VALLEY PROJECT, SUMMARY REPORT. CALIFORNIA STATE
UNIVERSITY DOMINGUEZ HILLS. SUBMITTED TO APPLIED CONSERVATION
TECHNOLOGY, INC. UNPUBLISHED REPORT ON FILE AT S.B. CO. MUSEUM, 2024
ORANGE TREE LANE, REDLANDS, CA 92374.

Last Update: 01/17/89

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Keywords: PREHISTORIC (1), ARCHAEOLOGICAL SURVEY REPORT (1), LITHIC SCATTERS
(1), OPEN HABITATION SITES (1), ROCKSHELTERS (1), VILLAGES (1), BEDROCK
MORTARS (1), LITHIC QUARRY (1), HOUSE PITS (1), FOOD PROCESSING SITES (1),
ROCK ART (1), PETROGLYPHS (1), ROSE SPRING (2), LAKE MOJAVE (2), FLAKED
LITHICS (3), PROJECTILE POINTS (3), GROUND STONE (3), POTTERY (3), JASPER
(3), HAMMERSTONES (3), SHELL BEADS (3), MOJAVE DESERT (4), LUCERNE LAKE
(4), RABBIT LAKE (4), MOJAVE RIVER (4), USGS APPLE VALLEY SOUTH 7.5' QUAD
(4), USGS FIFTEENMILE VALLEY 7.5' QUAD (4), USGS SILVERWOOD LAKE 7.5' QUAD
(4), USGS HESPERIA 7.5' QUAD (4), USGS LUCERNE VALLEY 7.5' QUAD (4), USGS
COUGAR BUTTES 7.5' QUAD (4), USGS RODMAN MOUNTAINS 15' QUAD (4), USGS ORD
MOUNTAINS 15' QUAD (4), USGS DAGGETT 15' QUAD (4), USGS OLD WOMAN SPRINGS
15' QUAD (4), CA-SBR-3843 (4), CA-SBR-3844 (4), CA-SBR-3845 (4),
CA-SBR-3784 (4), CA-SBR-3785 (4), CA-SBR-3780 (4), CA-SBR-3781 (4),
CA-SBR-3853 (4), CA-SBR-3782 (4), CA-SBR-3783 (4), CA-SBR-3849 (4),
CA-SBR-3850 (4), CA-SBR-3684 (4), CA-SBR-3685 (4), CA-SBR-3636 (4),
CA-SBR-3687 (4), CA-SBR-2204 (4), CA-SBR-1460 (4), CA-SBR-3720 (4),
CA-SBR-123 (4), CA-SBR-124 (4), CA-SBR-145 (4), CA-SBR-178 (4), CA-SBR-179
(4), CA-SBR-181 (4), CA-SBR-195 (4), CA-SBR-269 (4), CA-SBR-940 (4),
CA-SBR-945 (4), CA-SBR-2073 (4), CA-SBR-2780 (4), CA-SBR-3169 (4),
CA-SBR-3404 (4), CA-SBR-3814 (4), CA-SBR-3821 (4), CA-SBR-3823 (4),

Document No.: 1060901

Unpublished Report

WEIL, EDWARD B.

1980 PREHISTORIC CULTURAL RESOURCE INVESTIGATIONS FOR THE LUCERNE VALLEY PROJECT, SAN BERNARDINO COUNTY, CALIFORNIA. CALIFORNIA STATE UNIVERSITY DOMINGUEZ HILLS. SUBMITTED TO SOUTHERN CALIFORNIA EDISON COMPANY. UNPUBLISHED REPORT ON FILE AT S.B. CO. MUSEUM, 2024 ORANGE TREE LANE, REDLANDS, CA 92374.

Last Update: 04/05/89

Cataloged by: WRO-CA-03 on 01/17/89

Keywords: PREHISTORIC (1), HISTORIC (1), ARCHAEOLOGICAL SURVEY REPORT (1), CULTURAL HISTORY (1), ENVIRONMENTAL OVERVIEW (1), LITHIC SCATTER (1), ROCKSHELTERS (1), MINING SITE (1), VILLAGES (1), HOUSE PITS (1), FIRE HEARTHES (1), BURIALS (1), CREMATIONS (1), ROCK ART (1), PETROGLYPHS (1), DAM (1), RESIDENTIAL FOUNDATION (1), STONE WALL (1), TRAILS (1), BEDROCK SLICK (1), FOOD PROCESSING SITES (1), PINTO (2), FLAKED LITHICS (3), JASPER (3), CHALCEDONY (3), RHYOLITE (3), QUARTZITE (3), CHERT (3), OBSIDIAN (3), BASALT (3), QUARTZ (3), QUARTZ CRYSTAL (3), SHELL BEADS (3), POTTERY (3), GROUND STONE (3), PROJECTILE POINTS (3), BASKETRY (3), TINNED CANS (3), GLASS BOTTLES (3), METAL NAILS (3), WOODEN CRATES (3), MOJAVE DESERT (4), LUCERNE LAKE (4), RABBIT LAKE (4), MOJAVE RIVER (4), USGS APPLE VALLEY SOUTH 7.5' QUAD (4), USGS FIFTEENMILE VALLEY 7.5' QUAD (4), USGS SILVERWOOD LAKE 7.5' QUAD (4), USGS HESPERIA 7.5' QUAD (4), USGS LUCERNE VALLEY 7.5' QUAD (4), USGS COUGAR BUTTES 7.5' QUAD (4), USGS RODMAN MOUNTAINS 15' QUAD (4), USGS ORD MOUNTAINS 15' QUAD (4), USGS DAGGETT 15' QUAD (4), USGS OLD WOMAN SPRINGS 15' QUAD (4), CA-SBR-3843 (4), CA-SBR-3844 (4), CA-SBR-3845 (4), CA-SBR-3812 (4), CA-SBR-3813 (4), CA-SBR-945 (4), CA-SBR-3684 (4), CA-SBR-3783 (4), CA-SBR-3811 (4), CA-SBR-3823 (4), CA-SBR-3822H (4), CA-SBR-179 (4), CA-SBR-3685 (4), CA-SBR-3686/H (4), CA-SBR-3687/H (4), CA-SBR-3780 (4), CA-SBR-3853 (4), CA-SBR-3781 (4), CA-SBR-3782 (4), CA-SBR-2204 (4), CA-SBR-3720 (4), CA-SBR-1460 (4), CA-SBR-178 (4), CA-SBR-3819 (4), CA-SBR-3849 (4), CA-SBR-3850 (4), CA-SBR-3814 (4), CA-SBR-3785 (4), CA-SBR-2868 (4), CA-SBR-2869 (4), CA-SBR-3816 (4), CA-SBR-3815 (4), CA-SBR-2870 (4), CA-SBR-3820 (4), CA-SBR-2868 (4), 80-1.4B (7)

Document No.: 1060956

Unpublished Report

SUTTON, MARK Q.

1980 CULTURAL ASSESSMENT OF USGS SEISMIC TEST LOCATIONS. MARK Q. SUTTON. SUBMITTED TO BUREAU OF LAND MANAGEMENT - BARSTOW OFFICE. UNPUBLISHED REPORT ON FILE AT S.B. CO. MUSEUM, 2024 ORANGE TREE LANE, REDLANDS, CA 92374.

Last Update: 01/19/89

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Keywords: PREHISTORIC (1), ARCHAEOLOGICAL RECONNAISSANCE REPORT (1), LITHIC QUARRY (1), MOJAVE DESERT (4), USGS COUGAR BUTTES 7.5' QUAD (4), USGS RODMAN MOUNTAIN 15' QUAD (4), USGS EMERSON LAKE 15' QUAD (4), USGS OLD WOMAN SPRINGS 15' QUAD (4), CA-SBR-426 (4), 80-5.3 (7)

Document No.: 1061035

Unpublished Report

SUTTON, MARK Q.

1980 HARPER LAKE FENCE. MARK Q. SUTTON. SUBMITTED TO BUREAU OF LAND MANAGEMENT - BARSTOW OFFICE. UNPUBLISHED REPORT ON FILE AT S.B. CO. MUSEUM, 2024 ORANGE TREE LANE, REDLANDS, CA 92374.

Last Update: 02/22/89

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Keywords: PREHISTORIC (1), ARCHAEOLOGICAL RECONNAISSANCE REPORT (1), MOJAVE

Document No.: 1061479
DAMES & MOORE

Unpublished Report

1985 MEAD/MCCULLOUGH-VICTORVILLE/ADELANTO TRANSMISSION PROJECT TECHNICAL REPORT: VOLUME IV, CULTURAL RESOURCES. DAMES & MOORE. SUBMITTED TO LOS ANGELES DEPARTMENT OF WATER AND POWER. UNPUBLISHED REPORT ON FILE AT S.B. CO. MUSEUM, 2024 ORANGE TREE LANE, REDLANDS, CA 92374.

Last Update: 05/22/89

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Keywords: PREHISTORIC (1), HISTORIC (1), ETHNOGRAPHIC (1), ARCHAEOLOGICAL RECONNAISSANCE REPORT (1), JASPER QUARRY (1), STONE CAIRNS (1), STONE ALIGNMENTS (1), LITHIC SCATTER (1), CULTURAL HISTORY (1), FLAKED LITHICS (3), JASPER (3), CHERT (3), CHALCEDONY (3), RHYOLITE (3), MOJAVE DESERT (4), MESCAL VALLEY (4), SODA MOUNTAINS (4), USGS HINKLEY 7.5' QUAD (4), USGS TWELVE GUAGE LAKE 7.5' QUAD (4), USGS KRAMER 7.5' QUAD (4), USGS KRAMER HILLS 7.5' QUAD (4), USGS VICTORVILLE NW 7.5' QUAD (4), USGS HELENDALE 7.5' QUAD (4), USGS ASTLEY RANCHO 7.5' QUAD (4), USGS ADELANTO 7.5' QUAD (4), USGS VICTORVILLE 7.5' QUAD (4), USGS HODGE 7.5' QUAD (4), USGS APPLE VALLEY NORTH 7.5' QUAD (4), USGS TURTLE VALLEY 7.5' QUAD (4), USGS STODDARD WELL 7.5' QUAD (4), USGS BARSTOW SE 7.5' QUAD (4), USGS BARSTOW 7.5' QUAD (4), USGS DAGGETT 7.5' QUAD (4), USGS NEBO 7.5' QUAD (4), USGS MINNEOLA 7.5' QUAD (4), USGS YERMO 7.5' QUAD (4), USGS MANIX 7.5' QUAD (4), USGS HARVARD HILL 7.5' QUAD (4), USGS ROACH LAKE 15' QUAD (4), USGS CLARK MOUNTAIN 15' QUAD (4), USGS KINGSTON PEAK 15' QUAD (4), USGS MESCAL RANGE 15' QUAD (4), USGS HALLORAN SPRING 15' QUAD (4), USGS BAKER 15' QUAD (4), USGS SODA LAKE 15' QUAD (4), USGS RED PASS LAKE 15' QUAD (4), USGS CAVE MOUNTAIN 15' QUAD (4), USGS ALVORD MOUNTAIN 15' QUAD (4), USGS LANE MOUNTAIN 15' QUAD (4), CA-SBR-5332 (4), CA-SBR-5331 (4), CA-SBR-5430 (4), MEAD/MCCULLOUGH-VICTORVILLE/ADELANTO PROJECT (6), 85-1.1 (7)

Document No.: 1061724

Unpublished Report

BROCK, JAMES AND JOHN F. ELLIOTT

1987 A CULTURAL RESOURCES ASSESSMENT OF JOSHUA BASIN WATER DISTRICT'S ASSESSMENT DISTRICT NUMBER 87-1, SAN BERNARDINO COUNTY, CALIFORNIA. ARCHAEOLOGICAL ADVISORY GROUP. SUBMITTED TO KRIEGER & STEWART, INC. UNPUBLISHED REPORT ON FILE AT S.B. CO. MUSEUM, 2024 ORANGE TREE LANE, REDLANDS, CA 92374.

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Document No.: 1062158

Unpublished Report

MORTLAND, CAROL A.

1974 ARCHAEOLOGICAL IMPACT EVALUATION: SOUTHERN CALIFORNIA EDISON PROPOSED GENERATING STATION IN UPPER JOHNSON VALLEY AND ASSOCIATED TRANSMISSION, GAS AND FUEL ROUTES. ARCHAEOLOGICAL RESEARCH UNIT, UCR. SUBMITTED TO SOUTHERN CALIFORNIA EDISON. UNPUBLISHED REPORT ON FILE AT S.B. CO. MUSEUM, 2024 ORANGE TREE LANE, REDLANDS, CA 92374.

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PROJECTILE POINTS (3), HAMMERSTONES (3), QUARTZITE (3), CHERT (3), OBSIDIAN (3), BASALT (3), AGATE (3), QUARTZ (3), POTTERY (3), GROUND STONE (3), GRANITE (3), MOJAVE DESERT (4), RABBIT LAKE (4), TRANSVERSE RANGES (4), SAN BERNARDINO MOUNTAINS (4), CA-SBR-3843 (4), CA-SBR-3844 (4), CA-SBR-3845 (4), CA-SBR-3784 (4), CA-SBR-3785 (4), CA-SBR-3433 (4), CA-SBR-3434 (4), CA-SBR-3435 (4), CA-SBR-3780 (4), CA-SBR-3781 (4), CA-SBR-3782 (4), CA-SBR-181 (4), CA-SBR-3783 (4), CA-SBR-6190 (4), CA-SBR-2592 (4), CA-SBR-1922 (4), CA-SBR-3849 (4), CA-SBR-3850 (4), CA-SBR-3851 (4), CA-SBR-3697 (4), CA-SBR-3698 (4), CA-SBR-2208 (4), P1322-4 (4), P1334-15 (4), P1334-16 (4), PSBR-15 (4), USGS MINNEOLA 7.5' QUAD (4), USGS LANDERS 7.5' QUAD (4), USGS YUCCA VALLEY NORTH 7.5' QUAD (4), USGS COUGAR BUTTES 7.5' QUAD (4), USGS LUCERNE VALLEY 7.5' QUAD (4), USGS FIFTEENMILE VALLEY 7.5' QUAD (4), USGS APPLE VALLEY SOUTH 7.5' QUAD (4), USGS HESPERIA 7.5' QUAD (4), USGS SILVERWOOD LAKE 7.5' QUAD (4), USGS CAJON 7.5' QUAD (4), USGS ORD MOUNTAINS 15' QUAD (4), USGS RODMAN MOUNTAINS 15' QUAD (4), USGS OLD WOMAN SPRINGS 15' QUAD (4), 74-6.1 (7)

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Unpublished Report

BUREAU OF LAND MANAGEMENT

1978 ARCHAEOLOGICAL SITES OF THE CALIFORNIA DESERT AREA (CALICO, KRAMER, STODDARD, JOHNSON, MORONGO, TWENTYNINE PALMS) TRANSECT FORMS. UNKNOWN. SUBMITTED TO BUREAU OF LAND MANAGEMENT. UNPUBLISHED REPORT ON FILE AT S.B. CO. MUSEUM, 2024 ORANGE TREE LANE, REDLANDS, CA 92374.

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CA-SBR-3305H (4), CA-SBR-146 (4), CA-SBR-3328H (4), CA-SBR-3320 (4),
CA-SBR-3321 (4), CA-SBR-3323 (4), CA-SBR-3324 (4), CA-SBR-3306 (4),
CA-SBR-3307 (4), CA-SBR-3309 (4), CA-SBR-3310 (4), CA-SBR-3311 (4),
CA-SBR-3312 (4), CA-SBR-3313 (4), CA-SBR-3314 (4), CA-SBR-3395 (4),
CA-SBR-3384 (4), CA-SBR-3385 (4), CA-SBR-3387 (4), CA-SBR-3389 (4),
CA-SBR-3390 (4), CA-SBR-3391 (4), CA-SBR-3393 (4), CA-SBR-3394 (4),
CA-SBR-3376 (4), CA-SBR-3377 (4), CA-SBR-3379 (4), CA-SBR-3380 (4),
CA-SBR-3381 (4), CA-SBR-3357 (4), CA-SBR-3361 (4), CA-SBR-3363 (4),
CA-SBR-3364 (4), CA-SBR-3366 (4), CA-SBR-3368 (4), CA-SBR-3370 (4),
CA-SBR-3371 (4), CA-SBR-3372 (4), CA-SBR-3373 (4), CA-SBR-3374 (4),
CA-SBR-3375 (4), CA-SBR-3674 (4), CA-SBR-3405H (4), CA-SBR-3423 (4),
CA-SBR-3424 (4), CA-SBR-3425 (4), CA-SBR-3426 (4), CA-SBR-2131 (4),
CA-SBR-3332 (4), CA-SBR-3333 (4), CA-SBR-3334 (4), CA-SBR-3335 (4),
CA-SBR-3336 (4), CA-SBR-3337 (4), CA-SBR-3338 (4), CA-SBR-3339 (4),
CA-SBR-3340 (4), CA-SBR-3341 (4), CA-SBR-3301 (4), CA-SBR-3291 (4),
CA-SBR-3292 (4), CA-SBR-3293 (4), CA-SBR-3294 (4), CA-SBR-3295 (4),
CA-SBR-3296 (4), CA-SBR-3298 (4), CA-SBR-3299 (4), CA-SBR-3303 (4),
CA-SBR-3343 (4), CA-SBR-3345 (4), CA-SBR-3346 (4), CA-SBR-3348 (4),
CA-SBR-3349 (4), CA-SBR-3350 (4), CA-SBR-3351 (4), CA-SBR-3352 (4),
CA-SBR-3353 (4), CA-SBR-3354 (4), CA-SBR-3355 (4), CA-SBR-3356 (4),
CA-SBR-3382 (4), CA-SBR-3383 (4), CA-SBR-3401H (4), CA-SBR-3403 (4),
CA-SBR-3410H (4), CA-SBR-3411H (4), CA-SBR-3412 (4), CA-SBR-3413 (4),
CA-SBR-3300 (4), CA-SBR-3404 (4), CA-SBR-3408 (4), CA-SBR-3419H (4),
P207-30 (4), 78-0.13 (7)

Document No.: 1062515
LERCH, MICHAEL K.

Unpublished Report

1992 CLASS III CULTURAL RESOURCES INVENTORY OF THE MORONGO BASIN PIPELINE
PROJECT, HESPERIA TO LANDERS, SAN BERNARDINO COUNTY, CALIFORNIA.
MICHAEL K. LERCH & ASSOCIATES. SUBMITTED TO TOM DODSON & ASSOCIATES.
UNPUBLISHED REPORT ON FILE AT S.B. CO. MUSEUM, 2024 ORANGE TREE LANE,
REDLANDS, CA 92374.

Last Update: 05/22/92

Cataloged by: WRO-CA-03 on 05/22/92

Keywords: PREHISTORIC (1), HISTORIC (1), ARCHAEOLOGICAL RECONNAISSANCE
REPORT (1), FIRE HEARTH (1), HOMESTEADING SITE (1), STRUCTURAL SITE (1),
CAMPSITES (1), FOOD PROCESSING SITE (1), PROJECTILE POINT (3), FLAKED
LITHICS (3), QUARTZITE (3), GROUND STONE (3), MOJAVE DESERT (4), MOJAVE
RIVER (4), CA-SBR-3849 (4), CA-SBR-7070 (4), CA-SBR-7071/H (4),
CA-SBR-7072H (4), USGS SILVERWOOD LAKE 7.5' QUAD (4), USGS HESPERIA 7.5'
QUAD (4), USGS APPLE VALLEY SOUTH 7.5' QUAD (4), USGS FIFTEENMILE VALLEY
7.5' QUAD (4), USGS LUCERNE VALLEY 7.5' QUAD (4), USGS COUGAR BUTTES 7.5'
QUAD (4), USGS OLD WOMAN SPRINGS 7.5' QUAD (4), USGS RATTLESNAKE CANYON
7.5' QUAD (4), USGS BIGHORN CANYON 7.5' QUAD (4), USGS LANDERS 7.5' QUAD
(4), USGS YUCCA VALLEY NORTH 7.5' QUAD (4), 92-2.16 (7)

Document No.: 1063065
GACS, UTE D.

Unpublished Report

1978 ARCHIVAL ETHNOLOGICAL INVESTIGATION IN CONJUNCTION WITH SOUTHERN
CALIFORNIA EDISON'S PROPOSED NEW PLANT AT LUCERNE VALLEY, CA. U.D.
GACS. SUBMITTED TO SCE. UNPUBLISHED REPORT ON FILE AT S.B. CO. MUSEUM,
2024 ORANGE TREE LANE, REDLANDS, CA 92374.

Last Update: 10/25/95

Cataloged by: WRO-CA-03 on 10/25/95

Keywords: ARCHIVAL STUDY (1), 0 ACRES (4), MOJAVE DESERT (4), USGS FRY
MOUNTAINS 7.5' QUAD (4), USGS IRON RIDGE 7.5' QUAD (4), PREHISTORIC (5),
SERRANO (5)

Handwritten initials and scribbles

SPRVO

2d Ind.

ASF, HQ NINTH SERVICE COMMAND, Fort Douglas, Utah, 21 August 1945 42

TO: Commanding Officer, Camp Haan, California

1. Reference is made to basic communication and inclosures thereto.
2. It is desired that you issue the necessary orders to move the 65th Ordnance Bomb Disposal Squad from your station to Victorville, California for the purpose of neutralizing the area as set forth in basic communication.
3. It is suggested that you attach enough enlisted men from your station complement to the 65th Ordnance Bomb Disposal Squad in order to accomplish this mission at the earliest practicable date.
4. It is further desired that you contact the Commanding Officer, Victorville Army Air Field for the purpose of housing and rationing this squad, plus the attached men during the period this area is being neutralized. In event there is any difficulty in arranging for housing, advise this headquarters.
5. The necessary motor vehicles for the accomplishment of this mission will be furnished by your headquarters.
6. Upon completion of this mission it is desired that a statement to the effect that the area has been neutralized be forwarded to this headquarters by indorsement hereon attention: Plans and Operations Division.

BY COMMAND OF MAJOR GENERAL SHEDD:

for H. B. Wharfield
H. B. WHARFIELD
Lt. Col., FA
Executive, Plans and
Operations Division

SPRVO 3rd Ind. GBA/ag
ASF, HEADQUARTERS CAMP HAAN, Riverside County, California 20 August 1945.

TO: Commanding General, Ninth Service Command, Fort Douglas, Utah.
Attention: SPRVO. 20 SEP 1945 9:42

1. Disposal of unexploded bombs, Victorville Army Air Field Targets has been accomplished as far as the live bombs are concerned.

2. If it is desired that the sand loaded practice bombs be removed from the targets it is requested that the Victorville personnel be used to perform the work. Victorville is a long distance from this camp and there is a shortage of personnel here.

G. B. Appelman
G. B. APPELMAN
Colonel, Infantry
Commanding

Incls. - n/c

SPRVO 4th Ind
ASF, HQ NINTH SERVICE COMMAND, Fort Douglas, Utah, 23 August 1945

TO: Division Engineers, Pacific Division, San Francisco, California

1. Your attention is invited to paragraph 1, 3rd Indorsement to basic communication, which indicates the area in question has been cleared of all live bombs.

2. This headquarters concurs in the recommendations set forth in paragraph 2, 3rd Indorsement to basic communication.

FOR THE COMMANDING GENERAL:

W. E. Allen
W. E. ALLEN,
Major, A.G.D.
Asst. Adjutant General

Incls: n/c

601-1 (Victorville Army Air Field - Bomb Targets - X-ray photos) 10/1/45

Bill

S E C R E T

Air Corps Supply

1. Received 892,000 pounds of supplies.
2. Shipped 557,531 pounds of supplies.
3. Received and issued 1,890,123 gallons of gasoline.
4. Received and issued 24,174 gallons of oil.
5. Maintained approximately 15,000 stock record cards.
6. Processed 472 debit memorandum receipts.
7. Processed 405 credit memorandum receipts.
8. Initiated 40 purchase requests.
9. Submitted 1162 requisitions.
10. Processed 4,925 vouchers to the S/R account.
11. Average number of airplanes grounded daily for parts -
November, 11; December, 16.

53

General Supply

1. Received 122,733 pounds of freight.
2. Shipped 20,048 pounds of freight.
3. Processed 929 Property Issue Slips.
4. Processed 136 property turn-in slips.
5. Issued 227 debit Memorandum Receipts.
6. Issued 188 credit Memorandum Receipts.
7. Submitted 96 requisitions for supplies.
8. Initiated 26 Purchase Requests, amounting to \$18,888.08. 54

Ordnance Supply

1. Bombs practice 100 #M38a2: Received 18,000.
2. Bombs chemical 100 #M47a2; Received 10,000.
3. Bombs concrete 100 #M85; Received 18,879. 55
4. Duds reported: .02% . 56
5. Expended 1500 Bombs practice 100 #M38A2.
6. Expended 8500 Bombs chemical 100 #M47A2. 57
7. Small Arms Ammunitions:

	<u>Received</u> ⁵⁸	<u>Expended</u> ⁵⁹
Cartridge, ball, cal.22 LR	0	13,500
Cartridge, ball, cal.45 M1911	3,500	29,710
Cartridge, ball, cal. 30 M1	2,581	4,800

53. Stock Records, Vouchers, Requisitions and Purchase Request Files, Air Corps Supply, VAAF, Victorville, Calif., 1 Nov thru 31 Dec 1944.
54. Vouchers to General Supply Stock Record Account, Requisition File, and Purchase Request File, VAAF, Victorville, Calif., 1 Nov to 31 Dec 1944.
55. Ordnance Debit Voucher File, VAAF, Victorville, Calif., 1 Nov to 31 Dec 1944.
56. Squadron Operations Forms, VAAF, Victorville, Calif., 1 Nov to 31 Dec 44.
57. Certificate of Expenditure, Bombs, Ordnance Office Credit Voucher File, VAAF, Victorville, Calif., Nov and Dec 1944.
58. Ordnance Debit Voucher File, VAAF, Victorville, Calif., Nov and Dec, 1944.
59. Property Issue Slip, Certificate of Expenditure, Ammunition, VAAF, Victorville, Calif., Nov and Dec 1944.

C O N F I D E N T I A L

Electric Light Plants; one (1) General Electric Light Plant; one (1) Radio Control Truck; two (2) Tow Target Trucks; and four (4) Moving Targets, although all of the night lighting equipment had not been installed.²³

[During the year a number of targets were equipped with lights for night bombing. Series A, consisting of five (5) targets was equipped with Kohler Light Plants and made ready for night bombing the early part of February.] Series B, consisting of three (3) targets was equipped during the latter part of February, and Series C, consisting of three (3) targets was equipped with lights during the early part of March. Series D, a four (4) target day series, was constructed with combat type targets and put into operation 10 March 1943. Series N, a three (3) target series, was constructed with record and combat type day and night targets. A part of these targets were available for use in July and the remainder were not available for use until September.²⁴ (See Appendices VIII, 21, 22, 23, 24, 25, 26, & 27).

One of the big problems encountered in maintaining the targets has been the distance which must be traveled in getting around each series. The round trip distance to Series A is one hundred twenty-five (125) miles; Series B, one hundred forty (140) miles; and Series C, one hundred fifty-three (153) miles. Much of the maintenance crew's time each day must be spent in travel.²⁵

- 23. Reminiscence, Capt. Bernard L. Magnusson, Range Officer, VAAF, 28 Jan 1944.
- 24. Reminiscence, Sgt. O. H. Carrier, Bombardier Range Dept., VAAF, 28 Jan 1944.
- 25. Reminiscence, Sgt. O. H. Carrier, Bombardier Range Dept., VAAF, 28 Jan 1944.

C O N F I D E N T I A L

The department was also active during the year in other construction projects. A radio station was installed at Lucerne Valley and was used for relaying messages from the Victorville Tower to ships on "C" and "D" series. These series had previously been out of range of the field tower. A five-mile Speed Calibration Course was built at Harpers Lake and was ready for use the early part of June 1943.²⁶

During the latter part of July, Post Engineers took over the actual maintenance of targets, including construction and repair. The Bombardier Range Department continued the maintenance of lighting equipment and cleaning of target areas.²⁷

On 15 February 1943, 1st Lt. Bernard F. Magnusson was appointed Assistant Range Officer.²⁸ He had had no previous experience in this type of work, having been an adjutant in one of the squadrons. Capt. Joseph A. Howard, was relieved as Range Officer on 2 July 1943, and Lt. Magnusson was appointed Range Officer.²⁹

The Range Office was moved to building #755-30 on 15 June 1943, where all supplies were consolidated and housed in the same building. By 31 December 1943, the Department had twenty-two (22) Standard Bullseye Targets; thirteen (13) Battleship Combat Targets (200'x800'); seven (7) Docks and Wharves Combat Targets (125' Circle), and nineteen (19) Bridge and Truck Convoy Combat Targets (50' x 100'). [All targets in Series "A",

26. Reminiscence, Capt. Bernard L. Magnusson, Range Officer, VAAF, 28 Jan 1944.

27. Reminiscence, Capt. Bernard L. Magnusson, Range Officer, VAAF, 28 Jan 1944.

28. Par 10, SO 41, Hq VAAF, Victorville, Calif., 15 Feb 1943.

29. Par 2, SO 158, Hq VAAF, Victorville, Calif., 2 Jul 1943.

C O N F I D E N T I A L

"B", "C", and "K" were equipped with electrical night lights.³⁰]

Bombardier Photo Section

The Bombardier Photo Section, which had been activated in February 1942, was organized for purpose of maintaining an accurate method of bomb spotting through photography. The problems regarding adequate housing and equipment had been satisfactorily worked out during 1942. By the end of that year, there was a total of eighty-seven (87) type A-4 cameras available for use by the department. One officer and seventeen (17) enlisted men were on duty in the department at the end of the year.³¹

1st Lt. Lloyd M. Harwood had been assigned as Officer in Charge of the Department on 30 December 1942.³² Lt. Harwood had graduated from the Photography Course at Lowry Field with Class 41-F. All of the seventeen (17) enlisted men assigned to the department had had some civilian experience in photography.³³

2nd Lt. Almer N. Brostrom was appointed Assistant Bombardier Photo Officer on 1 June 1943.³⁴ He had had eight years of commercial photographic experience and had received a direct commission at VAAF on 30 May 1943.³⁵ On 4 December 1943, Lt. Harwood was relieved from assignment this

30. Reminiscence, Capt. Bernard L. Magnusson, Range Officer, VAAF, 28 Jan 1944.
31. Reminiscence, 2nd Lt. Almer N. Brostrom, Bombardier Photo Officer, VAAF, 2 Feb 1944; and, Training and Operation Report, Bombardier Photo Office, 31 Dec 1942.
32. Par 9, SO 329, Hq VAAF, Victorville, Calif., 30 Dec 1942.
33. Reminiscence, 2nd Lt. Almer N. Brostrom, Bombardier Photo Officer, VAAF, 2 Feb 1944.
34. Par 7, SO 131, Hq VAAF, Victorville, Calif., 1 June 1943.
35. Par 20, SO 145, War Dept., 25 June 1943.

**ARMY AIR FORCES
INSTALLATIONS DIRECTORY
HEADQUARTERS, ARMY AIR FORCES, WASHINGTON D.C.**

**CONTINENTAL
UNITED STATES**

**DATE OF RELEASE
1 SEPTEMBER 1945
RESTRICTED**

F-6

SECTION I, PART 8-A A F TRAINING COMMAND INSTALLATIONS

A A F CIVIL TRAINING

COLLEGE

EASTERN TECHNICAL TRAINING COMMAND

HARVARD UNIVERSITY (STATISTICAL)

CAMBRIDGE, MASS

FACTORY

AIRFRAME

EASTERN TECHNICAL TRAINING COMMAND

WESTERN FLYING TRAINING COMMAND

QUESTISS-WRIGHT CORP (P-40)

BUFFALO, N Y

DOUGLAS AIRCRAFT CO INC (A-26)

LONG BEACH, CALIF

FORD-WILLOW M/Y (B-24)

YPSILANTI, MICH

DOUGLAS AIRCRAFT CO INC (A-20 & P-70)

SANRA MONICA, CALIF

WESTERN TECHNICAL TRAINING COMMAND

LOCKHEED AIRCRAFT CORP (P-38)

EVERETT, CALIF

BOEING AIRCRAFT CO (B-17)

SEATTLE, WASH

NORTH AMERICAN AVIATION INC (B-25)

INGLEWOOD, CALIF

CONSOLIDATED-FULTER AIRCRAFT CO

SAN DIEGO, CALIF

NORTHERN AIRCRAFT INC (P-51)

RAINTHORN, CALIF

ENGINE

ACCESSORY

EASTERN TECHNICAL TRAINING COMMAND

EASTERN TECHNICAL TRAINING COMMAND

ALLISON DIV - GMC

INDIANAPOLIS, IND

KINCHEAPOLIS-ROBERTS HULL REGULATOR CO

KINCHEAPOLIS, MISS

CHEVROLET CORP

DETROIT, MICH

(AUTOMATIC PILOT)

SPERRY GYROSCOPE CO (GYRO, INSTRUMENTS, & TURBINE)

BROOKLYN, N Y

FORD-WILLOW M/Y

YPSILANTI, MICH

FRATT-MILITARY AIRCRAFT CO

EAST HARTFORD, CONN

WEIGHT AERO CORP

PATERSON, N J

MISCELLANEOUS SCHOOLS

AAF CHEMICAL SCHOOL

SHREVEPORT, LA (JAF)
(BARKSDALE FIELD)

AAF SCHOOL OF AIR EVACUATION

RANDOLPH FIELD, TEX
(OO/AAF)

AAF COOKS AND BAKERS SCHOOL

BARKSDALE FIELD, LA (JAF)

AAF SCHOOL OF AVIATION MEDICINE

RANDOLPH FIELD, TEX
(OO/AAF)

AAF COOKS AND BAKERS SCHOOL

SHEPPARD FIELD, TEX (TC)

AAF RADAR OBSERVER SCHOOL

LANGLEY FIELD, VA (NTTC)

AAF EMERGENCY RESCUE SCHOOL

ERENLER FIELD, MISS
(VFTC)

AAF RADAR OBSERVER SCHOOL

VICTORVILLE A & FLD, CALIF
(VFTC)

AAF ENGINEER SCHOOL

DAYTON, OHIO
(WEIGHT FIELD)

AAF CENTRAL TEST PILOT SCHOOL

KELLY FIELD, TEX (AFSC)

AAF GUARD SCHOOL

SHREVEPORT, LA (JAF)
(BARKSDALE FIELD)

AAF AVIATION ENGINEER SCHOOL

ORINGER FIELD, WASH (AAF)

AAF INTELLIGENCE SCHOOL

ORLANDO, FLA (OTR)

AAF TECHNICAL SCHOOL

BOCA RATON A & FLD, FLA
(NTTC)

AAF MEDICAL SERVICE TRAINING SCHOOL

VARNER ROBINS FIELD, GA
(OO/AAF)

AAF TECHNICAL SCHOOL

LOVET FIELD, COLO (VFTC)

AAF OFFICER CANDIDATE SCHOOL

MAXWELL FIELD, ALA (NTTC)

AAF RADAR OBSERVER SCHOOL

WILLIAMS FIELD, ARIZ (VFTC)

AAF METEOROLOGICAL SCHOOL

RASTON, ILL
(CHARLES FIELD)

AAF RADAR OBSERVER SCHOOL

TOMA A & FLD, ARIZ (VFTC)

NOTES: NATIONALITY IN PARENTHESIS INDICATES TRAINEES OTHER THAN THOSE OF THE UNITED STATES.



RESTRICTED

SECTION IV A A F BOMBING AND GUNNERY RANGES

NAME AND LOCATION OF PARENT FIELD AND TYPE OF RANGE	DIST & DIRECTION FROM PARENT FIELD	REAL ESTATE CODE	AREA (ACRES)	JURISDICTION		TARGETS							RUNWAYS		REMARKS		
				COMMAND	CONTROL (JOINT USE)	DAY PRECISION	NIGHT PRECISION	TARGET GROUP	TRIP	DEMOLITION	OTHER	GROUPS OF SPOTTING TOWERS	ELEVATION	NUMBER		LONGEST ADD. 00	
SIoux CITY A A B, IOWA (CONT)				2AF													
VAREMOV (S DAK)	PBR	206 RW	6	2550	2AF	SIoux CITY A A B	1					NO	1975			"CICA HOLLOW"	
SMOXY HILL A A FLD, KANS				2AF													
POTTOWATOMIE #1, KANS	PBR	67 RW	2	2561	2AF	SMOXY HILL A A FLD	1	*				YES	1343				
WALDOWISSE #2, KANS	PBR	71 RW	2	5120	2AF	SMOXY HILL A A FLD	1	*				YES	1355				
OSAGE #3, KANS	PBR	91 RW	6	3032	2AF	SMOXY HILL A A FLD	1	*				YES	1192				
Kanapolis #2, Kane	PBR				2AF	Great Bend A A Fld (Smoky Hill A A Fld)											
Smoky Hill, Kane	A-A GR				2AF	Walker A A Fld (Great Bend A A Fld) (Smoky Hill A A Fld) (McCook A A Fld)											
CAMP PHILLIPS, KANS	A-G GR		1	31,700	2AF	SMOXY HILL A A FLD						NO				INCLUDING WATER SYSTEM OF CAMP PHILLIPS	
Minneapolis #3, Kane	PBR				2AF	Great Bend A A Fld (Smoky Hill A A Fld)											
STROTHER FIELD, KANS					2AF												TEMPORARILY INACTIVE
GREAT SALT PLAINS (OKLA)	B & GR	66 RW	110	31177	2AF	(CPTC STROTHER FIELD (WILL ROGERS FIELD) Ardmore A A Fld (Alexandria A A Fld) (Delverton A A Fld) (Strother Field)						NO	NO	1205	2	45	10 STRAFING & 20 AERIAL TARGETS
Gulf (La)	A-A GR				2AF												LOCATED IN GULF OF MEXICO
SUFFOLK COUNTY A A FLD, NY					1AF												
SUFFOLK COUNTY, N. Y	B & GR	1 W	6	9241	1AF	SUFFOLK COUNTY A A FLD	32	1			12	YES	60				LOCATED BY SUFFOLK COUNTY A A FLD
SUFFOLK COUNTY, E. N. Y	A-A GR	5 SE		409600	1AF	SUFFOLK COUNTY A A FLD											OVERWATER
T																	
THOMASVILLE A A FLD, GA					3AF												
THOMASVILLE, GA	PBR	26 RW	2	6909	3AF	THOMASVILLE A A FLD	1			12	NO	NO	200				3 STRAFING TARGETS
TONOPAH A A FLD, NEV					3AF												
TONOPAH, NEV	B & GR	12 S	1	10,240	3AF	TONOPAH A A FLD	9	6	1	1	1	YES	5000	10	50		3 A-G TARGETS
TONOPAH, #7, NEV	PBR	7 S			3AF	TONOPAH A A FLD	1					NO	5475				
TYNDALL FIELD, FLA					3FTC												
TYNDALL, FLA	A-A GR	70 S		600000	3FTC	TYNDALL FIELD (TYNDALL FIELD (MARIAHNA A A FLD)											OVERWATER
ST GEORGES ISLAND, FLA	B & GR		2	6552	3FTC												
APALACHEICOLA, FLA	A-G GR	11 RW	2	1640	3FTC	TYNDALL FIELD						NO					6
V																	
VAN NUYS METRO APT, CALIF					3AF												
Muroc, Calif	B & GR				3AF	Muroc A A Fld (Ontario A A Fld) (Van Nuys Metro Apt)											
VICTORVILLE A A FLD, CALIF					3FTC												
VICTORVILLE #2, CALIF	PBR	13 RW	1,10	640	3FTC	VICTORVILLE A A FLD	1	*				NO	3940				
VICTORVILLE #3, CALIF	PBR	16 RW	4,10	640	3FTC	VICTORVILLE A A FLD	1	*	1			NO	3210				
VICTORVILLE #4, CALIF	PBR	17 RW	1	640	3FTC	VICTORVILLE A A FLD	1	*	1			NO	3080				
VICTORVILLE #5, CALIF	PBR	22 RW	10	640	3FTC	VICTORVILLE A A FLD	1	*	1			NO	3265				

NOTES: PBR - PRECISION BOMBING RANGE A-G GR - AIR TO GROUND GUNNERY RANGE * - NIGHT LIGHTING FACILITIES ON DAY TARGETS
 A-A GR - AIR TO AIR GUNNERY RANGE B & GR - BOMBING AND GUNNERY RANGE

RESTRICTED

5-5679, AF

F-6

A. ORGANIZATIONAL STATUS

Constituted

Air Corps Advanced Flying School, Victorville, California, 26 June 1941. WD Ltr. AG 580 (6-19-41) MR-M, dated 23 June 1941.

Activated

At Victorville, California, on 1 October 1941. GO 1, Hq., Air Corps Advanced Flying School, Victorville, California, 1 October 1941, pursuant to WD Ltr. AG 322.2 AAF (6 Aug 41) MR-M-AF, dated 12 August 1941.

Redesignated

Victorville Army Flying School, Victorville, California, 6 February 1942. WD Ltr. AG 680.9 (1-31-42) MR-M-AAF, dated 6 February 1942.

Victorville Army Air Field, Victorville, California, 23 April 1943. GO 5, Hq., Victorville Army Air Field, Victorville, California, 23 April 1943.

Placed on Standby (Temporary Inactive) Status

On 12 October 1945. GO 113, Hq., Army Air Force Western Flying Training Command, 12 October 1945, in accordance with par. 5, WD Cir. 195, 1945, and AFTRC TWX V2904, 25 September 1945.

Redesignated

Victorville Air Force Base, Victorville, California, 23 January 1948. (No authority available.)

Placed on Minimum Operational Status

On 31 December 1948. (No authority available.)

Redesignated

George Air Force Base, Victorville, California, 2 June 1950. GO 42, Department of the Air Force, 2 June 1950.

C O N F I D E N T I A L

Contract No. W-509-Eng-2051, Auxiliary Fields No. 3 & 4.¹⁸

1. Contractor - Basich Brothers, Torrance, California.
2. Construction of 8 runways, four to each field, drainage facilities, fencing and access roads. Aux. #3 located approximately 11 miles East VAAF; Aux. #4 located approximately 15 miles East VAAF.
3. Date of commencement - 7 Feb 1942
Date of completion - 14 Jul 1942
Date of acceptance - 15 Aug 1942
4. Total extensions of 112 days due to unsuitable weather and non-delivery of essential materials.
5. Total cost - \$385,040.00.

Contract No. W-509-Eng-2196, Bombing Targets (18).¹⁹

1. Contractor - George Herz Co., San Bernardino, California.
2. Targets within radius of 5 to 75 miles from VAAF. Eighteen targets constructed--cleared and grubbed approximately 26.4 acres at each site. Shacks (pyramidal). $24\frac{1}{2}$ miles of access road to connect various targets to existing roads. Fencing.
3. Date of commencement - 11 Mar 1942
Date of completion - 1 May 1942
Date of acceptance - 1 May 1942
4. Total Cost - \$73,171.21.

18. Completion Report, Contract No. W-509-Eng-2051. (Contract No. 2051, VAAF Post Engineer Files).
19. Completion Report, Contract No. W-509-Eng-2196. (Contract No. 2196, VAAF Post Engineer Files)

- 11 -

C O N F I D E N T I A L

F-8

C O N F I D E N T I A L

Targets No. 1, 2 and 3 were completed during the week of March 22 for day bombing.¹³² On April 6, Targets No. 4 and 8 were reported available for use, and the number then available was considered adequate as of that date.¹³³ All targets were reported as completed and available for use on 20 April 1942, although low altitude bombing was carried on by use of two targets of the Muroc Bombing and Gunnery Range.¹³⁴ It was felt that targets on the Victorville range could not be used safely for low altitude (2000 feet) night bombing missions because of their close proximity to the mountains,¹³⁵ and the Muroc targets were used for this purpose until they were no longer available. On 1 June 1942, the Director of Flight Training reported that some of the Victorville targets had been used for low altitude (1000 foot) night bombing during the week with comparative safety due to clear weather and bright moonlight.¹³⁶ It was evident that supervisory personnel doubted the advisability of using the Victorville targets for low altitude night bombing. For six weeks after this type of bombing on the Victorville targets was initiated, the following statement appeared in each Weekly Activity Report

132. Letter, Office of Director of Flight Training, Bombardier Training School, AAF, Victorville, California, 30 March 1942, subject: Activity Report, March 22 to 28, 1942. TO: Director of Training.
133. Letter, Office of Director of Flight Training, Bombardier Training School, AAF, Victorville, California, 6 April 1942, subject: Activity Report, March 29 to April 4, 1942. TO: Director of Training.
134. Letter, Office of Director of Flight Training, Bombardier Training School, AAF, Victorville, California, 20 April 1942, subject: Activity Report, April 12 to 18, 1942. TO: Director of Training.
135. Letter, Office of Director of Flight Training, Bombardier Training School, AAF, Victorville, California, 27 April 1942, subject: Activity Report, April 19 to 25, 1942. TO: Director of Training.
136. Letter, Office of Director of Flight Training, Bombardier Training School, AAF, Victorville, California, 1 June 1942, subject: Activity Report, May 25 to 30, 1942.

C O N F I D E N T I A L

0102

THIS PAGE IS UNCLASSIFIED

C O N F I D E N T I A L

from the Director of Flight Training:

"... Use of Victorville Bombing Range for low altitude night bombing has been continued so far without accident. ..." ¹³⁷

By 4 July 1942 eight of the eighteen targets had been lighted with flare pots. Although dynamos were available for four targets on that date, they had not been installed. ¹³⁸ Parachute flares were also used in lighting targets for night bombing before electric lights were installed. This was accomplished by the lead plane dropping the flare for those following to use in bombing. ¹³⁹

It was reported, on 3 August 1942, that one target had been equipped with electric lights and that other targets were being equipped as rapidly as possible. ¹⁴⁰ By 5 November 1942, only five targets had been electrically lighted. ¹⁴¹ These were Targets Nos. 3, 4, 5, 7 and 8 in Series "A". ¹⁴²

137. Letter, Office of Director of Flight Training, Bombardier Training School, AAF, Victorville, California, 23 July 1942, subject: Activity Report, July 12 to 18, 1942. TO: Director of Training.
138. Letter, Statistical Section, Department of Bombardier Training, AAF, 21 July 1942, subject: Class Analysis -- Class WC 42-9. TO: Air Force Board, Egin Field, Valparaiso, Florida.
139. Reminiscence, Capt. Joseph A. Howard, VAAF, Victory Bldg, Calif., 10 Dec 1943.
140. Letter, Statistical Section, Department of Bombardier Training, AAF, Victorville, Calif., 3 August 1942, subject: Class Summary, WC 42-10. TO: Air Force Board, Egin Field, Valparaiso, Florida.
141. Letter, Statistical Section, Department of Bombardier Training, AAF, Victorville, Calif., 5 Nov 1942, subject: Bombardier Class Report for WC 42-15. TO: AAF Proving Ground, Egin Field, Fla.
142. Reminiscence, Lt. J. E. Harrison, Range Officer, VAAF, Victorville, California, 14 December 1943.

0103

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Pacific Region, Laguna Niguel Office

ADDRESS REPLY TO
COMMANDING GENERAL, ARMY AIR FORCES
WASHINGTON 25, D. C.

AFDIN-30/3

ATTENTION:

HEADQUARTERS, ARMY AIR FORCES
WASHINGTON



20 MAR 1946

SUBJECT: Withdrawal of Victorville Bombing Targets from Surplus.

TO: Chief of Engineers.

O'Neill
621742D
SPELT

1. Reference is made to 2d Indorsement from this headquarters to the Commanding General, Army Service Forces, dated 15 January 1946, wherein certain auxiliary facilities of Victorville Army Air Field, Victorville, California, were declared excess to the Army Air Forces. The records of this headquarters indicate that the facilities reported therein were declared surplus by the War Department on 23 January 1946.

2. It has now been determined that Bombing Target Sites 2, 3, 4, 5, 7, 10, 11, 12, 13, 14, 16, 17, 18, 19 and 20, reported as excess in the above referenced 2d Indorsement, will be required for use in connection with March Field, Riverside, California, and Castle Field, Merced, California, for the P-80 Jet Training Program. It is necessary to have an aerial gunnery range as near March Field as possible due to the short endurance of the P-80 aircraft. It is also desirable to have an aerial gunnery range near the home base since the P-80 is still in the development and test stage, and it is believed that the safety factor will be increased an infinite amount during firing tests. The P-80 uses far more fuel on this type of firing near the ground than at altitude, making it mandatory to establish the range within a short radius of March Field. The Victorville Range System will be used jointly by March Field and Castle Field, Merced, California.

3. It is therefore requested that the War Assets Corporation be requested to release these sites from the category of surplus for reassignment to the Army Air Forces.

FOR THE COMMANDING GENERAL:

Leo J. Erlen

LEO J. ERLER, Col., A. C.
Deputy Chief, Air Installations Division
Assistant Chief of Air Staff

19 April
1081 SPELT

F-9

MAR 21 1946

CE 602 Victorville Bombing Ranges, California-SPELT 1st Ind
(B/L ~~13~~ Apr 46)
30 Mar

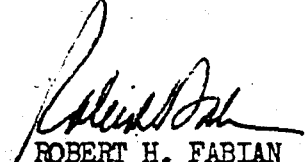
SUBJECT: Withdrawal of Bombing Target from Surplus, Victorville
Army Air Forces, California

Office, C. of E., Washington 25, D. C., 20 May 1946

TO: The Division Engineer, South Pacific Division, SAN FRANCISCO,
CALIFORNIA

Forwarded in confirmation of teletype dated 19 April 1946,
file: 1081 SPELT, advising that Bombing Target Sites 2 to 5 inclusive,
7, 10 to 14 inclusive, and 16 to 20 inclusive, located near Victorville,
California, were withdrawn from surplus and placed in an active status
under the jurisdiction of the Commanding General, Army Air Forces.

BY ORDER OF THE CHIEF OF ENGINEERS:



ROBERT H. FABIAN
Lt. Colonel, Corps of Engineers
Chief, Management & Disposal Div.
Real Estate

1 Incl

Ltr frm CG, AAF to C/E, 20 Mar 46
w/1st Ind. attached.

Handwritten notes on right margin:
60111 (Victorville AAF, Dept. Bombing (Target) etc)

VICTORVILLE PRECISION BOMBING RANGE NO. 4
VICTORVILLE, CALIFORNIA

WAA-1005

BLOCK 8 SCHEDULE E

Narrative Report

Victorville Precision Bombing Range No. 4 is located eleven (11) miles southeast of the town of Victorville, California. The area consists of 640 acres of land acquired in condemnation and Declaration of Taking in Case No. 2434 O'C Civil. The target consisted of a hexagonal shape fenced and cleared area of approximately 900 feet to each side and has 3 concentric circular rings of field-mix oil surfacing with a frame target in the center. All movable improvements including the fence have been removed by vandals. The target is located at an approximate elevation of 3000 feet above mean sea level. The terrain is fairly even with a general slope to the northwest and is semi-arid, gravelly soil. There is a 12" well without a pump, located on Tract No. 41. The well was constructed for irrigation purposes and was included in the acquisition cost of the land. Condition of the well at this time is not known. Cattle grazing is probably the highest possible use with the possibility that the area will be developed for winter home sites.

BLOCK 8 SCHEDULE E

C O P Y

HEADQUARTERS
AIR CORPS ADVANCED FLYING SCHOOL
Victorville, California GFH:KSW:gr

February 13, 1942

SUBJECT: Information Pertaining to Bombing Ranges, ACAFS, Army Air Base,
Victorville, California.

TO: Commanding General, WCACTC, Moffett Field, California.

1. Reference WC684, letter dated February 9, 1942, subject, Request for Information Pertaining to Bombing and Gunnery Ranges, West Coast Air Corps Training Center, and letter, Office Chief of the Air Corps, dated January 31, 1942, same subject, paragraph 1, a, of the latter, there are no bombing ranges in operation at this station.

2. Reference paragraph 1, b, no bombing target sites have been acquired.

3. Reference paragraph 1, c, all bombing target sites are in the process of being acquired. A plat of each site is inclosed.

- a. The range will be known as the Victorville Bombing Range.
- b. Its location and approximate size are shown on the accompanying map. It is situated east of Victorville, California, and is comprised of a strip approximately twenty (20) miles wide and sixty-five (65) miles long.
- c. The targets will be used for training aerial Bombardiers using one hundred pound (100 lb.), sand loaded, practice bombs.
- d. There are no existing facilities.
- e. Sites are being acquired for eighteen (18) targets to be located as shown on the plats. Plat number sixteen (16) will not be used. The targets will be of the type used for solid ground with wooden pyramids for centers. It is believed that both the photographic and triangulation methods of spotting will be used.
- f. Approximately ten (10) of the targets will be lighted for night bombing.
- g. The range will be used by the ACAFS, Victorville, California.

any

684

X

60093

February 13, 1942

4. Reference paragraph 1, d, the flying field at the Victorville
✓ Military Airport will be used as a base for all bombing operations on the
range. Its location is shown on the accompanying map.

5. No additional Ordnance storage facilities will be required for
range operation.

/s/ Donald B. Phillips
DONALD B. PHILLIPS
Lieut. Col., Air Corps
Commanding

3 Incls.
19-Plats
1-Map
1-List of target sites

Copy

BOMBING TARGET SITES

C O P Y

VICTORVILLE MILITARY AIRPORT
SAN BERNARDINO COUNTY

<u>No.</u>	<u>Township</u>	<u>Range</u>	<u>Section</u>
1	6N	3W	All of Section 21, S.B.B.&M.
2	5N	3W	All of Section 12. S.B.B.&M.
3	6N	2W	$S\frac{1}{2}SE\frac{1}{4}$ Sec. 28; $S\frac{1}{2}SW\frac{1}{4}$ Sec. 27; $NW\frac{1}{4}$, $N\frac{1}{2}SW\frac{1}{4}$ Sec. 34; $NE\frac{1}{4}$, $N\frac{1}{2}SE\frac{1}{4}$ Sec. 33. S.B.B.&M.
4	4N	2W	$SE\frac{1}{4}$ Sec. 6; $SW\frac{1}{4}$ Sec. 5; $NW\frac{1}{4}$ Sec. 8; $NE\frac{1}{4}$ Sec. 7. S.B.B.&M.
5	6N	1W	All of Sec. 4, S.B.B.&M.,
6	5N	1W	$E\frac{1}{2}SW\frac{1}{2}SE\frac{1}{4}$ Sec. 22; $W\frac{1}{2}SW\frac{1}{4}$ Sec. 23; $W\frac{1}{2}NW\frac{1}{4}$ Sec. 26; $E\frac{1}{2}NW\frac{1}{4}NE\frac{1}{2}$ Sec. 27. S.B.B.&M.
7	5N	1E	$SE\frac{1}{4}$ Sec. 4; $SW\frac{1}{4}$ Sec. 3; $NW\frac{1}{4}$ Sec. 10; $NE\frac{1}{4}$ Sec. 9. S.B.B.&M.
8	4N	1E	$E\frac{1}{2}$ Sec. 21; $W\frac{1}{2}$ Sec. 22. S.B.B.&M.
9	5 & 6N	2E	$E\frac{1}{2}SW\frac{1}{4}SE\frac{1}{4}$ Sec. 34; $W\frac{1}{2}SW\frac{1}{4}$ Sec. 35; $SW\frac{1}{2}NW\frac{1}{4}$ Lot 4 Sec. 2; $S\frac{1}{2}NE\frac{1}{4}SE\frac{1}{4}N$ Lots 1, 2, 3, Sec. 3, S.B.B.&M.
10	4N	2 & 3E	$SE\frac{1}{4}SE\frac{1}{4}$ Sec. 1; $S\frac{1}{2}SW\frac{1}{4}$ Sec. 6; $SW\frac{1}{4}SE\frac{1}{4}$ Sec. 6; $E\frac{1}{2}NE\frac{1}{4}NW\frac{1}{4}SE\frac{1}{4}NW\frac{1}{4}$, $N\frac{1}{2}SW\frac{1}{4}$ Sec. 7; $E\frac{1}{2}NE\frac{1}{2}NE\frac{1}{4}SE\frac{1}{2}$ Sec. 12 S.B.B.&M.
11	6N	3E	$E\frac{1}{2}$ Sec. 35; $W\frac{1}{2}$ Sec. 36. S.B.B.&M.
12	4 & 5N	4E	$S\frac{1}{2}$ Sec. 32; $N\frac{1}{2}$ Sec. 5; S.B.B.&M.
13	3N	4E	All of Section 6 S.B.B.&M.
14	6N	4 & 5 E	$SE\frac{1}{4}$ Sec. 25; $SW\frac{1}{4}$ Sec. 30; $NW\frac{1}{4}$ Sec. 31; $NE\frac{1}{4}$ Sec. 36 S.B.B.&M.
15.	4N	5 E	$S\frac{1}{2}$ Sec. 30; $N\frac{1}{2}$ Sec. 31 S.B.B.&M.)
16	5N	5 & 6 E	$S\frac{1}{2}SE\frac{1}{4}$ Sec. 12 Lot 3 & 4; $SW\frac{1}{4}$ Sec. 7; $NW\frac{1}{4}$ Sec. 18; $W\frac{1}{2}NE\frac{1}{4}$ Sec. 1 Lot 1 & 2 S.B.B.&M.
17	4N	6E	All of Sec. 29, S.B.B.&M.
18	3N	6 & 7E	$SE\frac{1}{4}$ Sec. 24; $SW\frac{1}{4}$ Sec. 19; $NW\frac{1}{4}$ Sec. 30; $NE\frac{1}{2}$ Sec. 25. S.B.B.&M.
19	2N	6E	$E\frac{1}{2}$ Sec. 27; $W\frac{1}{2}$ Sec. 26. S.B.B.&M.)

Address Reply To
 "The District Engineer,
 U. S. Engineer Office,
 751 South Figueroa Street,
 Los Angeles, Calif."

WAR DEPARTMENT

UNITED STATES ENGINEER OFFICE
 751 SOUTH FIGUEROA STREET
 LOS ANGELES, CALIF.

*File
copy*

0-3

April 4, 1942.

SUBJECT: Victorville Army Flying School, Victorville, California -
 Contract W-509-Eng.2196 - Bombing Targets - Notice of
 Completion and Release to Air Corps.

TO: The Commanding Officer,
 Victorville Army Flying School,
 Victorville, California.

1. Confirming letters, dated March 28, 31 and 30, 1942, from the Area Engineer, you are informed that Bombing Targets Nos. 4, 5, 6 and 8, constructed under the above-numbered contract have been completed and are hereby released to you for use and maintenance.

2. It is requested that formal acceptance of the above-mentioned Bombing Targets Nos. 4, 5, 6, and 8 be submitted to this office in writing.

Edwin C. Kalton,
 Colonel, Corps of Engineers,
 District Engineer.

0-3

1st Ind.

ALR:FH

Headquarters, VAFS, Army Air Base, Victorville, California, 9 April 1942.
 To: The District Engineer, U. S. Engineer Office, 751 South Figueroa Street, Los Angeles, California.

1. Hereby accepting Bombing Targets Nos. 4, 5, 6 and 8.

For the Commanding Officer:

THOMAS J. GENT, JR.
 Major, Air Force
 Executive

VICTORVILLE ARMY AIR FIELD BRIEFS

ESTABLISHMENT

- 26 June 41, established as school
- 1 Oct 41, activated by 14 enlisted men from Mather Field
- 18 Dec 41, operation began
- 24 Feb 42, training began
- 24 April 42, dedication

CONSTRUCTION

- 12 July 41, construction began
- March 42, main construction completed

CONSTRUCTION FEATURES

- Runways, 4, 6500 ft
- Taxiways, 6
- Plane anchorage, 3800 x 800 ft
- Landing field area, 738 acres
- Cubic yards excavated to build landing area, 921,164

TRAINING

- 24 Feb 42 to 25 Nov 42, Twin Engine Pilot
- 28 Feb 42 to 23 Dec 44, Bombardier
- 23 Nov 42 to 7 Apr 43, Glider Pilot
- 14 Mar 44 to 11 Oct 44, Single Engine Transition
- 18 Sept 44 to date, Radar Operators

GRADUATION

- 24 Apr 42, Class 42-D, first twin engine pilots
- 22 May 42, Class 42-7, first Bombardier

COMMANDERS

- 22 Aug 41 to 1 Oct 41, Major Wm B Offutt (projects officer)
- 1 Oct 41 to 18 Dec 41, Major Wm B Offutt
- 18 Dec 41 to 22 June 42, Lt Col Donald B Phillips
- 22 June 42 to 19 July 43, Col Roy D Butler
- 19 July 43 to date, Col Earl G Robbins

MISCELLANY

- First plane landed, 13 Nov 41 by Major Offutt
- Hospital activated by Major Henry F Reidel, 29 Dec 41
- Bombs dropped in average year, 23,655 per month or nearly 30 million lbs. per year

AIR MAIL

HEADQUARTERS
ARMY AIR FORCES WESTERN FLYING TRAINING COMMAND
1104 West Eighth Street, Santa Ana, California

AGC 13H-LG-NMB

AG S/R 686.2
(Victorville)

6 Oct45

SUBJECT:

TO: COMMANDING GENERAL, AAF Training Command, Texas and Pacific Building,
Fort Worth 2, Texas.

In compliance with Section IV, AAF Reg. 85-3, 12 May 45, The Bombing Target Sites attached to Victorville Army Air Field, Victorville, California, are declared to be of no further use to the needs of this Command. The following information is submitted in accordance with Section IV, Paragraph 11, AAF Reg. 85-3.

- a. Victorville AAF Bombing Target Sites
- b. See Schedule (Incl. #L) inclosed.
- c. See Schedule (Incl. #1) inclosed.
- d. Outline of targets was bladed on target site locations.
- e. Outline of targets in fair condition.
- f. Target Sites used for bombardier Training.
- g.
- h. None
- i. None, except those provided for in the leases, such as the 30-day notice to be submitted before termination and the restriction requiring use of the site by the Government for military purposes while under lease.
- j. Targets No. 18 and 19 were made available for use by the Fourth Air Force.
- k.

For the Commanding OFFICER:

FRED D. HALL,
Maj, AC
Acg Asst Adjutant General.

2 Incls

- Incl 1 - Schedule (trip)
2 - Dwg V-4 (trip)

Incl 6

SCHEDULE OF VICTORVILLE AAF BOMBING TARGET SITES

Target No.	Location		Distance from Home Field	Ownership			Description of Land
	Lat.	Long.		Approx.	200 Acres	Public Domain	
2	34° 32' 30"	117° 09'	12 mi. east	"	440	"	Sec 12, T5N, R3W, SBB&M
3	34° 34' 30"	117° 05'	16 mi. east	"	80	"	Portion of Sec 27, 28, 33 & 34, T6N, R2W, SBB&M
				"	560	"	
4	34° 27' 30"	117° 07' 30"	16 mi. S.E.	"	640	"	Portions of Sec 5, 6, 7 & 8, T4N, R2W, SBB&M
5	34° 38' 30"	116° 59'	21 mi. E.	"	640	"	Sec 4, T6N, R1W, SBB&M
7	34° 33'	116° 52' 30"	28 mi. E.	"	240	"	Portions of Sec 3, 4, 9 & 10, T5N, R1E, SBB&M
				"	400	"	
10	34° 27' 30"	116° 42' 30"	38 mi. E.S.E.	"	640	"	Portions of Sec 1, 6, 7, & 12, T4N, R2E, SBB&M
11	34° 34'	116° 37' 30"	42 mi. E.	"	320	"	E-1/2 Sec 35(W-1/2 Sec 36(T6N, R3E, SBB&M
				"	320	"	
							(Lease No 1 W04-193-eng-5327 (\$9.60 per annum)
12	34° 28' 30"	116° 35'	45 mi. E.	"	640	"	N-1/2 Sec 5, T4N, R4E(S-1/2 Sec 32, T5N, R4E(SBB&M
13	34° 22' 30"	116° 36'	45 mi. E.S.E.	"	640	"	Sec 6, T3N, R4E, SBB&M
14	34° 35'	116° 30'	49 mi. E.	"	640	"	Sec 30, T6N, R5E, SBB&M
17	34° 24' 30"	116° 22' 30"	57 mi. E.S.E.	"	640	"	Sec 29, T4N, R6E, SBB&M
18	34° 19' 30"	116° 18'	61 mi. E.S.E.	"	640	"	Portion of Sec 25 & 25, T3N, R6E Portion of Sec 19 & 30, T3N, R7E all in SBB&M
19	34° 13' 30"	116° 20'	63 mi. E.S.E.	"	320	"	E-1/2 Sec 27(T2N, R6E, SBB&M W-1/2 Sec 26(SBB&M
				"	320	"	
N-1	34° 59'	117° 05'	32 mi. N.E.	"	640	"	Sec 4, T10N, R2W, SBB&M
2	35° 04'	117° 09'	35 mi. E.	"	640	"	Sec 11, T11N, R2W, SBB&M
	34° 58'	117° 13'	28 mi. N.E.	"	640	"	Sec 8, T10N, R3W, SBB&M

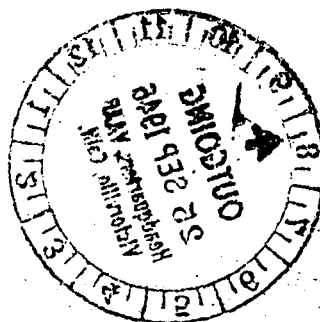
DEDUDDING REPORT ON BOMBING TARGETS FORMERLY ASSIGNED TO
VICTORVILLE ARMY AIR FIELD

1. Victorville Army Air Field
2. Victorville Bombing Targets
3.

Target No. 1 - 160 Acres	Target No. 14 - 640 Acres
Target No. 2 - 640 Acres	Target No. 15 - 640 Acres
Target No. 3 - 640 Acres	Target No. 16 - 640 Acres
Target No. 4 - 640 Acres	Target No. 17 - 640 Acres
Target No. 5 - 640 Acres	Target No. 18 - 640 Acres
Target No. 6 - 640 Acres	Target No. 19 - 640 Acres
Target No. 7 - 640 Acres	Target No. 20 - 640 Acres
Target No. 8 - 640 Acres	Target No. N-1 - 640 Acres
Target No. 9 - 640 Acres	Target No. N-2 - 640 Acres
Target No. 10 - 640 Acres	Target No. N-3 - 640 Acres
Target No. 11 - 640 Acres	Demolition Target Y - 2240 Acres
Target No. 12 - 640 Acres	Demolition Target Z - 4009 Acres
Target No. 13 - 640 Acres	
4. Terrain is flat desert land with sparse vegetation and brush.
5. Period between first March and first December would be most suitable for search and demolition crews. Temperatures of 100 and over will be normal from the middle of June to the middle of September. Rain and cold weather would hamper operations during December, January, and February.
6. Victorville, California is the only town from which the area is readily accessible. Disposal teams could be billeted at Victorville Army Air Field while clearing targets nearest to field. Field camps would be logical for the outlying targets. Distances from Victorville to the Bombing Targets range vary from 10 miles to over 100 miles by road. Reference is made to attached vicinity map.
7. One hundred pound sand filled practice bombs were used on all targets except Demolition Targets Y and Z. Five hundred pound demolition were used on Targets Y and Z.
8. (a) No information is available at this station as to which targets are now in use since all remaining targets were transferred to the Los Angeles District Engineer as surplus. It is believed that some targets were cleared by a detachment from Camp Hahn on orders from Ninth Service Command.

(b) There has been no certificate of clearance submitted to Victorville Army Air Field.
9. Major Paul Bidwell, now located at 610 North Richmond Street, Albuquerque, New Mexico, was Assistant Post Engineer and Range Officer at Victorville Army Air Field during 1944 and 1945.
10. Lt. Robert E. Myers, Air Corps, is now Post Engineer at Victorville Army Air Field.

11. A vicinity map showing Bombing Target locations outlined in red is attached hereto.
12. There are no personnel available at Victorville Army Air Field for search parties.
13. There are no vehicles available at Victorville Army Air Field for transportation of search parties.



COPY

DEPARTMENT OF THE ARMY
OFFICE OF THE CHIEF OF ENGINEERS
9200th TSU-CE, DETACHMENT #15
BOMB AND SHELL DISPOSAL TEAM

June 17, 1948

All lands within the practice bombing ranges (Satellite to Victorville Army Airfield, California) in the Lucerne Valley, designated targets #2, #4, #5, #18, have been given a careful visual inspection and have been cleared of all dangerous and/or explosive materials. To the best of my knowledge and belief these areas will not require additional dedudding to render safe for public use. (Reference Map, Victorville Army Bombing Ranges)

/s/ JESSE F. DOHOVAN
CAPT. CE
COMDG.

F-16

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
FOR
VICTORVILLE PBR #4
VICTORVILLE, CALIFORNIA
PROJECT NUMBER: JO9CA068901

APPENDIX G
REAL ESTATE DOCUMENTS

APPENDIX G

REAL ESTATE DOCUMENTS

Table of Contents

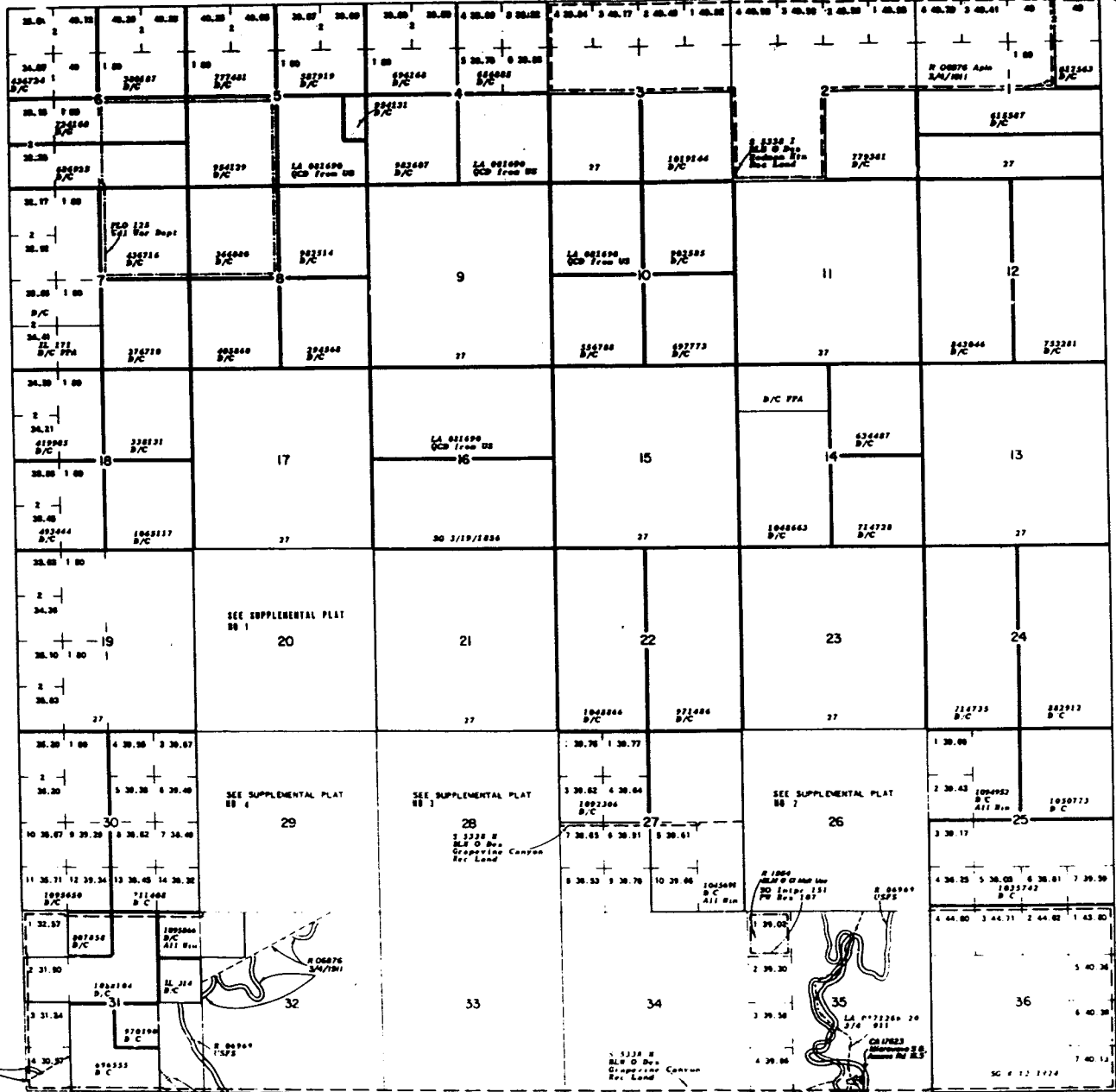
- G-1 Plat Map, Township 4 North Range 2 West of the San Bernardino Meridian, CA, 1953 (B-31).
- G-2 Base Project Map, Victorville Army Flying School Bombing Target No. 4, 1943 (B-32)
- G-3 Letter, Land Acquisition, Bombing Ranges for Victorville Army Flying School, 2 September 1942 (B-33)
- G-4 Document, Declaration of Taking, 30 April 1943 (B-34)
- G-5 Document, Transfer and Acceptance of Surplus Real Property, 22 September 1948 (B-35)
- G-6 Document, Warning Notice (ENG Form 1128), 6 February 1946 (B-36)
- G-7 Document, Warning Notice (ENG Form 1128), 13 May 1946 (B-37)
- G-8 Document, Warning Notice (ENG Form 1128), 19 January 1948 (B-38)
- G-9 List, Property Owners, 1997 (B-54)

TOWNSHIP 4 NORTH RANGE 2 WEST OF THE SAN BERNARDINO MERIDIAN, CALIFORNIA

SAN BERNARDINO COUNTY
CALIFORNIA DESERT DISTRICT SEC 15
BARSTON RA

STATUS OF PUBLIC DOMAIN
LAND AND MINERAL TITLES

MT PLAT



INDEX TO SEGREGATED TRACTS

TRACT NO	T	R	SEC	SUBDIVISION

ST Pats may be Subj to R/W for roadway & public utility

All Tr within designated California Desert Conservancy Area Act of Cong 10/21/1976

CACA 3703 BLM PX
Sec 35: All

R/R locations are Approx in congested areas

Tr within limits of RR Grant. Re Transp Act 1940, SO 4/14/1953, SO 10/11/1953

FOR ORDERS EFFECTING DISPOSAL OR USE OF UNIDENTIFIED LANDS REFER TO INDEX OF MISCELLANEOUS DOCUMENTS

CURRENT TO

CURRENT TO

5

USE PLATS BL-C 1088:

G-1

SCALE in Chains

LA 0170000 A 3 4 1911
LA 0170000 B 3 4 1911
LA 0170000 C 3 4 1911

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8/6/96



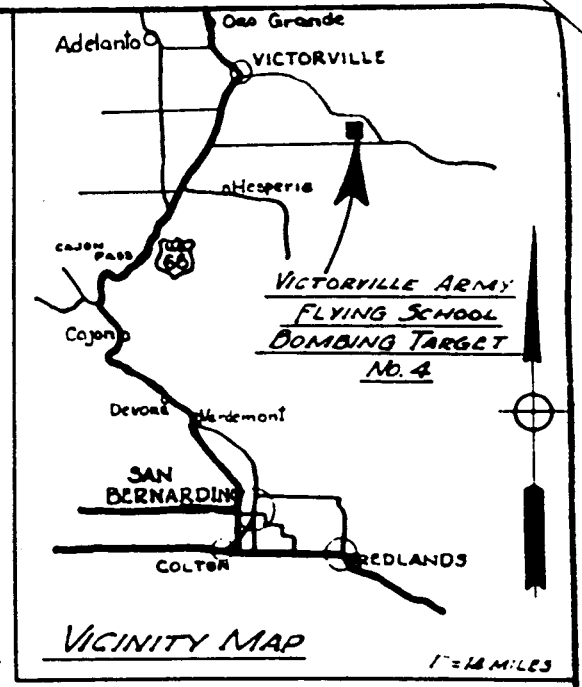
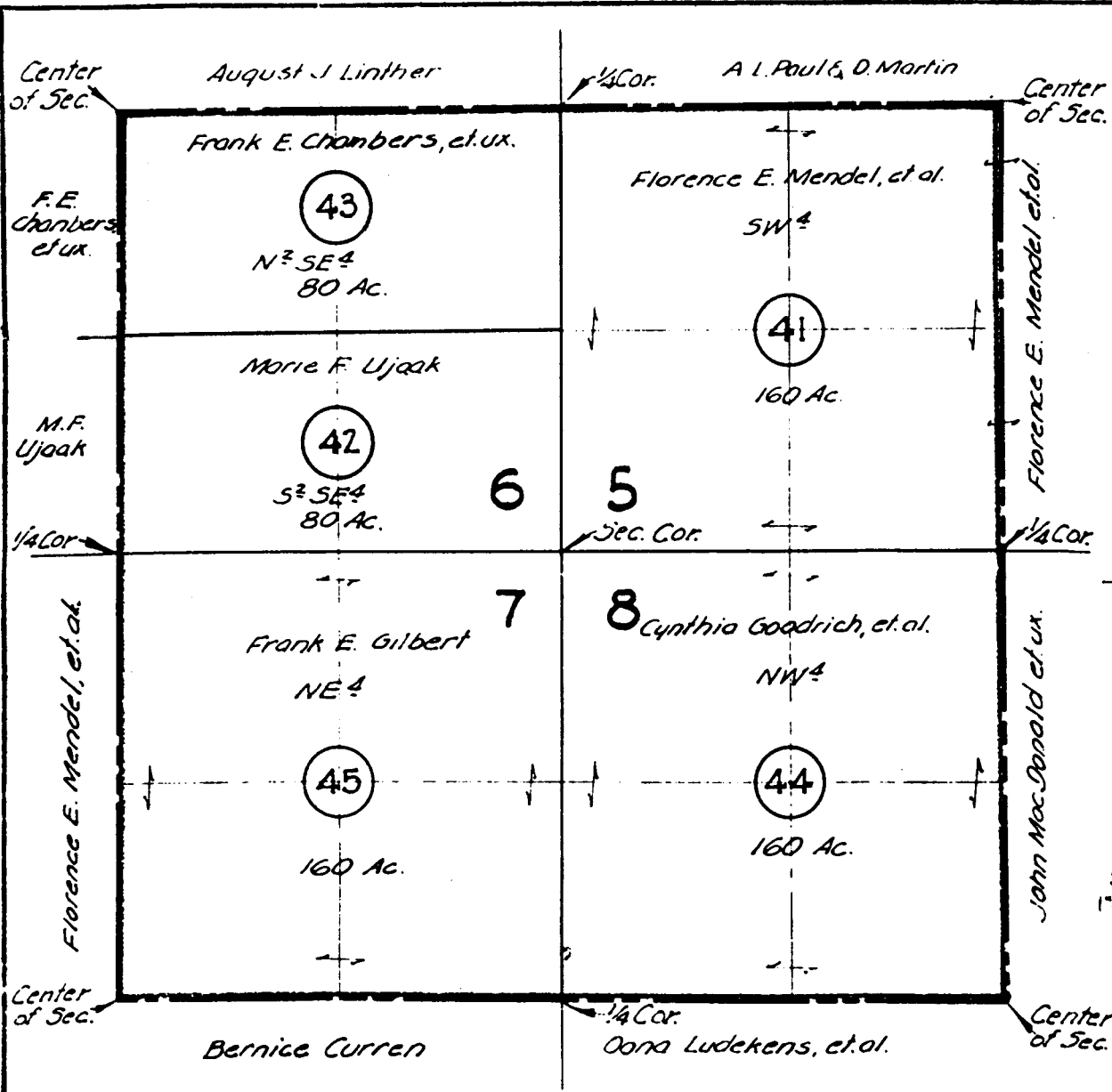


EXHIBIT "A"

VICTORVILLE PRECISION BOMBING RANGE NO. 4

~~VICTORVILLE ARMY FLYING SCHOOL BOMBING TARGET NO. 4~~

BASE PROJECT MAP

1000 2000

SCALE OF FEET

DATE: FEB 9, 1943

REAL ESTATE DIVISION OF DIVISION ENGINEER

SAN BERNARDINO

SCALE 1" = 1000'

T. 4 N. R. 2 W. S. B. B. & M.

ADDRESS REPLY TO
CHIEF OF ENGINEERS, U. S. ARMY
WASHINGTON, D. C.

WAR DEPARTMENT
OFFICE OF THE CHIEF OF ENGINEERS

WASHINGTON

REFER TO FILE NO. **CG 601.53**(Victorville Fly. School, Calif.)SPELA

September 2, 1942

SUBJECT: Land Acquisition, Bombing Ranges for Victorville Army Flying School,
Victorville, California.

TO : The Commanding General of the Services of Supply.

1. There is a military necessity for the acquisition of land indicated under subject above, and described more in detail in paragraph 2, below.

2. Description of land, and other pertinent data, are as follows:

a. BRIEF DESCRIPTION OF LAND: These Targets lie in an east and south-easterly direction from Victorville and about 42 miles north of San Bernardino and about 112 miles in a northeasterly direction from Los Angeles. The bombing sites each contain approximately 640 acres of land and can be located on the attached directive map by Range and Township.

b. PROPOSED USE: Bombing Targets.

c. ACREAGE INVOLVED: Approximately 10,720 acres.

d. ESTIMATED COST: \$13,000.

e. METHOD OF ACQUISITION: Acquisition of fee simple title by purchase or condemnation of 2840 acres and the remaining 7880 acres to be withdrawn from public domain by Executive Order and jurisdiction thereof transferred from the Department of Interior to the War Department.

f. REMARKS: It is noted that the Division Real Estate Director recommended acquisition of Sites Nos. 2 to 19 inclusive, however, Site No. 16 is omitted from the Appraisal Report and is marked out on the map. The approval of the Commanding General, Army Air Forces, covers 18 Ranges within this specified area and the elimination of Range No. 1, or substitution of another site, providing that site is within the danger area described in 5th Indorsement dated August 19, 1942. The estimated cost includes Sites Nos. 2 to 15 inclusive and Nos. 17, 18, and 19.

3. The determination of a military necessity is based upon the approval of the Commanding General, Army Air Forces, as indicated in attached 5th Indorsement, dated August 19, 1942, and upon construction directive dated February 20, 1942, which has been prepared in this office. The site has been cleared by the Interdepartmental Air Traffic Control Board.

4. Funds for this purpose are contained in Public 528, Project N-25.3, 77th Congress, approved April 29, 1942.



file 1-1-43 JW

SUBJECT: Land Acquisition, Bombing Ranges for Victorville Army Flying School,
Victorville, California.

5. It is recommended that the Under Secretary of War be informed that a military necessity exists for the above-mentioned acquisition and that he be requested to authorize this office to acquire the land necessary for this project.

For the Chief of Engineers:

Thomas M. Robins

THOMAS M. ROBINS,
Major General,
Acting Chief of Engineers.

2 Incls.

- #1 - Ltr. 4/27/42 w/5 Incls. & 1 Incl.
- #2 - Directive Map.

file
1-1-43 *sw*

SUBJECT: Land Acquisition, Banning, Laguna Niguel, California.
Victorville, California.

1st Ind.

War Department, Headquarters, Services of Supply, September 2, 1942
TO: The Under Secretary of War.

1. The Secretary of War directs that you be informed that a military necessity exists for the acquisition of the land referred to in the basic communication.

For the Commanding General:

W. D. STIER,
Major General, G. S. C.,
Chief of Staff.

*by H.R. Lutes
Chief General
Acting Chief of Staff*

2 Incls. n/c

2nd Ind.

Office of the Under Secretary of War, September 2, 1942
TO: Chief of Engineers.

For acquisition of land in accordance with Section VII,
Circular No. 47, W.D. 1942.

By direction of the Under Secretary of War:

Basil D. Edwards
BASIL D. EDWARDS,
Colonel, Infantry,
Administrative Officer.

2 Incls. n/c

file 1-1-43

RE - 0 1554

ADDRESS REPLY TO
CHIEF OF ENGINEERS, U. S. ARMY
WASHINGTON, D. C.

WAR DEPARTMENT
OFFICE OF THE CHIEF OF ENGINEERS
WASHINGTON

REFER TO FILE NO. CE 601.1 SPELL
(U.S. vs. Elmer D. Mitchell, et al)
Victorville Army Flying School Bombing Target

MAY 1 - 43 AM

April 30, 1943.



SUBJECT: DECLARATION OF TAKING.

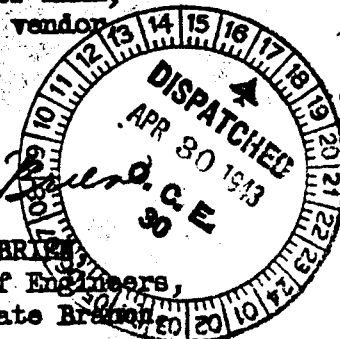
RECEIVED
WAR DEPARTMENT
GENERAL RECORDS SECTION
MAY 1 1943

TO: THE JUDGE ADVOCATE GENERAL.

Transmitted herewith for the permanent files of your office is declaration of taking, dated April 10, 1943, relating to the acquisition of 640 acres of land, more or less, being acquired from the above-named vendor.

For the Chief of Engineers:

John J. O'Brien
JOHN J. O'BRIEN
Colonel, Corps of Engineers,
Chief, Real Estate Branch



1 Incl. (Dec. of Taking)

Handwritten notes:
215 v 300
4-30-43
A.M. G #2



809

IN THE
UNITED STATES DISTRICT COURT
IN AND FOR THE SOUTHERN DISTRICT OF CALIFORNIA
CENTRAL DIVISION

UNITED STATES OF AMERICA,
Plaintiff,

vs.

3,000 ACRES OF LAND, MORE OR LESS,
SITUATE IN SAN BERNARDINO COUNTY,
STATE OF CALIFORNIA; ELMER D.
MITCHELL, et al.,
Defendants.

No. 2434 O'C Civil

DECLARATION OF TAKING

No. 2

TO THE HONORABLE,
THE UNITED STATES DISTRICT COURT:

I, HENRY L. STIMSON, Secretary of War of

the United States, do hereby declare that:

1. (a) The lands hereinafter described are taken under and in accordance with the Act of Congress approved February 26, 1931 (46 Stat. 1421, 40 U. S. C. sec. 258a), and acts supplementary thereto and amendatory thereof, and under the further authority of the Act of Congress approved August 18, 1890 (26 Stat. 316), as amended by the Acts of Congress approved July 2, 1917 (40 Stat. 241), April 11, 1918 (40 Stat. 518; 50 U. S. C. sec. 171) and March 27, 1942 (Public Law 507 - 77th Congress), which Acts authorize the acquisition of land for military or other war purposes, and the Act of Congress approved April 28, 1942 (Public Law 520 - 77th Congress), which Act appropriated funds for such purposes.

(b) The public uses for which said lands are taken are as follows: The said lands are necessary adequately to provide for bombing ranges and targets and other military uses incident thereto. The said lands have been selected by me for acquisition by the United States for use in connection with the establishment of the Victorville Army Flying School Bombing Target and for such other uses as may be authorized by Congress or by Executive Order, and are required for immediate use.

Inclusion

Reproduced from the holdings of the National Archives
Pacific Region, Laguna Niguel Office

2. A general description of the lands being taken is set forth in Schedule "A" attached hereto and made a part hereof and is a description of part of the same lands described in the petition in the above entitled cause.

3. The estate taken for said public uses is the full fee simple title thereto, subject, however, to existing easements for public roads and highways, public utilities, for railroads and for pipe lines.

4. A plan showing the lands taken is annexed hereto as Schedule "B" and made a part hereof.

5. The sum estimated by me as just compensation for said land, with all buildings and improvements thereon and all appurtenances thereto and including any and all interests hereby taken in said lands, is set forth in Schedule "A" herein, which sum I cause to be deposited herewith in the Registry of said Court for the use and benefit of the persons entitled thereto. I am of the opinion that the ultimate award for said lands will probably be within any limits prescribed by law as the price to be paid therefor.

IN WITNESS WHEREOF, the Plaintiff, by its Secretary of War, thereunto authorized, has caused this declaration to be signed in its name by said HENRY L. STIMSON, Secretary of War, this the 10th day of April, A. D. 1943, in the City of Washington, District of Columbia.

A true copy:

Stephen J. Carey
Stephen J. Carey
Captain, C. E.

HENRY L. STIMSON

Secretary of War of the
United States.

Reproduced from the holdings of the National Archives
Pacific Region, Laguna Niguel Office

SCHEDULE "A"

The land which is the subject matter of this Declaration of Taking aggregates 640 acres, more or less, situate and being in the County of San Bernardino, State of California. A description of the lands taken, together with a list of the purported owners thereof and a statement of the sum estimated to be just compensation therefor is as follows:

TRACT NO. 41

The Southwest quarter of Section 5, Township 4 North, Range 2 West, SAN BERNARDINO BASE AND MERIDIAN, in the County of San Bernardino, State of California, according to Government Survey.

Names of Purported Owners: Florence E. Mendel, widow, and Albert Mendel and Berenice Mendel, husband and wife
Address of Purported Owners: 111 West 7th Street, Los Angeles, California
Estimated Compensation: FOUR HUNDRED EIGHTY AND NO/100 DOLLARS (\$480.00).

TRACT NO. 42

The South half of the Southeast quarter of Section 6, Township 4 North, Range 2 West, SAN BERNARDINO BASE AND MERIDIAN, in the County of San Bernardino, State of California, according to Government Survey.

Name of Purported Owner: Marie F. Ujaak
Address of Purported Owner: Route 2, Box 411, Lancaster, California
Estimated Compensation: ONE HUNDRED AND NO/100 DOLLARS (\$100.00).

TRACT NO. 43

The North half of the Southeast quarter of Section 6, Township 4 North, Range 2 West, SAN BERNARDINO BASE AND MERIDIAN, in the County of San Bernardino, State of California, according to Government Survey.

Names of Purported Owners: Frank E. Chambers and Esther I. Chambers, husband and wife, as joint tenants
Address of Purported Owners: Box 166, Victorville, California
Estimated Compensation: ONE HUNDRED AND NO/100 DOLLARS (\$100.00).

Reproduced from the holdings of the National Archives
Pacific Region, Laguna Niguel Office

TRACT NO. 44

Northwest quarter of Section 8, Township 4 North, Range 2 West, SAN BERNARDINO BASE AND MERIDIAN, in the County of San Bernardino, State of California, according to Government Survey.

Names of Purported Owners: Cynthia Goodrick, 1/3 int. Frank Goodrick, 1/3 int. Mary Elizabeth Goodrick, 1/9 int. Henry P. Goodrick, Mrs. Jennie E. Grotho, Gertrude A. Goodrich, Mrs. Carol Jones and Mrs. Irma E. Mazza, 2/9 int.

Address of Purported Owners: c/o T. E. Owens, Attorney, 417 A. G. Bartlett Bldg., Los Angeles, California.

Estimated Compensation: TWO HUNDRED AND NO/100 DOLLARS (\$200.00).

TRACT NO. 45

The Northeast quarter of Section 7, Township 4 North, Range 2 West, SAN BERNARDINO BASE AND MERIDIAN, in the County of San Bernardino, State of California, as per Government Survey.

Name of Purported Owner: Frank E. Gilbert

Address of Purported Owner: 4021 South Harwood Blvd., Los Angeles, California

Estimated Compensation: TWO HUNDRED AND NO/100 DOLLARS (\$200.00).

The gross sum estimated to be just compensation for the lands hereby taken is ONE THOUSAND EIGHTY AND NO/100 DOLLARS (\$1,080.00).

Property Voucher No. _____

TRANSFER AND ACCEPTANCE
OF
SURPLUS REAL PROPERTY
(O and R 6105.02 f, revised)

Installation: **Victorville Bombing Target Site #4**
Victorville, California. So. Pac. Div. 4167

Date: **22 September 1948**

The real property declared to the War Assets Administration on WAA Form 1005
dated **23 June 1948** Reporting Agency No. WD **1287**, **Victorville Bombing**
(installation)

Target Site #4 as last amended by WAA Form 1005, dated **23 June 1948**
has been assigned by the War Assets Administration for disposal as follows:

Area or Facilities

Victorville Bombing Target Site #4
Victorville, California

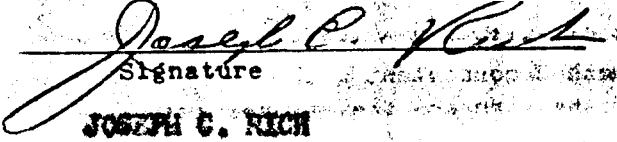
Disposal Agency

War Assets Administration
Office of Real Property Disposal
155 East Washington Boulevard
Los Angeles 18, California

X and/or X the surplus real
(Custody of) (Accountability for) (a portion of)
property assigned to War Assets Admin. for disposal are hereby transferred
(disposal agency) (disposal agency) (are) (is)
to War Assets Admin. effective September 3, 1948. The property so
(disposal agency)
transferred is briefly (described) (delineated) on attached (sheet) (map).
Detailed description is contained in schedules attached to above referenced
Form WAA 1005.

No Personal Property Involved.

Accepted by:


Signature

JOSEPH C. RICH

Name

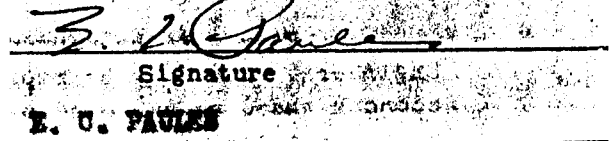
Chief, Real Property Disposal Division

Title

War Assets Administration

Organization

Transferred by:


Signature

E. U. PAULSEN

Name

Lt. Colonel, Corps of Engineers

Title

Property Officer

Organization

Los Angeles District, Corps of Engrs.
Department of the Army
751 South Figueroa Street
Los Angeles, California

G-5

ARMY SERVICE FORCES
OFFICE OF THE CHIEF OF ENGINEERS
REAL ESTATE

FORM 11-17
DATE 6 Feb 1946

WARNING NOTICE

(Continental United States)

TO: DIRECTOR OF REAL ESTATE, OFFICE OF THE CHIEF OF ENGINEERS
CHIEF, PLANNING BRANCH, ACQUISITION DIVISION, REAL ESTATE, O.C.E.
CHIEF, REALTY CONTROL BRANCH, REQUIREMENTS DIVISION, REAL ESTATE, O.C.E.
CHIEF, MANAGEMENT AND DISPOSAL DIVISION, REAL ESTATE, O.C.E.
CHIEF, MANAGEMENT BRANCH, MANAGEMENT AND DISPOSAL DIVISION, REAL ESTATE, O.C.E.
CHIEF, DISPOSAL BRANCH, MANAGEMENT AND DISPOSAL DIVISION, REAL ESTATE, O.C.E.
CHIEF, OFFICE SERVICE DIVISION, O.C.E. (Surplus Properties)
DIRECTOR OF MILITARY CONSTRUCTION, O.C.E., Attention: Mr. Lanier
CHIEF, REDISTRIBUTION & SALVAGE DIVISION, READJUSTMENT, O.C.E.,
Attention: Major Walker
CHIEF, MILITARY RESERVATION DIVISION, OFFICE OF JUDGE ADVOCATE GENERAL,
(Surplus Government Owned Properties)
DIVISION ENGINEER, PACIFIC DIVISION, Attention: REAL ESTATE OFFICER,
For Information Only

1. Notice was received on 6 February 1946 that, effective

23 January 1946, the following described property has been classified as

INACTIVE STANDBY EXCESS SURPLUS X REESTABLISHED REDISTRIBUTED

Name of Installation: Victorville A.A.F., Bombing Targets

San

Location nearest: Victorville (City) Bernardino (County) Calif. (State)

Acreeage: Total * W.D. Public Lesser
Owned Lands Interests Leased

Entire Installation X Portion of Installation

Land Only Land and Improvements X Improvements Only

Industrial Installation Command Installation X

Property Used By A.T.S.C. For Bombing Targets

2. Proposed disposition and remarks:

*Correct area to be determined. Declaration covers Bombing Targets Nos. 1, 2, 3, 4,

5, 7, 10, 11, 12, 13, 14, 16, 17, 18, 19 and 20, Demolition Target "Y" (1), and

Mirage Lake Glider School.

ARMY SERVICE FORCES
OFFICE OF THE CHIEF OF ENGINEERS
REAL ESTATE

DATE ~~WH-1517-6~~
13 May 1946

WARNING NOTICE

(Continental United States)

TO: DIRECTOR OF REAL ESTATE, OFFICE OF THE CHIEF OF ENGINEERS
CHIEF, PLANNING BRANCH, ACQUISITION DIVISION, REAL ESTATE, O.C.E.
CHIEF, REALTY CONTROL BRANCH, REQUIREMENTS DIVISION, REAL ESTATE, O.C.E.
CHIEF, MANAGEMENT AND DISPOSAL DIVISION, REAL ESTATE, O.C.E.
CHIEF, MANAGEMENT BRANCH, MANAGEMENT AND DISPOSAL DIVISION, REAL ESTATE, O.C.E.
CHIEF, DISPOSAL BRANCH, MANAGEMENT AND DISPOSAL DIVISION, REAL ESTATE, O.C.E.
CHIEF, OFFICE SERVICE DIVISION, O.C.E. (Surplus Properties)
DIRECTOR OF MILITARY CONSTRUCTION, O.C.E., Attention: Mr. Gates
CHIEF, REDISTRIBUTION & SALVAGE DIVISION, READJUSTMENT, O.C.E.,
Attention: Major Walker
CHIEF, MILITARY RESERVATION DIVISION, OFFICE OF JUDGE ADVOCATE GENERAL,
(Surplus Government-Owned Properties)
DIVISION ENGINEER, ~~REQUIREMENTS~~ DIVISION, Attention: REAL ESTATE OFFICER,
For Information Only

1. Notice was received on 17 April 1946 that, effective

15 April 1946

, the following described property has been classified as

INACTIVE _____ STANDBY _____ EXCESS _____ SURPLUS _____ REESTABLISHED REDISTRIBUTED _____

Name of Installation: Victorville Precision Bombing Range

Location nearest: Victorville (City) San Bernardino (County) California (State)

Acreage: Total 50.0 W.D. 50.0 Public Lands Lesser Interests Leased

Entire Installation Portion of Installation _____

Land Only Land and Improvements _____ Improvements Only _____

Industrial Installation _____ Command Installation

Property Used By AF For Victorville AFB, Bombing Target.

2. Proposed disposition and remarks: WH-1517, dated 2/3/46 is amended to with-

draw the above area from category of surplus and place this facility in an

active status. Subject facility comprises all or 5% of 12, of Sec. 5

5% of Sec. 5; 10% of Sec. 7; 10% of Sec. 8; 10%, 10%, S. B. R. & R.

WAR DEPARTMENT
OFFICE OF THE CHIEF OF ENGINEERS
REAL ESTATE

DATE 19 January
1948

WARNING NOTICE

(Continental United States)

TO: DIRECTOR OF REAL ESTATE, OFFICE OF THE CHIEF OF ENGINEERS
CHIEF, PLANNING BRANCH, ACQUISITION DIVISION, REAL ESTATE, O.C.E.
CHIEF, REALTY CONTROL BRANCH, REQUIREMENTS DIVISION, REAL ESTATE, O.C.E.
CHIEF, MANAGEMENT AND DISPOSAL DIVISION, REAL ESTATE, O.C.E.
CHIEF, MANAGEMENT BRANCH, MANAGEMENT AND DISPOSAL DIVISION, REAL ESTATE, O.C.E.
CHIEF, DISPOSAL BRANCH, MANAGEMENT AND DISPOSAL DIVISION, REAL ESTATE, O.C.E.
CHIEF, OFFICE SERVICE DIVISION, O.C.E. (Surplus Properties)
DIRECTOR OF MILITARY CONSTRUCTION, O.C.E., Attention: Mr. Gates
CHIEF, REDISTRIBUTION & SALVAGE DIVISION, READJUSTMENT, O.C.E.,
Attention: Major Walker
CHIEF, MILITARY RESERVATION DIVISION, OFFICE OF JUDGE ADVOCATE GENERAL,
(Surplus Government Owned Properties)
DIVISION ENGINEER, SOUTH PACIFIC DIVISION, Attention: REAL ESTATE OFFICER,
For Information Only

1. Notice was received on 15 January 1948 that, effective

12 January 1948, the following described property has been classified as

INACTIVE _____ STANDBY _____ EXCESS _____ SURPLUS X REESTABLISHED _____ REDISTRIBUTED _____

Name of Installation: Victorville Precision Bombing Range #4
San Bernardino

Location nearest: Victorville (City) _____ (County) California (State)

Acreage: Total 640.0 W.D. 640.0 Public _____ Lesser _____
Owned _____ Lands _____ Interests _____ Leased _____

Entire Installation X Portion of Installation _____

Land Only X Land and Improvements _____ Improvements Only _____

Industrial Installation _____ Command Installation X

Property Used By AAF For Auxiliary to Victorville Army Airfield.

2. Proposed disposition and remarks: _____

0435-631-01	WOLFE, ALLAN TR PO BOX 1915-SANTA MONICA CA	90406 RECREATIONAL	000	160.00A	4,109	357,000	12714790
--VACANT--		SW 1/4 SECTION 8 TP 4N R 2W 160 AC				491512 1,000,F	
0435-631-02	MURPHY, JULIET I 704 S DALE AVE-ANAHEIM CA	92804 RECREATIONAL	000	5.00A	72	4,811	NOSTRAN
--VACANT--		N 1/2 NW 1/4 NW 1/4 SE 1/4 SEC 8 TP 4N R 2W 5 AC					
0435-631-04	PORCE, LIYO F & MAGDALENA D 3108 MAGA DR-SAN JOSE CA	95111 RECREATIONAL	000	5.00A	157	12,226	1170785 290096 11,500P
--VACANT--		N 1/2 SW 1/4 NW 1/4 SE 1/4 SECTION 8 TP 4N R 2W 5					
0435-631-05	SAMPLE, CHARLES E & MOLLIE C 16637 OCOTILLA RD-APPLE VALLEY CA	92307 RECREATIONAL	000	5.00A	84	5,862	09717784 221892 4,750F
--VACANT--		N 1/2 SE 1/4 NW 1/4 SE 1/4 SECTION 8 TP 4N R 2W 5					
0435-631-12	TSURUDOME, BEN Y TR 3472 CAMINO VALENCIA-CARLSBAD CA	92009 RECREATIONAL	000	5.00A	124	9,355	04727792 177640 NOSTRAN
--VACANT--		E 1/2 NE 1/4 SW 1/4 SE 1/4 SEC 8 TP 4N R 2W 5 AC					
0435-631-13	YAMASHIRO, HASAHARU & SHIGEMI 6775 DOTI POINT DR-SAN DIEGO CA	92139 RECREATIONAL	000	5.00A	154	11,987	11720786 347870 10,500P
--VACANT--		W 1/2 NE 1/4 SW 1/4 SE 1/4 SEC 8 TP 4N R 2W 5 AC					
0435-631-14	WINCE, JEFFREY A 12590 BURWOOD AVE-VICTORVILLE CA	760-241-5898 92392 RECREATIONAL	000	5.00A	78	5,347	NOSTRAN
--VACANT--		S 1/2 SE 1/4 NW 1/4 SE 1/4 SECTION 8 TP 4N R 2W 5					
0 4 3 5 - 6 2 1 - 3 7		I 0 4		*** 104 ***			

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SAN BERNARDINO COUNTY PARCEL LIST BY PARCEL NUMBER										1998 EDITION	
PARCEL	OWNERS NAME(S) MAILING ADDRESS SITUS ADDRESS PROPERTY DESCRIPTION	PHONE ZIP PROPERTY TYPE LEGAL DESCRIPTION	TRACT	USE CODE LOT	HT/AC PARK POOL	BR BA RC ST	SG FT LOT S2 R/W ROOF	1ST TD 2ND TD TAXES FP	LAND VAL IMPR VAL ASSD VL VIEW	REC DATE DOC NO TFR VAL EX	
0435-631-15	LYNCH, GINA TR/MORRISON, NORAH M TR 26111 CAMINO LARGO-MISSION VIEJO CA	92692 RECREATIONAL		000			5.00A	136	10,436	11710793 490908 NOSTRAN	
--VACANT--		S 1/2 SW 1/4 NW 1/4 SE 1/4 SECTION 8 TP 4N R 2W 5									
0435-631-16	CALUZA, ALFREDO D JR ETAL/LADIA, SEYM 1450 TORREYANNA CIR-CORONA CA	91720 RECREATIONAL		000			5.00A	406	33,990	11703788 371556 500P	
--VACANT--		N 1/2 N 1/2 W 1/2 SW 1/4 SE 1/4 SEC 8 TP 4N R 2W (
0435-631-17	BIVINGS, ANTONIA B 4788 LARWIN AVE-CYPRESS CA	90630 RECREATIONAL		000			5.00A	320	35,700	06710796 205598 20,141	
--VACANT--		S 1/2 N 1/2 W 1/2 SW 1/4 SE 1/4 SEC 8 TP 4N R 2W (
0435-631-18	BADONG, ERNESTO D & LYDIA C 1840 ELM AVE-SAN DIEGO CA	92154 RECREATIONAL		000			5.00A	406	33,990	12709788 428223 22,500P	
--VACANT--		N 1/2 S 1/2 W 1/2 SW 1/4 SE 1/4 SEC 8 TP 4N R 2W (
0435-631-19	AHN, JIMMY C & RUTH R 2043 W BOWSPRIT LN-ANAHEIM CA	92801 RECREATIONAL		000			4.63A	406	33,990	11703788 371560 500P	
--VACANT--		PTN S 1/2 S 1/2 W 1/2 SW 1/4 SE 1/4 SEC 8 TP 4N R									
0435-631-20	LOPEZ, ANNIE C 2060 VALENTINO ST-SAN DIEGO CA	92154 RECREATIONAL		000			5.00A	322	26,600	03719792 118179 NOSTRAN	
--VACANT--		N 1/2 SE 1/4 SW 1/4 SE 1/4 SEC 8 TP 4N R 2W 5 AC									
0435-631-21	LOPEZ, ANNIE C 2060 VALENTINO ST-SAN DIEGO CA	92154 RECREATIONAL		000			68,389	109	8,076	03719792 118179 NOSTRAN	
--VACANT--		PTN S 1/2 SE 1/4 SW 1/4 SE 1/4 SEC 8 TP 4N R 2W LY									
0435-631-22	SOUTHERN, CALIFOR PO BOX 800 ATTN TAX DEPT-ROSEMEAD CA	91770 RECREATIONAL		000						NOSTRAN	
--VACANT--		MAP 148 36 149A PAR 2 EX MML RTS RESERVATION OF RE									
0435-631-23	SOUTHERN, CALIFOR PO BOX 800 ATTN TAX DEPT-ROSEMEAD CA	91770 RECREATIONAL		000						NOSTRAN	
--VACANT--		MAP 148 36 149A PAR 3 EX MML RTS RESERVATION OF RE									
0435-631-24	SOUTHERN, CALIFOR #FILE#			000						NOSTRAN	
--VACANT--		INSTITUTE/ANNUAL EXMPT MAP 148 36 149 PAR 5 EX MML RTS RESERVATION OF REC									
0435-631-25	SOUTHERN, CALIFOR PO BOX 800 ATTN TAX DEPT-ROSEMEAD CA	91770 RECREATIONAL		000						NOSTRAN	
--VACANT--		MAP 148 36 149A PAR 1 EX MML RTS RESERVATION OF RE									
0 4 3 5 - 6 3 1 - 1 5		I 0 4		*** 104 ***							

DATAQUICK
INFORMATION SYSTEMS

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THIS INFORMATION IS LEASED FROM, AND REMAINS THE PROPERTY OF, DATAQUICK.

SAN BERNARDINO COUNTY PARCEL LIST BY PARCEL NUMBER

1998 EDITION

PARCEL	OWNERS NAME(S) MAILING ADDRESS SITUS ADDRESS PROPERTY DESCRIPTION	PHONE ZIP PROPERTY TYPE LEGAL DESCRIPTION	TRACT	USE CODE YB LOT BLK	MT/AC PARK POOL	BR BA RC ST	SQ FT LOT SZ #/LN ROOF	1ST TD 2ND TD TAXES FP	LAND VAL IMPR VAL ASSD VL VIEW	REC DATE DOC NO TFR VAL EX
0435-631-26	SOUTHERN,CALIFOR #FILE* --VACANT--		000							NOSTRAN
0435-631-27	SOUTHERN,CALIFOR #FILE* --VACANT--		000							NOSTRAN
0435-631-28	BEALMONT, ERNEST B 314 E MEDA AVE+GLEN DORA CA --VACANT--	91741 RECREATIONAL S 1/2 NE 1/4 NW 1/4 SE 1/4 SEC 8 TP 4N R 2W	000				5.00A	253	20,626 20,626	04/27/95 132975 9,801
0435-631-29	ALBERTO, ESTEBAN J ETAL/ FERNANDEZ, BA 9067 CAMINO LAGO VISTA+SPRING VALLEY CA --VACANT--	91977 RECREATIONAL N 1/2 NE 1/4 NW 1/4 SE 1/4 SEC 8 TP 4N R 2W	000				5.00A	13,000 227	18,343 18,343	03/01/86 56770 11,500P
0435-631-30	SU, GEORGE & LOUISE 11981 EDDLESTON DR+NORTHRIDGE CA --VACANT--	91326 RECREATIONAL NE 1/4 SE 1/4 SEC 8 TP 4N R 2W EX E 40 FT CO RD	000				38.76A	712	60,633 60,633	01/05/90 4806 30,000P
0435-631-31	MIRANDA, DELFIN C & BEATRIZ C 30 FULTON ST+LAWUG CEBU CITY - PHILI --VACANT--	RECREATIONAL N 1/2 S 1/2 NW 1/4 NW 1/4 SE 1/4 SEC 8 TP 4N R 2W	000				2.50A	461	38,761 38,761	09/12/90 364095 500F
0435-631-32	DOUGLASS, DONALD W & JULIEY J 704 S DALE AVE+ANAHEIM CA --VACANT--	92804 RECREATIONAL S 1/2 S 1/2 NW 1/4 NW 1/4 SE 1/4 SEC 8 TP 4N R 2W	000				2.50A	87	6,152 6,152	NOSTRAN
0435-631-33	HAMILTON, CLAUDETTE ETAL/ GEHIN, MICHA 20770 HIGHWAY 18+APPLE VALLEY CA 25551 VIA SECO ST+APPLE VALLEY --SINGLE FAMILY RESIDENCE--	92307 RECREATIONAL PARCEL MAP 9740 PARCEL NO 1	S10 1989		GAR-3	1.00 4	2 4.12A 1	780 948	9,172 67,775 76,947	08/08/89 288885 NOSTRAN
0435-631-34	HAMILTON, ORANIA E ETAL/ GEHIN, MICHA 20770 HIGHWAY 18+APPLE VALLEY CA --SINGLE FAMILY RESIDENCE--	92307 RECREATIONAL PARCEL MAP 9740 PARCEL NO 2	S10 1995		GAR-2	2.50 8	2,909 4,25A 1	773	9,174 50,943 60,117	NOSTRAN
0435-631-35	HAMILTON, ORANIA E ETAL/ GEHIN, MICHA 20770 HIGHWAY 18+APPLE VALLEY CA --VACANT--	92307 RECREATIONAL PARCEL MAP 9740 PARCEL NO 3	000				4.73A	122	9,171 9,171	NOSTRAN
0435-631-36	HAMILTON, ORANIA E ETAL/ GEHIN, MICHA 20770 HIGHWAY 18+APPLE VALLEY CA 10630 MILPAS DR+APPLE VALLEY --SINGLE FAMILY RESIDENCE--	92307 RECREATIONAL PARCEL MAP 9740 PARCEL NO 4	S10 1987		BOTH 2-ATCH	3 2.00	1,598 4,45A 1	989 1	8,992 78,738 87,730	NOSTRAN H

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SAN BERNARDINO COUNTY PARCEL LIST BY PARCEL NUMBER

1998 EDITION

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0435-098-01	PIEMONTE, JULIA 1448 W FLOURNOY ST*CHICAGO IL --VACANT--	60607 RECREATIONAL		000 2			18.75A	436	13,580	NOSTRAN
0435-098-02	MORA, CRUZ R & ANN 4698 QUARTZ HILL RD*QUARTZ HILL CA --VACANT--	93536 RECREATIONAL		000			5.00A	133	4,359	NOSTRAN
0435-098-04	HEWITT, EXIE H 2422 RIO BRANCA DR*HACIENDA HEIGHTS CA --VACANT--	91745 RECREATIONAL		000 1			5.00A	138	4,811	NOSTRAN
0435-098-05	PERRY, LAURA N & MERVIN H 724 PARKBROOK ST*SPRING VALLEY CA --VACANT--	91977 RECREATIONAL		000			2.50A	152	8,908	10/01/92 407796 NOSTRAN
0435-098-06	SAKAMOTO, GLENN TR & NARA TR 44317 ANDALE AVE*LANCASTER CA --VACANT--	93535 RECREATIONAL		000			2.50A	84	2,994	06/02/93 236190 NOSTRAN
0435-098-07	PERRY, LAURA N & AIDA M 724 PARKBROOK ST*SPRING VALLEY CA --VACANT--	91977 RECREATIONAL		000			2.50A	152	8,908	10/01/92 407796 NOSTRAN
0435-098-08	PERRY, LAURA N & MERVIN H 724 PARKBROOK ST*SPRING VALLEY CA --VACANT--	91977 RECREATIONAL		000			2.50A	152	8,908	10/01/92 407796 NOSTRAN
0435-098-09	RASKIN, NORMAN S & MIRIAM 6446 GEYSER AVE*RESEDA CA --VACANT--	91335 RECREATIONAL		000 1			54,450	51	1,791	NOSTRAN
0435-098-10	WILLIFORD, YLENE A 1075 SHADOWRIDGE DR #70*VISTA CA --VACANT--	92083 RECREATIONAL		000 1			3.75A	190	9,355	07/31/90 302495 NOSTRAN
0435-098-13	RAINONE, JOSEPH J 20391 SHOSHONEE RD*APPLE VALLEY CA --VACANT--	92307 RECREATIONAL		000			10.00A	503	30,940	03/28/89 109383 30,000F
0435-098-14	PURCIO, THOMAS F & PATRICIA A 15456 LITTLE BEAVER ST #36*VICTORVILLE CA --VACANT--	92392 RECREATIONAL		000			8.68A	326	15,000	01/13/89 13922 23,000F

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0435-098-15	SALONY, ROBERT N 29710 CADENA DR*ROMOLAND CA --VACANT--	92585 RECREATIONAL		000			10.00A	448	26,091	09/29/93 417710 43,910
0435-098-16	PARKER, JAMES R & HELEN A 1602 MOUNTAIN VIEW AVE*OCEANSIDE CA --VACANT--	92054 RECREATIONAL		000			20.00A	387	9,279	NOSTRAN
0435-098-18	RAINONE, JOSEPH J 20391 SHOSHONEE RD*APPLE VALLEY CA --VACANT--	92307 RECREATIONAL		000			10.00A	486	29,381	08/28/87 298317 NOSTRAN
0435-098-19	LEE, CHARLES C TR & LUELLA W TR 14285 AMARGOSA RD #100*VICTORVILLE CA --VACANT--	92392 RECREATIONAL		000			10.00A	266	10,200	11/01/95 377800 10,000
0435-098-20	HAMILTON, DON C & RUTH M 9312 DEEP CREEK RD*APPLE VALLEY CA --VACANT--	92308 RECREATIONAL		000			10.00A	385	20,626	05/24/95 181594 NOSTRAN
0435-098-21	BYUN, STANLEY S & TANYA K 540 W DAVIS BLVD*TAMPA FL --VACANT--	33606 RECREATIONAL		000			10.00A	503	30,940	06/21/91 233288 167,000F

0435-098-22	DALOBE 2580 N ROBINHOOD PL+ORANGE CA --VACANT--	92867 RECREATIONAL NW 1/4 SW 1/4 NE 1/4 SEC 7 TP 4N R 2W 10 AC	000	10.00A	231	7,218	7,218	NOSTRAN
0435-098-23	WESTOVER, GARY J 6301 GLADE AVE #K302+WOODLAND HILLS CA --VACANT--	91367 RECREATIONAL PARCEL MAP 2053 PARCEL NO 4	000	2.50A	92	3,663	3,663	NOSTRAN
0435-098-24	ATKINSON, ROBERT W 20127 LEADWELL ST #5+CANOGA PARK CA --VACANT--	91306 RECREATIONAL PARCEL MAP 2053 PARCEL NO 3	000	2.50A	92	3,663	3,663	NOSTRAN
0435-098-25	FORD, BOBBY J & MARY A 18091 MARK CIR #92861+VILLA PARK CA --VACANT--	92861 RECREATIONAL PARCEL MAP 2053 PARCEL NO 2	000	2.50A	167	8,000	12/06/96 449528 8,000F Y	
0435-098-26	PETRA, JOHN V & NANCY H 2142 PASO RELLO DR+HOUSTON TX --VACANT--	77077 RECREATIONAL PARCEL MAP 2053 PARCEL NO 1	000	2.50A	93	3,798	3,798	NOSTRAN
0435-098-15								K 13
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0435-098-27	DENHAM, PHILIP R YR & ANABEL B YR 1546 TUTELA HEIGHTS LN+ESCONDIDO CA --VACANT--	92026 RECREATIONAL S 10 AC N 20 AC S 1/2 GOVERNMENT LOT 1 NW 1/4 SECT		000	1		10.00A	231	7,218	05/15/96 171265 NOSTRAN	
0435-098-28	YUE, DONALD C YR & KATHLEEN S YR 2055 ROBIN RD+SAN MARINO CA --VACANT--	91108 RECREATIONAL PARCEL MAP 1344 PARCEL NO 4		000			22.96A	754	41,253	03/29/94 148524 NOSTRAN	
0435-098-29	MUHAIMIN, ZAID A/PERVAIZ, MOHAMMAD I 4801 CRENSHAW BLVD+LOS ANGELES CA --VACANT--	90043 RECREATIONAL PARCEL MAP 1344 PARCEL NO 3		000			23.33A	754	41,253	09/11/90 363143 180,000F Y	
0435-098-30	SPERRY, WESLEY S PO BOX 303+NEWBERRY SPRINGS CA --VACANT--	92365 RECREATIONAL S 20 AC GOVERNMENT LOT 1 OF NW 1/4 SECTION 7 TP 4N		000	1		20.00A	754	41,253	08/20/97 299898 15,000F Y	
0435-098-31	YOO, TONY S 2692 BASIL LN+LOS ANGELES CA --VACANT--	90077 RECREATIONAL SW 1/4 SW 1/4 NE 1/4 SEC 7 TP 4N R 2W (OD PER 1-13)		000			10.00A	448	26,091	10/05/93 426575 NOSTRAN	
0435-098-32	LEONI, FRANCIS A 210 N CORDOVA ST #K+BURBANK CA --VACANT--	91503 RECREATIONAL SE 1/4 SW 1/4 NE 1/4 SECTION 7 TP 4N R 2W 10 AC M/		000			10.00A	231	7,218	NOSTRAN	
0435-098-33	SIGNATER, GUS 2540 3RD AVE+LOS ANGELES CA --VACANT--	90018 RECREATIONAL SW 1/4 SE 1/4 NE 1/4 SEC 7 TP 4N R 2W 10 AC		000			10.00A	333	16,041	NOSTRAN	
0435-098-34	DELA, CRUZ EDWIN R ETAL/DELA, CRUZ EL 8454 PATHOS CT+SAN DIEGO CA --VACANT--	92129 RECREATIONAL SE 1/4 SE 1/4 NE 1/4 SEC 7 TP 4N R 2W 10 AC M/L		000			10.00A	231	7,218	NOSTRAN	
0435-098-35	VILLENA, ELIMEO M & ELIZABETH R 4921 LINCOLN AVE+LOS ANGELES CA --VACANT--	90042 RECREATIONAL PARCEL MAP 3832 PAR NO 1		000			83.635	10,520 225	15,590	10/19/80 251615 8,000F Y	
0435-098-36	VILLENA, HUBERTO M & FLORENTE M 14211 CUCAST CT #A+SAN DIEGO CA --VACANT--	92129 RECREATIONAL PARCEL MAP 3832 PAR NO 2		000			2.18A	9,630 214	14,342	10/19/84 251613 7,000F Y	
0435-098-37	FERNANDO, AUGUSTO P & PACTA C 350 S SIENA ST+SAN DIEGO CA --VACANT--	92114 RECREATIONAL PARCEL MAP 3832 PAR NO 3		000			2.18A	8,000 211	14,062	09/01/85 216326 5,000F Y	
0435-098-27										L 13	
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0435-098-38	WILLIAMS, ISAAC E & EVELYN R 7958 TINAJA LN*SAN DIEGO CA --VACANT--	92139 RECREATIONAL PARCEL MAP 3832 PAR NO 4		000			06,684	10,000 217	14,572 14,592 Y	08/01/85 133103 7,500P
0435-098-39	AVILA, WALTER B 1119 W ORANGE GROVE AVE*BURBANK CA --VACANT--	91506 RECREATIONAL SW 1/4 NW 1/4 NW 1/4 NE 1/4 SEC 7 TP 4N R 2W		000			2.50A	76	2,273 2,273	NOSTRAN
0435-098-40	HOLINA, VICTOR L 87 LOPIKANE ST #144*WAIANAE HI --VACANT--	96792 RECREATIONAL SE 1/4 NW 1/4 NW 1/4 NE 1/4 SEC 7 TP 4N R 2W		000			2.50A	184	11,678 11,678	07/22/82 142271 5,750P
0435-098-41	GAPASIN, ARTEMIO V & LUZVIMINDA A 2157 HANFORD DR*SAN DIEGO CA --VACANT--	92111 RECREATIONAL E 1/2 N 1/2 NW 1/4 NW 1/4 NE 1/4 SEC 7 TP 4N R 2W		000			2.50A	124	6,488 6,488	04/20/82 75975 5,250P
0435-098-42	GOZALO, SALVADOR V & LILIA L 565 RANCHO LA MIRADA LN*ESCONDIDO CA --VACANT--	92025 RECREATIONAL W 1/2 N 1/2 NW 1/4 NW 1/4 NE 1/4 SEC 7 TP 4N R 2W		000			2.50A	124	6,488 6,488	04/22/82 77960 3,750P
0435-098-43	VON LUTZOW, VINCENT L & MAX R 316 E JANICE ST*LONG BEACH CA --VACANT--	90805 RECREATIONAL PARCEL MAP 8042 PARCEL NO 1		000			4.45A	529	21,625 21,625	03/28/89 109432 NOSTRAN
0435-098-44	VILLAFLORES, HELIODORO V ETAL/LAMBER 19609 SENECA RD*APPLE VALLEY CA --VACANT--	92307 RECREATIONAL PARCEL MAP 8042 PARCEL NO 2		000			4.45A	399	10,313 10,313 Y	07/27/90 296609 34,000P
0435-098-45	PARR, SON LYE 16614 CATAMARAN AVE*CERRITOS CA --VACANT--	90703 RECREATIONAL PARCEL MAP 8042 PARCEL NO 3		000			2.25A	399	10,313 10,313 Y	12/10/92 508350 39,000P
0435-098-46	PARR, SON LYE 16614 CATAMARAN AVE*CERRITOS CA --VACANT--	90703 RECREATIONAL PARCEL MAP 8042 PARCEL NO 4		000			2.25A	399	10,313 10,313 Y	12/10/92 508350 39,000P

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0435-611-02	LITVINOVICH, STELLA 125 W NORTH ST #430-NEW CASTLE PA --VACANT--	16101 RECREATIONAL PARCEL MAP 1344 PARCEL NO 1		000			16.83A	567	25,023	NOSTRAN
0435-611-03	MOYLE, JOHN G & HELEN M 3721 MARI DR-LAKE ELSHORE CA --VACANT--	92530 RECREATIONAL S 1/2 S 1/2 W 1/2 N 1/2 GOVERNMENT LOT 1 SW 1/4 SE		000			5.00A	138	4,811	NOSTRAN
0435-611-04	BANKO INVESTMENTS INC PO BOX 1057-LA MESA CA --VACANT--	91944 RECREATIONAL N 1/2 S 1/2 W 1/2 N 1/2 GOVERNMENT LOT 1 SW 1/4 SE		000			5.00A	275	16,764	NOSTRAN
0435-611-05	CONKLIN, EDWIN J ETAL & SPENCER L 21181 RANCIERIAS RD-APPLE VALLEY CA --VACANT--	760-247-8772 92307 RECREATIONAL S 1/2 S 1/2 N 1/2 W 1/2 N 1/2 GOVERNMENT LOT 1 OF		000			2.50A	84	2,994	02/13/95 43737 NOSTRAN
0435-611-06	CONKLIN, EDWIN J ETAL & SPENCER L 21181 RANCIERIAS RD-APPLE VALLEY CA --VACANT--	760-247-8772 92307 RECREATIONAL N 1/2 S 1/2 N 1/2 W 1/2 N 1/2 GOVERNMENT LOT 1 SW		000			2.50A	84	2,994	02/13/95 43729 NOSTRAN
0435-611-07	TRAVIS, FRANK B YR & MARTHA T YR 3510 RIO HONDO AVE-ROSEHEAD CA --VACANT--	91770 RECREATIONAL N 1/2 N 1/2 W 1/2 N 1/2 GOVERNMENT LOT 1 OF SW 1/4		000			5.00A	218	11,752	03/30/88 93597 6,000F
0435-611-08	GRIFFIN, VIRGIL L YR ETAL & HELEN 8192 MANDEVILLE DR-MUNTINGTON BEACH CA --VACANT--	92646 RECREATIONAL PARCEL MAP 2207 PARCEL NO 1 EX MNL RTS RESERVATION		000			5.00A	151	5,988	08/01/94 326489 NOSTRAN
0435-611-09	ST JOHN, GEORGE F III 104 NORTH ST #706-STAMFORD CT --VACANT--	6902 RECREATIONAL PARCEL MAP 2207 PARCEL NO 2 EX MNL RTS RESERVATION		000			5.00A	152	5,988	NOSTRAN
0435-611-10	SMITH, BRET & BRIAN 345 HIGHVIEW CT-SANTA CRUZ CA --VACANT--	95060 RECREATIONAL PARCEL MAP 2207 PARCEL NO 3 EX MNL RTS RESERVATION		000			5.00A	151	5,988	NOSTRAN
0435-611-11	LILLIBRIDGE, WILLIAM G 3464 WESLEY DR-LAS CRUCES NM --VACANT--	88012 RECREATIONAL PARCEL MAP 2207 PARCEL NO 4 EX MNL RTS RESERVATION		000			5.00A	151	5,988	NOSTRAN
0435-611-13	POLING, IRVING C & KAREN H 12541 SE 52ND ST-BELLEVUE WA --VACANT--	98006 RECREATIONAL NW 1/4 SW 1/4 NW 1/4 SE 1/4 SEC 7 TP 4N R 2W 2.5 A		000			2.50A	84	2,994	NOSTRAN
0435-611-02		B O 4								*** 804 ***

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0435-611-14	ERICKSON, LAWRENCE F 1505 CRENSHAW BLVD-TORRANCE CA --VACANT--	90501 RECREATIONAL E 1/2 N 1/2 S 1/2 NW 1/4 SE 1/4 AND E 1/2 W 1/2 N		000			7.50A	268	10,371	10/18/88 349459 9,000F
0435-611-15	LOZOYA, HORACIO & GUADALUPE 14976 COALINGA RD-VICTORVILLE CA --VACANT--	909-350-0857 92392 RECREATIONAL N 1/2 NW 1/4 NW 1/4 SE 1/4 AND S 1/2 N 1/2 NW 1/4		000			15.00A	538	22,449	09/28/84 234283 18,250F
0435-611-16	WEIBLEN, EILEEN B & MELVIN F B 37 VILLAGE LN-BURLINGTON CT --VACANT--	6013 RECREATIONAL N 1/2 NE 1/4 NW 1/4 SE 1/4 SECTION 7 TP 4N R 2W S		000			5.00A	138	4,811	NOSTRAN
0435-611-17	HUANG, FREDERICK H L & AUDRIE 11021 LIMETREE DR-SANTA ANA CA --VACANT--	92705 RECREATIONAL NE 1/4 SE 1/4 SEC 7 TP 4N R 2W 40 AC		000			40.00A	806	40,102	NOSTRAN
0435-611-18	HUANG J H J ENTERPRISES INC 11021 LIMETREE DR-SANTA ANA CA --VACANT--	92705 RECREATIONAL SE 1/4 SE 1/4 SEC 7 TP 4N R 2W 40 AC		000			40.00A	941	51,815	01/04/95 1737 NOSTRAN
0435-611-19	WHITE, RICHARD L & VALERA F 10802 GAD VALLEY CIR-SANDY UT --VACANT--	84094 RECREATIONAL E 1/2 E 1/2 SW 1/4 SE 1/4 SECTION 7 TP 4N R 2W 10		000			10.00A	231	7,218	08/20/96 304881 NOSTRAN
0435-611-20	CHUCK, ROBERT K 95344 MAKULU PL-HILILANI HI --VACANT--	96789 RECREATIONAL PARCEL MAP 1343 PARCEL NO 4 EX STS		000			2.50A	84	2,994	NOSTRAN

0435-611-21	PATAZZI, JUDY 2508 E SANTA FE AVE+FULLERTON CA --VACANT--	92851 RECREATIONAL PARCEL MAP 1343 PARCEL NO 3 EX ST	000	2.50A	374	28,241	05/22/90 199374 NOSTRAN
0435-611-22	TANIS, STEVEN W 6507 S ALDER DR+TEMPE AZ --VACANT--	85283 RECREATIONAL PARCEL MAP 1343 PARCEL NO 2 EX ST	000	2.50A	84	2,994	NOSTRAN
0435-611-23	RYEN, RONALD B JR & SIRIWAN TR 12615 BRIARLEIGH LOOP #L+STANTON CA --VACANT--	90680 RECREATIONAL PARCEL MAP 1343 PARCEL NO 1 EX ST	000	2.50A	84	2,994	12/01/95 414299 NOSTRAN
0435-611-25	WESTERN, UNITED L 929 W SPRAGUE AVE+SPOKANE WA --VACANT--	99201 RECREATIONAL NE 1/4 SW 1/4 SW 1/4 SE 1/4 SECTION 7 TP 4N R 2W 2	000	2.50A	213	14,402	04/22/97 139955 NOSTRAN

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0435-611-26	HOLST, MARIE H TR 2040 FOX RIDGE DR+PASADENA CA --VACANT--	91107 RECREATIONAL		000			12.50A	22,000 445	25,856 25,856	04/22/88 117763 22,000F
0435-611-27	TYERAN, LA VERNE A & VIVIAN F 8023 IRONDALE AVE+CANOGA PARK CA --VACANT--	91506 RECREATIONAL		000			2.50A	81	2,726	NOSTRAN
0435-611-28	STORY, LUCILLE W 21785 RAMONA AVE+APPLE VALLEY CA --VACANT--	760-247-2402 92307 RECREATIONAL		000			2.50A	81	2,726	NOSTRAN
0435-611-29	CARNEY, EVELYN H 1121 SOUTHWOOD RD+GRAND RAPIDS MI --VACANT--	35744 RECREATIONAL		000			2.50A	81	2,726	07/31/93 36997 NOSTRAN
0435-611-30	HANSEN, BRUCE L & JANICE E 11128 LAKE KATHERINE CIR+CLERMONT FL --VACANT--	34711 RECREATIONAL		000			2.50A	81	2,726	NOSTRAN
0435-611-31	LEYBA, MELIZE G 19007 PINEHURST LN+APPLE VALLEY CA --VACANT--	92308 RECREATIONAL		000			10.00A	227	6,792	NOSTRAN
0435-611-32	TANNER, BARRY J & SHARON R 3913 CALLE ABRIL+SAN CLEMENTE CA --VACANT--	92673 RECREATIONAL		000			8.25A	212	5,561	NOSTRAN
0435-611-33	MILLER, DAVIS E & MARY I 1664 KATHY ST+EMERY ID --VACANT--	83617 RECREATIONAL		000			76,230	78	2,432	NOSTRAN
0435-611-34	BURCK, GLENN R & WANIDA 4628 FAWN HILL WAY+ANTIOCH CA --VACANT--	94509 RECREATIONAL		000			76,230	110	5,204	12/13/88 433704 NOSTRAN
0435-611-35	BLANK, GLENN R & WANIDA 4628 FAWN HILL WAY+ANTIOCH CA --VACANT--	94509 RECREATIONAL		000			32,670	80	4,365	12/12/88 432604 NOSTRAN
0435-611-36	NAVASCA, MANOLO R & FLORA I 7760 BACKER RD+SAN DIEGO CA --VACANT--	92126 RECREATIONAL		000			2.50A	50,000 286	20,626 20,626	07/10/91 10260 13,500P

*** D04 ***

0435-611-26 P O 4

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SAN BERNARDINO COUNTY PARCEL LIST BY PARCEL NUMBER

1998 EDITION

PARCEL	OWNERS NAME(S) MAILING ADDRESS SITUS ADDRESS PROPERTY DESCRIPTION	PHONE ZIP PROPERTY TYPE LEGAL DESCRIPTION	TRACT	USE CODE YB LOT	HT/AC PARK POOL	BR BA RC ST	SQ FT LOT SZ #UM ROOF	1ST TD 2ND TD TAXES FP	LAND VAL IMPR VAL ASSD VL VIEW	REC DATE DOC NO TFR VAL EX
0435-611-37	FARINAS, ORLANDO C 4315 W 182ND ST #315 TORRANCE CA --VACANT--	90504 RECREATIONAL NW 1/4 SW 1/4 SE 1/4 SW 1/4 SEC 7 TP 4N R 2W		000			2.50A	25,000 286	20,626 20,626 Y	02/06/90 47679 25,500P
0435-611-38	BEATY, ANNA K 5799 E RED WING RD HELENA MT --VACANT--	59602 RECREATIONAL SW 1/4 SW 1/4 SE 1/4 SW 1/4 SEC 7 TP 4N R 2W		000			2.50A	81	2,726 2,726	05/19/89 158642 NOSTRAN
0435-611-40	RISK, PEGGY L ETAL 41405 SEQUOIA ST PALMDALE CA --VACANT--	93551 RECREATIONAL S 1/2 SW 1/4 NW 1/4 SE 1/4 AND SW 1/4 SE 1/4 NW 1/4		000			7.50A	220	6,175 6,175	05/27/97 186549 NOSTRAN
0435-611-41	RISK, PEGGY L PEGGY L TR 4974 ALICANTE WAY OCEANSIDE CA --VACANT--	92056 RECREATIONAL SE 1/4 SE 1/4 NW 1/4 SE 1/4 SEC 7 TP 4N R 2W		000			2.50A	69	1,684 1,684	05/27/97 186547 NOSTRAN
0435-611-42	HOEHN, RICHARD J 558 KALEO PL KIHEI HI --VACANT--	96753 RECREATIONAL SLY 330.36 FT WLY 330 FT PARCEL NO 2 PARCEL MAP NO		000			2.50A	170	10,436 10,436 Y	02/17/94 84752 NOSTRAN
0435-611-43	TANG, SI PO & AUDREY W L TR 2966 SUNNY BROOK LN CHINO HILLS CA --VACANT--	91709 RECREATIONAL PARCEL NO 2 PARCEL MAP NO 1344 EX WLY 660 FT THERO		000			6.62A	188	9,173 9,173 Y	01/14/94 18046 NOSTRAN
0435-611-44	DALY, CHRISTOPHER B PO BOX 70521 LAS VEGAS NV --VACANT--	89170 RECREATIONAL ELY 330 FT WLY 660 FT PARCEL NO 2 PARCEL MAP NO 13		000			5.00A	136	4,681 4,681	NOSTRAN
0435-611-45	HOEHN, RICHARD J 558 KALEO PL KIHEI HI --VACANT--	96753 RECREATIONAL WLY 330.36 FT WLY 330 FT PARCEL NO 2 PARCEL MAP NO		000			2.50A	170	10,436 10,436 Y	02/17/94 84752 NOSTRAN
0435-611-46	QUINLAN, RICHARD G JR & SHERRY A 1305 FRANCISCAN AVE GRANTS NM --VACANT--	87020 RECREATIONAL SE 1/4 NW 1/4 SW 1/4 SE 1/4 SEC 7 TP 4N R 2W		000			2.50A	132	7,191 7,191	06/01/87 184001 3,500F
0435-611-47	TOVAR, LUPE E & JENNY E 2401 S SPRUCE ST SANTA ANA CA --VACANT--	92704 RECREATIONAL NE 1/4 NW 1/4 SW 1/4 SE 1/4 SEC 7 TP 4N R 2W		000			2.50A	114	5,564 5,564	NOSTRAN
0435-611-50	AHN, PETER TR & JUNE TR 12929 MOORSHIRE DR CERRITOS CA --VACANT--	90703 RECREATIONAL W 1/2 S 1/2 SW 1/4 SEC 7 TP 4N R 2W		000			34.41A	1,477	104,359 104,359 Y	04/04/96 117101 NOSTRAN

*** E04 ***

0435-611-37 E04

0435-021-08	BYERLY, JAMES N III & JUDITH I 12127 EDGEWORTH AVE-WHITTIER CA	90604 RESIDENTIAL	4044-00 11	000	4.76A	82	5,720	04/07/83 73777 250
--VACANT--								
0435-017-47 P 1 0								

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PARCEL	OWNERS NAME(S) MAILING ADDRESS SITUS ADDRESS PROPERTY DESCRIPTION	PHONE ZIP PROPERTY TYPE LEGAL DESCRIPTION	TRACT	USE CODE YB LOT BLK	HT/AC PARK POOL	BR BA RC ST	SQ FT LOT SZ NUM ROOF	1ST TD 2ND TD TAXES FP	LAND VAL IMPR VAL ASSD VL VIEW	REC DATE DOC NO TFR VAL EX
0435-021-09	SIGHEN, ARTHUR W & SHERRILL 6834 N 86TH ST-SCOTTSDALE AZ	85250 RESIDENTIAL	4044-00 1	000			4.76A	82	5,720	NOSTRAN
--VACANT--										
0435-021-10	CARRAO, JOSEPH & NELLA 1301 N BENSON AVE-UPLAND CA	91786 RESIDENTIAL	4044-00 9	000			3.96A	165	12,975	11/23/82 233698 9,750F
--VACANT--										
0435-021-11	DAVI ENTERPRISES 21232 VALLEYVIEW DR-WALNUT CA	91789 RESIDENTIAL	4044-00 8	000			3.93A	312	25,784	11/21/89 440238 27,000F
--VACANT--										
0435-021-12	DEWISTON, LARRY E & JOY H PO BOX 161-VICTORVILLE CA	92393 RESIDENTIAL	4044-00 7	000			4.76A	312	25,784	04/09/91 116935 37,500F
--VACANT--										
0435-021-13	VPLASKATZIS, NICHOLAS S 11825 LAGUNA SECA RD-APPLE VALLEY CA 11825 LAGUNA SECA DR-APPLE VALLEY --MOBILE HOME OUTSIDE PARK (FEE)--	92308 RESIDENTIAL	4044-00 6	518 1980 6	BOTH GARAGE	2 2.00 4	1,248 4.75A 1 COMP SH	57,500 721	15,005 52,495 67,500 Y	09/23/96 349687 67,500F
0435-021-14	CONOLLY, PATRICIA H 34380 K ST-BARSTOW CA	92311 RESIDENTIAL	4044-00 5	000			4.75A	223	17,982	04/23/90 155765 15,000F
--VACANT--										
0435-021-15	MARTINI, CAROLYN/CARR, BILLIE C 55 SUNDANCE DR-POMONA CA	91766 RESIDENTIAL	4044-00 4	000			4.75A	312	25,784	06/27/91 241182 NOSTRAN
--VACANT--										
0435-021-16	WOULFE, CONNIE J ETAL/THOMPSON, CHARL 11126 MATILIJIA RD-APPLE VALLEY CA	92308 RESIDENTIAL	4044-00 3	000			4.73A	134	10,240	12/31/96 477660 NOSTRAN
--VACANT--										
0435-022-01	CHOW, PETER P ETAL/CHEN, FLEMING F 955 WINSTON AVE-SAN MARINO CA	91108 RESIDENTIAL	4044-00 17	000			4.20A	312	25,784	03/28/90 116783 90,000F
--VACANT--										
0435-022-02	HOFFMAN, WALTER TR ETAL/FLETCHER, DEB 35821 BEACH RD-CAPISTRANO BEACH CA	92624 RESIDENTIAL	4044-00 18	000			4.61A	239	19,439	12/28/90 509044 NOSTRAN
--VACANT--										
0435-022-03	SIGHEN, ARTHUR W & SHERRILL 6834 N 86TH ST #D-SCOTTSDALE AZ	85250 RESIDENTIAL	4044-00 31	000			4.61A	173	13,632	NOSTRAN
--VACANT--										
0435-021-09 B 1 1										

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0435-022-04	YOLANDA TRUST 9258 11TH AVE-HESPERIA CA	760-947-5464 92345 RESIDENTIAL	4044-00 32	000			4.20A	312	25,784	03/10/94 119104 NOSTRAN
--VACANT--										
0435-022-05	MORRIS, THELBERG C ETAL/COTTRELL, BUR 1058 W CHESHIRE ST-RIALTO CA	92377 RESIDENTIAL	4044-00 3	000			4.76A	231	18,710	12/30/88 458349 NOSTRAN
--VACANT--										
0435-022-06	LATTUS, WILLIAM L & HERMAN J 14840 DAKOTA RD-APPLE VALLEY CA	92307 RESIDENTIAL	4044-00 29	000			4.76A	162	12,720	12/16/83 295931 9,750
--VACANT--										

0435-022-07	LATTYUS, WILLIAM L & HERMAN J 14840 DAKOTA RD*APPLE VALLEY CA --VACANT--	92307 RESIDENTIAL TR NO 4044 APPLE VALLEY ESTATES LOT 28	4044-00 28	000					4.76A	162	12,720	12,720	12/16/83 295932 9,750
0435-022-08	FELDMANN, CRAIG YR & MARINA Y YR 11830 LAGARTIJO DR*APPLE VALLEY CA 11830 LAGARTIJO DR*APPLE VALLEY --SINGLE FAMILY RESIDENCE--	92307 RESIDENTIAL TR NO 4044 APPLE VALLEY ESTATES LOT 27	4044-00 27	510 1980	BOTH 2-ATCH Y	3 2.00 6	1,936 4.80A 1			1,161	20,626 82,506 103,132	09/25/95 330734 NOSTRAN H	
0435-022-09	GALLARDO, BALVINA A 720 E EMPORIA ST*ONTARIO CA --VACANT--	91761 RESIDENTIAL TR NO 4044 APPLE VALLEY ESTATES LOT 26	4044-00 26	000					4.76A	82	5,720	5,720	NOSTRAN
0435-022-10	CLARK, LEONARD G ETAL & STEVEN L PO BOX 1312*APPLE VALLEY CA 25250 LAS TUNAS DR*APPLE VALLEY --SINGLE FAMILY RESIDENCE--	760-247-8530 92307 RESIDENTIAL TR NO 4044 APPLE VALLEY ESTATES LOT 25	4044-00 25	510 1968	HEAT 3-ATCH	2 1.50	1,253 4.00A			425	4,598 29,185 33,783	12/08/94 482951 NOSTRAN H	
0435-022-10-7-000	CLARK, RALPH & SANDRA PO BOX 2980*APPLE VALLEY CA 25250 LAS TUNAS DR*APPLE VALLEY --MOBILE HOME OUTSIDE PARK (FEE)--	92307 RECREATIONAL 25250 LAS TUNAS RD., APPLE VALLEY, CA		518 1984	BOTH	3 2.00	1,344				33,050 33,050		NOSTRAN H
0435-022-11	SMITH, DALE A YR & SUZANNE H YR 25150 LAS TUNAS DR*APPLE VALLEY CA 25150 LAS TUNAS DR*APPLE VALLEY --SINGLE FAMILY RESIDENCE--	760-240-3064 92308 RESIDENTIAL TR NO 4044 APPLE VALLEY ESTATES LOT 24	4044-00 24	510 1971	BOTH 2-DTCH	3 3.00	2,168 4.00A			1,411	23,507 103,420 126,927	05/04/95 142818 NOSTRAN H	
0435-022-12	HASTINGS, LINDA/COOK, ANNA BELLE 11775 MANZANA DR*APPLE VALLEY CA 11775 MANZANA DR*APPLE VALLEY --SINGLE FAMILY RESIDENCE--	92307 RESIDENTIAL TR NO 4044 APPLE VALLEY ESTATES LOT 23	4044-00 23	510 1980	BOTH 2-ATCH	3 2.00	1,661 4.70A			1,055	20,634 72,185 92,819	02/15/94 81269 NOSTRAN H	
0435-022-13	CRAFT, BONNIE C 1355 PERA ST*CORONA CA --VACANT--	91720 RESIDENTIAL TR NO 4044 APPLE VALLEY ESTATES LOT 22	4044-00 22	000					4.76A	79	5,403	5,403	11/21/88 392770 NOSTRAN

0435-022-04

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0435-022-14	FAUL, FRED A JR/STALLINGS, WILLIARD L 122 S EL CAMINO REAL #37*SAN CLEMENTE CA --VACANT--	92672 RESIDENTIAL TR NO 4044 APPLE VALLEY ESTATES LOT 21	4044-00 21	000					4.76A		30,600 30,600	04/23/96 140030 NOSTRAN Y	
0435-022-15	DOWNING, JAMES H/DEBERRY, LYNDA R 2144 BROADWAY AVE*BOISE ID --VACANT--	83706 RESIDENTIAL TR NO 4044 APPLE VALLEY ESTATES LOT 20	4044-00 2	000					4.76A	134	10,240	10,240	NOSTRAN
0435-022-16	RISHING, THOMAS E 11975 HCR BOX B119*APPLE VALLEY CA 11975 MANZANA DR #B119*APPLE VALLEY --MOBILE HOME OUTSIDE PARK (FEE)--	92307 RESIDENTIAL TR NO 4044 APPLE VALLEY ESTATES LOT 19	4044-00 19	518 1984	BOTH	3 2.00	1,478 4.76A				14,420 44,102 58,522		NOSTRAN H
0435-023-01	HESS, MARLYS H YR & DENNIS P YR PO BOX 2762*APPLE VALLEY CA 12069 LAGARTIJO DR*APPLE VALLEY --SINGLE FAMILY RESIDENCE--	92307 RESIDENTIAL TR NO 4044 APPLE VALLEY ESTATES LOT 33	4044-00 33	510 1956	HEAT 2-DTCH	2 1.00	1,080 4.20A			650	25,785 20,625 46,410	12/11/95 423363 NOSTRAN Y	
0435-023-03	ORDANEZ, ANACLETO O & CRESENCIA S 2248 CRANDALL DR*SAN DIEGO CA --VACANT--	92111 RESIDENTIAL TR NO 4044 APPLE VALLEY ESTATES LOT 47	4044-00 47	000					4.61A	87	6,175	6,175	NOSTRAN
0435-023-04	HENDERSON, DENNIS & GLORIA 19585 CREST DR*APPLE VALLEY CA --VACANT--	92307 RESIDENTIAL TR NO 4044 APPLE VALLEY ESTATES LOT 48	4044-00 48	000					4.20A	312	25,784	25,784	04/13/88 106831 46,000F Y
0435-023-05	SCOTT, GEORGE H ETAL & ELIZABETH 1275 BUTTE LN*EUGENE OR --VACANT--	97401 RESIDENTIAL TR NO 4044 APPLE VALLEY ESTATES LOT 46	4044-00 46	000					4.76A	82	5,720	5,720	NOSTRAN
0435-023-07	BOYER, RONALD D 7464 LA MONDA WAY*YUCCA VALLEY CA --VACANT--	909-864-5633 92284 RESIDENTIAL TR NO 4044 APPLE VALLEY ESTATES LOT 44	4044-00 44	000					4.76A	141	10,812	10,812	03/17/83 56410 250
0435-023-08	DEGUZHAN, REYNALDO D ETAL/CALUPE, SAL 14253 BOURGEOIS WAY*SAN DIEGO CA --VACANT--	92129 RESIDENTIAL TR NO 4044 APPLE VALLEY ESTATES LOT 43	4044-00 43	000					4.76A	312	25,784	25,784	08/14/90 322557 50,000F Y
0435-023-09	HILLER, EDWARD L PO BOX 484*GARLAND UT --VACANT--	84312 RESIDENTIAL TR NO 4044 APPLE VALLEY ESTATES LOT 42	4044-00 42	000					4.76A	224	18,060	18,060	11/25/91 446999 NOSTRAN

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
FOR
VICTORVILLE PBR #4
VICTORVILLE, CALIFORNIA
PROJECT NUMBER: JO9CA068901

APPENDIX H
NEWSPAPERS/JOURNALS
(NOT USED)

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
FOR
VICTORVILLE PBR #4
VICTORVILLE, CALIFORNIA
PROJECT NUMBER: JO9CA068901

APPENDIX I

INTERVIEWS

APPENDIX I

INTERVIEWS

Table of Contents

- I-1 Conversation with Bill Myers/Bob Hall dated 1/22/98
- I-2 Conversation with Jerry Bronson dated 1/23/98
- I-3 Conversation with CPT Grimes/1SG Fortney/SFC Woods dated 1/28/98
- I-4 Conversation with MSGT Hepner/TSGT Glinka dated 1/29/98
- I-5 Conversation with Glenn Brooks dated 3/2/98
- I-6 Conversation with Owen Cooper dated 3/4/98

CONVERSATION RECORD	TIME 0930 PST	DATE 22 January 1998
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TYPE

VISIT *CONFERENCE*

TELEPHONE
 INCOMING
 OUTGOING

<i>NAME OF PERSON CONTACT WITH</i> Bill Myers Bob Hall	<i>ORGANIZATION</i> San Bernardino Sheriff's Department	<i>TELEPHONE NO.</i> (909) 387-3598
--	--	--

SUBJECT Victorville Precision Bombing Ranges

SUMMARY Messrs. Hall and Myers are special detectives assigned to the San Bernardino Sheriff's Bomb Squad. Members of the assessment team met with the detectives at the Sheriff's Department. The detectives were shown a map of the Victorville bomb targets and were asked if they had any knowledge of ordnance being discovered at these sites.

They explained that they receive over 200 calls per year regarding military munitions due to the large military presence in San Bernardino County. Most of the munitions recovered have been moved a number of times before they are notified, so there is no way of determining the original location of the ordnance.

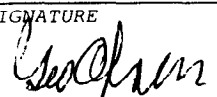
Mr. Myers stated that a 5-inch rocket had been recovered in the vicinity of bomb target 6, 7 or 8. He was unable to identify which target contained the rocket, but he recalled seeing a number of fins sticking out of the ground.

He stated that a 100-lb. practice bomb was recovered from target 14 about seven years ago.

Mr. Myers stated that he had hunted in the area surrounding target N-3, but he did not notice any ordnance in that area.

ACTION REQUIRED

ACTION TAKEN

<i>NAME OF PERSON DOCUMENTING CONVERSATION</i> George Ofslager	<i>ORGANIZATION</i> CEMVR-ED-DO	<i>TELEPHONE NUMBER</i> (309) 794-6024
<i>SIGNATURE</i> 	<i>TITLE</i> QA Spec (Ammo)	<i>DATE</i> 22 January 1998

CONVERSATION RECORD	TIME 8:00	DATE 23 Jan 98
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TYPE

VISIT CONFERENCE

TELEPHONE
INCOMING
OUTGOING

NAME OF PERSON CONTACT WITH Jerry Bronson	ORGANIZATION BLM, Barstow Field Office	TELEPHONE NO. (760) 252-6075
--	---	---------------------------------

SUBJECT Former Victorville Bombing Ranges.

SUMMARY

Mr. Bronson is the North Zone Supervisor for the Law Enforcement Rangers for the BLM, Barstow Field Office.

During discussion with Mr. Bronson, he made comments about finding ordnance items in the area close to Victorville target N-3. He also commented that the rangers have found ordnance items in the past (didn't remember exact locations) but, he commented that they never touched any of the items, they would always call the EOD unit at Fort Irwin to remove the items.

ACTION REQUIRED
NONE

ACTION TAKEN
NONE

NAME OF PERSON DOCUMENTING COVERSATION Jodi L. Bausman	ORGANIZATION CEMVR-ED-DO	TELEPHONE NUMBER (309) 794-6157
SIGNATURE <i>Jodi L. Bausman</i>	TITLE ENG. Tech.	DATE 23 Jan 98

CONVERSATION RECORD	TIME 0930	DATE Wed 28 Jan 1998
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TYPE

VISIT

CONFERENCE

TELEPHONE
 INCOMING
 OUTGOING

NAME OF PERSON CONTACT WITH CPT Grimes, 1SG Fortney SFC Woods	ORGANIZATION 759 th EOD Ft. Irwin, CA	TELEPHONE NO. (760) 380-4092
---	--	---------------------------------

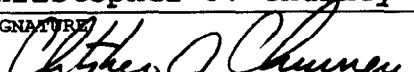
SUBJECT
Victorville Precision Bomb Targets

SUMMARY

CPT Grimes, 1SG Fortney and SFC Woods were questioned by the SI team whether they had any specific knowledge of OE presence at any of the Victorville PBRs. Neither of the 3 could recall the 759th responding to any OE incidents in the Victorville area. They had no knowledge any OE being discovered on any of the PBRs. SFC Woods referred the SI team to B.J. Allen, a former EOD in the COE San Diego Area Office, and the EODs at Edwards AFB.

ACTION REQUIRED

ACTION TAKEN

NAME OF PERSON DOCUMENTING COVERSATION Christopher J. Churney	ORGANIZATION CEMVR-ED-DO	TELEPHONE NUMBER (309) 794-6011
SIGNATURE 	TITLE Chem Engineer	DATE 28 Jan 1998

CONVERSATION RECORD	TIME 0845	DATE Thu 29 Jan 1998
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TYPE

VISIT CONFERENCE

TELEPHONE
 INCOMING
 OUTGOING

NAME OF PERSON CONTACT WITH MSGT Hepner TSGT Glinka	ORGANIZATION 95 th CEG/CED Edwards AFB, CA	TELEPHONE NO. (805) 277-2162
--	--	--

SUBJECT
Victorville Precision Bomb Targets

SUMMARY

MSGT Hepner and TSGT Glinka have been with the 95th CEG/CED for a few months and 5 ½ years respectively. Although they have responded to OE incidents at George AFB (formerly Victorville AAF), neither could recall ever responding to OE incidents at any of the Victorville PBRs. Neither had any knowledge of any OE incidents occurring at the Victorville PBRs. Both stated the EODs at Fort Irwin would normally respond to any incidents in the area of the PBRs.

ACTION REQUIRED

ACTION TAKEN

NAME OF PERSON DOCUMENTING COVERSATION Christopher J. Churney	ORGANIZATION CEMVR-ED-DO	TELEPHONE NUMBER (309) 794-6011
SIGNATURE <i>Christopher J. Churney</i>	TITLE Chem Engineer	DATE 29 Jan 1998

CONVERSATION RECORD	TIME 11:00 AM	DATE 2 March 1998
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TYPE		
<input type="checkbox"/> VISIT	<input type="checkbox"/> CONFERENCE	<input type="checkbox"/> TELEPHONE
		<input type="checkbox"/> INCOMING
		<input checked="" type="checkbox"/> OUTGOING
NAME OF PERSON CONTACTED Glenn Brooks	ORGANIZATION Former Airman	TELEPHONE NO. (405) 732-8877

SUBJECT Victorville PBRs

SUMMARY:

Mr. Brooks said that he was part of the initial enlisted cadre and arrived at Victorville AAF in September of 1941. He was in the aircraft maintenance branch and remembered working on the Beechcraft AT-7 and AT-11 as well as the Lockheed P-38. He said the P-38s arrived straight from the plant in early 1942. The P-38 pilots carried both .50 caliber and 20mm machine guns, but these were fired only at the Muroc Dry Lake range near what is now Edwards AFB.

He knew specifically of 4 Victorville AAF bombing ranges that were in dry lakes. He said there were large circles around the target center to assist the bombardier cadets. Mr. Brooks said the AT-11s were used for this training, and all they ever dropped were 100 lb sand filled bombs with a small smoke charge. As a maintenance man, he used to go up on some of the training missions. He was certain there were never any HE bombs or any kinds of rockets used when he was there. He added that the 100 lb practice bombs were stored out in the open, and that small arms and spotting charges were the only items stored in one small igloo on the AAF.

Mr. Brooks left Victorville AAF as a 2LT in April of 1943 and went on to spend an additional 30 years in the Air Force.

ACTION REQUIRED
None

NAME OF PERSON DOCUMENTING CONVERSATION Ronald Plante	ORGANIZATION CEMVR-ED-DO	TELEPHONE NUMBER (309) 782-1481
SIGNATURE <i>Ronald Plante</i>	TITLE QASAS	DATE 2 March 1998

CONVERSATION RECORD	TIME 1:00 PM	DATE 4 March 1998
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TYPE

VISIT

CONFERENCE

TELEPHONE
 INCOMING
 OUTGOING

NAME OF PERSON CONTACTED Owen Cooper	ORGANIZATION Former Bombardier Cadet	TELEPHONE NO. (410) 747-5991
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SUBJECT Victorville PBRs

SUMMARY:

Mr. Cooper said that he joined the Army Air Forces as an aviation cadet but washed out of flight school and then trained as a bombardier. He was in class 43-3 at Victorville Army Air Field, graduating in March of 1943. He trained in the AT-11 and flew practice bombing missions to ranges all around the Victorville area, including some on the dry lake bed of Lake Lucerne (PBR #6). Mr. Cooper said all he ever dropped were 100 pound sand filled bombs with a spotting charge. He never saw an HE bomb at Victorville and was unaware of any other cadets dropping HE bombs. He recalled that the standard procedure was to drop one practice bomb on a target, and then follow specific compass headings to other targets to drop additional practice bombs one at a time.

After completing bombardier training, Mr. Cooper joined a B-17 crew for further training in Utah and eventually flew missions over Germany as a lead bombardier with the 91st Bomb Group.

ACTION REQUIRED None		
NAME OF PERSON DOCUMENTING CONVERSATION Ronald Plante	ORGANIZATION CEMVR-ED-DO	TELEPHONE NUMBER (309) 782-1481
SIGNATURE <i>Ronald Plante</i>	TITLE QASAS	DATE 4 March 1998

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
FOR
VICTORVILLE PBR #4
VICTORVILLE, CALIFORNIA
PROJECT NUMBER: JO9CA068901

APPENDIX J

PRESENT SITE PHOTOGRAPHS

APPENDIX J

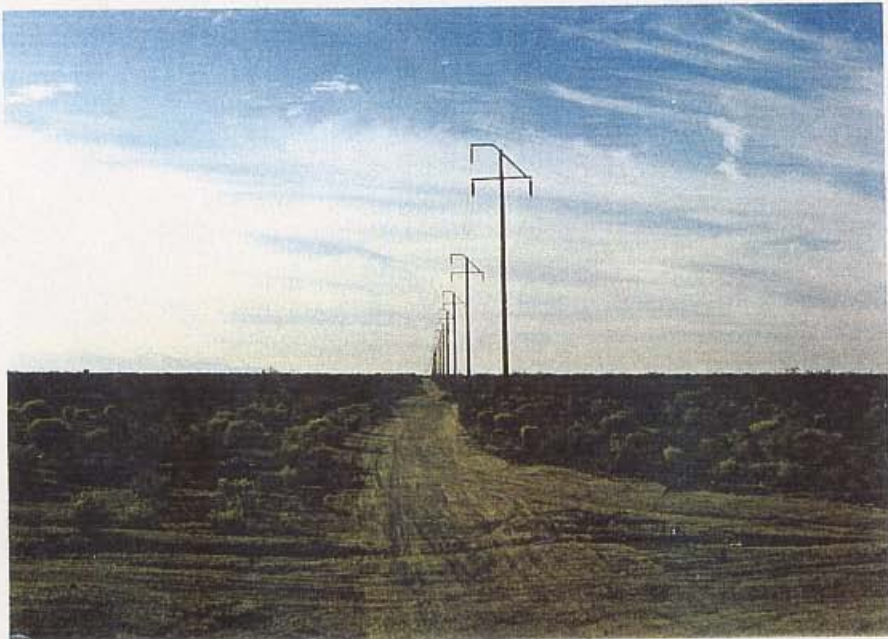
PRESENT SITE PHOTOGRAPHS

Table of Contents

- J-1** (Area A) Looking west from the center of the target area.
- J-2** (Area A) Looking east from the center of the target area.
- J-3** (Area D) Looking north toward the target center from the center of the southern boundary.
- J-4** (Area D) Looking south from the center of the eastern boundary.
- J-5** (Area A) Looking northeast from the center of the target with the target rings still visible.
- J-6** (Area B) A view looking southeast showing the typical vegetation that covers the entire site.
- J-7** (Area A) The intersection of these dirt roads made up the center of the former bomb target #4.
- J-8** (Area A) A closeup of one of the former target rings is still readily visible.
- J-9** (Area A) The curvature of a target ring is still easily seen on site.
- J-10** (Area A) Various pieces of fragments from practice bombs are found throughout the target area.
- J-11** (Area B) The remains of a M38A2 100-lb. practice bomb.
- J-12** (Area A) A piece of the tail fin assembly from a M38A2 100-lb. practice bomb. Note the blue coloration still evident on the fin.
- J-13** (Area A) The possible remains of concrete from a M85 100-lb. practice bomb.
- J-14** (Area C) Looking west from the center of the southern boundary of the buffer zone. Note that there is somewhat less vegetation along the former buffer zone boundary.

J-15 (Area C) Looking northwest along the southern buffer zone boundary.

J-16 (Area B) The remains of a well on site that has obviously been used for target practice.



J-1 (Area A) Looking west from the center of the target area.



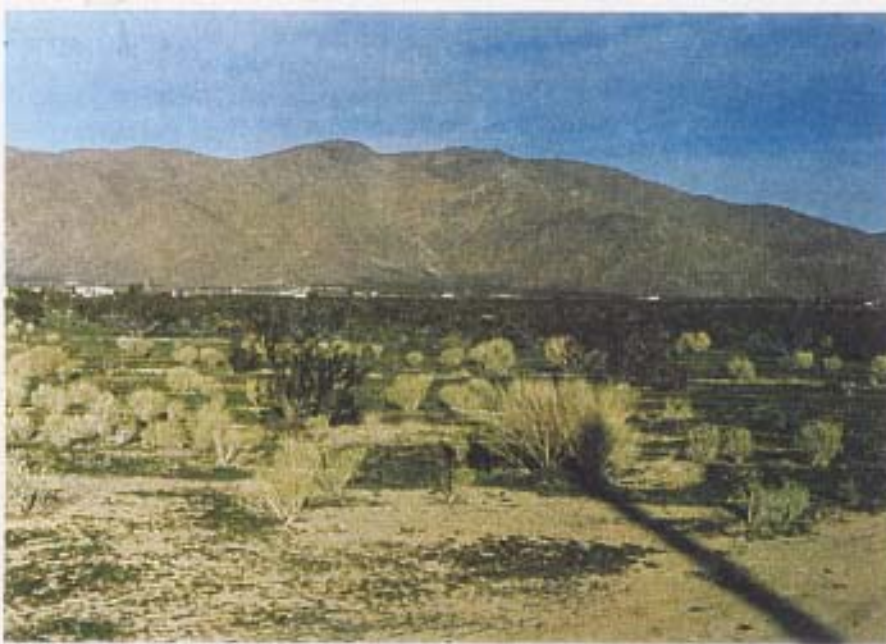
J-2 (Area A) Looking east from the center of the target area.



J-3 (Area D) Looking north toward the target center from the center of the southern boundary.



J-4 (Area D) Looking south from the center of the eastern boundary.



J-5 (Area A) Looking northeast from the center of the target with the target rings still visible.



J-6 (Area B) A view looking southeast showing the typical vegetation that covers the entire site.



J-7 (Area A) The intersection of these dirt roads made up the center of the former bomb target #4.



J-8 (Area A) A closeup of one of the former target rings is still readily visible.



J-9 (Area A) The curvature of a target ring is still easily seen on site.



J-10 (Area A) Various pieces of fragments from practice bombs are found throughout the target area.



J-11 (Area B) The remains of a M38A2 100-lb. practice bomb.



J-12 (Area A) A piece of the tail fin assembly from a M38A2 100-lb. practice bomb. Note the blue coloration still evident on the fin.



J-13 (Area A) The possible remains of a concrete practice bomb.



J-14 (Area C) Looking west from the center of the southern boundary of the buffer zone. Note that there is somewhat less vegetation along the former buffer zone boundary.



J-15 (Area C) Looking northwest along the southern buffer zone boundary.



J-16 (Area B) The remains of a well on site that has obviously been used for target practice.

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
FOR
VICTORVILLE PBR #4
VICTORVILLE, CALIFORNIA
PROJECT NUMBER: JO9CA068901

APPENDIX K

HISTORICAL PHOTOGRAPHS

APPENDIX K
HISTORICAL PHOTOGRAPHS

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- K-1 Aerial Photo, Victorville PBR #4 - 1990 (B-39)
- K-2 Bombing Target No. 4 (B-40)
- K-3 Aerial Photo, Victorville Bombing Targets - Series A (B-41)



AERIAL VIEW OF PROJECT AREA – 30 AUGUST 1990

VICTORVILLE ARMY FLYING SCHOOL, BOMBING TARGET NO. 4.



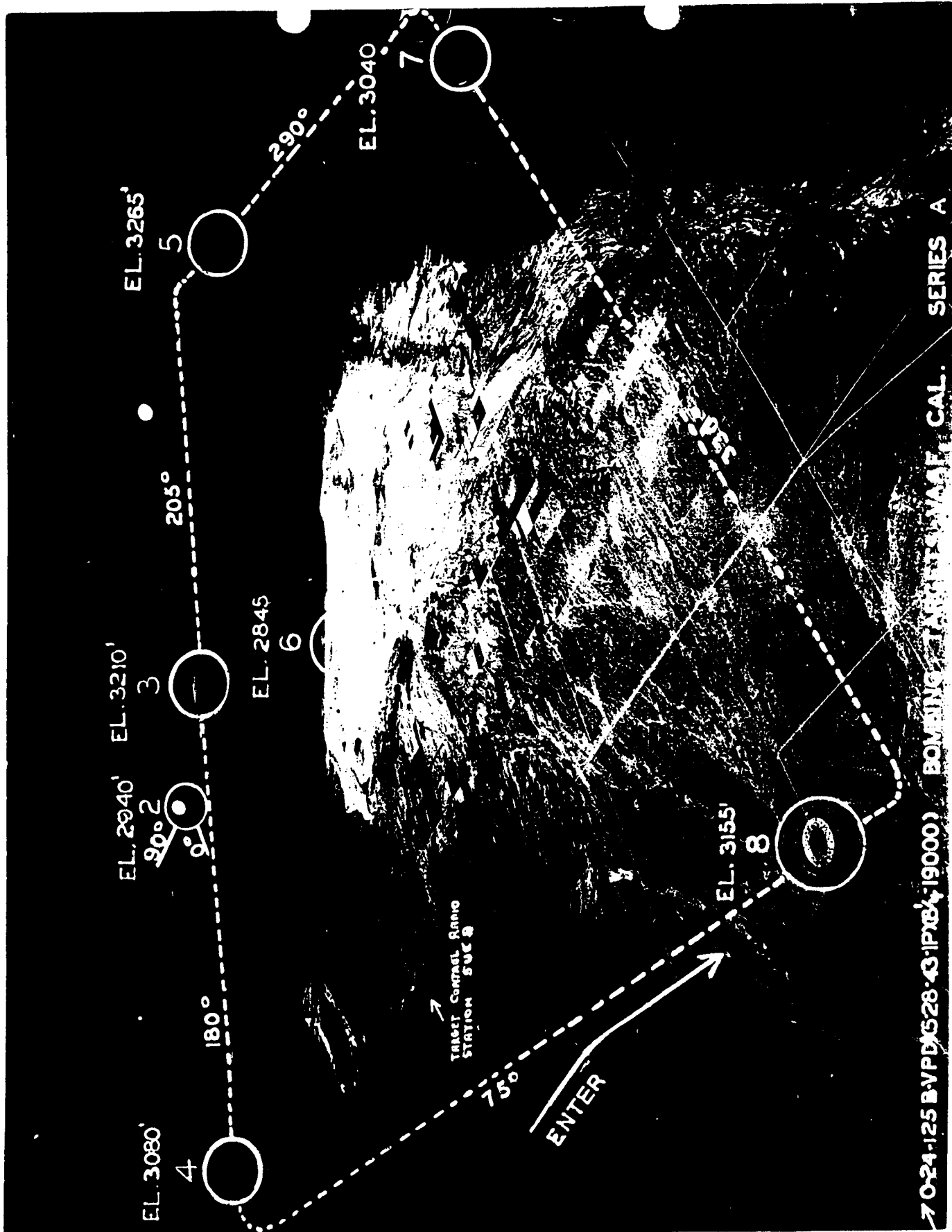
R/E1

RE1. Facing east showing fenced-in area in center of target.



R/E2

RE2. Facing north showing Dead Man's Point.



O-24-125 BVPD/G28-43/P084-19000) BOMBING TARGETS/WAF, CAL. SERIES A

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
FOR
VICTORVILLE PBR #4
VICTORVILLE, CALIFORNIA
PROJECT NUMBER JO9CA068901

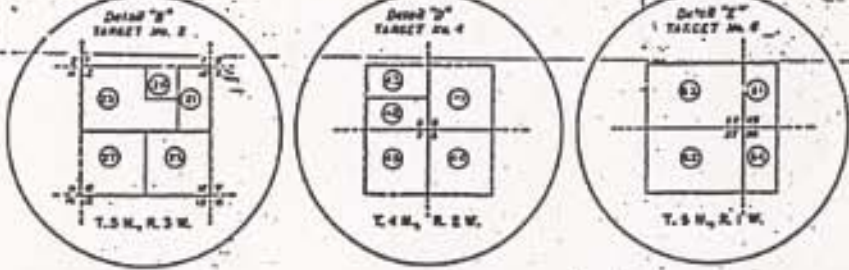
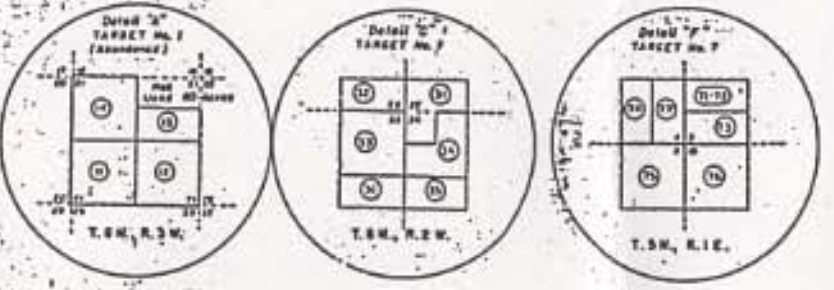
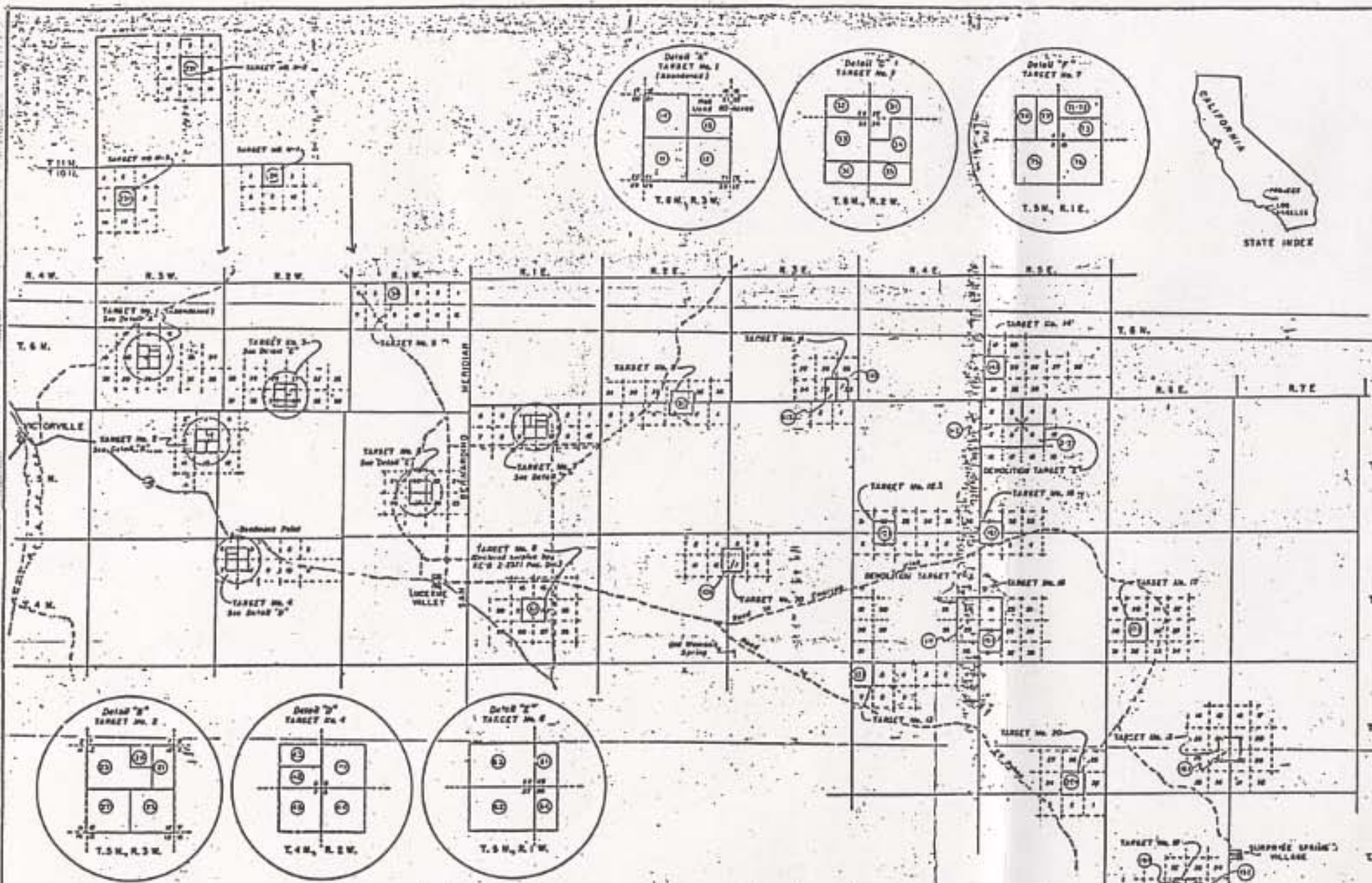
APPENDIX L

REFERENCE MAPS/DRAWINGS

REFERENCE MAPS/DRAWINGS

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- L-1 Map, 1945, Victorville Army Air Field Bombing Ranges (B-42)
- L-2 Map, 1944, Los Angeles Sectional Aeronautical Chart (B-43)
- L-3 Map, 1944, Grid Map of Local Flying Area - Victorville Army Air Field (B-44)
- L-4 Map, 1943, Victorville Flying Training Area and Danger Area (B-45)
- L-5 Map, 1943, Bombing Targets - Victorville Army Airfield (B-46)



FINAL PROJECT OWNERSHIP MAP
 STATE: CALIFORNIA
 COUNTY: SAN BERNARDINO
 DIVISION: PACIFIC
 DISTRICT: LOS ANGELES
 SERVICE COMMAND: NINTH
 USING AGENCY:
 5-55 MILES E OF VICTORVILLE
 18-45 MILES S OF BARSTOW

TRANSPORTATION FACILITIES
 A, T, B, S, F RAILROAD
 18 STATE ROAD
 66 FEDERAL ROAD
 AIRLINE

LAND AREA
 ACRES OWNED BY W.D.
 ACRES LEASED BY W.D.
 ACRES LEASED FROM W.D.
 ACRES TRANSFERRED TO W.D.
 ACRES DONATED TO W.D.

DISPOSALS
 ACRES SOLD
 ACRES TRANSFERRED
 ACRES EXCHANGED
 ACRES OTHERWISE

LEGEND
 BOUNDARY LINE
 STATE OR PROVINCE LINE
 COUNTY LINE
 CIVIL DISTRICT PRECINCT
 LAND-GRANT LINE
 CITY, VILLAGE, OR BOROUGH
 CEMETERY, SMALL PARK, ETC.
 TOWNSHIP LINE
 SECTION LINE



TRACT NO.	TARGET NO.	VENDOR / LESSOR	ACREAGE FEE LEASE TRANSFER	RECORD DATA / LEASE NO.
1	1	GARY E. ADLER	148	Public Land Order No. 115 dated 10/25/53
2	1	ROBERT S. BIRNBAUM ET AL	148	Public Land Order No. 115 dated 10/25/53
3	1	WILLIAM HARRARD ET AL	28	Public Land Order No. 115 dated 10/25/53
4	1	PUBLIC DOMAIN	148	Public Land Order No. 115 dated 10/25/53
5	1	FLORIAN WITTELLI	28	Public Land Order No. 115 dated 10/25/53
6	1	FRANCIS J. COPPIN	148	Public Land Order No. 115 dated 10/25/53
7	1	C. L. REED ET AL	148	Public Land Order No. 115 dated 10/25/53
8	1	CURLIN BOGANCE	148	Public Land Order No. 115 dated 10/25/53
9	1	EDITH MARIE WALTON	28	Public Land Order No. 115 dated 10/25/53
10	1	EDWARD W. W. SMITH	28	Public Land Order No. 115 dated 10/25/53
11	1	LEONARD L. LINDEN	28	Public Land Order No. 115 dated 10/25/53
12	1	ANDREW R. BISHOPMAN	148	Public Land Order No. 115 dated 10/25/53
13	1	ELIZABETH J. LEAH, Estate	28	Public Land Order No. 115 dated 10/25/53
14	1	PUBLIC DOMAIN	148	Public Land Order No. 115 dated 10/25/53
15	1	ALVINCE F. STANLEY ET AL	28	Public Land Order No. 115 dated 10/25/53
16	1	MARIE F. SMITH	28	Public Land Order No. 115 dated 10/25/53
17	1	FRANK F. BRIDGES ET AL	28	Public Land Order No. 115 dated 10/25/53
18	1	ANTHONY BRIDGES ET AL	28	Public Land Order No. 115 dated 10/25/53
19	1	FRANK F. BRIDGES	28	Public Land Order No. 115 dated 10/25/53
20	1	PUBLIC DOMAIN	148	Public Land Order No. 115 dated 10/25/53
21	1	OSAMAH SAJJAD, Estate ET AL	28	Public Land Order No. 115 dated 10/25/53
22	1	TERA SMITH ET AL	148	Public Land Order No. 115 dated 10/25/53
23	1	CURLIN BOGANCE	148	Public Land Order No. 115 dated 10/25/53
24	1	PUBLIC DOMAIN	148	Public Land Order No. 115 dated 10/25/53
25	1	WILLIAM HARRARD ET AL	28	Public Land Order No. 115 dated 10/25/53
26	1	E. E. SMITH ET AL	28	Public Land Order No. 115 dated 10/25/53
27	1	WILLIAM HARRARD	28	Public Land Order No. 115 dated 10/25/53
28	1	WILLIAM HARRARD	28	Public Land Order No. 115 dated 10/25/53
29	1	WILLIAM HARRARD	28	Public Land Order No. 115 dated 10/25/53
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31	1	PUBLIC DOMAIN	148	Public Land Order No. 115 dated 10/25/53

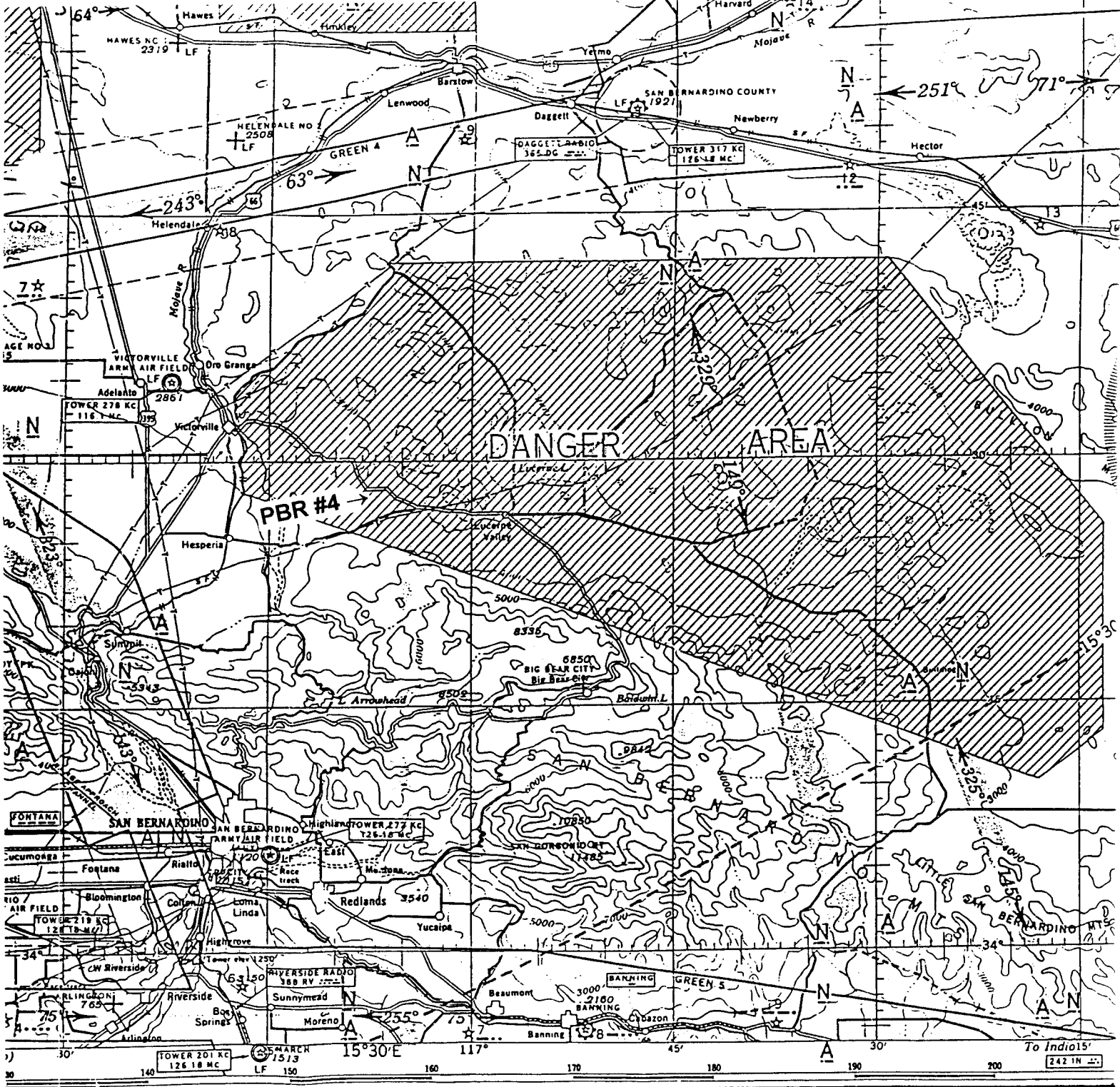
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33	1	PUBLIC DOMAIN	148	Public Land Order No. 115 dated 10/25/53
34	1	STATE OF CALIFORNIA	148	Public Land Order No. 115 dated 10/25/53
35	1	CURLIN BOGANCE	148	Public Land Order No. 115 dated 10/25/53
36	1	CURLIN BOGANCE	148	Public Land Order No. 115 dated 10/25/53
37	1	CURLIN BOGANCE	148	Public Land Order No. 115 dated 10/25/53
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39	1	CURLIN BOGANCE	148	Public Land Order No. 115 dated 10/25/53
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41	1	CURLIN BOGANCE	148	Public Land Order No. 115 dated 10/25/53
42	1	CURLIN BOGANCE	148	Public Land Order No. 115 dated 10/25/53
43	1	CURLIN BOGANCE	148	Public Land Order No. 115 dated 10/25/53
44	1	CURLIN BOGANCE	148	Public Land Order No. 115 dated 10/25/53
45	1	CURLIN BOGANCE	148	Public Land Order No. 115 dated 10/25/53
46	1	CURLIN BOGANCE	148	Public Land Order No. 115 dated 10/25/53
47	1	CURLIN BOGANCE	148	Public Land Order No. 115 dated 10/25/53
48	1	CURLIN BOGANCE	148	Public Land Order No. 115 dated 10/25/53
49	1	CURLIN BOGANCE	148	Public Land Order No. 115 dated 10/25/53
50	1	CURLIN BOGANCE	148	Public Land Order No. 115 dated 10/25/53

TRANSFER DATA
 Withdrawn for use of War Department subject to
 valid rights by Public Land Order No. 115 dated 10/25/53
 Valid rights - fee received by W.D. 7500.00
 portion Target no. 1 shown as leased, 400.00
 portion Target no. 2 shown as leased, 200.00
 Leases - Tracts 41 & 42, 100.00
 Total of valid rights 8000.00
 Public Domain transferred to W.D. by P.L.O. No. 115, 1480.00
 Public Domain to use - no record of transfer
 Total Public Domain to use by War Department, 1480.00






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 22-01234 27 June, 1942 amended dated 10/25/53 in file 2-10-10-10-10
 22-01234 27 June, 1942 amended dated 10/25/53 in file 2-10-10-10-10
 22-01234 27 June, 1942 amended dated 10/25/53 in file 2-10-10-10-10
 22-01234 27 June, 1942 amended dated 10/25/53 in file 2-10-10-10-10

Expanded from the holdings of the National Archives
 Pacific Southwest Region

WAR DEPARTMENT, O.C.E.
 CONSTRUCTION DIVISION
REAL ESTATE
VICTORVILLE ARMY AIR FIELD
BOMBING RANGES
MILITARY RESERVATION
 RECOMMENDED: [Signature] DATE: 10/25/53
 APPROVED: [Signature] DATE: 10/25/53
 COMPILED: [Signature] TRACED: [Signature] CHECKED: [Signature]
 DATE BY: REVISIONS APPROVED:
 SHEETS: 1 OF 1 DRAWING NO.: 6528



Hazard Areas in the United States

-  Caution Area-Visible Hazard
(avoid if practicable)
-  Danger Area-Invisible Hazard
(specific authority required for flight within area)
-  Prohibited Area
(aircraft prohibited unless engaged in defense mission)
-  Tunnel Area
(thru traffic restricted to altitudes as shown)
-  Range Approach Channel
(showing local flying & airport control areas)

Consult Civil Aeronautics Administration
Notices for changes occurring in aeronautical
data on this chart after

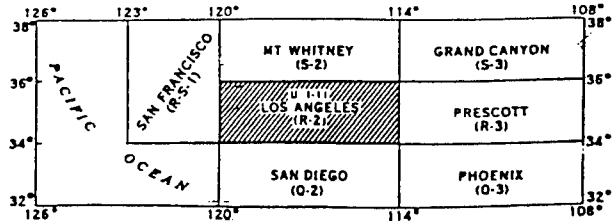
AUG. 10, 1944

LOS ANGELES (R-2)

N3400-W11400/200X600

SECTIONAL AERONAUTICAL CHART

INDEX TO PUBLISHED ADJOINING SHEETS



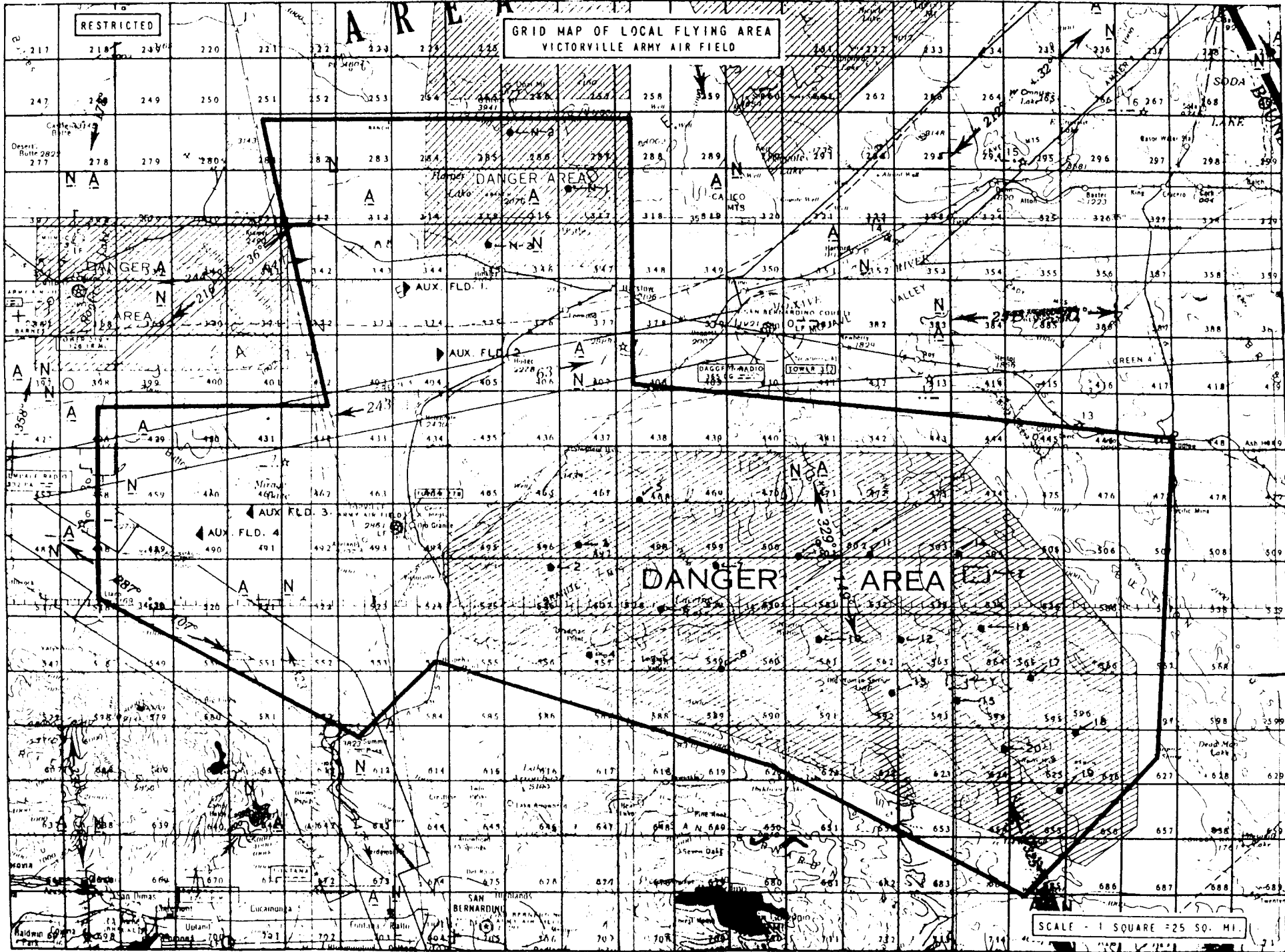
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Letters and numerals following chart name thus: SEATTLE (X-1) refer
only to Sectional Aeronautical Chart index of the United States

L-2

RESTRICTED

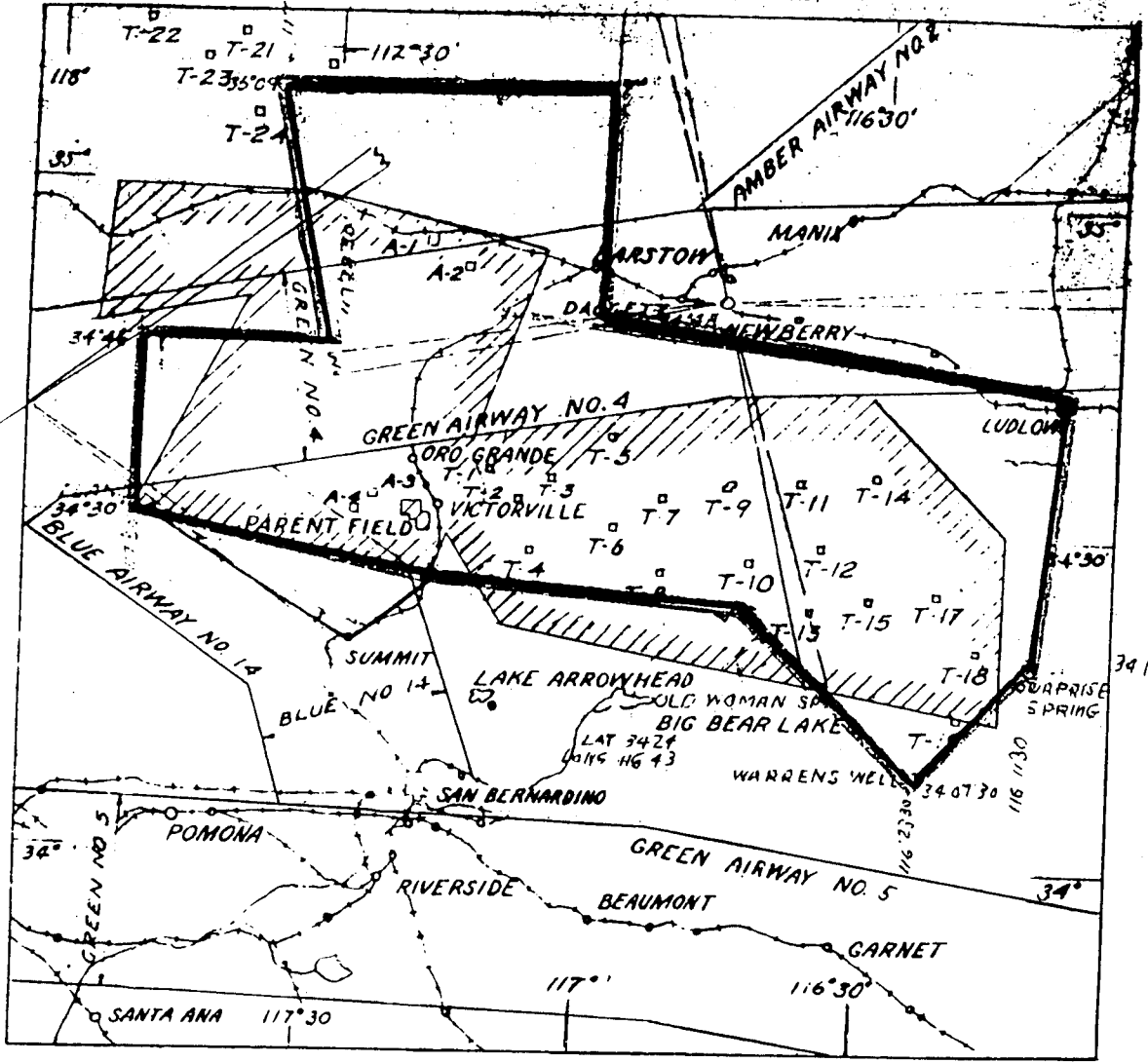
A R E A

GRID MAP OF LOCAL FLYING AREA
VICTORVILLE ARMY AIR FIELD



SCALE - 1 SQUARE = 25 SQ. MI.

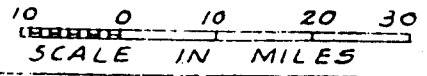
VICTORVILLE



FLYING TRAINING AREA AND DANGER AREA

11 M. REGIONAL AERO CHART BASE

-  FLYING TRAINING AREA
-  DANGER AREA



Incl. 1 V-4 Flying Training Area shown hereon
in Red is hereby approved
117° *Ray D. Butler*
Date May 25, 1943

RESTRICTED

BOMBING TARGETS

EAST RANGE
VICTORVILLE ARMY AIR FIELD

RESTRICTED

VICTORVILLE
ARMY AIR
FIELD

FIELD ALTITUDE	TARGET ALL.
2861'	
2940'	2
3210	3
3080	4
3265	5
2845	6
3040	7
3155	8
3305	9
2895	10
3410	11
2745	12
2885	13
2885	14
2600	15
2935	16
2355	17
2480	18
3060	19
3180	20
2570	Y
2700	Z

OFFICE OF DIRECTOR
OF FLIGHT TRAINING

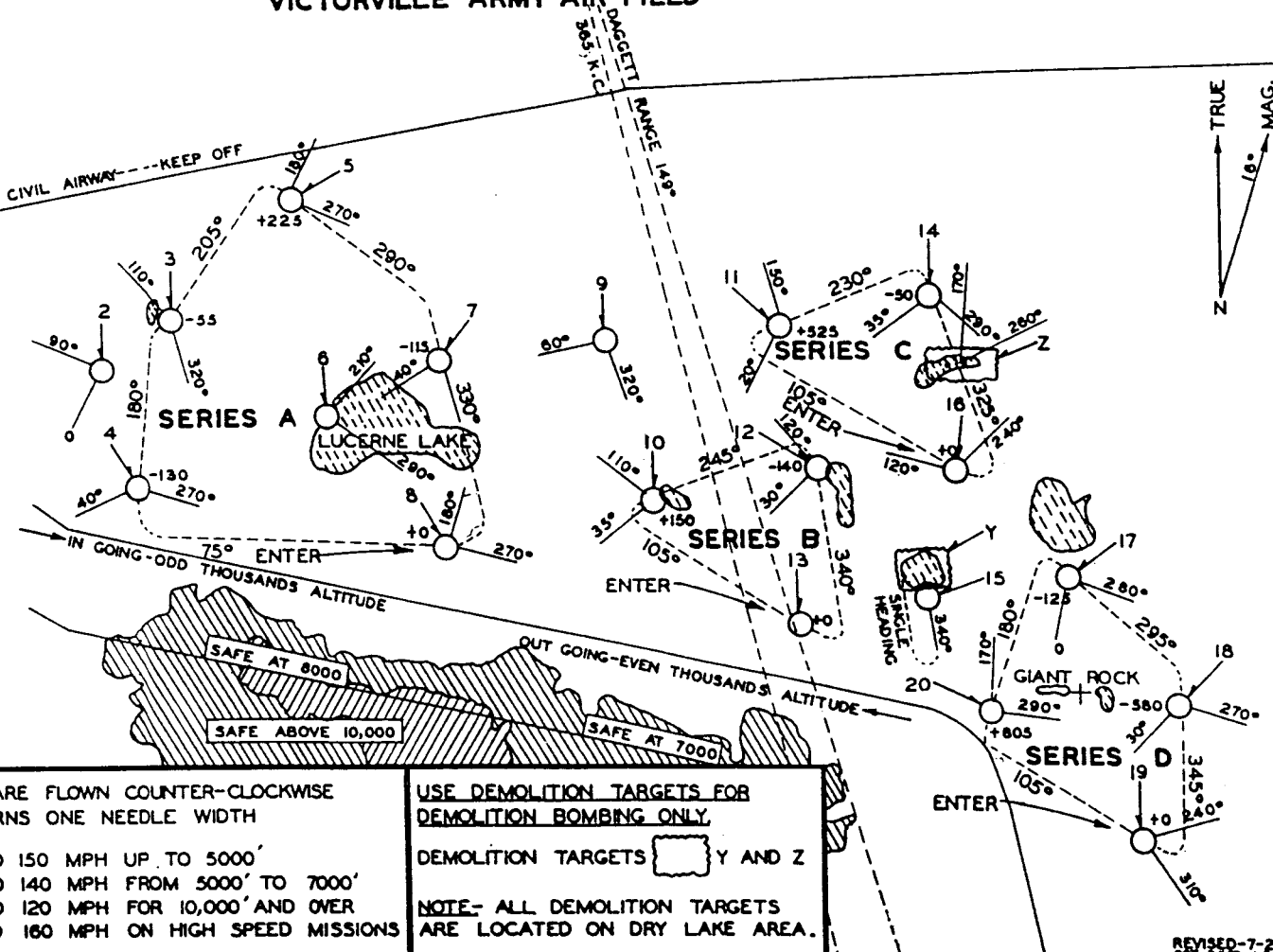
SERIES ARE FLOWN COUNTER-CLOCKWISE
ALL TURNS ONE NEEDLE WIDTH

AIRSPED 150 MPH UP TO 5000'
 AIRSPED 140 MPH FROM 5000' TO 7000'
 AIRSPED 120 MPH FOR 10,000' AND OVER
 AIRSPED 160 MPH ON HIGH SPEED MISSIONS

USE DEMOLITION TARGETS FOR
DEMOLITION BOMBING ONLY

DEMOLITION TARGETS Y AND Z

NOTE: ALL DEMOLITION TARGETS
ARE LOCATED ON DRY LAKE AREA.



REVISED-7-20-43
SOL 0000 J. AGM

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
FOR
VICTORVILLE PBR #4
VICTORVILLE, CALIFORNIA
PROJECT NUMBER JO9CA068901

APPENDIX M
ARCHIVES SEARCH REPORT CORRESPONDENCE
(NOT USED)

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
FOR
VICTORVILLE PBR #4
VICTORVILLE, CALIFORNIA
PROJECT NUMBER JO9CA068901

APPENDIX N
PROJECT AREA BIBLIOGRAPHY

**APPENDIX N
PROJECT AREA BIBLIOGRAPHY**

Document-ID	Project Area(s)	OE Classification	Document Name	Document Date	Document Source	Description and Comments
1	A & B	Confirmed	Indorsement Stating the Disposal of Unexploded Bombs at Victorville AAF Targets Has Been Accomplished	20-Aug-45	NARA-Pacific Region	F-3: Request and Reply for Neutralizing Victorville Bomb Targets
1	C	Potential	Indorsement Stating the Disposal of Unexploded Bombs at Victorville AAF Targets Has Been Accomplished	20-Aug-45	NARA-Pacific Region	F-3: Request and Reply for Neutralizing Victorville Bomb Targets
2	A & B	Confirmed	Deddudding Report on Bombing Targets Formerly Assigned to Victorville Army Air Field	25-Sep-46	National Personnel Record Center	F-15: Statement that only practice bombs were used.
2	C	Potential	Deddudding Report on Bombing Targets Formerly Assigned to Victorville Army Air Field	25-Sep-46	National Personnel Record Center	F-15: Statement that only practice bombs were used.
3	A & B	Confirmed	Site Photographs	23-Jan-98	Visual Inspection	J-10 to J-13: Photographs of bomb debris.
4	A & B	Confirmed	Aerial Photograph	30-Aug-90	U.S. Geological Survey	K-1: Photograph of bomb target bull's eye

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
FOR
VICTORVILLE PBR #4
VICTORVILLE, CALIFORNIA
PROJECT NUMBER: JO9CA068901

APPENDIX O
REPORT DISTRIBUTION LIST

APPENDIX O

REPORT DISTRIBUTION LIST

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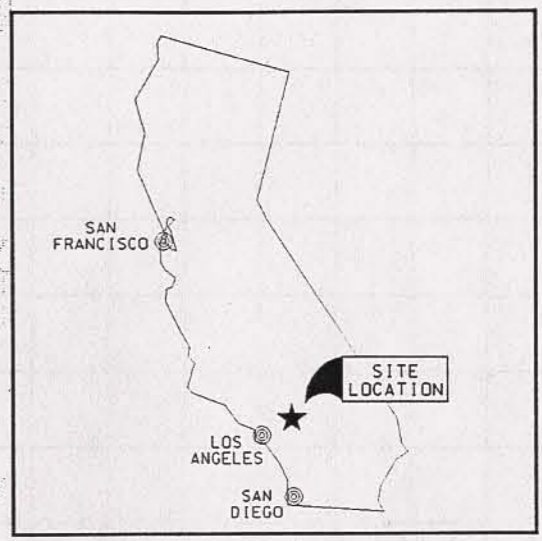
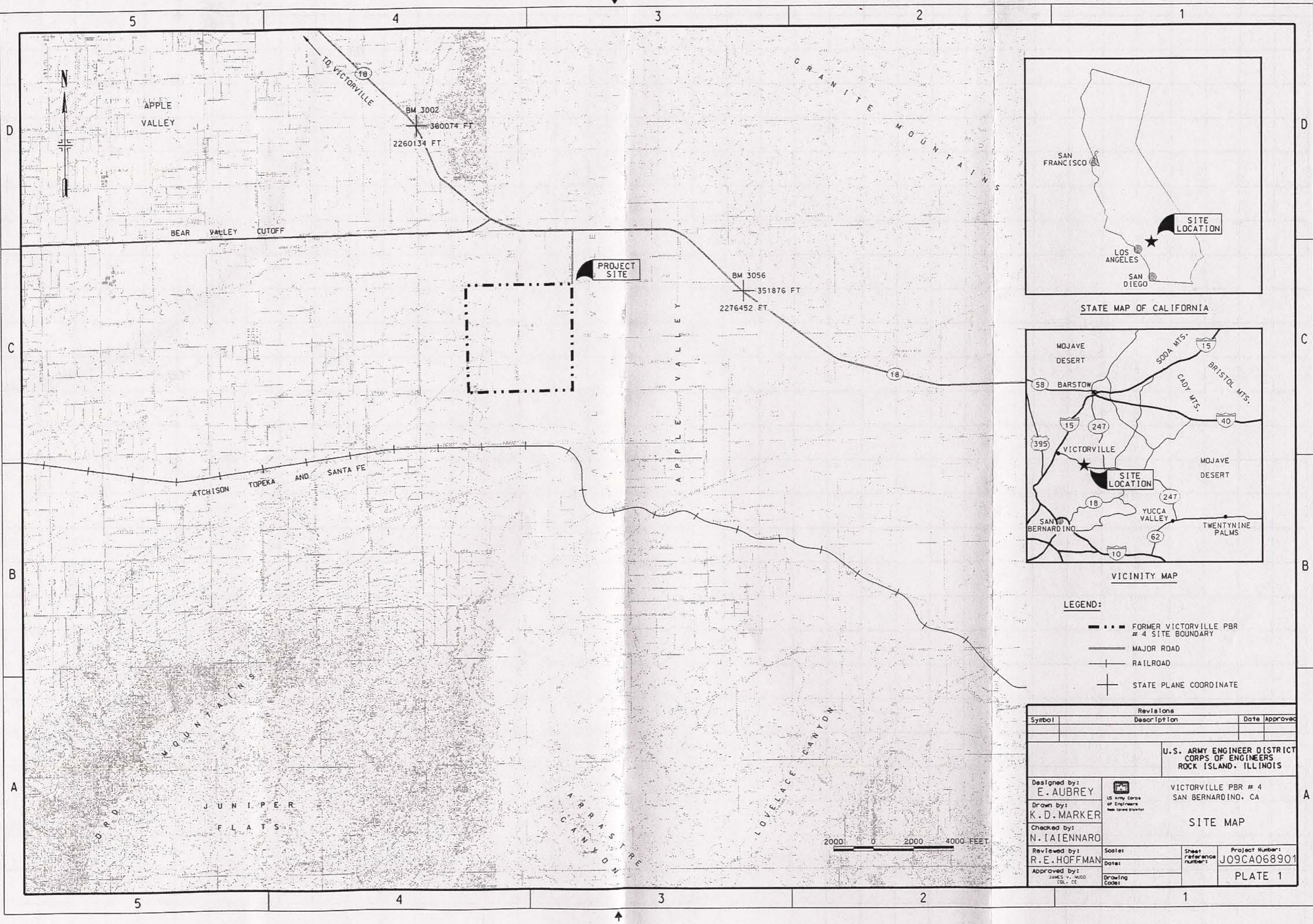
COMMANDER U.S. ARMY CORPS OF ENGINEERS
ROCK ISLAND DISTRICT
P.O. BOX 2004
ROCK ISLAND, IL 61204-2004

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ED-D			1
ED-DO	3		

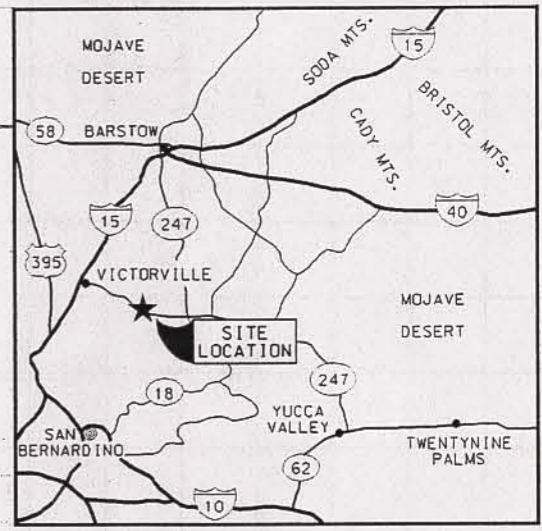
I = FINAL REPORT
II = FINDINGS REPORT
III = ROUTED FINAL REPORT

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
FOR
VICTORVILLE PBR #4
VICTORVILLE, CALIFORNIA
PROJECT NUMBER: JO9CA068901

REPORT PLATES




STATE MAP OF CALIFORNIA

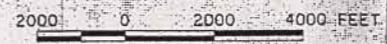


VICINITY MAP

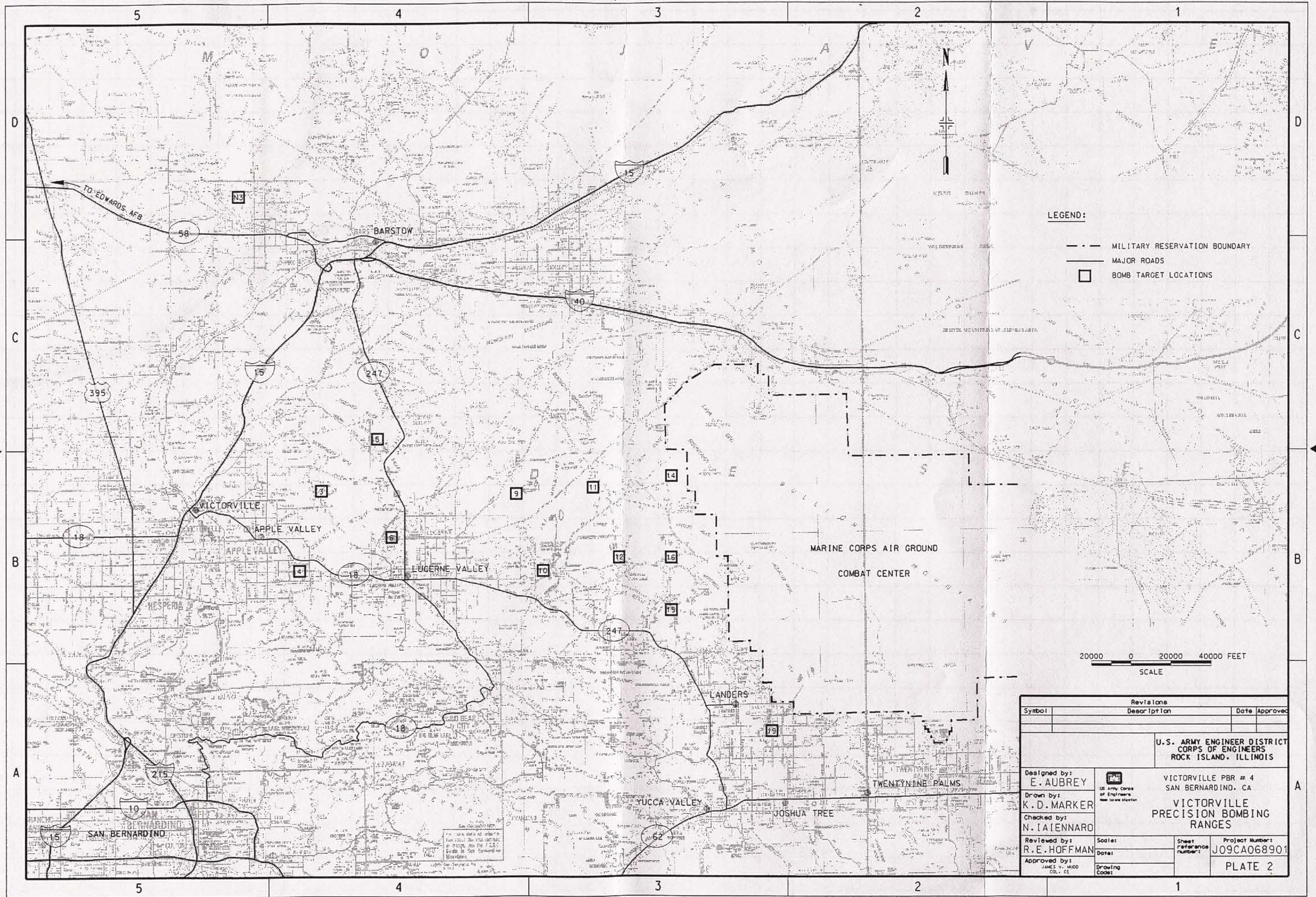
LEGEND:

- FORMER VICTORVILLE PBR # 4 SITE BOUNDARY
- MAJOR ROAD
- +— RAILROAD
- + STATE PLANE COORDINATE

Revisions		Date		Approved	
Symbol	Description				
U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS ROCK ISLAND, ILLINOIS					
Designed by: E. AUBREY		 U.S. Army Corps of Engineers <small>FOR ILLUSTRATION PURPOSES ONLY</small>	VICTORVILLE PBR # 4 SAN BERNARDINO, CA		
Drawn by: K.D. MARKER			SITE MAP		
Checked by: N. AIENNARO			Project Number: JO9CA068901		
Reviewed by: R.E. HOFFMAN		Scale:	Sheet reference number:	Project Number:	
Approved by: JAMES V. WOOD COL, CE		Date:			
Drawing Code:				PLATE 1	

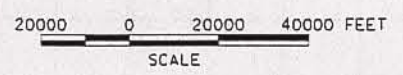


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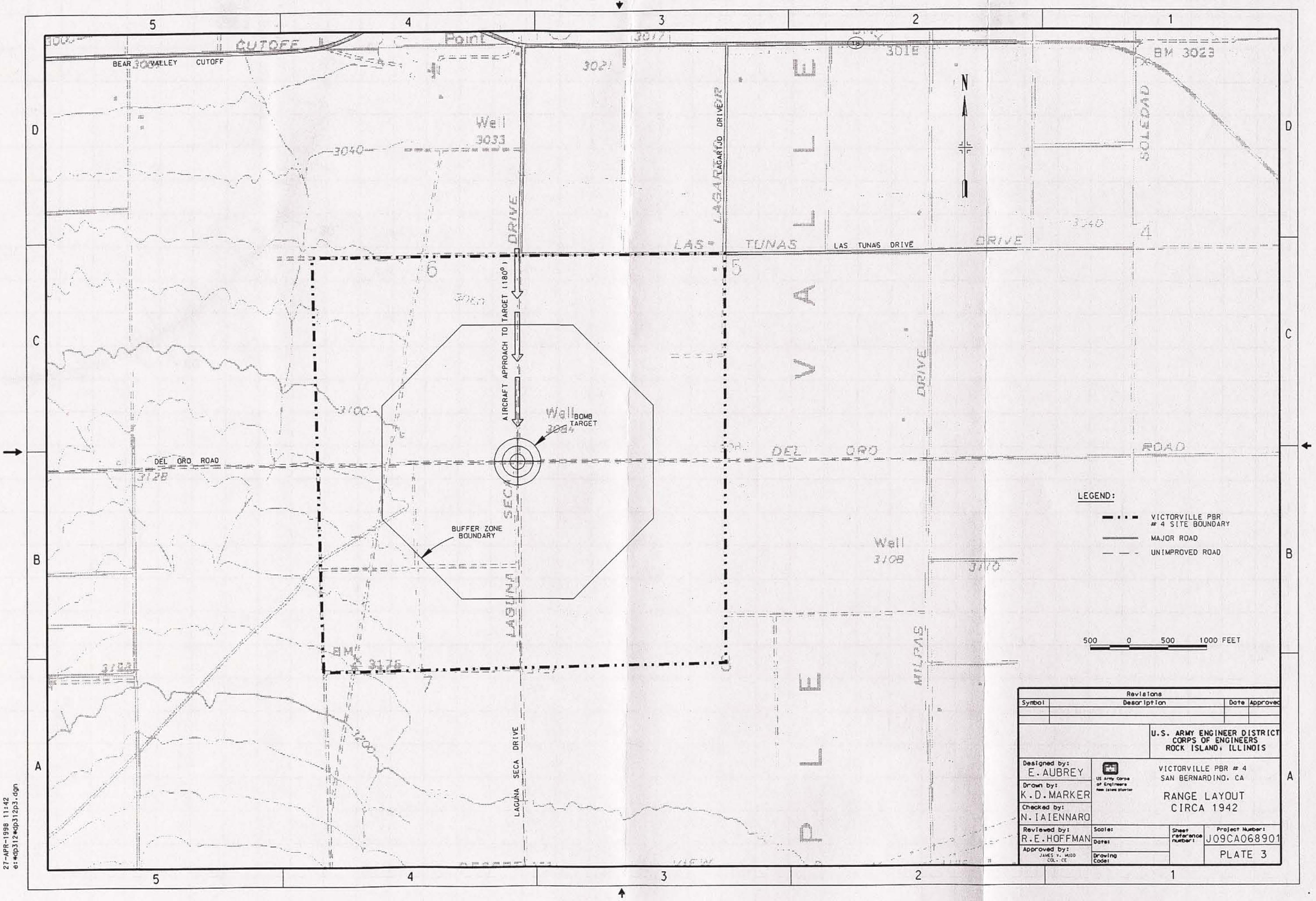


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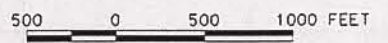
- - - MILITARY RESERVATION BOUNDARY
- MAJOR ROADS
- BOMB TARGET LOCATIONS




Revisions		Date Approved	
Symbol	Description		
U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS ROCK ISLAND, ILLINOIS			
Designed by:	E. AUBREY	VICTORVILLE PBR # 4 SAN BERNARDINO, CA VICTORVILLE PRECISION BOMBING RANGES	
Drawn by:	K. D. MARKER		
Checked by:	N. IAIENNARO		
Reviewed by:	R. E. HOFFMAN		
Approved by:	JAMES V. MAUD COL. CE		
Scale:		Sheet reference number:	Project Number: J09CA068901
Drawing Code:			PLATE 2

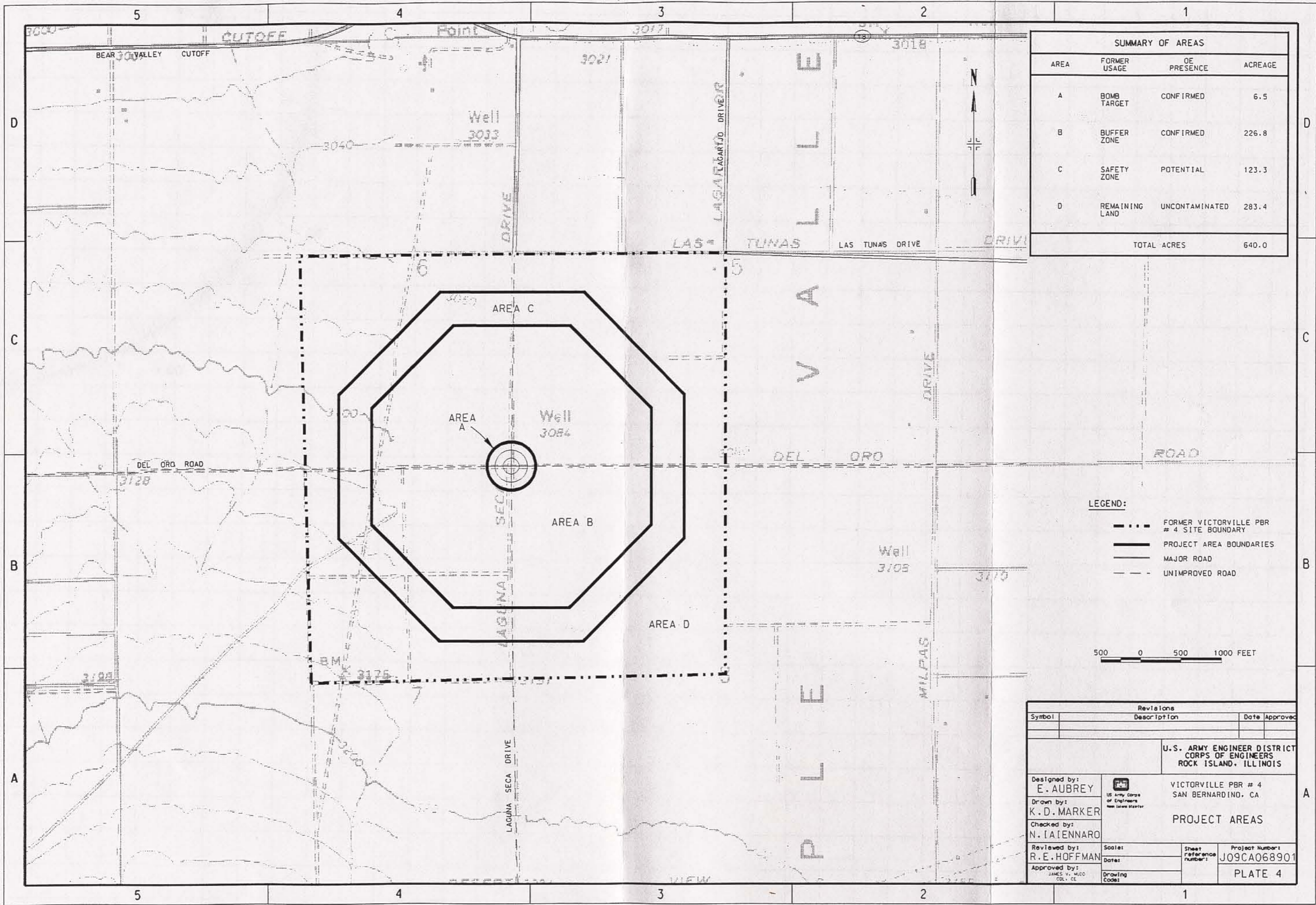


- LEGEND:**
- VICTORVILLE PBR # 4 SITE BOUNDARY
 - == MAJOR ROAD
 - - - UNIMPROVED ROAD



Revisions		Date		Approved	
Symbol	Description				
U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS ROCK ISLAND, ILLINOIS					
Designed by: E. AUBREY		 VICTORVILLE PBR # 4 SAN BERNARDINO, CA			
Drawn by: K. D. MARKER					
Checked by: N. IAIENNARO		RANGE LAYOUT CIRCA 1942			
Reviewed by: R. E. HOFFMAN		Scale:	Sheet reference number:	Project Number:	
Approved by: JAMES V. MADD COL., CE		Date:		J09CA068901	
Drawing Code:		PLATE 3			

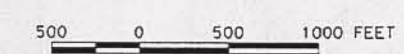
27-APR-1998 11:42
 e:\ep312\ep312p3.dgn



SUMMARY OF AREAS			
AREA	FORMER USAGE	OE PRESENCE	ACREAGE
A	BOMB TARGET	CONFIRMED	6.5
B	BUFFER ZONE	CONFIRMED	226.8
C	SAFETY ZONE	POTENTIAL	123.3
D	REMAINING LAND	UNCONTAMINATED	283.4
TOTAL ACRES			640.0

LEGEND:

	FORMER VICTORVILLE PBR # 4 SITE BOUNDARY
	PROJECT AREA BOUNDARIES
	MAJOR ROAD
	UNIMPROVED ROAD

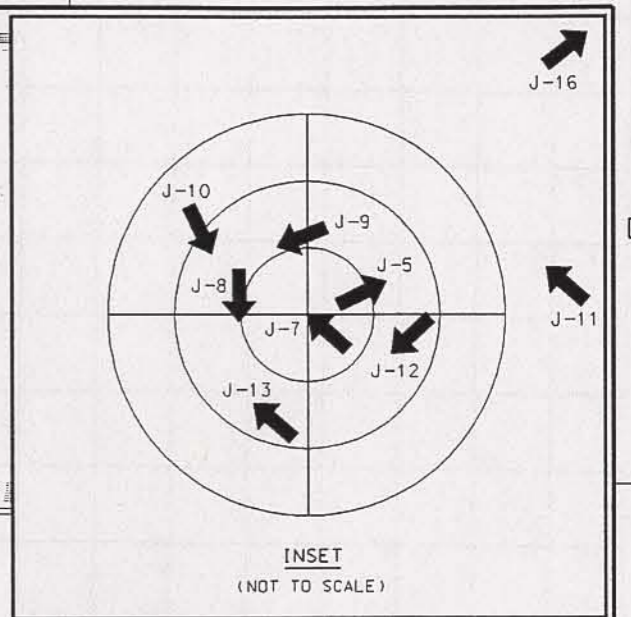
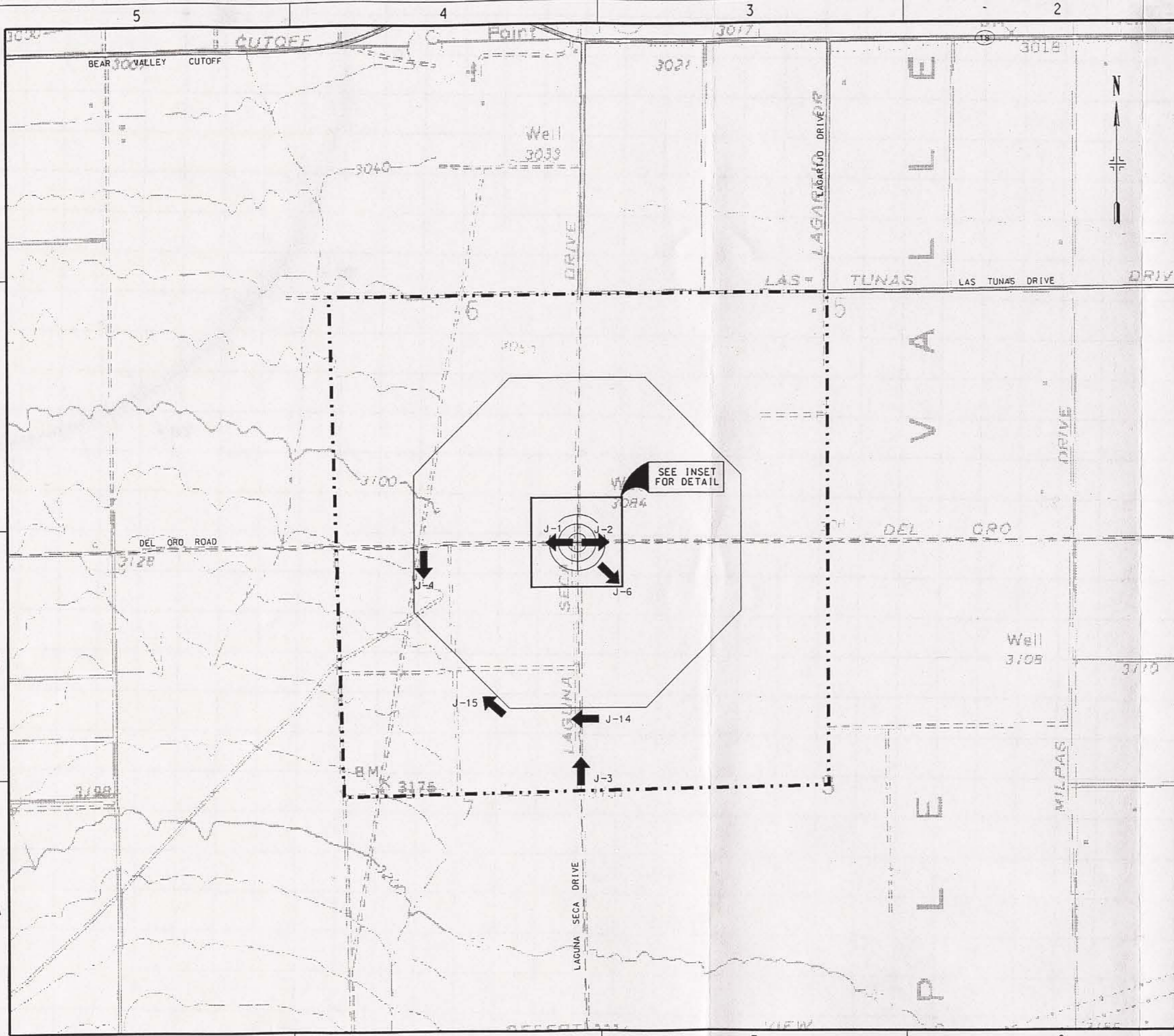


Revisions			
Symbol	Description	Date	Approved

U.S. ARMY ENGINEER DISTRICT
 CORPS OF ENGINEERS
 ROCK ISLAND, ILLINOIS

Designed by: E. AUBREY		VICTORVILLE PBR # 4 SAN BERNARDINO, CA
Drawn by: K. D. MARKER		
Checked by: N. LAIENARO	PROJECT AREAS	
Reviewed by: R. E. HOFFMAN	Scale:	Sheet reference number: J09CA068901
Approved by: JAMES V. MUO COL. CE	Drawing Code:	

Project Number:
J09CA068901
PLATE 4



NOTE:
 OWNERSHIP ON THIS SITE CONSISTS OF MULTIPLE PRIVATE LAND OWNERS (SEE DOCUMENT G-9). CONTACT THE SAN BERNARDINO ASSESSOR'S OFFICE FOR A DETAILED LISTING OF CURRENT PLAT MAPS AND OWNERS.

- LEGEND:**
- FORMER VICTORVILLE PBR # 4 SITE BOUNDARY
 - MAJOR ROAD
 - - - UNIMPROVED ROAD
 - ← PHOTO LOCATION



Revisions			
Symbol	Description	Date	Approved
U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS ROCK ISLAND, ILLINOIS			
Designed by: E. AUBREY	 U.S. Army Corps of Engineers <small>Non-Irradiated</small>	VICTORVILLE PBR # 4 SAN BERNARDINO, CA	
Drawn by: K. D. MARKER		PHOTO LOCATIONS/ OWNERSHIP 1998	
Checked by: N. IAIENNARO	Reviewed by: R. E. HOFFMAN	Scale: Date:	Project Number: J09CA068901
Approved by: <small>JAMES V. MUDD COL., CE</small>	Drawing Code:	Sheet reference number:	PLATE 5

SEE INSET FOR DETAIL

27-APR-1998 12:58
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