



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 the **FORMER**

VICTORVILLE PBR #9

BARSTOW, CALIFORNIA

Project Number
J09CA069401

April 1998



DEFENSE ENVIRONMENTAL RESTORATION PROGRAM
for
FORMERLY USED DEFENSE SITES

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ARCHIVES SEARCH REPORT
FOR THE FORMER
VICTORVILLE PBR #9
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Prepared For

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ORDNANCE AND EXPLOSIVES
 ARCHIVES SEARCH REPORT
 FOR
 VICTORVILLE PRECISION BOMBING RANGE #9
 BARSTOW, CALIFORNIA
 PROJECT NUMBER J09CA069401

ACKNOWLEDGMENTS				
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ORDNANCE AND EXPLOSIVES PROJECTS
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1. INTRODUCTION

a. Subject and Purpose

(1) This report presents the findings of a historical records search and site inspection for presence of ordnance and explosives (OE) located at the former Victorville Precision Bombing Range #9 (PBR #9), (see plate 1) 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 investigation focused on approximately 657.28 acres that were identified as the former Victorville PBR #9 (see plates 1 and 2). The former PBR was used by the nearby Victorville Flying School to train bombardiers the art of aerial bombing. Initial activation of the site was approximately 14 April 1942 and was declared surplus by the Army Air Corps on 20 April 1945.

(3) The purpose of this investigation was to characterize the site for potential OE presence, to include conventional ammunition and chemical warfare material (CWM). Experienced ordnance experts conducted the investigation through 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 (see plate 3), and confirmed ordnance presence (prior to and after site closure), based on available records, interviews, site inspections, and analyses. The analyses provide 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 consists of live ammunition, ammunition components, CWM or explosives which have been lost, abandoned, discarded, buried, fired, or thrown from demolition pits or burning pads. These items were 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 (caliber .50 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 former Victorville PBR #9 was authorized under DERP-FUDS. The PA was conducted by the US Army Corps of Engineers, Los Angeles District. The Findings and Determination of Eligibility (FDE), dated 19 December 1991 concluded that this site (Site Number J09CA069400) was found to have been formerly used by the Department of Defense (DOD), and was therefore eligible for the Defense Environmental Restoration Program (see document E-1).

(2) The INPR recommended an OE investigation at the former Victorville PBR #9, which is the subject of this report. Table 2-1 represents the overall assessment of the site.

TABLE 2-1 DERP-FUDS PRELIMINARY ASSESSMENT PROJECTS				
Project Number	DERP Category	Present Phase	Comments	Location
J09CA069401	OE	SI	Ordnance and Explosive Presence	See plate 1 & Document L-1
	CON/HTRW		None Recommended	
	BD/DR		None Recommended	
	HTRW		None Recommended	

b. **Additional Investigations**

There were no other previous investigations found during this site assessment team's investigation of the subject location.

3. SITE DESCRIPTION

a. Existing Land Usage

(1) The former Victorville PBR #9 is located approximately 36 miles east of Victorville, San Bernardino County, California (see plate 1). The former site is in Township 6 North, Range 2 East, Sections 34 and 35 and Township 5 North, Range 2 East, Sections 2 and 3 (see plate 3).

(2) The land is currently maintained by the Department of Interior, Bureau of Land Management. The land is open to recreational use (see document G-1 and plate 4).

(3) Table 3-1 shows how this land is currently utilized.

TABLE 3-1 CURRENT LAND USAGE					
AREA	FORMER USAGE	PRESENT OWNER	PRESENT USAGE	SIZE/ACRES*	COMMENTS
A	Target Area	Department of Interior, Bureau of Land Management	Public Use Recreation	20	See plates 3 and 4
B	Buffer Area	Department of Interior, Bureau of Land Management	Public Use Recreation	130	See plates 3 and 4
C	Remaining Land	Department of Interior, Bureau of Land Management	Public Use Recreation	507.28	See plates 3 and 4
* Approximate Acreage				Total	657.28

b. Climatic Data

(1) The subject site is located between Victorville and Barstow. Due to this fact, the climatic data of both cities will be referenced because of the similarities and proximity of both cities (reference B-6). This area has long and very hot summers and the winters are quite warm despite an occasional series of days when the nightly minimum temperatures fall below freezing. Winter

temperatures average 47 degrees Fahrenheit at Barstow and 45 degrees Fahrenheit at Victorville. The average daily minimum temperature is 33 degrees Fahrenheit at Barstow and 30 degrees Fahrenheit at Victorville. The summer average temperature is 82 degrees at Barstow and 77 degrees Fahrenheit is at Victorville.

(2) Annual precipitation is very small with an average of three inches annually at Barstow and five inches at Victorville. Approximately thirty percent of the annual rainfall occurs during the months April through September. The average snowfall at Barstow is one inch and two inches at Victorville (reference B-6).

c. Topography

The former site is 3,300 foot above sea level and is centered on an alluvial plain. There is less than 20-foot relief on the former site. The southern edge of site has one small rock outcrop and to the east of the site is the Fry Mountain chain that has an elevation of a little more than 4,000 feet above sea level (reference B-7).

d. Geology and Soils

According to the General Soils Report of the Southwestern Desert Area of San Bernardino County, the types of soil on the subject site are the Adelanto-Mohave association and the Mohave-Adelanto variants association. Bedrock is at a depth of 60 feet or more.

(1) The first type of soil is the Adelanto-Mohave association, which has 0 to 9 percent slopes. This association consists of well-drained, moderately permeable loams developed from sand alluvium. These soils support desert shrubs, with some annual forbs and grasses. Use of these soils is mainly recreation (document E-2).

(3) The second type of soil is the Mohave-Adelanto association. The difference between the two soils is the Adelanto-Mohave association contains a higher percentage of Adelanto soils. The Mohave-Adelanto association consists of brown, granular, soft, moderately alkaline, sandy loam surface soils. Sandy subsurface soils are reddish brown, blocky slightly hard and moderately alkaline.

e. Hydrology

(1) Due to the desert climate and rapid permeability of the soil, there are no streams on the site. No dry streams, gullies or rills were noted during the site inspection. The Mojave River is the only watershed in the area. Due to the remoteness of the former site there are no reports indicating the depth of ground water in the

immediate area. However, other former Victorville PBR sites in the vicinity have reported ground water depths of approximately 250 feet.

(2) The United States Geological Survey describes the area where the former range is located as a Basin and Range area. The Basin and Range area is in individual basins or in two or more hydraulically connected basins through which ground water flows to a terminal discharge point or sink (see document F-16).

(3) The sinks have essentially the same characteristics. Impermeable rocks of the mountain ranges serve as boundaries to the flow systems. The majority of the ground water flows through basin-fill deposits.

(4) In the areas where carbonated rocks underlie the basins, substantial quantities of water can flow between the basins through the carbonated rocks and into the basin-fill deposits. This water is ultimately discharged by evapotranspiration.

(5) Where possible recharge to the basin-fill deposits originates in the mountains as snow melt, and where the streams emerge from the bedrock channels, the water infiltrates into the alluvial fans and replenishes the basin-fill aquifer. Intense rain may provide some direct recharge to the basin-fill deposit, but, in most cases any rainfall that infiltrates the soil is immediately evaporated or taken up as soil moisture.

f. Natural Resources

(1) According to the U.S. Fish and Wildlife Service there is one endangered species in the area (see document F-1). The California Fish and Wildlife Service also lists species, however the list is countywide and does not specify any species in the immediate area of the former site (see document F-2).

(2) If actions should proceed further regarding the former Victorville PBR #9 the U.S. Fish and Wildlife and the California Fish and Wildlife Service should be contacted prior to any actions (see documents F-1 and F-2).

g. Historical/Cultural Resources

(1) There are no known cultural resources, historic or prehistoric resources recorded in their inventories.

(2) If actions should proceed further regarding the former Victorville PBR #9 the California Archaeological Information Center, telephone (909) 792-1497 prior to any actions (see document F-3).

TABLE 3-2 Natural, Historical and Cultural Resources		
Resource Classification	Type	Comments
Wildlife	Desert Tortoise	Endangered Species Contact U.S. Fish and Wildlife Service
Vegetation	None Known	Contact U.S. Fish and Wildlife Service
Historical	None Known	Contact Archaeological Information Center
Cultural	None Known	Contact Archaeological Information Center

4. HISTORICAL ORDNANCE PRESENCE

a. **Chronological Site Summary**

(1) Public Land Order (PLO) 125, transferred 657.28 acres of land from the Department of the Interior to the War Department on 20 May 1943. Victorville PBR #9 was one of approximately twenty precision bombing ranges constructed for the Victorville Army Airfield to support its bombing and gunnery training mission (see document F-7).

(2) A letter dated in April 1942 from the Victorville Army Flying School stated the requirements and locations for construction of eighteen precision bombing ranges. No buildings or towers were constructed on the former Victorville PBR #9. Improvements to the site consisted of frame butts, appurtenances, and possibly a fence (see document F-6).

(3) The former precision bombing range was completed in April 1942 and turned over to the Victorville Army Flying School for use at that time (see document F-5).

(4) The former bombing range, along with numerous others, were declared excess and slated for abandonment at the end of WWII by the Department of the Army on 2 October 1945 (see documents F-8 and F-9). Additionally, Headquarters, San Bernardino Air Technical Service Command, sent out an additional letter to insure all auxiliary installations assigned Victorville Flying School were declared excess and that disposition actions were being taken. This letter identified Victorville PBR #9 and the remaining ranges and installations individually by exact property descriptions (see document F-11).

(5) The final land appraisal of the former Victorville PBR's was performed in February 1947. This appraisal provided an assessment on the lands value and potential for resale. Victorville PBR #9 was valued at \$1.25 per acre and considered of little value for grazing (see document F-14).

(6) The land was formally returned in its entirety to the U.S. Department of Interior on 9 July 1945. The official transfer from the Department of the Army to the Department of Interior was in 30 January 1948 (see document G-1).

(7) Currently the entire site, is controlled by the Department of the Interior, Bureau of Land Management (see documents G-1 and G-2).

b. Review of Ordnance Related Records

(1) Research efforts began with a thorough review of all reports, newspaper articles, historical documents and reference material gathered during the archival records search. During this review, an effort was made to focus on areas of potential OE presence as described in the Inventory Project Report (see document E-1).

(2) A letter written in February, 1942 to the Commanding General at Moffett Field, California, revealed pertinent information on the construction and end usage of the former Victorville PBR #9. The letter states the target center would be marked with a wooden pyramid. It also stated that the target would be used for training aerial bombardiers using one hundred pound (100 lb.), sand filled, practice bombs (see document F-6).

(3) A letter dated April 1945 declared the Victorville PBR #9 as no longer necessary for current requirements. This letter listed the improvements to the range. These improvements were a three strand barbed wire fence and target outlines marking the center of the target (see document F-8).

(4) The 65th Ordnance Bomb Disposal Squad was requested to neutralize the subject area. An endorsement to this request dated 20 August 1945 stated that the subject target had been cleared of all "live bombs" (see document F-10). However, these documents do not define the meaning of "live bombs". Also, this document does not specify if the subject site was one of those cleared.

(5) A questionnaire from the Commanding General, San Bernardino Air Material Area, provided additional confirmation on the type of ordnance used on the ranges. This document stated that only 100 lb. practice bombs were

used on targets No. 1 through No. 13. Additionally the document stated that no clearance certificate had ever been received by Victorville Army Air Field (see document F-12).

(6) A Headquarters Air Material Command document indicates the concern of declaring excess land surplus. The letter stated that when such ranges are declared surplus the commanding officer had the responsibility with resources at hand to police and decontaminate range lands (see document F-13).

(7) A second and final deduinding document from the War Department, Office of the Chief of Engineers stated that the 9800th TSU-CE Detachment #14, Bomb and Shell Disposal Team was assigned to clear the Victorville Bombing Targets. The former Victorville PBR #9 was included in this clearance operation which started on 7 July 1947 and completed on 18 October 1947. This final deduinding report stated the man-hours, costs, types and quantities of ordnance destroyed. The report stated, "All of the deduinded land covered by this report is suitable for grazing and/or mining only, with the possible exception of targets 8, 9 and 15 which are potential agricultural areas depending on adequate water supply". That statement indicates the Bomb and Shell Team, Commanding Officer was very positive that no hazardous ordnance was left on these targets (see document F-15).

c. Interviews With Site-Related Personnel

(1) Personal interviews were conducted with officials, local citizens and land managers to help in the investigation for the presence of ordnance and explosives (OE) on this site, and to gain further knowledge about the former Victorville PBR #9.

(2) Detective Bill Myers and Bob Hall from San Bernardino Sheriff's Department were shown a map of the Victorville PBR targets. They did not have any knowledge of ordnance being discovered on the subject site. They stated that they normally received 200 calls a year on military ordnance because of the large military presence in the area. They said most of the ordnance had been moved numerous times and thus could not say for sure where it was originally discovered (see document I-1).

(3) Mr. Bronson, supervisor for the Law Enforcement Rangers of the Bureau of Land Management, commented that when ordnance was found they notified Ft. Irwin EOD for removal actions. He did not pinpoint any specific areas with the exception that he thought ordnance items had been found near Target N-3 (see document I-2).

(4) Personnel from the U.S. Army EOD Team at Fort Irwin and the U.S. Air Force EOD Team at Edwards AFB were

also interviewed. They had no knowledge of any OE being discovered on any of the Victorville PBRs (see documents I-3 and I-4).

(5) Interviews from two former military personnel that were stationed at Victorville Flying School both stated that they had only seen 100 pound sand filled practice bombs dropped on the PBRs. However, they could not identify the specific targets (see documents I-5 and I-6).

(6) The only interviewee with any knowledge of the PBR #9 site was Mr. Dick Whitbeck. Mr. Whitbeck was a former Huntsville Corps of Engineers employee and he had written a report on the subject site. He said there were small pieces of scrap metal from M-38 practice bombs around the target center, however he did not see any energetic material (see document I-7).

5. Site Eligibility

a. **Confirmed Formerly Used Defense Sites**

(1) Former land usage of Victorville PBR #9 by the Department of Defense has been previously confirmed for this site (see document E-1).

(2) All information obtained during the archives search, site visit, and personal interviews has verified that the former Victorville PBR #9 is a confirmed site under the FUDS program.

b. **Potential Site for OE Project**

No potential FUDS sites were discovered during site inspection visit.

6. VISUAL SITE INSPECTION

a. **General Procedures and Safety**

(1) During the period of 26 to 30 January 1998 the site inspection (SI) team traveled Victorville California. Victorville is the closest city to the former site known as Victorville PBR #9. The primary task of the SI team was to assess the presence or potential presence of OE on the subject facility. The site inspection was limited to non-intrusive methods, i.e., subsurface sampling was neither authorized nor performed at this location.

(2) Traveling east on U.S. Highway 18 to Lucerne Valley can make access to the former site. Approximately two miles past the town of Lucerne Valley, U.S. Highway 247 intersects. At this intersection turn left and travel approximately eight miles north on Camp Rock Road. Shortly

after the road turns to gravel, a Bureau of Land Management sign designating the area open to off road use will be seen. The sign also marks the location of the Anderson Dry Lake bed. Using a compass travel due east for one and one-third mile to the approximate target center (see documents K-1 and L-1).

(3) Real Estate rights-of-entry were not necessary to gain entry to the former Victorville PBR #9. The Bureau of Land Management gave the SI team permission to enter the property at any time.

(4) A site safety plan was developed and utilized by the SI team to assure safety from injury to all personnel during the site inspection of this facility (reference B-2). A briefing was conducted prior to the inspection, at which time it was stressed military EOD personnel should only handle OE. During this on-site inspection, the site inspection team maintained site safety at all times.

(5) 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: Target Area

(1) This area is approximately in the center of the former Victorville PBR #9. The three concentric asphalt circles that denoted the bombing target were easily identifiable. The center of the target was marked with white crushed rock which still remains (see photograph J-1 and plate 4) Even after fifty years the asphalt was in fair condition. The asphalt lines that transect the circles were also evident (see photographs J-2, J-4 and plate 4).

(2) The SI team noted that the area has been used for off-road driving of motorcycles and all-terrain vehicles (see photograph J-3 and plate 4). Small amounts of trash had accumulated from this type of usage.

(3) The SI team further noted minor amounts of scrap metal generated from the original bombing operations with sand filled practice bombs. None of the OE debris was found containing energetic material.

(4) There were no craters discovered in the target area (see photograph J-5 and plate 4).

c. Area B: Buffer Area

(1) This area is comprised of the land immediately surrounding the Target Area. It was defined as an area due to its proximity to the target center.

(2) The SI team noted that the area has also been used for off-road driving of motorcycles and all-terrain vehicles (see photograph J-3 and plate 3). Small amounts of trash had accumulated from this type of usage. No ordnance related scrap was observed in this area (see photograph J-6 and plate 4).

(3) No craters or unusual features were noted in this area.

d. Area C: Remaining Land

The SI team walked over some of this area and drove a vehicle over much of the remainder of the area (see photograph J-7 and plates 3 and 4). No OE was discovered in any of this area. Like the two above areas, off-road vehicle tracks were evident.

7. EVALUATION OF ORDNANCE HAZARDS

a. General Procedures

(1) **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 local 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 site 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. **Area A is considered to have OE presence** although no live ordnance was discovered.

(2) **Potential** ordnance and explosive 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 are 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, use or disposal at that time and from records indicating known OE 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 (hearsay evidence). **Area B is considered to have potential OE presence.**

(3) **Untaminated** ordnance subsites are based on a lack of confirmed or potential ordnance evidence. All evidence found in historical records 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 are not needed to assess untaminated ordnance areas. **Area C is free of OE presence.**

b. Target Area (Area A)

(1) The **Target Area, Area A has confirmed ordnance presence.** The SI team walked all parts of Area A. The greatest part of the area was free of OE presence however; there were small quantities of non-energetic OE scrap at various intervals. The scrap was from M-38A2 sand filled practice bombs and also from the spotting signals associated with the bombs.

(2) While it is evident that this was the target, it is also evident that the great majority of any OE residue has been cleared off the target. There were no sightings of any craters from high explosive bombs or rockets and no live signals from the sand filled practice bombs.

c. Buffer Area: Area B

(1) The **Buffer Area, Area B may have potential ordnance presence** due to its proximity to Area A, the Target Area. There is a slight possibility of subsurface OE in this area.

(2) No craters or OE residue was observed in this area.

d. Remaining Land: Area C

(1) **Area C, Remaining Land is considered uncontaminated.** No ordnance or ordnance related scrap was discovered on this area. There was no evidence of any craters from ordnance impacts.

8. SITE ORDNANCE TECHNICAL DATA

a. End Item Technical Data

Table 8-1 has been developed for reference purposes only to establish a list of potential ordnance items and their explosive/chemical fillers that would have most likely been used at this of site. It is based upon knowledge of training doctrine, and available documentation (see documents D-1, D-2, D-3 and D-4).

TABLE 8-1 SUMMARY OF SITE-SPECIFIC ORDNANCE			
ITEM	MODEL/TYPE	FILLER/WEIGHT	FUZE
Practice Bomb 100 Pound	M-38A2	Sand/80 Pounds	None
Spotting Charge	M-1A1	Black Powder/3 Pounds	See document D-4

Note: Data is based on typical ammunition of the period. No live OE has ever been attributed to this site.

b. Chemical Data of Ordnance Fillers

Table 8-2 has been developed to provide information on some of those items listed on Table 8-1 (see document D-4).

TABLE 8-2 CHEMICAL DATA OF ORDNANCE FILLERS		
Filler	Synonym(s)	Chemical Formula
Black Powder 72% Sodium Nitrate 12% Sulfur 16% Charcoal	Salt Peter	NaNO ₃ S C

* Most Common Compounds Used.

9. OTHER ENVIRONMENTAL HAZARDS

No environmental hazards were noted.

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APPENDIX A

REFERENCE SOURCES

VICTORVILLE PRECISION BOMBING RANGE #9

REFERENCE SOURCES

The following organizations and personnel are acknowledged for their support.

Organization	Name	Telephone	Nature of Support
GOVERNMENT AGENCIES			
FEDERAL			
DEPARTMENT OF DEFENSE			
Defense Library on Disk Pentagon Library, Room 1A518 Washington, DC 20319-6000	Computer Search (DLOD)	(703) 697-4658	No relevant information found on this site.
Defense Technical Information Center 8725 John J. Kingman Rd Suite 0944 Fort Belvoir, VA 22060-6218	Computer Search (DTIC)	(703) 427-8274	No relevant information found on this site.
Department of Defense 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 DSN 287-2495	No relevant information found on this site.
Center of Military History Attn: DAMH-RAS 1099 14th St., NW Washington, DC 20536	Staff	(202) 504-5416	See Appendix B, Section II, Parts A and B
Defense Logistics Studies Information Exchange Fort Lee, VA 23801-6043	Computer Search (DLSIE)	(804) 734-4007	No relevant information found on this site.

REFERENCE SOURCES

The following organizations and personnel are acknowledged for their support.

Organization	Name	Telephone	Nature of Support
GOVERNMENT AGENCIES			
FEDERAL			
DEPARTMENT OF DEFENSE			
DEPARTMENT OF ARMY			
759th Ordnance Company Building 520 Fort Irwin, CA 92310	CPT Grimes 1SG Fortney SFC Woods	(760) 380-4092 DSN 470-4092	See Interview I-3.
IOC Historical Office Attn: AMSIO-EAH Building. 390 Rock Island, IL 61299	Tom Slattery	(309) 794-1450	No relevant information found on this site.
Rock Island Arsenal Museum Attn: SMCRI-PCA-M Building. 60 Rock Island, IL 61299	Chris Leinicke	(309) 794-5021	No relevant information found on this site.
U.S. Army CBDCOM Attn: AMSCB-CIH Aberdeen PG, MD 21010	Kathleen Ciolfi	(410) 679-4430	No relevant information found on this site.
U.S. Army Chemical School Fisher Library Building 1081 Fort McClellan, AL 36205	Richard Pastorett	(205) 848-4414	No relevant information found on this site.
U.S. Army Military History Institute Archive Branch Carlisle Barracks Carlisle, PA 17013	Richard Sommers	(717) 245-3601	No relevant information found on this site.

REFERENCE SOURCES

The following organizations and personnel are acknowledged for their support.

Organization	Name	Telephone	Nature of Support
GOVERNMENT AGENCIES			
FEDERAL			
DEPARTMENT OF DEFENSE			
DEPARTMENT OF ARMY			
U.S. Army Military History Institute Photo Archives Carlisle Barracks Carlisle, PA 17013	Mike Winey	(717) 245-3434	No relevant information found on this site.
U.S. Army Ordnance Museum Attn: ATSL-DOS-M Building 2601 Aberdeen PG, MD 21005-5201	Dr. Atwater Roger Godin	(410) 278-3602	No relevant information found on this site.
U.S. Army Technical Center for Explosives Safety Library Attn: SIOAC-ESM Savanna, IL 61074-9639	Chris Holiday	(815) 273-8772	No relevant information found on this site.
DEPARTMENT OF AIR FORCE			
95 CEG/CED 501 N. Rosamond Blvd. Edwards AFB, CA 93524	TSgt David Glinka	(805) 277-2162	See Interview I-4.
Air Force Historical Research Agency 600 Chennault Drive Maxwell AFB, AL 36112	Joe Caver	(334) 953-2395	No relevant information found on this site.
Air Force Historical Research Agency 600 Chennault Drive Maxwell AFB, AL 36112	IRIS System	(334) 953-2437	Five microfilm reels with Victorville information.

REFERENCE SOURCES

The following organizations and personnel are acknowledged for their support.

Organization	Name	Telephone	Nature of Support
GOVERNMENT AGENCIES			
FEDERAL			
DEPARTMENT OF DEFENSE			
DEPARTMENT OF AIR FORCE			
Air University Library 600 Chennault Circle Maxwell AFB, AL 36112	Leroy Bell	(334) 953-2888	No relevant information found on this site.
DEPARTMENT OF THE NAVY			
Marine Corps Historical Center Building 58 Washington Navy Yard Washington, DC 20374	Staff	(202) 433-3483	See Appendix B, Section II, Parts A AND B.
Naval Construction Battalion Center Attn: CODE 10H-NAVFAC Historian 1100 23rd Ave Port Hueneme, CA 93043	Dr. Vince Transano Carol Marsh	(805) 982-5913	No relevant information found on this site.
Naval Construction Battalion Center Technical Information Center Attn: Code 72 1100 23rd Ave Port Hueneme, CA 93043	Brian Thompson	(805) 982-1124	No relevant information found on this site.
Naval Construction Battalion Center Civil Engineering Support Office Attn: Code 15 1000 23rd Ave Port Hueneme, CA 93043	Mona Leon- Guerrero	(805) 982-3057	No relevant information found on this site.

REFERENCE SOURCES

The following organizations and personnel are acknowledged for their support.

Organization	Name	Telephone	Nature of Support
GOVERNMENT AGENCIES			
FEDERAL			
DEPARTMENT OF DEFENSE			
DEPARTMENT OF THE NAVY			
NAVEODTECDIV Technical Library 2008 Stump Neck Road Indianhead, MD 20640-5070	Betty Arbogast Dawn Risko	(301) 743-6834	No relevant information found on this site.
U. S. Marine Corps EOD Unit, MCAGCC 29 Palms, CA 92272	Maj. Allston	(760) 830-7215	No relevant information found on this site.
Washington Navy Yard Operational Archives Building 57 Washington, DC 20374	Staff	(202) 433-3171	See Appendix B, Section II, Parts A and B
NATIONAL RECORDS AND ARCHIVES ADMINISTRATION (NARA)			
NARA-Archives I (Modern Military) Pennsylvania Ave & 7th St. Washington, DC 20408	Staff	(202) 501-5385	See Appendix B, Section II, Parts A and B
NARA-Archives I (Navy) Pennsylvania Ave & 7th St. Washington, DC 20408	Staff	(202) 501-5671	See Appendix B, Section II, Parts A and B

REFERENCE SOURCES

The following organizations and personnel are acknowledged for their support.

Organization	Name	Telephone	Nature of Support
GOVERNMENT AGENCIES			
FEDERAL			
NATIONAL RECORDS AND ARCHIVES ADMINISTRATION (NARA)			
NARA-Archives I (Old Military) Pennsylvania Ave & 7th St. Washington, DC 20408	Staff	(202) 501-5390	See Appendix B, Section II, Parts A and B
NARA-Archives II (Cartographic & Architectural Branch) 8601 Adelphi Rd College Park, MD 20740	Staff	(301) 713-7040	See Appendix B, Section II, Parts A and B
NARA-Archives II (Civil Reference Branch) 8601 Adelphi Rd College Park, MD 20740	Staff	(301) 713-7250	See Appendix B, Section II, Parts A and B
NARA-Archives II (Motion Picture Branch) 8601 Adelphi Rd College Park, MD 20740	Staff	(301) 713-7060	See Appendix B, Section II, Parts A and B
NARA-Archives II (Still Picture Branch) 8601 Adelphi Rd College Park, MD 20740	Staff	(301) 713-6660	See Appendix B, Section II, Parts A and B
NARA-Archives II (Textual Reference Branch) 8601 Adelphi Rd College Park, MD 20740	Staff	(301) 713-7250	See Appendix B, Section II, Parts A and B.

REFERENCE SOURCES

The following organizations and personnel are acknowledged for their support.

Organization	Name	Telephone	Nature of Support
GOVERNMENT AGENCIES			
FEDERAL			
NATIONAL RECORDS AND ARCHIVES ADMINISTRATION (NARA)			
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 Personnel Records Center (Military Personnel Records) 9700 Page Ave St. Louis, MO 63132-5100	Wilson Sullivan	(314) 538-4085	See Appendix B, Section II, Parts A and B
Washington National Records Center 4205 Suitland Rd Suitland, MD 20409	Staff	(301) 457-7000	See Appendix B, Section II, Parts A and B
CONGRESS			
Library of Congress Geography and Map Division Washington, DC 20536	Staff	(202) 707-5522	See Appendix B, Section II, Parts A and B
SMITHSONIAN INSTITUTE			
Smithsonian National Air & Space Museum Historical Research Div. Washington, DC 20560	Staff	(202) 357-3133	See Appendix B, Section II, Parts A and B

REFERENCE SOURCES

The following organizations and personnel are acknowledged for their support.

Organization	Name	Telephone	Nature of Support
GOVERNMENT AGENCIES			
FEDERAL			
DEPARTMENT OF AGRICULTURE			
Consolidated Farm Service Agency 44811 Date Avenue West Lancaster, CA 93534	Doug Brand Holleen	(805) 942-9549	No relevant information found on this site.
Natural Resource Conservation Service 18484 Highway 18, Suite 195 Apple Valley, CA 92307	Jackie Lindgren Rick Aguayo	(760) 242-2906	Received soil information.
Natural Resources Conservation Service P.O. Box 788115 Building 1456, Griffin Road Twenty-nine Palms, CA 92278	John Rule	(760) 830-7011	No relevant information found on this site.
USDA, Aerial Photography Field Office P.O. Box 30010 2222 West 2300 South Salt Lake City, UT 84131-0010	Sherrie Holyoak	(801) 975-3503	Received aerial photographs.
DEPARTMENT OF COMMERCE			
NOAA Air Force Weather Service 151 Patton Avenue, Room 120 Ashville, NC 28801	Janet Wall	(704) 271-4404	Local climatological data provided for California sites that are close to the area.
NOAA National Climatic Data Center Federal Building	Sam McCowan Yolanda Goosch	(704) 271-4272	Received climatic data.

REFERENCE SOURCES

The following organizations and personnel are acknowledged for their support.

Organization	Name	Telephone	Nature of Support
GOVERNMENT AGENCIES			
FEDERAL			
DEPARTMENT OF INTERIOR			
Bureau of Land Management 6221 Box Springs Blvd. Riverside, CA 92507	John Keyes	(909) 697-5383	No relevant information found on this site.
Bureau of Land Management Barstow Resource Area 150 Coolwater Lane Barstow, CA 92311	Tim Reab	(619) 255-8700	No relevant information found on this site.
Bureau of Land Management Barstow Field Office 150 Coolwater Lane Barstow, CA 92311	Jerry Bronson	(760) 252-6075	See Interview I-2.
U.S. Fish and Wildlife Service Ecological Services 2493 Portola Road, Suite B Ventura, CA 93003	Ray Branfield	(805) 644-1766 www.dfg.ca.gov	Endangered/Threatened Species.
U.S. Geological Survey, (ESIC) Box 25046, Bldg. 810 Denver Federal Center Denver, CO 80225	Paula Erickson Steve Reiter	(303) 202-4200 Fax 202-4188	No relevant information found on this site.
U.S. Geological Survey Denver Federal Center P.O. Box 25286 Denver, CO 80225	Roger Compton	(303) 202-4700	7.5 topographic quad maps.

REFERENCE SOURCES

The following organizations and personnel are acknowledged for their support.

Organization	Name	Telephone	Nature of Support
GOVERNMENT AGENCIES			
STATE			
California State Archives 1020 East O St. Sacramento, CA 92415	Mr. Metzger	(916) 653-2246	No relevant information found on this site.
California SHPO San Bernardino Archaeological Information Center 2024 Orange Tree Lane Redland, CA 92374	Robin Laska	(909) 792-1497	Information on historical, cultural and/or archaeological resources located on site.
California State Library California History Section 914 Capitol Hall Library and Courts Bldg. Sacramento, CA 94237	John Gonzales Sybylle Zemitis	(916) 654-0176	No relevant information found on this site.
California State Library Government Documents Section 914 Capitol Hall Library and Courts Bldg. Sacramento, CA 94237-0001	Brent Murphy	(916) 654-0069	No relevant information found on this site.
California State University, San Bernardino Library 5500 University Parkway San Bernardino, CA 92407	Reference Librarian	(909) 880-5084 Fax 880-7084	No relevant information found on this site.
State of California Department of Fish and Game 1416 9th Street Sacramento, CA 95814	Internet	www.dfg.ca.gov	Endangered species information.

REFERENCE SOURCES

The following organizations and personnel are acknowledged for their support.

Organization	Name	Telephone	Nature of Support
GOVERNMENT AGENCIES			
STATE			
University of California P.O. Box 19557 Irvine, CA 92110	Reference Desk	(714) 824-6836	No relevant information found on this site.
University of California Government Documents Dept. P.O. Box 19557 Irvine, CA 92110	Jeff Schneidewind Kay Collins	(714) 824-7234	No relevant information found on this site.
University of California Government Documents Department. P.O. Box 19557 Irvine, CA 92110	Jeff Schneidewind Kay Collins	(714) 824-7234	No relevant information found on this site.
University of California Archives P.O. Box 19557 Irvine, CA 92713	Mary Ellen Goddard	(714) 824-7193	No relevant information found on this site.
San Bernardino County Archives 777 East Rialto Ave San Bernardino, CA 92415	Jim Hoffer	(909) 387-2030	No relevant information found on this site.
San Bernardino County Assessor 172 West 3rd St. San Bernardino, CA 92415	Maureen	(909) 387-8307	Tax records and ownership information.
San Bernardino County Flood Control 825 East 3rd St. San Bernardino, CA 92415	Gary Duncan	(909) 387-2529	Received aerial photograph from 1953.

REFERENCE SOURCES

The following organizations and personnel are acknowledged for their support.

Organization	Name	Telephone	Nature of Support
GOVERNMENT AGENCIES			
STATE			
San Bernardino County Library Victorville Branch 15011 Circle Drive Victorville, CA 92392	Mr. Booker	(619) 245-4222	No relevant information found on this site.
San Bernardino County Library Lucerne Valley Branch 33103 Old Woman Springs Rd Lucerne Valley, CA 92356	Staff	(619) 248-7521	No relevant information found on this site.
San Bernardino County Museum 2024 Orange Tree Lane Redlands, CA 92374	Robin Laska Noella Benvenuti	(909) 798-8570	No relevant information found on this site.
San Bernardino County Planning 385 North Arrowhead Ave San Bernardino, CA 92415	Marla Taub	(909) 387-4131	Land use and hazard information.
San Bernardino County Sheriff's Department Barstow Station 225 E Mountainview Barstow, CA 92311	SGT. Jecusco	(760) 256-4841	Gave referral to Ft. Irwin and the San Bernardino County Bomb Squad.
San Bernardino County Sheriff and Bomb Squad 655 East 3rd St. San Bernardino, CA 92415	Tom Alsky Bill Myers Bob Hall	(909) 387-3598	See Interview I-1
San Bernardino Public Library 555 West 6th St. San Bernardino, CA 92415	Chris Shovey	(909) 381-8208	No relevant information found on this site.

REFERENCE SOURCES

The following organizations and personnel are acknowledged for their support.

Organization	Name	Telephone	Nature of Support
NON-GOVERNMENT AGENCIES			
NATIONAL			
Coast Defense Study Group, Inc. 731 Baltimore Pike Bel Air, MD 21014	Publication		No relevant information found on this site.
Council on America's Past 518 Why Worry Lane Phoenix, AZ 85021	Heliogram Publication	(800) 396-4693	No relevant information found on this site.
Knight-Ridder Information Inc. 2440 El Camino Mountain View, CA 94040	Computer Search (DIALOG)	(800) 334-2564	No relevant information found on this site.
Northern Illinois Library System 4034 East State St. Rockford, IL 61108	Computer Search (NILS)	(815) 229-0330	No relevant information found on this site.
On-line Computer Library Center 6565 Frantz Rd Dublin, OH 43017-3395	Computer Search (OCLC)	(800) 848-5878	No relevant information found on this site.
Scientific & Tech Info Library System 689 Discovery Drive Huntsville, AL 35806	Computer Search (STILAS)	(205) 922-9820	No relevant information found on this site.
California Historical Society 678 Mission Street San Francisco, CA 94105	Beth Graham	(415) 357-1848	No relevant information found on this site.

REFERENCE SOURCES

The following organizations and personnel are acknowledged for their support.

Organization	Name	Telephone	Nature of Support
NON-GOVERNMENT AGENCIES			
LOCAL			
Mojave Historical Society P.O. Box 68 Victorville, CA 92392			No relevant information found on this site.
San Bernardino Visitor and Convention Bureau 201 North E. Street San Bernardino, CA 93063	Staff	(909) 889-8937	No relevant information found on this site.
Victorville Chamber of Commerce 14174 Greentree Boulevard Victorville, CA 92392	Sally Martinez	(760) 245-6506	No relevant information found on this site.
Victorville Museum 11873 Apple Valley Rd Apple Valley, CA 92307	Walter Day Wayne Fowlie	(619) 240-2111	No relevant information found on this site.
PRIVATE INDIVIDUALS			
16271 Green Hill Drive Victorville, CA 92308	Dick Whitbeck	(619) 245-5663	See Interview I-7
40 Oak Shadows Court Baltimore, MD 21228	Owen Cooper	(410) 747-5991	See Interview I-6
3109 N. Glenvalley Drive Midwest City, OK 73110	Glenn Brooks	(405) 732-8877	See Interview I-5

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
FOR
THE FORMER
VICTORVILLE PBR #9
BARSTOW, CALIFORNIA
PROJECT NUMBER J09CA069401

APPENDIX B

REFERENCES AND ABSTRACTS

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SECTION II

National Capitol Register Archives Search

Part A: Positive Findings

Part B: Negative Findings

SECTION III

Regional National Archives Search

Part A: Positive Findings

Part B: Negative Findings

APPENDIX B

REFERENCES AND/OR ABSTRACTS

B-1. U.S. Army Corps of Engineers, "Rock Island District, Site Safety Plan", 25 June 1992, with Appendix A-209, 6 January 1998.

B-2. U.S. Army Corps of Engineers, Huntsville Division, CEHND 1105-3-9, "OE Management Plan", 10 August 1992.

B-3. U.S. Army Corps Of Engineers, Rock Island District, "OE Management Plan", 10 March 1995.

B-4. U.S. Department of Army, "Environmental Protection and Enhancement", AR-200-1, 23 April 1990.

B-5. U.S. Army Corps of Engineers, Los Angeles District, CESPL-ED-MI, "Findings and Determination of Eligibility", for DERP-FUDS Site No. J09CA069400, 19 December 1991 (see document E-1).

B-6. U.S. Department of Commerce, National Climatic Center, Pamphlet, "Climate of California", June 1982

B-7. U.S. Department of Agriculture, Natural Resource Conservation Service, "Soil Survey of San Bernardino County California, Mojave River Area", 1978.

B-8. U.S. Department of Agriculture, Natural Resource Conservation Service, "General Soils Report of San Bernardino County", 1970 (see document E-2).

B-9. U.S. Department of Interior, Fish and Wildlife Service, "Species List for Specified Areas near Victorville...", Diane Noda, 30 January 1996 (see document F-1).

B-10. U.S. Department of Interior, Fish and Wildlife Service, "Listed Species in San Bernardino County", 23 September 1996 (see document F-2).

B-11. San Bernardino County Museum, "California

Archaeological Inventory", 11 November 1997 (see document F-3).

B-12. U.S. Geological Survey, San Bernardino County, SW/4 Fry Mountain CA, 7.5' Quadrangle, Provisional Edition 1992

B-13. U.S. Geological Survey, San Bernardino County, SW/4 Grand View Mine, CA, 7.5' Quadrangle, Provisional Edition, 1993

B-14. Delorme, Street Atlas USA, version 4.0" Site Location PBR #9, 1996 (see document L-1).

B-15. Department of Army, Map, "Final Project Ownership Map", 12 December 1947 (see document L-2).

B-16. Department of Army, Map, "Victorville Army Air Field Bombing Ranges", 19 September 1945, NPRC, ACC 18-44-A6005, Box 04-35-74-1-5 (see document L-3).

B-17. Department of Army, Technical Manual, TM-9-1904 Ammunition Inspection Guide, March 1944 (see document D-1).

B-18. Department of Army, Document, Historical Record of Victorville Army Airfield, 8 December 1941 to 1 January 1943, AFHRA, Call #289.40-2, IRIS 00179290 (see document F-4).

B-19. United States Engineer Office, Document, Victorville Army Flying School, "Bombing Targets...", 13 April 1942, NPRC, RG 342, Acc 342-53-4077, Loc 06-23-58-9-3 (see document F-5).

B-20. Headquarters Air Corps Flying School, Document, "Information Pertaining to Bombing Ranges...", 13 February 1942, NPRC, RG 342, Acc 342-53-4077, Loc 06-23-58-9-3 (see document F-6).

B-21. Secretary of Interior, Document, Public Land Order 125, NARA, Pacific Southwest Region, RG 270, BX 162 (see document F-7).

B-22. Headquarters Air Corps Flying School, Document, "Abandonment of Target No. 9", 13 April 1945, NPRC, RG 342, Acc 342-53-4077, Loc 06-23-58-9-3 (see document F-8).

B-23. War Department, Document, "Abandonment of Targets 6, 9, and...", 11 June 1945, NARA, Pacific Region Laguna Niguel, RG77, Acc, 077-64J0445, BX 48 (see document F-9).

B-24. Headquarters 9th Service Command, Document, "Dedudding", 1 August 1945, NARA, Pacific Region Laguna Niguel, RG77, Acc, 077-64J0445, BX 48 (see document F-10).

B-25. Department of Army, Document, "Declaration of Excess, Auxiliary Installations...", 28 December 1945, NARA, Pacific Region Laguna Niguel, RG77, Acc, 077-64J0445, BX 48 (see document F-11).

B-26. Department of Army, Document, "Questionnaire Relative to Bombing Targets", 27 August 1946, NPRC, RG 342, Acc 342-53-4077, Loc 06-23-58-9-3 (see document F-12).

B-27. Army Air Forces, Headquarters Air Materiel Command, Document, "Decontamination of Bombing and Gunnery Ranges", 10 October 1946, NPRC, RG 342, Acc 342-53-4077, Loc 06-23-58-9-3 (see document F-13)

B-28. Department of Army, Chief Appraiser, Document, "Short Form Appraisal", 3 February 1947, NARA Pacific Region, San Bruno, RG 121, Acc #9NSS-121-85-001, Bx 46 (see document F-14).

B-29. War Department, Document, "Dedudding Report", 20 October 1947, NARA Pacific Southwest Region, RG 270, Bx 162 (see document F-15).

B-30. U.S. Department of Agriculture, Aerial Photograph, VV FS M71 AMS 145, 18 December 1954 (see document K-1).

B-31. San Bernardino County Tax Assessor, Document, Tax, 1997 (see document G-2)

B-32. South Pacific Division, Corps of Engineers, "Real Property Management and Disposition", 1 January 1948, NARA Pacific Southwest Region, RG 270, Bx 162 (see document G-1).

B-33. Ordnance Corps, Drawing, 82-3-13, Bomb Practice, 100LB, M-38A2, Metal Parts Assembly and Marking Diagram, 23 September 1955 (see document D-2).

B-34. Ordnance Corps, Drawing, 82-0-23, Bomb Practice,

100LB, M-38A2, Complete Assembly, 10 August 1955 (see document D-3).

B-35. Ordnance Corps, Drawing, 82-3-228, Charge, Spotting Assembly, M1A1, (Black Powder), and Details for M1A1, M3 and M4, 4 June 1956 (see document D-4).

B-36. United States Geological Survey, "Ground Water Atlas of the United States - Segment 1 California Nevada", 19 February 1998 (see document F-16).

SECTION II

NATIONAL CAPITAL REGION ARCHIVES FINDINGS

PART A

POSITIVE FINDINGS

VICTORVILLE PRECISION BOMBING RANGE NO. 9, CA

SECTION II
NATIONAL CAPITAL REGION ARCHIVES FINDINGS
PART A
POSITIVE FINDINGS

VIVTORVILLE PRECISION BOMBING RANGE NO. 9, CA

Also Researched Under Barstow, CA; San Bernardino County CA; Victorville Army Airfield; and George Air Force Base.

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Microfilm Collection

Rolls B2647 thru B2649

Comprehensive History of Victorville Air Force Base, Victorville, California, 1 November 1945 -31 December 1948

Rolls B2647 thru B2649

Historical Record of Victorville Army Airfield, Victorville, California, From 1 January 1939 to 7 December 1941

Rolls B2647 thru B2649

Historical Record of Victorville Army Airfield, Victorville, California, From 1 March 1944 to 30 April 1944

Rolls B2647 thru B2649

Historical Record of 3035th A.A.F. Base Unit, Victorville Army Airfield, Victorville, California, From 1 May 1944 to 30 June 1944

Rolls B2647 thru B2649

Historical Record of Victorville Army Airfield, Victorville, California, 1 November 1944 to 31 December 1944

Rolls B2647 thru B2649

Historical Record of Victorville Army Airfield, Victorville, California, From 1 January 1943 to 1 March 1944

Rolls B2647 thru B2649

Historical Record of Victorville Army Airfield, Victorville, California, From 8 December 1941 to 1 January 1943

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Vol. XII (T-Z)
Victorville, CA

***NARA - ARCHIVES II - TEXTUAL BRANCH
COLLEGE PARK, MD***

RG 18 (Records of the Army Air Corps)

Entry 1: Security Classified File, 1944 - 1948
Box 288

Correspondence Relative to Proposed Additional Facilities Construction,
Victorville Army Airfield, 7 November - 13 December 1944

Entry 1: Security Classified File, 1944 - 1948
Box 289

Tentative List of Stations for Planning on the Installation of Instruments
Approach Systems, Army Air Forces Training Command

Entry 1: Security Classified File, 1944 - 1948
Box 290

Correspondence Relative to Abandonment of PBR Nos. 6, 9 and 15,
Including Detailed Location data, 12 April - 7 June 1945

Entry 1: Security Classified File, 1944 - 1948
Box 292

Non-Use Report, Victorville Army Airfield, Including Detailed List of
Facilities and Real Estate Data on Bombing Ranges, 1 October 1945

Entry 1: Security Classified Decimal File, 1944 - 1948
Box 558

Rolled Map, Army Air Forces Bombing and Gunnery Ranges within the
Continental United States, 1 May 1945

Entry 2: Air Adjutant General's Unclassified Decimal File, 1944 - 1946
Box 2247

Memoranda Relative to Policy Regarding Decontamination of Bombing
and Gunnery Ranges, 9 August - 19 September 1946

VICTORVILLE PRECISION BOMBING RANGE NO. 9, CA

Entry 2: Air Adjutant General's Unclassified Decimal File, 1944 - 1946
Box 2247

Memorandum Relative to Proposed Assignment of Victorville Precision
Bombing Ranges to Fourth Air Force, 6 February 1946

Entry 2: Air Adjutant General's Unclassified Decimal File, 1944 - 1946
Box 2248

Memorandum Relative to Bombing Range Status and Requirements,
Victorville Army Airfield, 20 June 1944

Entry 2: Air Adjutant General's Unclassified Decimal File, 1944 - 1946
Box 2281

Correspondence Relative to Status of Victorville Army Airfield,
18 September - 4 October 1945

Entry 2: Air Adjutant General's Unclassified Decimal File, 1944 - 1946
Box 2281

Memoranda Relative to Proposed Hangar Modifications, Victorville Army
Airfield, 30 March - 21 May 1945

Entry 2: Air Adjutant General's Unclassified Decimal File, 1944 - 1946
Box 2281

Memoranda Relative to Proposed Installation of Type E-1 Sonic Bomb
Scoring Targets, Victorville Army Airfield, 27 March - 16 April 1945

Entry 2: Air Adjutant General's Unclassified Decimal File, 1944 - 1946
Box 2795

Correspondence Relative to Army Air Force Installation in California,
Washington, and Oregon, Victorville Bombing Ranges

Entry 2: Air Adjutant General's Unclassified Decimal File, 1944 - 1946
Box 2798

Memoranda Relative to Declaration of Victorville Army Airfield as
Excess Leased Property, 26 December 1946 - 18 February 1947

Entry 2: Air Adjutant General's Unclassified Decimal File, 1944 - 1946
Box 2798

Memoranda Relative to Real Property Disposal, Victorville Army
Airfield, 5 June - 21 November 1947

Entry 292: Air Adjutant General's Unclassified Central Decimal File, Oct 1942 -
1944

Box 1592

Rolled Map, Bombing Range Target, V.A.F.S., Victorville, CA

VICTORVILLE PRECISION BOMBING RANGE NO. 9, CA

Entry 292: Air Adjutant General's Unclassified Central Decimal File, Oct 1942 - 1944

Box 1592

Correspondence Relative to Bombing and Gunnery Range Requirements, Victorville Army Airfield, 6 October - 13 November 1943

Entry 292: Air Adjutant General's Unclassified Central Decimal File, Oct 1942 - 1944

Box 1641

Range Data, Victorville Army Airfield

Entry 294: Air Adjutant General's Security Classified Decimal File, Oct 1942 - 1944

Box 785

Real Property Utilization Report, Victorville Army Airfield, 2 August 1944

Entry 294: Air Adjutant General's Security Classified Decimal File, Oct 1942 - 1944

Box 785

Real Property Utilization Report, Victorville Army Airfield, 4 September 1944

Entry 294: Air Adjutant General's Security Classified Decimal File, Oct 1942 - 1944

Box 873

List, Post War Air Force Training Installations, Victorville Army Airfield

Entry 295: Correspondence Relating to Airfields, 1939 - 1942

Box 1834

Memoranda Relative to Acquisition of Government Owned Land for Victorville Flying School Bombing Ranges, 3 February - 14 March 1942

Entry 295: Correspondence Relating to Airfields, 1939 - 1942

Box 1834

Memoranda Relative to Real Estate Acquisition and Construction Funding, Victorville Flying School Bombing Ranges, 20 January - 12 February 1942

Entry 295: Correspondence Relating to Airfields, 1939 - 1942

Box 1835

Correspondence Relative to Real Estate Acquisition, Victorville Army Flying School Bombing Ranges, 23 June - 19 August 1942

VICTORVILLE PRECISION BOMBING RANGE NO. 9, CA

RG 48 (Records of the Office of the Secretary of the Interior)

Entry 749B: Central Classified Correspondence, 1937 - 1953

Box 3220

Letter Relative to Real Estate Acquisition, Victorville Precision Bombing Range No. 9, 21 April 1943

Entry 749B: Central Classified Correspondence, 1937 - 1953

Box 3220

Proposed Public Order Withdrawing Public Land for Use by War Department as Bombing Target Sites, Victorville Precision Bombing Ranges, 24 April 1943

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

Entry 1011: Security Classified Subject Files, 1940 - 1945

Box 855

Correspondence and Report Relative to Additional Facilities Construction, Victorville Army Airfield, 6 October 1944 - 31 March 1945

Entry 1011: Security Classified Subject Files, 1940 - 1945

Box 855

Memorandum Relative to Declaration of Victorville Bomb Target No. 9 as Excess, 1948

Entry 1011: Security Classified Subject Files, 1940 - 1945

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Contract Documents, Victorville Military Airport Bombing Target Construction, 31 December 1941 - 5 March 1942

Entry 1023: General Correspondence Relating to Airfields, Part II, Progress Reports, 1940 - 1945

Box 69

Construction Program at Air Corps Stations, Advanced Twin Engine School, Victorville, California, 1 - 15 June 1941

Entry 1023: General Correspondence Relating to Airfields, Part II, Progress Reports, 1940 - 1945

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Construction Program at Air Corps Stations, Advanced Twin Engine School, Victorville, California, 15 September 1941

VICTORVILLE PRECISION BOMING RANGE NO. 9, CA

Entry 1023: General Correspondence Relating to Airfields, Part II, Progress Reports, 1940 - 1945

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Construction Program at Air Corps Stations, Advanced Twin Engine School, Victorville, California, 30 September 1941

Entry 1023: General Correspondence Relating to Airfields, Part II, Progress Reports, 1940 -1945

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Construction Program at Air Corps Stations, Advanced Twin Engine Flying School - Victorville, California, 31 October 1941

Entry 1023: General Correspondence Relating to Airfields, Part II, Progress Reports, 1940 -1945

Box 105

Construction Program at Air Corps Stations, Advanced Twin Engine Flying School - Victorville, California, 31 January 1942

RG 107 (Records of the Office of the Secretary of War)

Entry 102: Office, Administrative Assistant to the Secretary of War, Project Decimal File, 1943 - 1946

Box 133

Correspondence Relative to Real Estate Acquisition, Victorville Army Airfield, 9 - 27 April 1943

RG 160 (Records of the Army Service Forces)

Entry 27: Mobilization Division, Command Installation, Correspondence File, 1942 - 1946

Box 19

Draft Circular, "Neutralization of Unexploded Ammunition and Duds"

RG 341 (Records of Headquarters U.S. Air Force)

Entry 494: Correspondence Regarding AF Real Estate Facilities, 1948 - 1955

Box 46

Correspondence Relative to Status of Victorville Air Force Base, 29 October - 12 November 1948

Entry 494: Correspondence Regarding AF Real Estate Facilities, 1948 - 1955

Box 46

Letter, Relative to Proposed Reactivation, Victorville Air Force Base, 18 - 25 October 1948

VICTORVILLE PRECISION BOMBING RANGE NO. 9, CA

Entry 494: Correspondence Regarding AF Real Estate Facilities, 1948 - 1955

Box 46

Letters Relative to Status, Victorville Air Force Base, 19 April - 7 May
1948

RG 429 (Records of the Organizations in the Executive Office of the President)

Entry 12: Central Real Property Surveys

Box 47

Department of Defense Installation Survey Report, George Air Force
Base, Victorville, California, 24 October 1973

***U.S. ARMY CORPS OF ENGINEERS - OFFICE OF HISTORY
ALEXANDRIA, VA***

Real Estate Records

Realty Control File Summary Sheet

Victorville Precision Bombing Range No. 9

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NATIONAL CAPITAL REGION ARCHIVES FINDINGS

PART B

NEGATIVE FINDINGS

VICTORVILLE PRECISION BOMBING RANGE NO. 9, CA

SECTION II
NATIONAL CAPITAL REGION ARCHIVES FINDINGS
PART B
NEGATIVE FINDINGS

VICTORVILLE PRECISION BOMBING RANGE NO. 9, CA

Also Researched Under Barstow, CA; San Bernardino County, CA; Victorville Army Airfield; and George Air Force Base.

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Historical Data Cards
Posts, Camps, and Stations File

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US Department of the Interior, Geological Surveys

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Divisional Catalogs
Geographic Catalogs
Habs/Haer
Stereographic Catalogs
Subject Catalogs
Videodisk Collection

***NARA - ARCHIVES I
WASHINGTON, DC***

RG 49 (Records of the Bureau of Land Management)
Entry: Land Entry Papers

RG 69 (Records of the Works Progress Administration)
Entry 62: Central Decimal Files, 1935 - 1944

RG 77 (Records of the Office of the Chief of Engineers)
Entry 391: Construction Completion Reports, 1917 - 1943
Entry 393: "Historical Record of Buildings" and "Record of Equipment and Condition of Buildings" at Active Army Posts, 1905 - 1942

VICTORVILLE PRECISION BOMBING RANGE NO. 9, CA

RG 153 (Records of the Office of the Judge Advocate General)

Entry: Reservations File, 1800 - 1950

RG 156 (Records of the Office of the Chief of Ordnance)

Entry 36: General Correspondence, 1915 - 1941

RG 162 (Records of the Federal Works Agency)

Entry 21: Records of the War Public Works Program, 1941 - 1949

RG 175 (Records of the Chemical Warfare Service)

Entry 1: Central Correspondence Files, 1918 - October 1942

Entry 4: Security and Confidential Central Correspondence Files, 1918 - 1942

RG 394 (Records of US Army Continental Commands, 1920 - 1942)

Entry: 9th Corps Area, Office of the Engineer

***NARA - ARCHIVES II - TEXTUAL BRANCH
COLLEGE PARK, MD***

RG 16 (Records of the Department of Agriculture)

Entry 17: General Correspondence of the Office of the Secretary of Agriculture, 1906 - 1975

RG 18 (Records of the Army Air Corps)

Entry 46: The Air Inspector, Decimal File, 1945 - 1947

Entry 293: Security Classified Central Decimal File, 1939 - 1942, Bulkies

Entry 293: Security Classified Central Decimal Files, 1939 - 1942, Series I

Entry 293: Security Classified Central Decimal Files, 1939 - 1942, Series II

RG 30 (Record of the Bureau of Public Roads)

Entry 54: Highway Traffic Advisory Committee to the War Department, 1941 - 1945

RG 57 (Records of the United States Geological Survey)

Entry 27: Correspondence and Related Records, 1906 - 1945

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

Entry 106B: General Correspondence, 1918 - 1945

Entry 1014: General Correspondence with Divisions, 1941 - 1945

Entry 1015: General Correspondence with Districts, 1941 - 1945

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

Entry 1892: Classified Geographic File, 1936 - 1945

Entry 1892A: General Correspondence (Geographic File), 1936 - 1945

Entry 1892B: General Correspondence (Geographic File), 1946 - 1948

VICTORVILLE PRECISION BOMBING RANGE NO. 9, CA

RG 96 (Records of the Farmers Home Administration)

Entry 3: Correspondence Relating to Participation in the Defense Program, 1940 - 1942

RG 107 (Records of the Office of the Secretary of War)

Entry 108: Secretary of the Army (Patterson), Central Decimal File, 1946 - 1947

Entry 110: Office, Administrative Assistant to the Secretary of War, Decimal File, February 1946 - June 1947

Entry 127: Office, Special Consultant to the Secretary of War, John D. Russell's File, 1942 - January 1946

Entry 159: Special Assistant for Construction, M. J. Madigan, Projects, 1940 - 1945

Entry 211: Office, Assistant Secretary of War for Air, Establishment of Airfields and Airbases, 1940 - 1945

Entry 212: Establishment of Airfields and Airbases, 1941 - 1945

Entry 213: Office, Assistant Secretary of War for Air, Robert A. Lovett, Decimal File, 1940 - 1946

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

Entry 1036B: Historical Files, 1908 - 1962

RG 112 (Records of the Office of the Surgeon General)

Entry 31: Geographic Series, 1938 - 1942

Entry 32: Geographic Series (Formerly Security Classified), 1938 - 1941

RG 115 (Records of the Bureau of Reclamation)

Entry 7: General Administrative and Program Files, 1919 - 1945

RG 159 (Records of the Office of the Inspector General)

Entry 26D: General Correspondence, 1939 - 1947

Entry 26E: General Correspondence (Confidential), 1939 - 1947

RG 160 (Records of Headquarters, Army Service Forces)

Entry 25: Director, Plans and Operations, Liaison and Control Branch, Subject File, 1942 - 1944

Entry 138: Readjustment Division, Central Decimal Files, 1943 - 1944

Entry 139: Readjustment Division, Central Decimal Files, March 1943 - 1946

VICTORVILLE PRECISION BOMBING RANGE NO. 9, CA

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

Entry 258: Reports and Correspondence Relating to the Construction, Utilization, and Disposal of Army Installations, 1944 - 1947

Entry 484D: Federal Works Agency Project Files, 1940 - 1946

Entry 484E: Security Classified Federal Works Agency Project Files, 1942 - 1945

Entry 484G: Federal Agencies Branch, Airport Development Project Files, 1940 - 1942

Entry 484K: Civil Aeronautics Administration Airport Development Program, 1940 - 1945

RG 168 (Records of the National Guard Bureau)

Entry 344: State Decimal File, 1922 - 1945

Entry 348: State Guard, State File, 1941 - 1949

RG 175 (Records of the Chemical Warfare Service)

Entry 2A: General Correspondence, 1942 - 1947

Entry 4A: Security Classified Correspondence, 1942 - 1945

RG 197 (Records of the Civil Aeronautics Board)

Entry 56B: Records Relative to Legislation, 1946 - 1954

RG 218 (Records of Joint Chiefs of Staff)

Entry: Series 1942 - 1959 (Geographic Files)

RG 250 (Records of the Office of War Mobilization and Reconversion)

Entry 73: Federal Construction Projects, August - October 1946

RG 269 (General Records of the General Services Administration)

Entry 62: Real Property Disposal Case Files, 1945 - 1953

RG 270 (Records of the War Assets Administration)

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RG 336 (Records of the Office of the Chief of Transportation)

Entry: Historical Program Files, 1940 - 1950

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RG 337 (Records of Headquarters, Army Ground Forces)

Entry 16A: General Staff, G-3 Section, Administrative Division, Subject Correspondence File, 1942 - 1947, Uniform and equipment to Western Defense Command

Entry 25: Army Field Forces, Headquarters, General Staff, G-3 Operations Group, Organization and Equipment Division, General decimal File, 1943 - 1948

Entry 55A: Ground Adjutant General Section, Records Division, Project Decimal File, March 10, 1942 - 1943, 1946 - 1947

Entry 57: General Headquarters, US Army Special Staff

Entry 57A: General Headquarters, US Army Project Files, 1940 - 1942

RG 338 (Records of US Army Commands, 1942 -)

Entry: Ninth Service Command

Entry: Posts, Camps, and Stations

Entry: Western Defense Command

RG 340 (Records of the Office of the Secretary of the Air Force)

Entry 53: Air Coordinating Committee, General File, 1944 - 1950

RG 341 (Records of Headquarters, US Air Force)

Entry 336: Plans, Central Decimal File, 1942 - 1954

RG 342 (Records of US Air Force Commands, Activities, and Organizations)

Entry: "Sarah Clarke" Decimal Correspondence File

RG 407 (Records of the Adjutant General's Office, 1917 -)

Entry: Classified Project Decimal File, 1940 - 1950

Entry: Formerly Classified Project Decimal File, 1940 - 1945

Entry 427: World War II Operations Reports, 1940 - 1948

RG 429 (Records of the Organizations in the Executive Office of the President)

Entry 17: Records of the Federal Property Council

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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 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)

***NARA - ARCHIVES II - MOTION PICTURE, SOUND, AND VIDEO BRANCH
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RG 111 (Records of the Office of the Chief Signal Officer)

***NARA - ARCHIVES II - STILL PICTURES BRANCH
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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)

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RG 77 (Records of the Office of the Chief of Engineers)
Accession 077-52A-259
Accession 077-53A-325
Accession 077-55A-323
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SECTION III
REGIONAL NATIONAL ARCHIVES FINDINGS
PART A
POSITIVE FINDINGS

VICTORVILLE PBR NO. 9

**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

**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 13, 1942
Memo, Subj: Decontamination of Bombing and Gunnery Ranges,
Oct. 10, 1946
Paper, Dedudding Report on Bombing Targets Formerly Assigned
to Victorville Army Air Field, 25 Sep 1946
Memo, Subj: Abandonment of Target No. 9, 13 April 1945

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

Accession #077-64J0445

Box #48

Memo, Subj: Abandonment of Target No. 9, 13 Apr 1945, w/Indorsements

Memo, Subj: Abandonment of Targets Nos. 6, 9, and 15, and Y and Z, Victorville AAF, 11 Jun 1945

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: Cost of Dedudding - Victorville Bombing Targets, 13 Nov 1946

Memo, Subj: Supplemental Dedudding Operations at VAAF, 8 Jan 1947

Memo, Subj: Supplemental Authorization of Funds for Dedudding Operations, 18 Apr 1947

Accession #077-96-133

Box #27

Realty Control File Summary, Undated

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

Memo, Subj: Abandonment of Target No. 9, 13 Apr 1945
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Memo, Subj: Abandonment of Targets Nos. 6, 9, and 15, and Y
and Z, Victorville AAF, 11 Jun 1945

Warning Notice, Declaring Bombing Target 9 as Surplus
Property, 29 Jun 1945

Memo, From Director of Real Estate to DOI, Re: Public Land
Order No. 125, 2 Oct 1945

Memo, Subj: Report on the Dedudding of Victorville Bombing
Targets, San Bernardino County, 20 Oct 1947

Military Acquisition Project Report, Victorville PBR #9,
14 Nov 1947, w/Tract Register

Real Property Management and Disposal Report, Victorville
PBR #9, 15 Mar 1948

Final Project Ownership Map, 3 Dec 1947

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

Location Map, Victorville Bombing Targets, 27 Nov 1944

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REGIONAL NATIONAL ARCHIVES FINDINGS
PART B
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VICTORVILLE PBR NO. 9

**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 270, Records of the War Assets 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
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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)
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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

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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
THE FORMER
VICTORVILLE PBR #9
BARSTOW, CALIFORNIA
PROJECT NUMBER J09CA069401

APPENDIX C

GLOSSARY

APPENDIX C

Glossary

1SG	First Sergeant
AN	Army Navy
AR	Army Regulation
BD/DR	Building Demolition/Debris Removal
CEHNC	U.S. Army Corps of Engineers, U.S. Army and Engineering Center
CEMVR	U.S. Army Corps of Engineers, Rock Island District
CESPL	U.S. Army Corps of Engineers, Los Angeles District
CON/HTRW	Containerized Hazardous, Toxic and Radiological Waste
DA	Department of Army
DERP	Defense Environmental Restoration Program
DLA	Defense Logistics Agency
DOD	Department of Defense
DOI	Department of Interior
EE/CA	Engineering Evaluation Cost Analysis
EOD	Explosive Ordnance Disposal
EPA	Environmental Protection Agency
FDE	Findings and Determination of Eligibility
FUDS	Former Used Defense Site(s)
HTRW	Hazardous, Toxic and Radiological Waste
HTW	Hazardous and Toxic Waste
INPR	Inventory Project Report
IRA	Interim Remedial Action
MSGT	Master Sergeant
NARA	National Archives Records Administration
NPRC	National Personnel Records Center
OE	Ordnance and Explosives
PA	Preliminary Assessment
PBR	Precision Bombing Range
P.N.	Project Number
QASAS	Quality Assurance Specialist Ammunition
RA	Remedial Action
RAC	Risk Assessment Code
RD	Remedial Design
RG	Record Group
RI	Remedial Investigation
RI/FS	Remedial Investigation/Feasibility Study
SFC	Sergeant First Class

SGT	Sergeant
SHPO	State Historic Preservation Office
SARA	Superfund Amendments and Reauthorization Act
SI	Site Investigation or Site Inspection
TM	Technical Manual
TSGT	Technical Sergeant
USA	U.S. Army
USAF	U.S. Air Force
USACE	U.S. Army Corps of Engineers
USADACS	U.S. Army Defense Ammunition Center and School
USATCES	U.S. Army Technical Center for Explosives Safety
UXO	Unexploded Ordnance
WAA	War Assets Administration
WD	War Department

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
FOR
THE FORMER
VICTORVILLE PBR #9
BARSTOW, CALIFORNIA
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APPENDIX D

TEXTS/MANUALS

APPENDIX D

TEXTS/MANUALS

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- D-2. Bomb Practice, 100 lb, M-38A2, Metal Parts Assembly and Marking Diagram, 23 September 1955 (B-33).
- D-3. Bomb Practice, 100 lb, M-38A2, Complete Assembly, 10 August 1955 (B-34).
- D-4. Charge, Spotting Assembly, M1A1, (Black Powder), and Details for M1A1, 4 June 1956 (B-35).



RA PD 15091

Figure 273 — Loaded ADAPTER, Cluster, M3, Suspended in Airplane

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 bomb:

AMMUNITION INSPECTION GUIDE

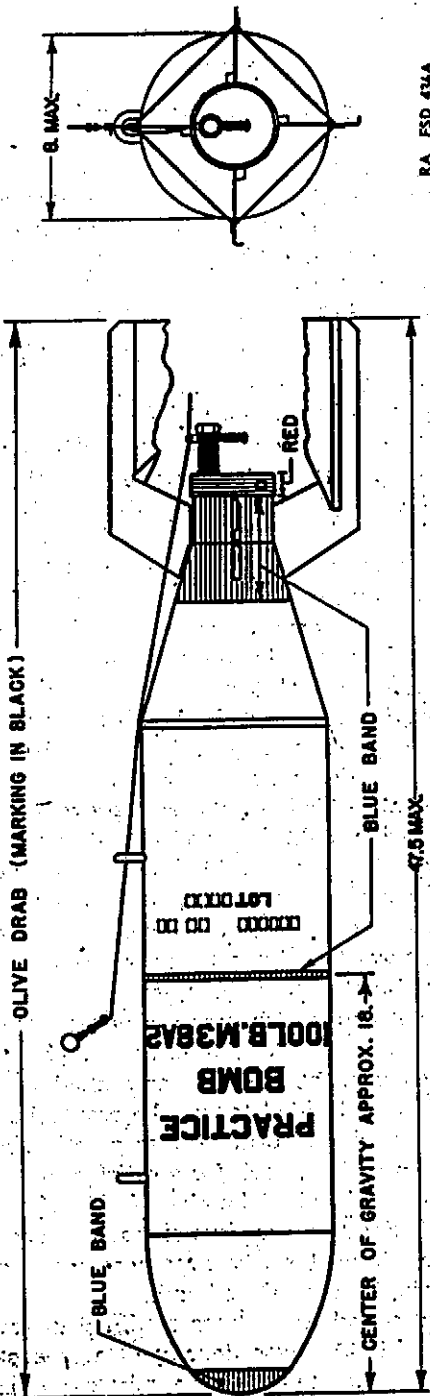


Figure 274 — BOMB, Practice, 100-pound, M38A2

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.

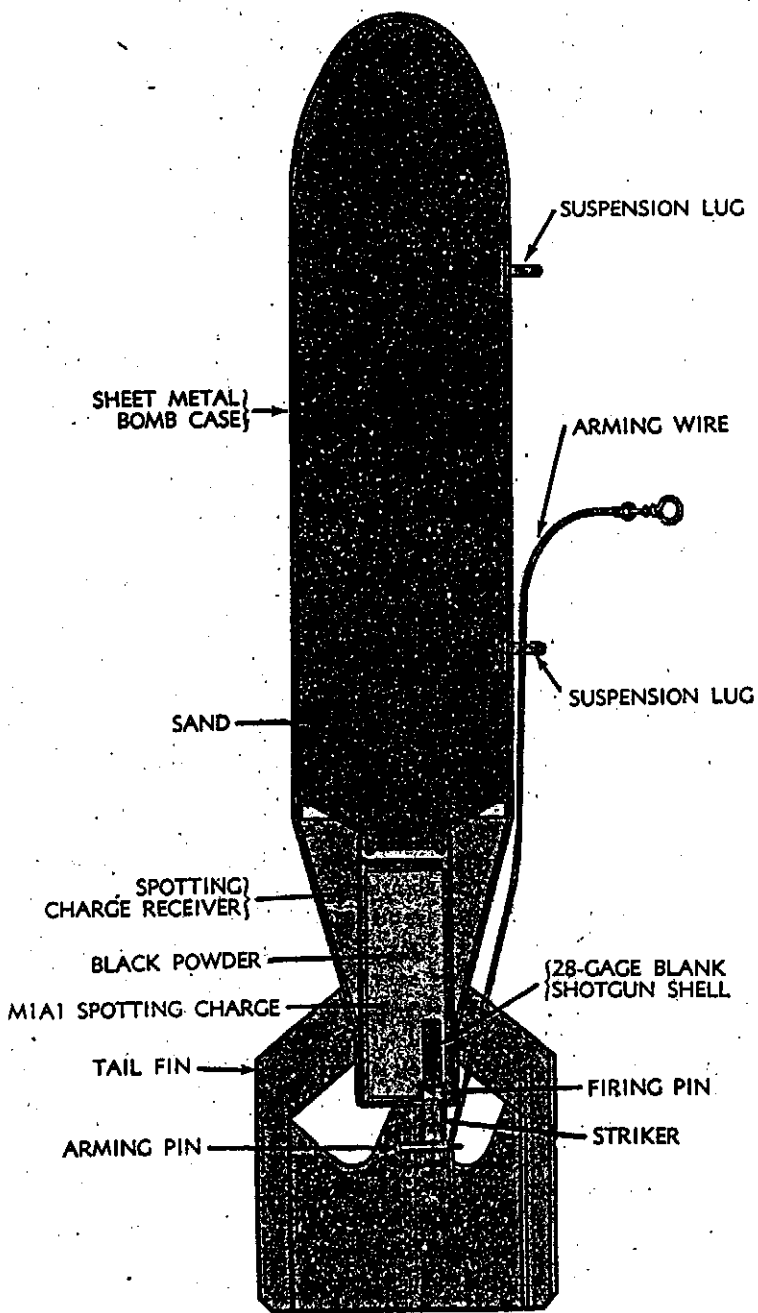
General. This bomb is used to give practice in demolition bombing. It is a thin case bomb, easy to manufacture, cheap in cost, and accurate in use. The bomb case cannot be reused after it has once been dropped in practice.

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

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.

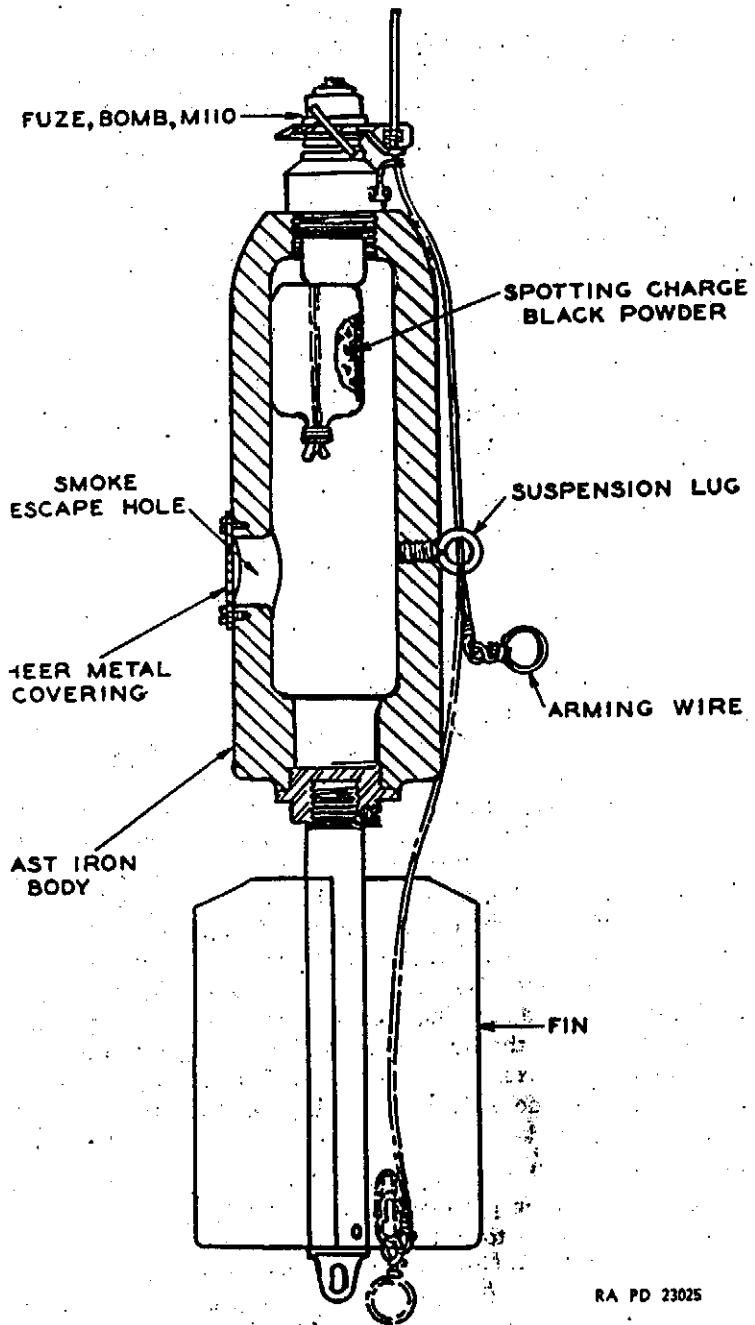
The firing mechanism consists of a fuze housing which has within it a striker held in position by an arming pin. Below the striker is a separate firing pin. The arming pin is always being forced outward by its spring but it is held in position by a cotter pin or arming wire located in one of the two 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 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 ad-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

AMMUNITION INSPECTION GUIDE



RA PD 23025

Figure 276 — BOMB, Practice, 20-pound, M48

703

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

BOMB, PRACTICE, 20-POUND, M48.

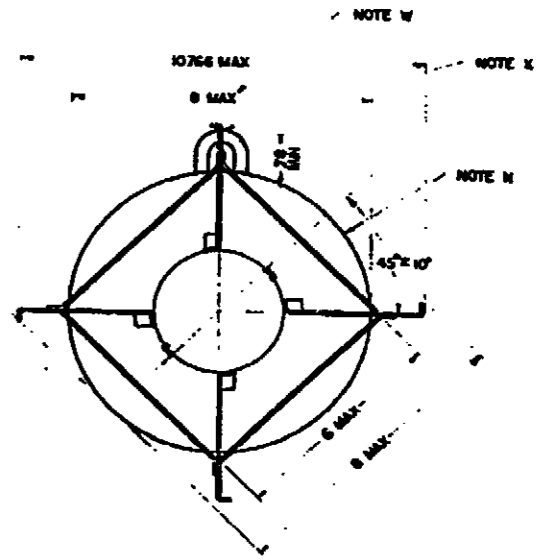
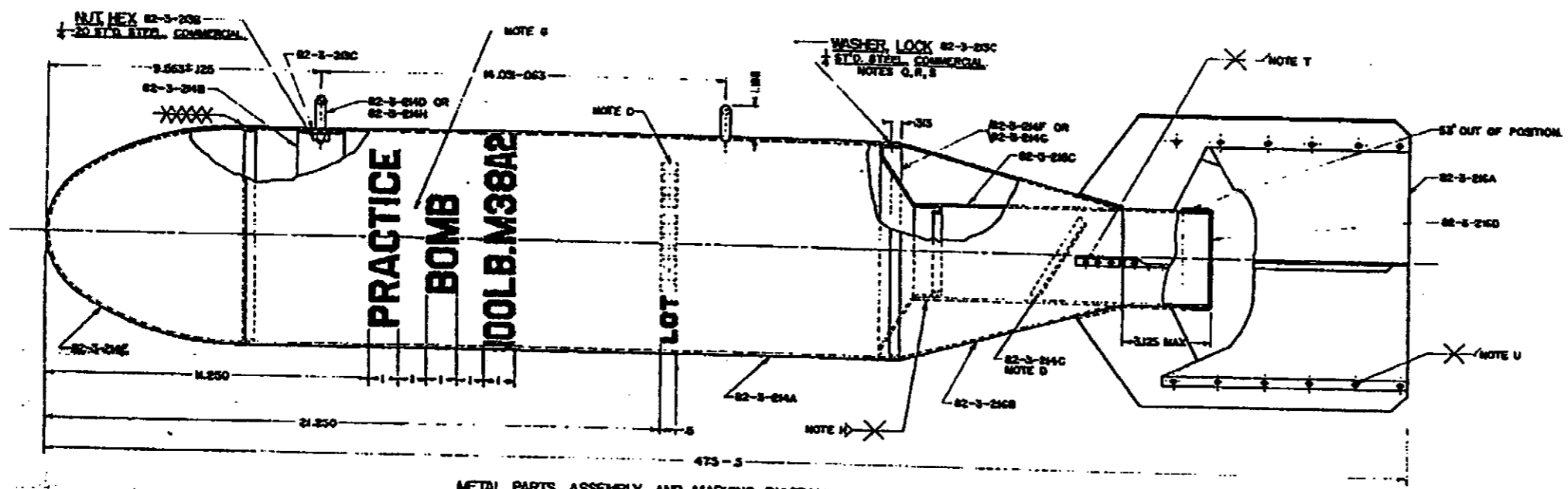
General. This bomb is designed to give practice in high-altitude fragmentation bombing. The bomb body may be reused after it has been dropped in practice unless it is badly damaged.

Description. The bomb body is cylindrical in shape and is made of heavy cast iron. To the rear of the bomb body, a hole in the side of the bomb, covered by a sheet metal disc is provided to allow for the escape of smoke. Opposite the hole on the other side of the bomb body is a lug for horizontal suspension. The nose is threaded to receive the M110 or the AN-M110A1 Bomb Nose Fuze. The body is hollow and receives a spotting charge of 0.13 pound of black powder. The rear of the bomb body is closed by means of a threaded cap. The cap is also threaded to receive the fin assembly. The fin assembly is bladed and the same as that of the 20-pound AN-M41 Fragmentation Bomb. Attached to the fin assembly is a lug for vertical suspension of the bomb. The fin is held securely to the threaded cap by means of a set screw. The over-all length is 21.7 inches. The total weight with spotting charge (no inert filler is used) is 20.5 pounds.

Function. In function, it acts exactly as the 20-pound AN-M41 High-altitude Fragmentation Bomb using the same fuze. The cluster is dropped and the arming wire is retained in the plane. The cluster opens and the bombs drop out. After several hundred revolutions of the vane, the fuze will arm. Upon impact, the fuze will function the black powder spotting charge. The smoke produced will blow out the metal disc and will show a white puff at the point of impact. The bomb body may be reused although the other components, fuze and spotting charge, must be replaced.

Packing. The bombs are packed in clusters, six bombs per cluster. Cluster Practice Bomb M2 is similar to the Fragmentation Bomb Cluster M1 except that six practice bombs replace the six fragment.

703



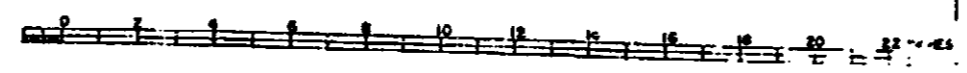
METAL PARTS ASSEMBLY AND MARKING DIAGRAM 82-3-213A

- NOTES-
- A- COAT ENTIRE EXTERIOR SURFACE WITH BLUE NO 2830, ENAMEL. NOTES L, M
 - B- MARK WITH WHITE MARKING INK, NO 3725.
 - C- INSERT LOT NUMBER OF BOMB AND DATE (MONTH AND YEAR) OF MANUFACTURE.
 - D- PLACE HEAD COVER LOOSELY IN SLEEVE FOR SHIPMENT.
 - E- THE CENTERLINE OF THE COMPLETE TRAIL ASSEMBLY SHALL NOT DEPART FROM THAT OF THE BODY BY MORE THAN $\frac{1}{16}$ " AS MEASURED AT THE EXTREME ENDS OF THE FINE.
 - F- SLEEVE COVER SHOULD NOT BE SNAPPED OVER PROJECTION TABS.
 - G- LETTERS, FIGURES AND SPACING $\frac{1}{16}$ " HIGH, IF POSSIBLE.
 - H- $6-\frac{1}{8}$ " DIA SPOT WELDS OR $10-\frac{1}{8}$ " DIA PROJECTION WELDS, EQUALLY SPACED (OPTIONAL)
 - K- COAT ENTIRE INTERIOR SURFACE WITH ACID-PROOF BLACK PAINT, TYPE I. NOTE L.
 - L- PREPARE THE EXTERIOR SURFACES IN ACCORDANCE WITH GRADE X, SPEC MIL-C-480, BEFORE COATING. THE INTERIOR SURFACE IS TO BE PREPARED OR CLEANED BY ANY METHOD ACCEPTABLE UNDER SPEC MIL-C-480 BEFORE PAINTING.
 - M- PLATED SUSPENSION LUGS NOT REQUIRED TO BE PAINTED.
 - N- OUT OF ROUND TOLERANCE ± 0.005 ON DIAMETER.
 - P- ALTERNATIVE- $12-\frac{1}{8}$ " DIA. PROJECTION WELDS.
 - Q- WELD HEAD TO BODY WITH $12-\frac{1}{8}$ " DIA. SPOT WELDS EQUALLY SPACED. NOTE P.
 - R- WELDS TO BE LOCATED APPROX. AT CENTER OF LAP HEIGHT OF WELD METAL $\frac{1}{16}$ " MAX AT ANY POINT ON CIRCUMFERENCE.
 - S- WELD CONE TO HEAD WITH $12-\frac{1}{8}$ " DIA. SPOT WELDS EQUALLY SPACED BETWEEN WELDS JOINING HEAD TO BODY. NOTE P.
 - T- $6-\frac{1}{8}$ " DIA SPOT WELDS, EQUALLY SPACED $\frac{1}{2}$ " FROM EACH END. ALTERNATIVE- $10-\frac{1}{8}$ " PROJECTION WELDS, EQUALLY SPACED, STAGGERED IN TWO ROWS.
 - U- $6-\frac{1}{8}$ " DIA SPOT WELDS OR $10-\frac{1}{8}$ " PROJECTION WELDS EQUALLY SPACED, $\frac{1}{2}$ " FROM EACH END. ALTERNATIVE- $6-\frac{1}{8}$ " PROJECTION WELDS AND $4-\frac{1}{8}$ " SPOT WELDS.
 - W- THIS DIMENSION DOES NOT INCLUDE HEIGHT OF WELDING METAL.
 - X- END OF FIN BLADE TO BE IN ALIGNMENT WITH CENTER OF SUSPENSION LUG WITHIN $\frac{1}{16}$ " INCH.

LINE NO	LIST OF DRAWINGS	DRAWING NUMBER
1	METAL PARTS ASSEMBLY	82-3-213
2	DETAILS	82-3-214
3	DETAILS	82-3-215
4	TYPES, ARMING, FOR BOMBS	82-3-216
5	CARTON PACKING	78-6-62
6	PACKING AND MARKING	20-4-188

NOTICE: This drawing shall not be used as a basis for manufacturing without the express approval of the Ordnance Corps.

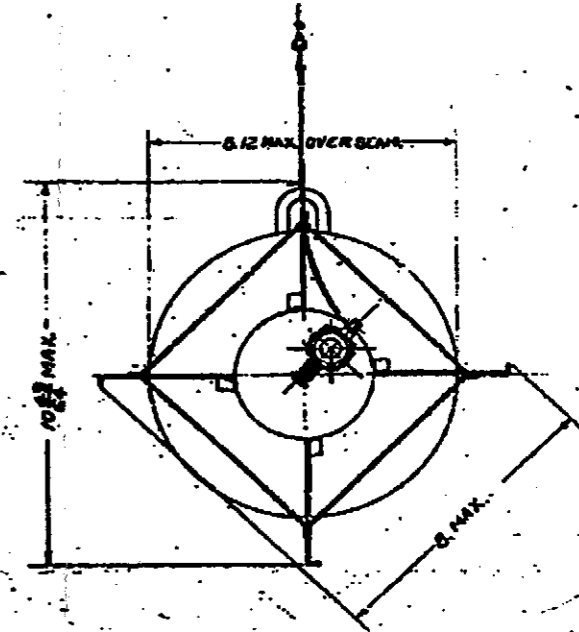
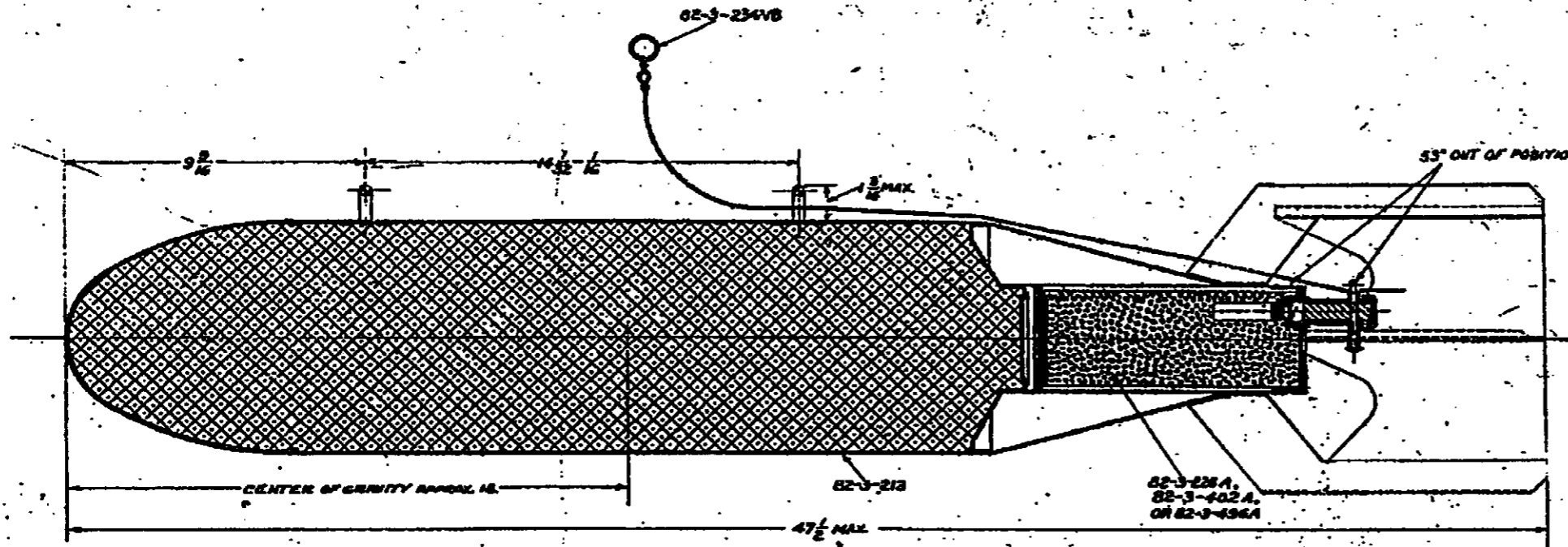
WITH 82-3-213A SUPERSEDES 82-3-213 WITH CHANGE SEPTEMBER 23, 1955



BOMB, PRACTICE, 100LB, M38A2 METAL PARTS ASSEMBLY AND MARKING DIAGRAM

ORDNANCE CORPS
COPY OF THE DRAWING

82-3-213



ASSEMBLY 82-0-2346

Obsolete
 SUPERSEDES OLD TRACING 82-0-23 UNDER
 REVISION DATE OF DEC. 24, 1937.

LINE NO.	NAME OF COMPONENT	DRAWING NUMBER OR REFERENCE	APPROXIMATE WEIGHT (POUNDS)	APPROXIMATE WEIGHT (POUNDS)
1	ASSEMBLY	82-0-23	100.0	53.0
2	FILLER		80.0 (A)	33.0 (C)
3	LOOP SWIVEL	82-3-135		
4	METAL PARTS ASSEMBLY	82-3-213	15.7 (A)	15.7 (A)
5	SPOTTING CHARGE ASSEMBLY (C)	82-3-228	4.25	4.25
6	WIRE, ARMING, ASSEMBLY NO. 1452	82-3-234VB	.06	02.0
7				
8				
9				
10				
11				
12				

LINE NO.	DESIGN DATA		
	NOMENCLATURE	WEIGHT (LBS)	WEIGHT (KG)
1	METAL PARTS ASSEMBLY	15.7	15.7
2	SPOTTING CHARGE ASSEMBLY (C) BLACK POWDER	4.25	4.25
3			
4	BLACK POWDER	3.0 (A)	3.0 (A)
5			
6	FILLER (SAND)	80.0	33.0 (C)
7			
	TOTAL	100.0	53.0

(A) WEIGHT PERTAINS TO SODIUM NITRATE BLACK POWDER.

(C) WEIGHT SHOWN IS WITHOUT SLEEVE COVER.
 (B) FILLER, SAND.
 (D) FILLER, 2 PARTS SANDUST AND 1 PART SAND, FOR SPECIAL USE.
 (E) SPOTTING CHARGE M3 82-3-402A, OR M4, 82-3-496A MAY BE USED WHEN REQUIRED.



BOMB, PRACTICE, 100LB, M38A2
 ASSEMBLY, COMPLETE.

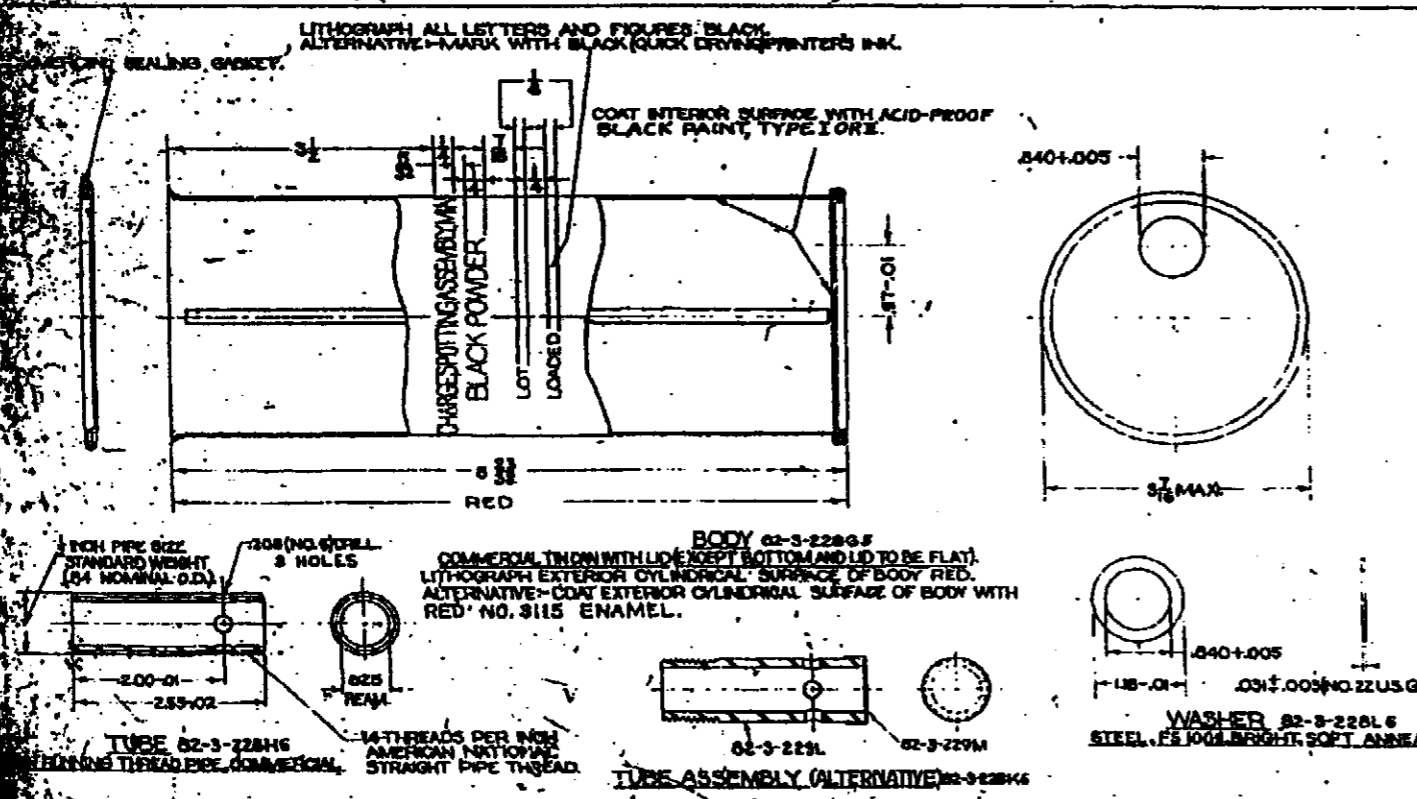
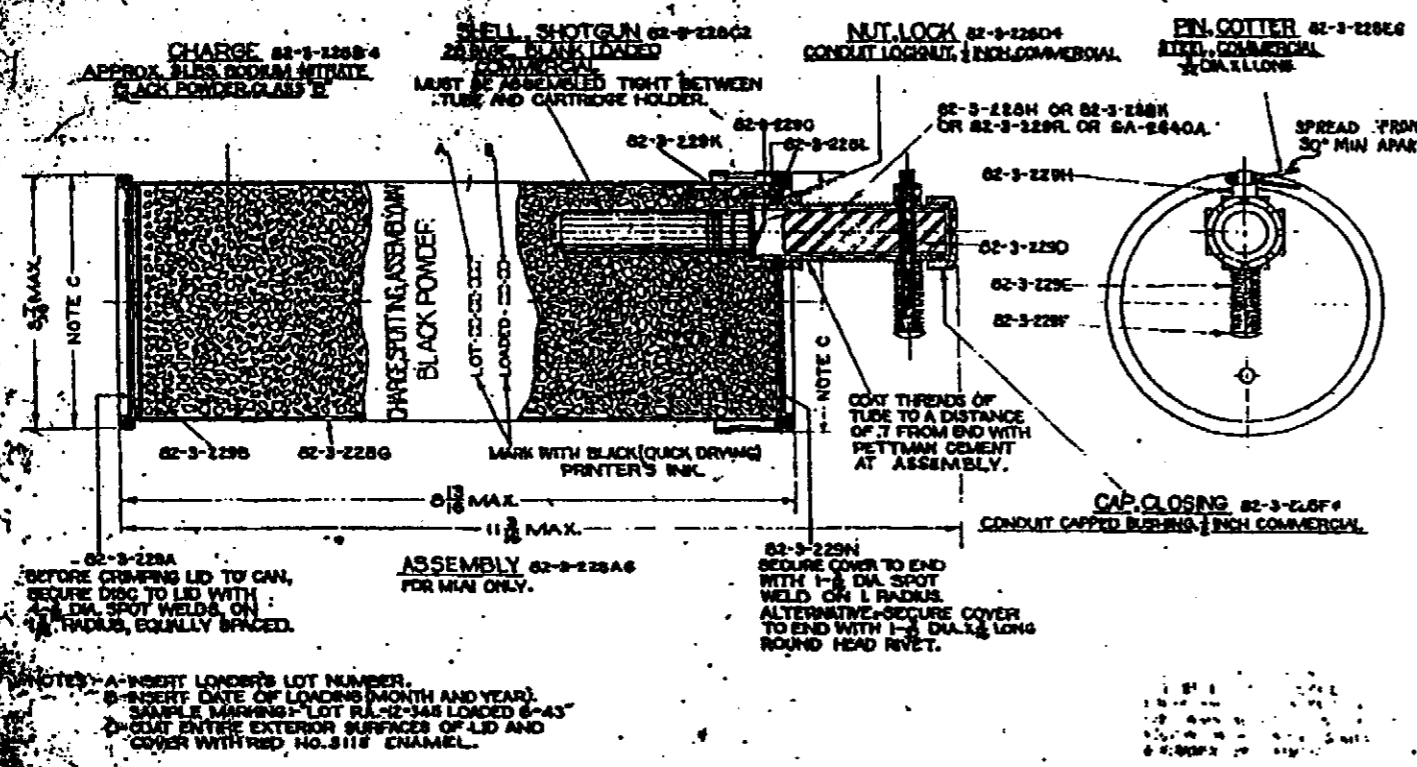
REVISIONS	CLASS	DIVISION	DRAWING FILE
1 1-29-38	82	0	234
2 10-11-41			
3 2-7-43			
4 11-23-43			
5 6-15-45			
6 8-10-57			

DRG. PERTAINS TO

APPROVED BY

ORDNANCE DEPT.

228



LINE NUMBER	NAME OF PART	NUMBER REQ'D PER COMPONENT	PIECE-MARK	MATERIAL			APPROXIMATE UNIT WEIGHT (POUNDS)	APPROXIMATE WGT OF RAW STOCK PER 1000 ASSEMBLES	REMARKS
				SIZE OR FORM	KIND	GRADE			
1	ASSEMBLY		82-3-228A			MIL-C-2563	4.25		
2	TUBE ASSEMBLY (ALTERNATIVE)		82-3-228H						
3	TUBE ASSEMBLY (ALTERNATIVE)		64-2640A						
4	BODY	1	82-3-228B	SHEET	TIN-PLATE	COMMERCIAL	.36		
5	CAP, CLOSING	1	82-3-228F	CASTING		COMMERCIAL	.08	(L)	
6	CAP, TUBE (ALTERNATIVE)	1	82-3-228M	SHEET	TERNE SHEETS (LONG TERNE) TYPE II, CLASS B	QQ-T-191		(F)	
7	CHARGE	1	82-3-228B		BLACK POWDER (SODIUM NITRATE)	CLASS B	1.00		
8	COVER	1	82-3-228N	SHEET	STEEL	FS-1009	QQ-5-00640	.27	
9	DISC	1	82-3-228A	SHEET	STEEL	FS-1009	QQ-5-00640	.14	
10	HOLDER, CARTRIDGE	1	82-3-228G	CASTING		COMMERCIAL	.02	(L)	
11	NUT, LOCK	2	82-3-228D	INSERT PL.	STEEL	COMMERCIAL	.02	(L)	
12	PIN, ARMS	1	82-3-228F		STEEL	COMMERCIAL	.02	(L)	
13	PIN, COTTER	1	82-3-228E	3/4 X 1	STEEL	COMMERCIAL		(L)	
14	PIN, FIRING	1	82-3-228C	SHEET	STEEL	FS-1009	QQ-5-00640	.01	
15	PLUNGER	1	82-3-228J	BAR	STEEL	FSB-1112	QQ-5-633	.18	
16	SEPARATOR	1	82-3-228B	SHEET	CHIPBOARD	COMMERCIAL	.02		
17	SHELL, SHOTGUN (BLANK LOADED)	1	82-3-228C	28 GAGE		COMMERCIAL	.02		
18	SPACER	1	82-3-228H	TUBING	STEEL	COMMERCIAL	.01	(L)	
19	SPRING, SAFETY PIN	1	82-3-228E	WIRE	STEEL WIRE, MUSIC SPRING	QQ-W-470	.01	(L)	
20	TUBE	1	82-3-228H	PIPE	IRON	COMMERCIAL	.14	(L)	
21	TUBE (ALTERNATIVE)	1	82-3-228L	PIPE	BLACK IRON PIPE	COMMERCIAL		(L)	
22	TUBE (ALTERNATIVE)	1	82-3-228R	PIPE	BLACK IRON PIPE	COMMERCIAL		(L)	
23	WASHER	2	82-3-228L	SHEET	STEEL	FS-1009	QQ-5-00640	.01	
24					CEMENT, PETTMAN	JAN-C-99			
25					INK, BLACK, PRINTER'S	COMMERCIAL			
26					ENAMEL, RED NO. 3115	MIL-E-10657			
27					PAINT, ACID-PROOF BLACK	JAN-P-450			
28					TYPE I OR II	COMMERCIAL			
29					DIAM. 2.000	RIVET, STEEL, ROUND HEAD			

LINE NO.	SPEC. NUMBER	REQUIRED BY
1	MIL-C-2550	DRG 82-3-228
2	JAN-C-99	DRG 82-3-228
3	MIL-C-2553	DRG 82-3-228
4	MIL-E-10657	DRG 82-3-228
5	JAN-P-450	DRG 82-3-228
6	82-P-246	DRG 82-3-228
9	JAN-P-362	DRG 82-3-228
10	QQ-5-633	DRG 82-3-228
11	QQ-5-00640	DRG 82-3-228
12	QQ-W-470	DRG 82-3-228
13	QQ-T-191	DRG 82-3-228
14	QQ-Z-325	DRG 82-3-228

IF THE SPECIFICATION AND STANDARD NUMBERS SHOWN ARE BASIC NUMBERS ONLY, THE REVISED A LETTER IS AFFIXED TO ITS BASIC NUMBER.

LINE NO.	DRAWING NUMBER
1	82-3-228
2	82-3-228
3	79-25-219
4	82-3-228
5	82-3-228
6	82-3-228
7	82-3-228

SUPERSEDES OLD TRACING 82-3-228 UNDER REVISION DATE OF NOV-28, 1943.

CHARGE, SPOTTING ASSEMBLY, MIAI, (BLACK POWDER), AND DETAILS FOR MIAIM3 AND M4.

AUGUST 18, 1937	CLASS	DIVISION	DRAWING NO.
	82	9	228

REVISIONS

1	4-30-40	
2	8-28-41	
3	8-28-43	
4	1-3-44	
5	10-15-44	
6	10-4-56	

DRG. PERTAINS TO

APPROVED BY: [Signature]

DATE: [Date]

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
FOR
THE FORMER
VICTORVILLE PBR #9
BARSTOW, CALIFORNIA
PROJECT NUMBER J09CA069401

APPENDIX E

REPORTS/STUDIES

APPENDIX E

REPORTS/STUDIES

Table of Contents

E-1. Site Survey Summary Sheet for Site J09CA069400, and Findings and Determination of Eligibility, 19 December 1991 (B-5).

E-2. "General Soils Report of San Bernardino County", 1970 (B-8).



DEPARTMENT OF THE ARMY
HUNTSVILLE DIVISION, CORPS OF ENGINEERS
P. O. BOX 1600
HUNTSVILLE, ALABAMA 35807-4301

REPLY TO
ATTENTION OF

CEHNC-OE-PM (200-1c)

3 May 1996

MEMORANDUM FOR Commander, HQUSACE, ATTN: CEMP-RF,
20 Massachusetts Avenue NW, Washington, DC
20314-1000

SUBJECT: DERP-FUDS Inventory Project Report (INPR) Requiring an
Ordnance and Explosives (OE) Engineering Evaluation and Cost
Analysis (EE/CA)

1. The enclosed INPR has been submitted for further investigation or action by the Huntsville Engineering and Support Center. We have reviewed the INPR and recommend a phased EE/CA be scheduled for the following site:

DIVISION	PROJECT NO.	RAC	SITE NAME
SPD	J09CA069400	4	Victorville PBR #9 (encl)

2. A completed DD1391 cost estimate and risk assessment code score is included with the enclosure. The POC is Ms. Carrie Douglas at 205-895-1465 or Mr. Bill McPherson at 205-895-1595.

FOR THE DIRECTOR, ORDNANCE
AND EXPLOSIVES TEAM:

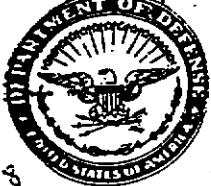
Encl

Billy D. McPherson
for KARE E. BLANKINSHIP, P.E.
Group Leader, Design
Management Group

CF:

Commander, U.S. Army Engineer Division, South Pacific, ATTN:
CESPD-ED-G, 630 Sansome Street, Room 720, San Francisco, CA
94111-2206

Commander, U. S. Army Engineer District, Los Angeles,
ATTN: CESPL-ED-MI, P.O. Box 2711, Los Angeles, CA 90053-2325



DEPARTMENT OF THE ARMY
 SOUTH PACIFIC DIVISION, CORPS OF ENGINEERS
 630 Sansome Street, Room 720
 San Francisco, California 94111-2206

REPLY TO
 ATTENTION OF:

JUL 08 1991

CESPD-ED-MH (200-1c)

MEMORANDUM FOR

Commander, U.S. Army Division, Missouri River, P.O. Box 103
 Downtown Station, Omaha, NE 68101-0103

✓ Commander, U.S. Army Division, Huntsville, P.O. Box 1600,
 Huntsville, Alabama 35807

Commander, U.S. Army Corps of Engineers, 20 Massachusetts Avenue,
 N.W., Washington, DC 20314-1000

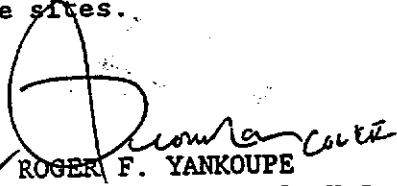
SUBJECT: DERP-FUDS Inventory Project Report for Various
 Locations in the South Pacific Division Area

1. I have determined that the below listed sites are eligible for DERP-FUDS under the law.

<u>SITE NUMBERS</u>	<u>SITE NAME</u>	<u>LOCATION</u>	
J09CA067400	Victorville, PBR N-3	Barstow, California	(Encl 1)
J09CA067700	Victorville, PBR No. 11	Barstow, California	(Encl 2)
J09CA067800	Victorville, PBR No. 12	Barstow, California	(Encl 3)
J09CA068000	Victorville, PBR No. 14	Barstow, California	(Encl 4)
J09CA068100	Victorville, PBR No. 15	Barstow, California	(Encl 5)
J09CA068200	Victorville, PBR No. 16	Barstow, California	(Encl 6)
J09CA069400	Victorville, PBR No. 9	Barstow, California	(Encl 7)

2. I recommend that Huntsville Division determine if further study is needed with respect to an OEW project at these sites.

7 Encls


 FOR ROGER F. YANKOUBE
 Brigadier General, U.S. Army
 Commanding

PROJECT SUMMARY SHEET
FOR
DERP-FUDS OE PROJECT NO. J09CA069400
VICTORVILLE PRECISION BOMB RANGE NO. 9
BARSTOW, CALIFORNIA
SITE NO. J09CA069400

PROJECT DESCRIPTION: The Victorville Precision Bombing Range (PBR) No. 9 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.

SITE SURVEY SUMMARY SHEET
FOR
SITE NO. J09CA069400

SITE NAME: Victorville Precision Bombing Range No. 9

LOCATION: Barstow, California

DESCRIPTION OF PROBLEM: None

SITE HISTORY: In 1943, the DOD acquired a total of 657.28 acres of Public Domain from the Department of Interior (DOI) through government agency transfer by means of Public Land Order No. 125. Custody of the land was relinquished to DOI in 1945. Before disposing of the property, DOD removed all detachable improvements. The site remains as Public Domain and is vacant of structures or inhabitants. Tire tracks throughout the site indicate heavy off-road vehicle use and recreational activities. Current evidence of DOD use consists of remnants of practice bombs; however, this debris does not constitute an unsafe condition of hazard. There is no evidence of unsafe debris, hazardous or toxic waste, or unexploded ordnance resulting from DOD use of the site. State, county, and local agencies were contacted and have no records of any hazardous or toxic waste sites that are co-located or adjacent to the Victorville PBR No. 9 site.

AVAILABLE STUDIES AND REPORTS: None

CATEGORY OF HAZARD: Not applicable

BASIS FOR DETERMINATION OF DOD RESPONSIBILITY: Not applicable

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

STATUS: The property is currently maintained by the DOI Bureau of Land Management as Public Domain.

DESCRIPTION OF PROPOSED REMEDIAL ACTION: Not applicable

ESTIMATED COST: None

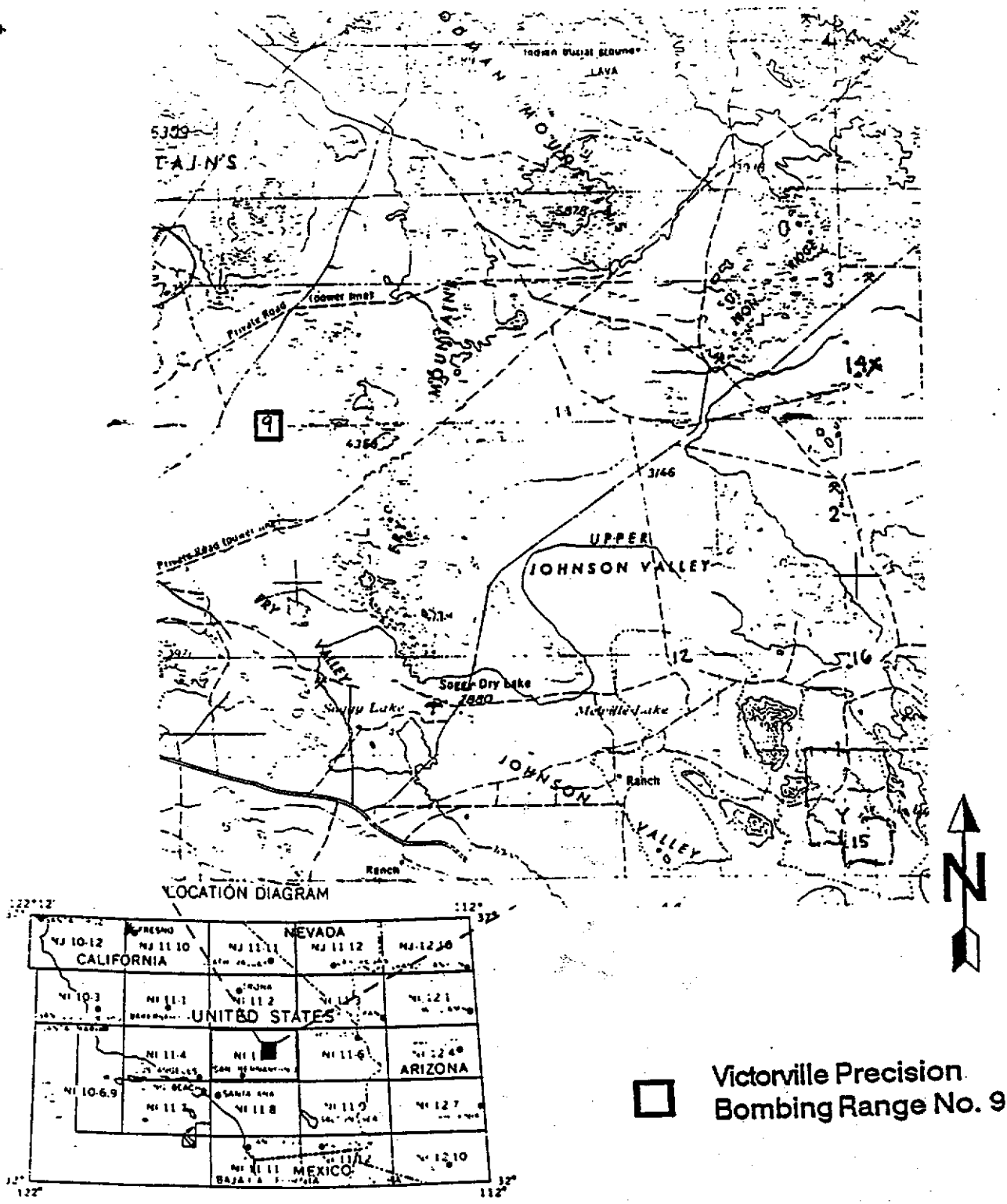


Figure 1 - Site Map of Victorville Precision Bombing Range No. 9
(Project No. J09CA069400)

Source: USGS Scale 1 : 250,000 Map, San Bernardino, California

DEFENSE ENVIRONMENTAL RESTORATION PROGRAM
FOR FORMERLY USED SITES
FINDINGS AND DETERMINATION OF ELIGIBILITY
VICTORVILLE PRECISION BOMBING RANGE NO. 9
BARSTOW, CALIFORNIA
SITE NO. J09CA069400

FINDINGS OF FACT

1. On May 20, 1943, the Department of Defense (DOD) acquired a total of 657.28 acres of Public Domain from the Department of Public Land Order No. 125.
2. Victorville Precision Bombing Range (PBR) No. 9 was used by the U.S. Army Air Force as a practice bombing range. This site was used in conjunction with the Victorville Army Air Field (now the George Air Force Base). Site improvements consisted of the light oil on grade target outlines, frame butts and appurtenances, fences, and gates. There were no government buildings or auxiliary facilities on-site.
3. On June 22, 1945, DOD declared the Victorville PBR No. 9 site, totaling 657.28 acres, as surplus to the War Assets Administration (WAA). The WAA authorized the retransfer of the property to DOI on June 22, 1945, and custody was relinquished by letter on October 2, 1945. Public Land Order No. 422 dated January 30, 1948, partially revoked Public Land Order No. 125, thereby allowing DOI to officially assume custody of the property. The site was cleared of explosive ordnance, and all detachable improvements were removed. The oiled target outlines were allowed to deteriorate by weathering. DOD made no provisions for restoration. Currently, the property is maintained by the DOI Bureau of Land Management.

DETERMINATION

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

Date

ROGER F. YANKOUBE
Brigadier General, U.S. Army
Commanding

DEFENSE ENVIRONMENTAL RESTORATION PROGRAM
FOR FORMERLY USED SITES
FINDINGS AND DETERMINATION OF ELIGIBILITY
AND RECOMMENDATIONS

VICTORVILLE PRECISION BOMBING RANGE NO.9
BARSTOW CALIFORNIA
SITE NO. J09CA069400

FINDINGS

1. The Victorville Precision Bombing Range (PBR) NO. 9 was used by the Army Air Corps as a practice bombing target for aircraft from the Victorville Army Air Field (now George AFB). The PBR was DOD property from 1942 to 1948, where it was returned to the Department of Interior.
2. A survey of the PBR NO. 9 was accomplished on 10 Dec 91. Evidence of ordnance items was M38A2 sand filled and M85 concrete filled (100 Lb.) practice bombs. Ruminates of the bombs and M1A1 fuze (to ignite a 3Lb. black powder spotting charge) were evident in the area. Checked several fuzes and bomb parts, fuzes had functioned and no evidence of spotting charges were discovered. The ruminates were mostly rusted out and decomposing. No evidence of High Explosive items used in this area.
3. The primary land use is for off road vehicles and camping. There are several mining claims with in the area.

DETERMINATION

Based on the findings, the site meets the requirements of a formerly used DOD Site, and is there-by eligible for the Defense Environmental restoration Program - Formerly Used Defense Sites under 10 U.S.C. 2701.

RECOMMENDATIONS

Recommend that no further action be taken on PBR NO. 9. Survey indicates no risk to the public. (Note: If site is to be cleared, it would take about 5 working days on site.)

Richard D. Whitbeck
RICHARD D. WHITBECK

19 Dec 91
DATE



United States
Department of
Agriculture

Natural
Resources
Conservation
Service

18484 Highway 18, Suite 195
Apple Valley, California 92307
(760) 242-2906 ♦ Fax: (760) 242-0203

November 17, 1997

Mr. Larry M. Daupin
Director, DAC
3700 Army Depot Road
Savanna, IL 61074-9639

Dear Mr. Daupin:

In response to your FAX requesting soils and aerial photography information for various PBR's I have enclosed individual map sheets and soils data for each. You were correct in that PBR's N-3, 3, 4, 5, and 6 are within the Mojave River Area Soil Survey which was issued in February 1986. I have enclosed the map sheets and soils descriptions for each of the soils within the PBR.

For the other PBR's, we do not have detailed soils data. The soils information for PBR's, nos. 9, 10, 11, 12, 14, 15, 16, and 19 was obtained from the General Soils Report of the Southwestern Desert Area of San Bernardino County, which was issued in June of 1970. Please keep in mind that the soils information from this survey is for general planning purposes and is not site specific. I've attached narrative soils descriptions for each of the PBR's noted on the soil survey map sheet for the General Soils Report.

As for aerial photography, we do have some photos which are infrared photos. These do not photocopy very well and I can not lend these photos out. However, you may want to contact the Mojave Desert RCD who has a color scanner which may be able to scan these photos for you at a nominal cost. Please contact Jackie Lindgren, District Coordinator, to find out cost information for scanning these photos.

Should you have any additional questions please do not hesitate to call me.

Sincerely,

Rick Aguayo
District Conservationist

Enclosures

Group III - Areas dominated by brown to reddish brown soils with slight to moderate clay increases in the subsoil.

~~Adelanto-Mohave association, 0 to 9 percent slopes~~

This association consists of well drained, moderately slowly permeable, very deep, sandy loams developed from sandy alluvium. These are nearly level to moderately sloping soils on slopes of 0 to 9 percent on alluvial fans and terraces. Vegetation consists of desert shrubs, with some annual forbs and grasses. Elevations range from 1,200 to about 4,000 feet. Mean annual precipitation is 3 to 7 inches, mean annual air temperature is 66° F., and the frost-free season is 220 to 300 days. This association comprises about 11 percent of the Desert Area.

Adelanto soils make up about 50 percent and Mohave soils about 35 percent of the association. Cajon and Arizo (5 percent) and soils of the Mohave-Adelanto variants association (10 percent) comprise the remaining 15 percent.

Adelanto soils are well drained and have brown, granular, soft, moderately alkaline, fine sandy loam surface soils and reddish brown, blocky, slightly hard, moderately alkaline, sandy loam subsoils. Mohave soils are well drained and have platy, soft, mildly alkaline, sandy loam surface soils and reddish brown, prismatic, very hard, slightly acid, sandy clay loam subsoils. These soils overlie brown, massive, slightly hard and hard, moderately alkaline, calcareous, stratified coarse sand and gravelly loamy coarse sand.

These soils are used mainly for recreation, cropland, and urban. Limited grazing in some areas is possible when there is sufficient rainfall to produce forage. In limited areas where irrigation water has been developed, pasture, field crops, and row crops are being grown. Onions and potatoes were once grown on these soils in the Apple Valley and Hesperia areas but have been replaced by urban expansion in recent years. Subdivisions are also expanding on these soils near Adelanto and Barstow.

8 ~~Adelanto-Hesperia association, 2 to 9 percent slopes.~~

~~This association consists of well drained, moderately slowly to moderately rapidly permeable, very deep, sandy loams developed in sandy loam alluvium. These gently to moderately sloping soils are on slopes of 2 to 9 percent on alluvial fans and terraces in the northwestern portion of the Desert Area. Vegetation consists mostly of desert shrubs with some annual forbs and grasses. Elevations range from 2,400 to about 3,000 feet. Mean annual precipitation is 3 to 5 inches, mean annual air temperature~~

is 60° F., and the frost-free season is 180 to 260 days. This association comprises about 1 percent of the Desert Area.

Adelanto soils make up about 75 percent and Hesperia soils about 20 percent of the association. Adelanto-Mohave association and Mohave-Adelanto variants association comprise about 5 percent.

Adelanto soils have brown, massive, soft, moderately alkaline, loamy coarse sand surface soils and brown, blocky, hard, moderately alkaline, sandy loam subsoils. Hesperia soils have light brownish gray, massive, slightly hard, mildly alkaline, sandy loam surface soils and light brownish gray, massive, slightly hard, moderately alkaline, calcareous, sandy loam subsoils. These soils overlie brown and brownish yellow, massive, slightly hard, calcareous, moderately alkaline, sandy loam substrata.

These soils are used mainly for recreation and wildlife. In limited areas where irrigation water has been developed, pasture, field crops, and row crops are being grown. Limited grazing in some areas is possible when there is sufficient rainfall to produce forage. Urban expansion is taking place on these soils in some areas near Kramer Junction.

Group IV - Areas dominated by soils that have restricted depth.

~~Mohave-Adelanto variants association, 0 to 15 percent slopes~~

This association consists of well drained, moderately slowly permeable, sandy loams, moderately deep to deep to caliche, developed in stratified clay loam alluvium. The soils are on nearly level to strongly sloping terraces on slopes of 0 to 15 percent. Vegetation consists mostly of desert shrubs, annual forbs, and grasses. Elevations range from 2,000 to about 4,000 feet. Mean annual precipitation is 3 to 7 inches, mean annual air temperature is 66° F., and the frost-free season is 220 to 300 days. This association comprises about 16 percent of the Desert Area.

Mohave variant soils make up about 45 percent and Adelanto variant soils about 35 percent of the association. Sunrise (10 percent) and Cajon and Arizo (10 percent) soils comprise the remaining 20 percent.

Mohave variant soils have brown, platy, soft, mildly alkaline, sandy loam surface soils and reddish brown, prismatic, very hard, slightly acid, sandy clay loam subsoils. Adelanto variant soils have brown, granular, soft, moderately alkaline, sandy loam surface soils and reddish brown, blocky, slightly hard, moderately alkaline, sandy loam subsoils. These

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
FOR
THE FORMER
VICTORVILLE PBR #9
BARSTOW, CALIFORNIA
PROJECT NUMBER J09CA069401

APPENDIX F

LETTERS/MEMORANDUMS/MISCELLANEOUS ITEMS

APPENDIX F

LETTERS/MEMORANDUMS/MISCELLANEOUS ITEMS

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- F-1. "Species List for Specified Areas near Victorville...", Diane Noda, 30 January 1996 (see document B-9).
- F-2. "Listed Species in San Bernardino County", 23 September 1996 (B-10).
- F-3. "California Archaeological Inventory", 11 November 1997 (B-11).
- F-4. "Historical Record of Victorville Army Airfield", 8 December 1941 to 1 January 1943 (B-18).
- F-5. "Bombing Targets...", 13 April 1942 (B-19).
- F-6. "Information Pertaining to Bombing Ranges...", 13 February 1942 (B-20).
- F-7. Public Land Order 125 (B-21).
- F-8. "Abandonment of Target No. 9", 13 April 1945 (B-22).
- F-9. "Abandonment of Targets 6, 9, and...", 11 June 1945 (B-23).
- F-10. "Dedudding", 1 August 1945 (B-24).
- F-11. "Declaration of Excess, Auxiliary Installations...", 28 December 1945 (B-25).
- F-12. "Questionnaire Relative to Bombing Targets", 27 August 1946 (B-26).
- F-13. "Decontamination of Bombing and Gunnery Ranges", 10 October 1946 (B-27)
- F-14. "Short Form Appraisal", 3 February 1947 (B-28).

F-15. "Dedudding Report", 20 October 1947 (B-29).

F-16. "Ground Water Atlas of the United States...",
19 February 1998 (B-36).



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Ecological Services
Ventura Field Office
2493 Portola Road, Suite B
Ventura, California 93003

January 30, 1996

Shirley Daniels
Information Management Specialist
Attention: SIOAC-ESL
Department of the Army
U. S. Army Technical Center for Explosive Safety
Savanna, Illinois 61074-9639

Subject: Species List for Specified Areas near Victorville, San Bernardino County, California

Dear Ms. Daniels:

This letter is in response to your facsimile transmission, dated and received on January 8, 1996 requesting a compilation of listed and candidate species that may occur in the following specific areas near Victorville, California.

PBR Y- Township 4N, Range RE, Sections 24 and 25
PBR 1- Township 6N, Range 5E, Sections 19 and north ½ of 30
PBR 13 - Township 3N, Range 4E, Section 6

These areas may contain unexploded ordnance and explosive wastes. The U.S. Army Technical Center for Explosive Safety (USATCES) is preparing to survey the above areas for unexploded ordnance. The information enclosed in this letter will be used by the USATCES in preparation for the survey.

Our records indicate that the federally listed desert tortoise (*Gopherus agassizii*) is likely to occur within the survey area.

This letter fulfills the requirements of the 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 Department of the Army (Army) 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 Army still has the responsibility to review its proposed activities and determine whether the listed species will be affected.

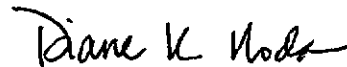
Shirley Daniels

2

During the assessment or review process, the Army 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 Endangered Species Act. If a listed species may be affected, the Army should request, in writing through our office, formal consultation pursuant to section 7 of the Act. Informal consultation may be used to exchange information and resolve conflicts with respect to listed species prior to a written request for formal consultation.

Should you have any questions regarding the species listed, or your responsibilities under the Act, please contact Doug Laye of my staff at (619) 255-8844.

Sincerely,



Diane K. Noda
Field Supervisor

Enclosure

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.

NDDDB Notice

The Natural Diversity Data Base (NDDDB) is constantly being updated and expanded. All locational data entered into the NDDDB are based on actual field sightings. The absence of a listed species from the following county accounts does not necessarily mean it is absent from the county, only that no occurrence data are currently entered into the NDDDB.

Data from the Data Base does not constitute an official response from a state agency, will not in itself meet the requirements of the California Environmental Quality Act and does not replace the need for conducting field work.

There are several categories of endangered species. Both federal and state categories are defined.

The data is available via a [clickable map](#) or a [text list](#).

*State of California,
Department of Fish & Game
1416 9th Street
Sacramento, Ca 95814*

rev: 9/23/96

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	COCYZUS 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



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.

~~CONFIDENTIAL~~

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)

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.

0-3

April 13, 1942.

SUBJECT: Victorville Army Flying School, Victorville, California -
 Contract No. W-74-Eng-2196 - Bombing Targets - Notice
 of Completion and Release to Air Corps.

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

1. Confirming letter dated April 1, 1942 from the Area Engineer, you are informed that Bombing Targets Nos. 7, 9 and 11, under your above mentioned 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. 7, 9 and 11 be submitted to this office in writing.

Edwin G. Linton,
 Colonel, Corps of Engineers,
 District Engineer.

0-3

1st Ind.

Headquarters, Victorville Army Flying School, Victorville, California,
 15 May 1942. To: The District Engineer, U. S. Engineer Office, 751
 South Figueroa Street, Los Angeles, California.

Hereby accepting Bombing Targets 7, 9, and 11, for
 this Station.

For the Commanding Officer:

THOMAS J. GIBBY, JR.
 Lt. Col., Air Corps
 Executive

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.

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	$SE\frac{1}{2}$ 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	$E\frac{1}{2}SW\frac{1}{2}SE\frac{1}{4}$ Sec. 34; $W\frac{1}{2}SW\frac{1}{4}$ Sec. 35; $SW\frac{1}{2}NW\frac{1}{4}$ Lot 4 Sec. 2; $S\frac{1}{2}NE\frac{1}{4}SE\frac{1}{4}$ 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; $SW\frac{1}{2}SE\frac{1}{4}$ 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	Out 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. 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.)

CALIFORNIA

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WITHDRAWING PUBLIC LANDS FOR USE OF THE
WAR DEPARTMENT AS BOMBING TARGET SITES

By virtue of the Authority vested in the President and pursuant to Executive Order No. 9337 of April 24, 1943: IT IS ORDERED, As follows:

Subject to valid existing rights, the public lands in the following-described areas are hereby withdrawn from all forms of appropriation under the public-land laws, including the mining and mineral-leasing laws, and reserved for the use of the War Department as bombing target sites:

San Bernardino Meridian

- | | |
|---|--|
| <p>T. 5 N., R. 1 W.,
 Sec. 22, E1/2SW1/4 and SE1/4;
 Sec. 23, W1/2SW1/4;
 Sec. 26, W1/2SW1/4;
 Sec. 27, NE1/4 and E1/2NW1/4.
 T. 6 N., R. 1 W., Sec. 4.
 T. 4 N., R. 2 W.,
 Sec. 5, SW1/4;
 Sec. 6, SE1/4;
 Sec. 7, NE1/4;
 Sec. 8, NW1/4.
 T. 6 N., R. 2 W.,
 Sec. 27, S1/2SW1/4;
 Sec. 28, S1/2SE1/4;
 Sec. 33, NE1/4 and N1/2SE1/4;
 Sec. 34, NW1/4 and N1/2SW1/4.
 <u>T. 5 N., R. 3 W., Sec. 12.</u>
 T. 6 N., R. 3 W., Sec. 21.
 T. 4 N., R. 1 E.,
 Sec. 21, E1/2;
 Sec. 22, W1/2.
 T. 5 N., R. 1 E.,
 Sec. 3, SW1/4;
 Sec. 4, SE1/4;
 Sec. 9, NE1/4;
 Sec. 10, NW1/4.
 T. 4 N., R. 2 E.,
 Sec. 1, SE1/4SE1/4;
 Sec. 12, E1/2NE1/4 and NE1/4SE1/4.</p> | <p>T. 5 N., R. 2 E.,
 Sec. 2, lot 4, SW1/4NW1/4;
 Sec. 3, lots 1, 2, 3, S1/2NE1/4, and SE1/4;
 T. 6 N., R. 2 E.,
 Sec. 34, E1/2SW1/4 and SE1/4;
 Sec. 35, W1/2SW1/4.
 T. 4 N., R. 3 E.,
 Sec. 6, S1/2SW1/4 and SW1/4SE1/4;
 Sec. 7, W1/2 NE1/4, NW1/4, N1/2SW1/4, and
 NW1/4SE1/4.
 T. 6 N., R. 3 E.,
 Sec. 35, E1/2;
 Sec. 36, W1/2.
 T. 3 N., R. 4 E., Sec. 6
 T. 4 N., R. 4 E., Sec. 5, N1/2.
 T. 5 N., R. 4 E., Sec. 32, S1/2.
 T. 4 N., R. 5 E.,
 Sec. 30, S1/2, unsurveyed.
 Sec. 31, N1/2, unsurveyed.
 T. 6 N., R. 5 E., Sec. 30.
 T. 2 N., R. 6 E.,
 Sec. 26, W1/2;
 Sec. 27, E1/2.
 T. 4 N., R. 6 E., Sec. 29.
 T. 3 N., R. 6 E.,
 Sec. 24, SE1/4;
 Sec. 25, NE1/4.
 T. 3 N., R. 7 E.,
 Sec. 19, SW1/4;
 Sec. 30, NW1/4.</p> |
|---|--|

The areas described, including both public and non-public lands, aggregate 11,560.08 acres.

This order shall take precedence over, but shall not rescind or revoke, the withdrawal for classification and other purposes made by Executive Order No. 6910 of November 26, 1934, as amended, so far as such order affects the above-described lands.

It is intended that the public lands described herein shall be returned to the administration of the Department of the Interior, when they are no longer needed for the purpose for which they are reserved.

ABE FORTAS,
Acting Secretary of the Interior

May 20, 1943.

(F. R. Doc. 43-8566; Filed, May 27, 1943; 9:34 a.m.)

HEADQUARTERS
VICTORVILLE ARMY FLYING SCHOOL
VICTORVILLE, CALIFORNIA

013 JFB/eb

In reply
refer to:

13 April 1945

SUBJECT : **Abandonment of Target No. 9.**

TO : **Commanding General, Army Air Forces, Washington 25, D. C. ,
(THRU: Commanding General, Army Air Forces, Western Flying
Training Command, 1102 West 6th Street, Santa Ana, California).**

1. In compliance with War Department Circular No. 306, dated 18 July 1944, Bombing Target No. 9, Victorville Army Air Field is hereby reported as no longer necessary for current requirements.

2. The following information is submitted in accordance with Paragraph 12, War Department Circular No. 306, dated 18 July 1944.

a. Bomb target No. 9 is located approximately 35 miles east of Victorville Army Air Field on property located as follows:

NE $\frac{1}{4}$ of SW $\frac{1}{4}$ of Section 34 and SE $\frac{1}{4}$ of Section 34 and W $\frac{1}{2}$ of SW $\frac{1}{4}$ of Section 35, TWP 6N, R2E, S8B & M, and W $\frac{1}{2}$ of NW $\frac{1}{4}$ of Section 2, and NE $\frac{1}{4}$ of Section 3 and E $\frac{1}{2}$ of NW $\frac{1}{4}$ of Section 3, TWP 5N, R2E, S8B & M, San Bernardino County, California. This target comprises approximately 640 acres of Public Domain that has been transferred to the War Department by Public Land Order No. 125.

b. The property is desert land and the improvements consist of a three strand barbed wire fence and target outlines marked on the ground with black road six. Since the target outlines require periodical maintenance, it is believed that the site can be abandoned without undue loss.

c. Site has been used for bombing target, but is no longer required due to a change in training program.

d. Surplus status is recommended.

e. Property could be used by other Federal Agencies.

f. Is available for surplus status as of 18 January 1945.

g. Site is on government land, therefore there are no commitments.

Barro-Stein-Steel

Basis: Ltr, VAAF, Sub: Abandonment of Target No. 9, 13 April 1945

- h. There are no auxiliary facilities.**
- i. There are no commitments to other Army or Federal Agencies.**

For the Commanding Officer:

**ROBERT C. DAVISON
Captain, Air Corps
Adjutant**

AFDIN 3C/f

WAR DEPARTMENT
HEADQUARTERS OF THE ARMY AIR FORCES
WASHINGTON, D. C.

11 June 1945

SUBJECT: Abandonment of Targets Nos. 6, 9, and 15, and Y and Z,
Victorville Army Air Field, California.

TO: Commanding General, Army Service Forces, Washington 25, D. C.
Attn: Director of Plans and Operations.

1. There are inclosed communications from the Commanding General, Army Air Forces Training Command, reporting as surplus five targets, enumerated below, at Victorville Army Air Field, California. The designation of the targets and the nature of the interest acquired by the United States are as follows:

a. Target No. 6, comprising 240 acres, acquired in fee, 320 acres of public domain, 80 acres under Lease No. W-04-193-eng-5550.

b. Target No. 9, comprising 640 acres of public domain, transferred to the War Department by Public Land Order No. 125.

c. Target No. 15, comprising 640 acres of public domain, transferred to the War Department by Public Land Order No. 125.

d. Target "Y", situated 50 miles ESE of Victorville Army Air Field, in Sections 24 and 25, TWP 4N, R4E, and Section 19 and $N\frac{1}{2}$ of Section 30, TSP 4N, Range 5E, San Bernardino County, California. Acreage not known. Land owned in fee by the government.

e. Target "Z", comprising 2,560 acres of public land which has not been withdrawn for use by the War Department, and approximately 1,449.12 acres held under Lease No. W-04-193-eng-4536.

2. The Basic communications from the Commanding Officer, Victorville Army Air Field, together with indorsements, set forth the information required by paragraphs 12 and 13, Cir. 89, WD, 1945. It is requested that the aforementioned installations be declared surplus in accordance with the referenced circular.

FOR THE COMMANDING GENERAL:

5 Incls

1. Ltr fr CO, V. AAFld to CG,AAF, 12 Apr 45, w/2 Incls
2. Ltr fr CO, V. AAFld to CG,AAF, 13 Apr 45, W/2 Incls
3. Ltr fr CO, V. AAF to CG,AAF, 12 Apr 45, w/2 incls.
4. Ltr fr CO, V.AAF, to CG,AAF, 26 Apr 45, w/2 Incls.
5. Ltr fr CO, V/AAF, to CG/AAF 26 Apr 45, w/2 Incls.

/s/ Lucius M. Sargent, Lt. Col., A.C.,
LUCIUS M. SARGENT, LT. COL., A.C.,
Assn't Chief, Air Installations Div
Office of Ass't Chief of Air Staff,
Material and Services

Handwritten:
10/2/42
PSC
10/2/42

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. S. Wharfield*
H. S. WHARFIELD
Lt. Col., FA
Executive, Plans and
Operations Division

SPECO

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.

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:

Incls: n/c

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

10-1-1 (Victorville Army Air Field) - 20 Aug 1945 - GBA/ag

File

~~RESTRICTED~~

IMMEDIATE ACTION

RESTRICTED BY COMBINATION
REMOVED PER E.O. 12958

28 71
(28)

Basic: Ltr frm SBATSC to CG, ATSC dtd 7 Dec 45, subj: "Declaration as Excess, Auxiliary Installations of Victorville Army Air Field, Victorville, California"

1st Ind

TSCON6/JMG/jn

HQ ATSC Wright Field, Dayton, Ohio

DEC 28 1945

TO: Commanding General, Army Air Forces, Washington 25, D. C., ATTN: Office, Assistant Chief of Air Staff-4, Air Installations Division

1. This Headquarters approves request contained in preceding basic communication to the effect that the auxiliary installations of Victorville Army Air Field, Victorville, California, consisting of auxiliary landing fields, bombing targets, demolition targets, and the Mirage Lake Glider School, as specifically described therein, be declared excess to the needs of Air Technical Service Command, effective 7 December 1945.

2. It is noted that certain auxiliary landing fields to Victorville Army Air Base were declared excess to the needs of the Army Air Forces to the Commanding General, Army Service Forces, under date of 3 November 1945. This correspondence is forwarded to insure that the balance of the auxiliary facilities described in the basic communication be declared excess to the needs of this Command.

3. Information in accordance with paragraph 12a, War Department Circular No. 89, dated 20 March 1945, and paragraphs 10 and 11, AAF Regulation No. 85-3, dated 12 May 1945, is submitted in basic letter.

4. It is requested that this Headquarters be advised of the action taken in this matter.

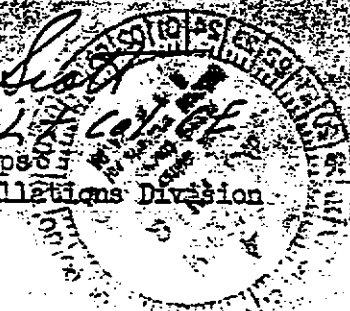
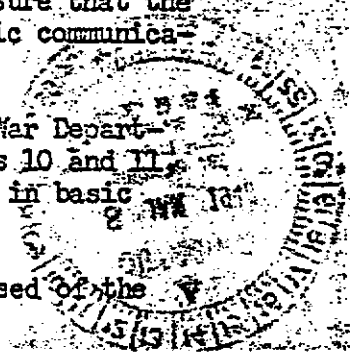
FOR THE COMMANDING GENERAL:

John G. Griggs

JOHN G. GRIGGS
Colonel, Air Corps
Chief, Air Installations Division

2 Incls-n/c
(1 copy ea Incl w/d)

cc: Division Engineer
Pacific Division



Classification cancelled by Authority Acty. Asst. Chief of Staff, G-4 WDGS, Memorandum WDGS 331 (3 Jan 44) dated 3 January 1946

John G. Griggs
Colonel, Air Corps
24 Jan 1946

IMMEDIATE ACTION

F-11



HEADQUARTERS
SAN BERNARDINO AIR TECHNICAL SERVICE COMMAND

SBCON2A/CEB/rv

IN REPLY REFER TO:

SAN BERNARDINO ARMY AIR FIELD, CALIFORNIA.

SBATSC 601.53

DEC 7 1945

SUBJECT: Declaration as Excess, Auxiliary Installations of Victorville Army Air Field, Victorville, California

TO: Commanding General
Air Technical Service Command
Wright Field, Dayton, Ohio
ATTN: Air Installations Division, TSCON

1. In accordance with War Department Circulars No. 89, dated 20 March 1945, and No. 326, dated 25 October 1945, the auxiliary installations of Victorville Army Air Field, Victorville, California, consisting of a. Auxiliary Landing Fields, b. Bombing Targets, c. Demolition Targets, d. Mirage Lake Glider School, all as described below, are no longer required and are declared excess to the needs of this Command. It is requested that appropriate action be taken to dispose of the Government-owned facilities, to cancel all pertinent leases and transfers and to restore the original premises to the respective lessors or to the Public Domain.

a. Auxiliary Landing Fields: (Regional Map VAAF File No. 256, revised 8 March 1945, inclosure No. 1).

- (1) Field No. 1, located approximately 21 miles North of VAAF in T 10 N, R 5 W, SB B&M, comprising 640 acres Public Domain; Government-owned facilities include 4 field mix surfaced runways, 3 buildings and 4 miles of 4-strand barbed wire fence.
- (2) Field No. 2, located 15 miles North of VAAF in T 9 N, R 4 W, SB B&M, comprising 640 acres in fee; Government-owned facilities include 4 field mix surfaced runways, 3 buildings, skeet range, and 4 miles of 4-strand barbed wire fence.
- (3) Field No. 3, located 11 miles West of VAAF in T 6 N, R 7 W, SB B&M, comprising 640 acres in fee; Government-owned facilities include 4 field mix surfaced runways, 3 buildings and 4 miles of 4-strand barbed wire fence.

Classification cancelled by authority Acty. Asst. Chief of Staff
G-6 WDGA Memorandum WDCST 331 (3 Jan 44) dated 3 January 1945

~~RESTRICTED~~

F-11

Grayson Headley
GRAYSON HEADLEY, Lt. Col., G-6
Legislative & Liaison Division, WDCB
24 Jan 1945

RE 4754
11-513

~~RESTRICTED~~

Basic: Ltr fr SBATSC to CG, ATSC, 601.53, Subj: "Declaration as Excess, Auxiliary Installations of Victorville Army Air Field, Victorville, California". (Cont'd)

- (8) Target No. 8, located 29 miles Southeast of VAAF in T 4 N, R 1 E, SB B&M, comprising 640 acres Public Domain; Government-owned facilities include 3 circular areas surfaced with field mix.
- (9) Target No. 9, located 34 miles East of VAAF in T 5 & 6 N, R 2 E, SB B&M, comprising 657.28 acres Public Domain.
- (10) Target No. 10, located 38 miles Southeast of VAAF in T 4 N, R 2 & 3 E, SB B&M, comprising 649.54 acres Public Domain; Government-owned facilities are the same as Target No. 2.
- (11) Target No. 11, located 42 miles East of VAAF in T 6 N, R 3 E, SB B&M, comprising 640 acres, 320 acres Public Domain and 320 acres leased—Lease No. W 04-193-Eng-5327, Lessor, State of California; Government-owned facilities are the same as Target No. 2.
- (12) Target No. 12, located 45 miles East of VAAF in T 4 & 5 N, R 4 E, SB B&M, comprising 617.12 acres Public Domain; Government-owned facilities are the same as Target No. 2.
- (13) Target No. 13, located 45 miles Southeast of VAAF in T 3 N, R 4 E, SB B&M, comprising 636.30 acres Public Domain; Government-owned facilities are the same as Target No. 2.
- (14) Target No. 14, located 49 miles East of VAAF in T 6 N, R 5 E, SB B&M, comprising 640.46 acres Public Domain; Government-owned facilities are the same as Target No. 2.
- (15) Target No. 15, located 51 miles Southeast of VAAF in T 4 N, R 5 E, SB B&M, comprising 640 acres Public Domain (surplus).
- (16) Target No. 16, located 50 miles East-Southeast of VAAF in T 4 & 5 N, R 5 E, SB B&M, comprising 640 acres Public Domain; Government-owned facilities same as Target No. 2.

Classification cancelled by authority Actg. Asst. Chief of Staff,
CG WDGS, Memorandum WDACT 331 (3 Jan 44) dated 3 January 1944

~~RESTRICTED~~

WATSON HEARLEY, Lt. Col., GSC
Regulatory & Liaison Division, WDGS

F-11

RE 4754

24 Jan 1944

~~RESTRICTED~~

Basic: Ltr fr SBATSC to CG, ATSC, 601.53, Subj: "Declaration as Excess, Auxiliary Installations of Victorville Army Air Field, Victorville, California". (Cont'd)

i. Auxiliary Facilities: As described in preceding paragraph 1.

j. Commitments to Other Army or Federal Agencies: Records of the Air Installations Office, SBATSC, disclose no commitments to other Army or Federal agencies.

k. Necessity for Service Detachment: Not applicable.

3. It is requested that this declaration of excess be processed as soon as practicable in order that appropriate directives may be published authorizing the Division Engineer to take over disposal of the property.

4. It is further requested that this Headquarters be advised of action taken on this declaration of excess.

James W. Spry
JAMES W. SPRY
Brigadier General, USA
Commanding

2 Incls.

Incl 1 - Regional Map VAAF 256 (in dup).

Incl 2 - OCE Dwg 147-P (in dup).

Classification cancelled by authority Acty. Asst. Chief of Staff,
G-3 WDSR, Memorandum WDOCT 331 (3 Jan 44) dated 3 January 1944

Raymond Headley
RAYMOND HEADLEY, Lt. Col., USA
Signature & Liaison Division, WDSR

~~RESTRICTED~~

24 Jan 1946

RE 4754-5

PSIRM 602, subj: "Neutralization of Unexploded Ammunition and Duds," to
CG, Hq, WFTG, Randolph Field, Texas, 27 Aug 46

VAAF 416

3rd Ind

CONL/REM/JGC/bw

HQ, VAAF, Victorville, California, 23 September 1946

TO: Commanding General, San Bernardino Air Materiel Area, San Bernardino,
California.

1. Attached hereto is completed questionnaire relative to Bombing
Targets formerly assigned Victorville Army Air Field.

2. All Bombing Targets were transferred to the Los Angeles District
Engineer, 30 April 1946. It is understood that certain of the Bombing
Targets were transferred to the Air Tactical Command, March Field.

FOR THE COMMANDING OFFICER:

HAROLD G. SMITH
2nd Lt, Air Corps
Asst. Adjutant

3 Incl
Cy Questionnaire - Incl. 1
Dedudding Report (in dup) - Incl. 2
Vicinity Map - Incl. 3

Att. of Gen

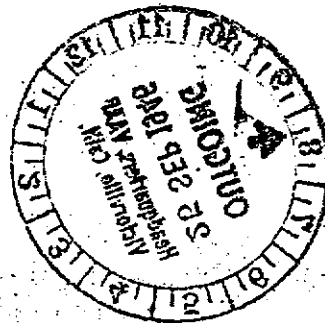
DEBUDDING REPORT ON BOMBING TARGETS FORMERLY ASSIGNED TO
VICTORVILLE ARMY AIR FIELD

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. H-1 - 640 Acres
Target No. 9 - 640 Acres	Target No. H-2 - 640 Acres
Target No. 10 - 640 Acres	Target No. H-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.



In Reply Address Both
Communication and En-
velope to Attention of
Following Office Symbol:

ARMY AIR FORCES
HEADQUARTERS
AIR MATERIEL COMMAND

TSCON3C/DFO/jll
Wright Field, Dayton, Ohio
Oct. 10, 1946

TSCON3C

SUBJECT: Decontamination of Bombing and Gunnery Ranges.

TO: Commanding General
San Bernardino Air Materiel Area
San Bernardino Army Air Field
San Bernardino, California

ATTN: Air Installations Office

1. Attention is invited to the contents of paragraphs 3 and 4 of War Department Circular No. 195 relating to statements concerning decontamination action required in connection with all declarations of excess covering Bombing and Gunnery Ranges.

2. For your information, advice is informally furnished that the War Department General Staff will declare surplus Army Air Forces Bombing and Gunnery Ranges even though same have not been policed and all unexploded "duds" thereat have not been disarmed. It is, therefore, requested that any of subject ranges which are under your jurisdiction and are excess to the needs of your Command be so reported to this Headquarters together with all information regarding such policing and decontamination action as already may have been accomplished or remains to be accomplished. In the event that such ranges are thereafter determined to be surplus to the needs of the War Department, the appropriate Division Engineer then will assume responsibility for such further policing and decontamination as may be feasible and warranted.

3. In this connection it is understood that funds available to the Chief of Engineers for decontamination of surplus lands are extremely limited. It is, therefore, imperative that the Commanding Officer of each installation, or the tactical commander having responsibility for the operation of an area for which an installation commander is not otherwise responsible, make persistent and continuous effort with the means at hand to police and decontaminate range lands to the maximum extent possible.

C O P Y C O P Y C O P Y
BASIC: Ltr fr AMC subj: "Decontamination of Bombing and Gunnery Ranges."

4. In view of the foregoing, all declarations of excess covering bombing and gunnery ranges should be submitted to this Headquarters in accordance with the provisions of War Department Circular No. 89, dated 20 March 1945, and also include the information required by paragraph 2 above.

BY COMMAND OF LIEUTENANT GENERAL TWINING:

/s/Kirk H. Scott, Lt. Col.C.E.
for:JOHN G. GRIGGS
Colonel, Air Corps
Chief, Air Installations Division

C
O
P
Y

C
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P
Y

601. (Victorville Bombing Targets
Nos. 1 to 9 inc., 11, 13 and 19)

Los Angeles, California
3 February 1947

SUBJECT: Short Form Appraisal.

TO: The Chief of Engineers
War Department
Washington 25, D. C.

Purpose of the Appraisal:

To state an opinion of the fair market value of 12 bombing sites formerly used by Victorville Army Air Field and located near Victorville, San Bernardino County, California, as of 22 January 1947.

Certification:

Pursuant to authorization from the Chief Appraiser of the Los Angeles Sub-Office, the undersigned has examined the above referred to premises and made an investigation for the purpose of determining the above desired valuations. By virtue of examination and investigation made, and by virtue of my experience as an appraiser, I have formed the valuation opinions as set forth on the recapitulation sheet attached hereto and made a part hereof.

I certify that I have no present or intended future interest therein.

A description of the property and details as to the basis for the above valuation opinions follow in the attached sheets.

APPROVED:



F. L. Blaesi
Land Appraiser

Reviewing Appraiser

Date FEB 4 1947

F-14

Victorville Bombing Targets
Nos. 1 to 9 inc., 11, 13 & 19

Location and Legal Description:

See recapitulation sheets attached hereto and made a part hereof.

General Description of Surrounding Area:

All of subject bombing targets are located in the Mojave Desert. This is an arid region with only about one or two inches of rainfall per year. Common desert plants such as mesquite, cactus and sagebrush prevail on subject tracts.

Water was reportedly developed on Tracts 35 and 41 when acquired by the Government, and it is stated said wells were covered by sandbags to protect them from bombing. The present condition of these two wells is not known. Both 12-inch wells were supposedly drilled for purposes of irrigation which project was later abandoned because it proved unprofitable. On other tracts in Apple Valley it is reported water is available at a depth of from 150 to 400 feet. However, on most tracts the water table is much lower and the soils are so sandy, gravelly and rocky that the only use of water, if obtained, would be for household or livestock purposes.

Much of the land in this area is public domain which is indicative of its general small economic value. Many homesteads in this general area have been abandoned.

Most target areas lying within their respective sections of land were cleared of brush when acquired. Most target sites each have a large circle estimated at 600 feet in diameter and two smaller circles on either side estimated to be 300 feet in diameter. The remainder of each target area has usually not been cleared of brush.

Most targets are accessible by automobile whereas a few are accessible by jeep or truck only.

Limited grazing is available in this area for about two or three months in late winter. Where grass exists the carrying capacity is estimated to be from two to five animal units per section per year. (Same as 2 to 5 cow-year-long-or CYL.)

Highest and Best Use:

The highest and best use of Target Nos. 1, 2, 4, 8, 19 and possibly 13 is for desert homesites to be inhabited for health purposes. Water is reportedly obtainable at depths varying from about 150 to 400 feet on these tracts.

The highest and best use of the remainder of the targets including Nos. 3, 5, 6, 7, 9 and 11 is for cattle grazing purposes to be used as a portion of the surrounding areas since a number of sections are required to comprise an economic grazing unit.

Victorville Bombing Targets
Nos. 1 to 9 inc., 11, 13 & 19

General Description of Subject Properties (Cont'd):

- (6) Target No. 6: Is located on a dry lake bed and is level in topography. It is entirely barren, being composed entirely of sand, and has no grazing value whatsoever.
- (7) Target No. 7: Is undulating in topography. It has some small brush. The soil is sandy, gravelly loam with very little grass. The grazing capacity is estimated to be about two or three CYL per section. A small homestead is located about one mile southeast of this property.
- (8) Target No. 8: Is generally level to undulating in topography. It is located about four miles southeasterly from Lucerne and about one-half mile south of a gravel surfaced highway. The grazing capacity is estimated to be about four CYL per section.
- (9) Target No. 9: Is gently rolling in topography. The soil is quite gravelly with an average growth of brush and little grass. The grazing capacity is estimated to be about two CYL per section per year.
- (10) Target No. 11: Very similar to Target No. 9 described above.
- (11) Target No. 13: Is undulating in topography with a slope to the north and has a moderate coverage of brush. Its grazing capacity is estimated at four animal units per section per year.
- (12) Target No. 19: Is undulating to gently rolling in topography and has moderate brush covering. The grazing capacity on said target is estimated to be five CYL per section per year.

Supporting Data:

- (1) Target No. 1: (a) In 1945 the State of California sold about 205 acres located about two or three miles northerly of subject property to Earl R. Nixon and E. W. Tucker for about \$3.00 per acre. The legal descriptions include SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 3; S $\frac{1}{2}$ N $\frac{1}{2}$ SW $\frac{1}{4}$ Section 4; E $\frac{1}{2}$ SW $\frac{1}{4}$ Section 5; E $\frac{1}{2}$ SW $\frac{1}{4}$ Section 7, all in Township 6 North, Range 3 West. These tracts are located at a lower level than subject property on slightly heavier soil with more grass.

Victorville Bombing Targets
Nos. 1 to 9 inc., 11, 13, & 19

Supporting Data (Cont'd):

- (9) Target No. 9: Most land in this area is public domain and has little value; this is true of subject target.
- (a) The Southern Pacific Railroad Company is listing Sections 21 and 33, lying to the west and northwest, at \$2.00 per acre. These sections are similar to subject.
- (b) Southern Pacific Railroad Company is listing Section 29 for \$1.25 per acre. It is located one and one-half miles northwest of subject section and is slightly inferior.
- (10) Target No. 11: No sales or listing were found in this area but it is similar to Target No. 9.
- (11) Target No. 13: No sales or listings were obtained in this area. It has potential value for homesites.
- (12) Target No. 19: No sales were obtained in this area, however the following listings were obtained from the Southern Pacific Railroad Company:
- (a) W $\frac{1}{2}$ Section 9, T2N, R6E, asking \$4.70 per acre for 320 acres.
- (b) SW $\frac{1}{4}$ Section 29, T2N, R6E, asking \$6.25 per acre for 160 acres.
- (c) All of Section 13, T2N, R6E, asking \$5.50 per acre for 640 acres.

General Conclusions:

It is the opinion of the undersigned that those target areas suitable for desert homesites have a value greater than for grazing purposes yet smaller than the values for which scattered selected small 20-acre tracts are selling. Said small tracts have generally been sold by brokers who have been buying larger tracts over a period covering the past two or three years and who are now re-selling this land in smaller tracts to individual buyers at a much greater figure than acquisition cost.

#9

WAR DEPARTMENT
OFFICE OF THE CHIEF OF ENGINEERS
9400 TSU DETACHMENT NO. 14
BOMB AND SHELL DISPOSAL TEAM

20 October 1947

SUBJECT: Report on the dedudding of Victorville Bombing Targets, San Bernardino County, California.

TO: Division Engineer
South Pacific Division
Corps of Engineers, War Dep't.
Oakland Army Base
Oakland 14, California

1. The 9800th TSU-CE Detachment #14, Bomb & Shell Disposal Team, was assigned the clearing of the Victorville Bombing Targets, Victorville, California under Surplus Real Estate Directives, South Pacific Division Numbers: Z-2571-3, X-3019-4, Z-3020-4, Z-3021-4 and Los Angeles District Numbers: Z-1264-3, X-1480-4, Z-1481-4, 1482-4. These Directives cover the dedudding of target Numbers: 6, 8, 9, 15, Y, 1-Z and 2-Z, a total of 9,029.35 acres. The dedudding operations of said targets began 7 July 1947 and were completed 18 October 1947.

2. Five laborers, hired through the Los Angeles District Engineers, and the personnel of the Detachment made up the searching party. Two Project Engineers were also furnished by the Los Angeles District Engineers.

3. The total man-hours, including Civilian and Detachment labor, was 3300 hours. The total Civilian field cost (Salary and Per Diem) was \$8166.00.

4. A team made up of one Project Engineer and one Sergeant from the Detachment surveyed and marked the boundaries of each range ahead of the search crew. The other Project Engineer, in conjunction with a Detachment Sergeant, controlled the search crew.

5. Targets 6, Y and 1-Z are located upon dry lake beds. Targets 8, 9, 15 and 2-Z are located on level desert land. Except for immediate center of the targets which have been cleared of vegetation, the areas are covered with a growth of sage, chapparal and other desert grasses and shrubs.

WAR DEPARTMENT
OFFICE OF THE CHIEF OF ENGINEERS
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6. All of the deduded land covered by this report is suitable for grazing and/or mining only, with the possible exception of targets 8, 9 and 15 which are potential agricultural areas depending on adequate water supply.

7. It is estimated that there is approximately 236 tons of scrap on subject targets. The Los Angeles District Engineers has submitted an estimate for scrap removal on these targets to the Division Engineers for further action.

8. The method of searching was as it was in similar reported jobs. However, the immediate target areas were more heavily impacted and a large percentage of the bombs were buried or partially buried necessitating three passes of the search crew and considerable excavating. The adjacent areas, being alightly impacted and the nature of the terrain, permitted the spacing of the search crew at wider intervals than in previous reported jobs.

9. All blasting was done after the searchers were out of the range or at a latter date. The dud bombs were rid of by placing a sufficient size charge of Composition C-3 on them, so as to explode the bomb or completely demolish it. After detonation the demolition man checked the surrounding area to insure that the object in question had been destroyed.

10. A list of duds found and destroyed are given below:

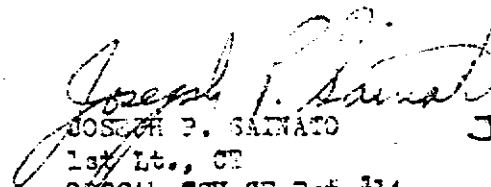
- (a) 2 Bomb, 2,000-pound, Light Case, H. E.,
M38-M38
- (b) 15 Bomb, 100-pound, H. E.
- (c) 1 Bomb, Flare, Aircraft, Parachute, M26
- (d) 629 Bomb, Practice, M38-A2

WAR DEPARTMENT
OFFICE OF THE CHIEF OF ENGINEERS
9800 TSU DETACHMENT NO. 14
BOMB AND SHELL DISPOSAL TEAM

11. I believe the 9,029.35 acres covered by this report to be free from explosive material for the purpose of grazing, mining and/or agricultural purposes.

12. The location of this area is designed by the enclosed map of:

Real Estate
Victorville Army Air Field-Bombing Ranges
Drawing No. 65-FP
State: California
County: San Bernardino



JOSEPH P. SAINATO
1st Lt., CE
9800th TSU-CE Det #14
Bomb & Shell Disposal Team
Commanding

JOSEPH SAINATO



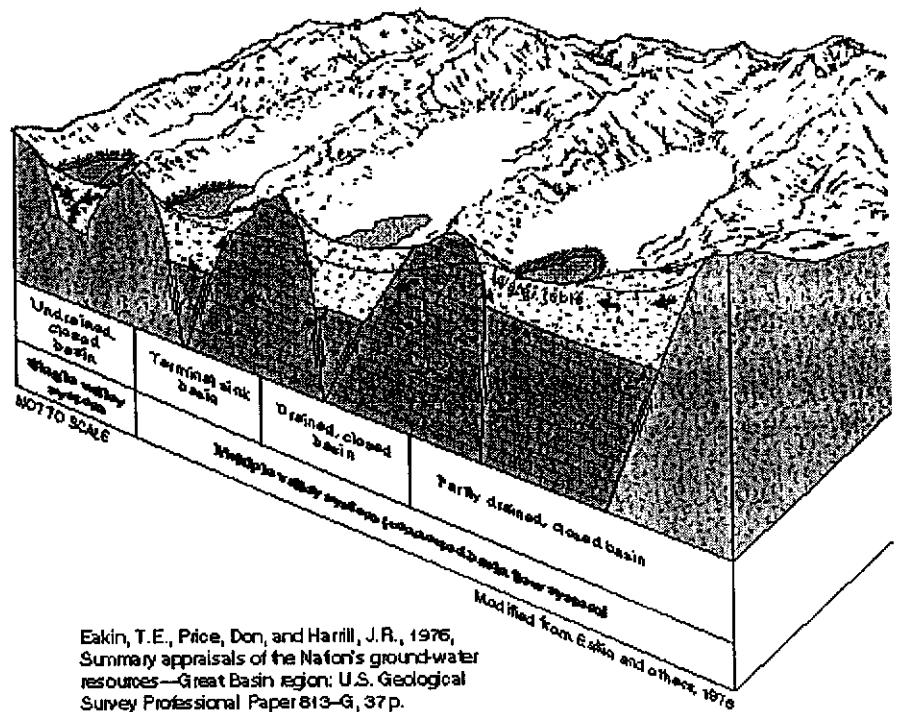
Ground Water Atlas of the United States - Segment 1 California Nevada

GROUND-WATER FLOW SYSTEMS

The ground-water flow systems of the Basin and Range area are in individual basins or in two or more hydraulically connected basins through which ground water flows to a terminal discharge point or sink. Except for relatively small areas that drain to the Colorado River, water is not discharged to major surface-water bodies but is lost solely through evapotranspiration. Each basin has essentially the same characteristics--the impermeable rocks of the mountain ranges serve as boundaries to the flow system, and the majority of the ground water flows through basin-fill deposits. In the area where carbonate rocks underlie the basins, substantial quantities of water can flow between basins through the carbonate rocks and into the basin-fill deposits, but this water also is ultimately discharged by evapotranspiration. Most recharge to the basin-fill deposits originates in the mountains as snowmelt, and, where the mountain streams emerge from bedrock channels, the water infiltrates into the alluvial fans and replenishes the basin-fill aquifer. Intense thunderstorms may provide some direct recharge to the basin-fill deposits, but, in most cases, any rainfall that infiltrates the soil is either immediately evaporated or taken up as soil moisture; little water percolates downward through the unsaturated zone to reach the water table in the valleys. In mountain areas underlain by permeable carbonate rocks, most of the recharge may enter the carbonate rocks and little water remains to supply runoff.

Figure 25. Four types of basins have been identified in the Basin and Range area and are classified on the basis of differences in ground-water flow.

- EXPLANATION**
- Basin-fill deposits
 - Playa that receives ground-water discharge
 - Dry playa
 - Phreatophytes—Plants with roots that extend to water table
 - Low-permeability bedrock
 - Permeable bedrock
 - Direction of ground-water movement
 - Fault—Arrows show relative vertical movement



Eakin, T.E., Price, Don, and Harill, J.R., 1976, Summary appraisals of the Nation's ground-water resources—Great Basin region: U.S. Geological Survey Professional Paper 813-G, 37 p.

Because regional aquifers are not continuous within the Basin and Range area, the individual basins, which are encircled by topographic drainage divides, have been classified as one of four types based on similar recharge-discharge relations (fig. 25 and table 1). The simplest type is the "undrained, closed basin," a single valley in which the underlying and surrounding bedrock is practically impermeable and does not allow interbasin flow, and all recharge is discharged at a sink represented by a playa near the center of the basin. Basins underlain by permeable bedrock commonly are hydraulically connected as multiple valley systems. The "partly drained, closed basin" is underlain or

surrounded by bedrock that is moderately permeable and allows some ground water to flow out of the basin. In this type of basin, some water is evaporated or transpired at the upgradient side of a playa, but most of the water continues to flow past the downgradient side of the playa and leaves the basin. The "drained, closed basin" has a deep water table that prevents evapotranspiration. The bedrock is sufficiently permeable to allow all recharge to flow through it and out of the basin. The "terminal sink basin" is underlain or surrounded by bedrock that is sufficiently permeable to conduct flow into the basin, and the playa in the basin is the discharge point for recharge from several connected basins.

In some places, an existing or ancestral stream course connects several basins that are not closed. The individual basins connected by such streams can also be classified as partly drained, drained, or terminal sink.

Examples of the individual type basins follow, except for the drained closed basin. With the exception that the water table in the drained closed basin is far below the playa, the partly drained and drained closed basins are sufficiently similar that discussion of each type is not warranted.

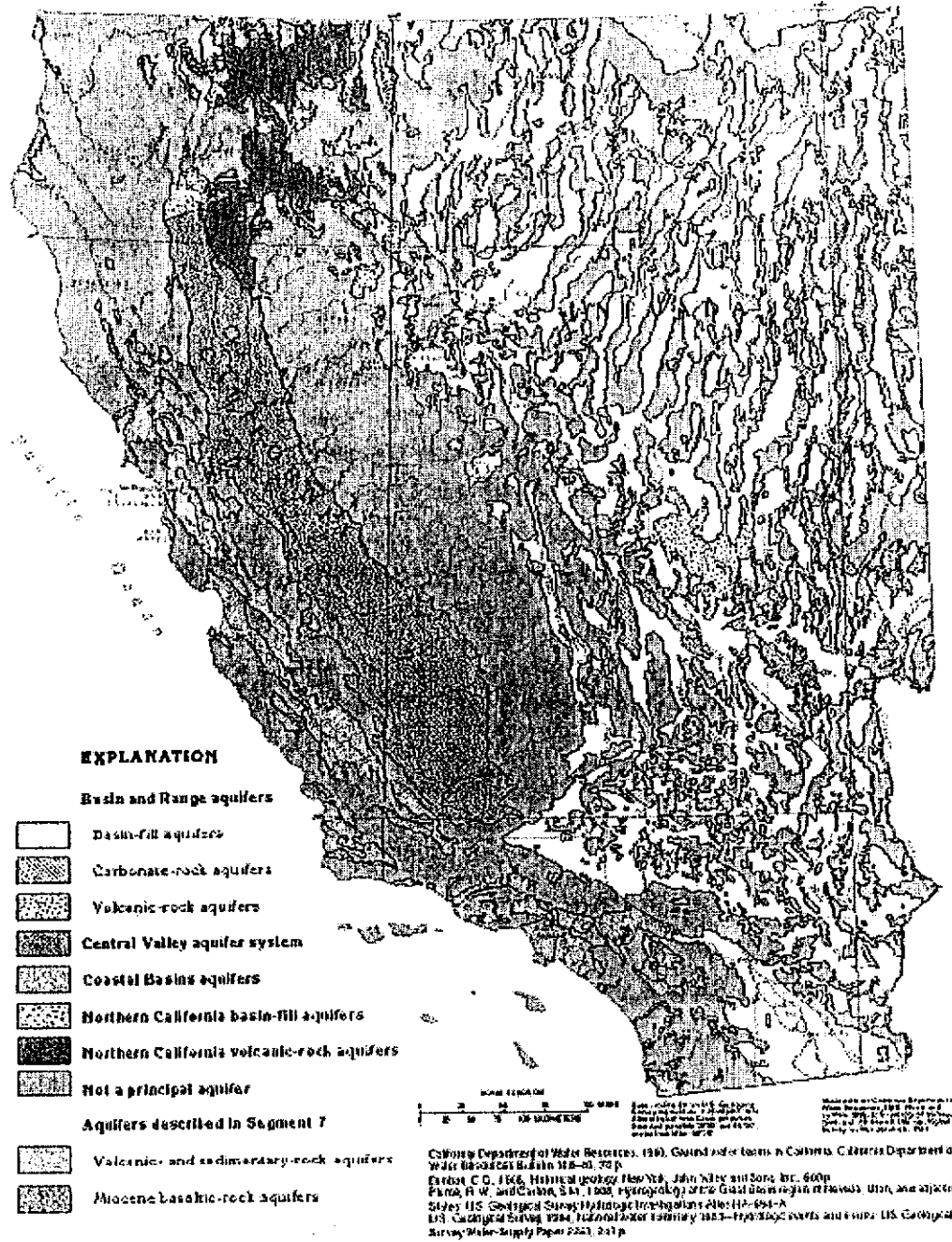
[Back to "Basin-Fill Aquifers"](#) - [Forward to "Single, Undrained, Closed Basin"](#)
[Back to Basin and Range aquifers "Contents"](#)
[Ground Water Atlas Home Page](#)

Back to:

[USGS Earth Resources of California](#)
[USGS Headquarters](#)
[USGS Water Resources - National](#)

The URL for this report is <http://water.wr.usgs.gov/gwatlas/basin/systems.html>.
For questions or comments regarding the USGS World Wide Web contact:
[Dale A. Cox](#)

Figure 11. The aquifers in Segment 1 have been grouped into five major categories of aquifer systems. Although four of the aquifers consist of basin fill deposits, the characteristics of these deposits vary, depending on differences in geology, physiography, and climate.





Ground Water Atlas of the United States - Segment 1 California Nevada

INTRODUCTION

California and Nevada compose Segment 1 of the Ground Water Atlas of the United States. Segment 1 is a region of pronounced physiographic and climatic contrasts. From the Cascade Mountains and the Sierra Nevada of northern California, where precipitation is abundant, to the Great Basin in Nevada and the deserts of southern California, which have the most arid environments in the United States, few regions exhibit such a diversity of topography or environment.

Since the discovery of gold in the mid-1800's, California has experienced a population, industrial, and agricultural boom unrivaled by that of any other State. Water needs in California are very large, and the State leads the United States in agricultural and municipal water use. The demand for water exceeds the natural water supply in many agricultural and nearly all urban areas. As a result, water is impounded by reservoirs in areas of surplus and transported to areas of scarcity by an extensive network of aqueducts.

Unlike California, which has a relative abundance of water, development in Nevada has been limited by a scarcity of recoverable freshwater. The Truckee, the Carson, the Walker, the Humboldt, and the Colorado Rivers are the only perennial streams of significance in the State. The individual basin-fill aquifers, which together compose the largest known ground-water reserves, receive little annual recharge and are easily depleted. Nevada is sparsely populated, except for the Las Vegas, the Reno--Sparks, and the Carson City areas, which rely heavily on imported water for public supplies. Although important to the economy of Nevada, agriculture has not been developed to the same degree as in California due, in large part, to a scarcity of water. Some additional ground-water development might be possible in Nevada through prudent management of the basin-fill aquifers and increased utilization of ground water in the little-developed carbonate-rock aquifers that underlie the eastern one-half of the State. The potential problem of withdrawals in excess of natural recharge, however, will require careful management of ground-water withdrawals.



Ground Water Atlas of the United States - Segment 1 California Nevada

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ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
FOR
THE FORMER
VICTORVILLE PBR #9
BARSTOW, CALIFORNIA
PROJECT NUMBER J09CA069401

APPENDIX G

REAL ESTATE DOCUMENTS

APPENDIX G

REAL ESTATE DOCUMENTS

Table of Contents

- G-1. Final report, real estate summary 1 January 1948
(B-32).

- G-2. San Bernardino County Tax Assessor Document 1997
(B-31).

REAL PROPERTY MANAGEMENT AND DISPOSAL REPORT				DATE OF REPORT 15 March 1948		SPORTS CONTROL SYMBOL ENGL-12(F-1)			
TO: CHIEF OF ENGINEERS ATTENTION: ENGLM WASHINGTON 25, D. C.				FROM (DIVISION) South Pacific					
PART I Addit #1876									
INSTALLATION Victorville Precision Bombing Range #9				LOCATION 28 miles southeast of Barstow					
MILITARY <input checked="" type="checkbox"/> COMMAND <input type="checkbox"/> INDUSTRIAL		CIVIL <input type="checkbox"/> FLOOD CONTROL <input type="checkbox"/> RIVERS AND HARBORS		COUNTY San Bernardino		STATE California			
ACREAGE OF ENTIRE INSTALLATION		W. O. OWNED		PUBLIC LANDS 657		LEASED --			
PART II									
DATE	CLASSIFICATION	E OF P	WAR DEPT OWNED (ACRES) (1)	PUBLIC LANDS (ACRES) (2)	LEASED (ACRES) (3)	LESSER INT (ACRES) (4)	NATURE OF FACILITIES	COST TO GOV (DOLLARS)	CUSTODY BY C.E. (DATE)
6/22/45	Surplus	B	--	657	--	--	Bombing Rge	4500 (Approx)	7/17/45
PART III									
TEMPORARY USE GRANTS									
REF.	IN PROCESS			GRANTED			PURPOSE		
	No.	Acres	Consideration (\$)	No.	Acres	Long Term Goals			
DECLARATION TO WAR ASSETS ADMINISTRATION (GIVE DATES)									
REF.	FORM 1006 REQUESTED	FORM 1005 TO O.C.E.	DECLARED TO WAA	LTR OF ACCEPT	CUSTODY ASSUMED				
TRANSFER OR RETRANSFER TO OTHER GOVERNMENT AGENCIES									
REF.	DATE AUTHORIZED	RECEIVING AGENCY	DATE OF LETTER FROM WAR DEPT	RESTORATION OR REPOS	DATE COMPLETED				
A-2	7/9/45	Dept. of Interior	10/2/45	EL	1/30/48				
LEASE CANCELLATION									
REF.	IN PROCESS OF DISPOSAL			CANCELED					
	No.	Acres	Rental (Dollars)	No.	Acres	Rental (Dollars)			
OTHER WAR DEPARTMENT DISPOSALS									
REF.	DATE AUTHORIZED	DATE NEGOTIATIONS INITIATED	DATE OFFER ACCEPTED	CONSIDERATION (DOLLARS)	DATE COMPLETED OR CUSTODY ASSUMED				
SIGNATURE <i>John M. Keller</i> JOHN M. KELLER									
TITLE Chf		G-1 Estate Div.			ADDRESS Oakland Army Base Oakland 14, Calif				

MILITARY ACQUISITION PROJECT REPORT		DATE OF REPORT		REPORTS CONTROL		
TO WAR DEPARTMENT, OFFICE OF THE CHIEF OF ENGINEERS, REAL ESTATE, REALTY REQUIREMENTS DIVISION, REALTY CONTROL BRANCH, WASHINGTON 25, D.C.		14 November 1947		SYMBOL ENOLC-2 (R1)		
PROJECT NAME Victorville Precision Bombing Range No. 9		DIRECTIVE DATE 2 September 1942		DIRECTIVE NUMBER HE-D-1554		
PURPOSE Auxiliary to Victorville A.A.F.		COUNTY San Bernardino		STATE California		
FINAL REPORT	CURRENT PERIOD			PROGRESS TO DATE		
	TRACTS	ACRES	DOLLARS	TRACTS	ACRES	DOLLARS
GENERAL						
1. TOTAL AUTHORIZED FOR ACQUISITION						
a. Fee						
b. Easements & lesser interests						
c. Public Lands						
d. Leased to U.S.						
ACQUISITION OF FEE, EASEMENTS AND LESSER INT.						
2. TOTAL (Items 1a & 1d)						
3. TRACT OWNERSHIP DATA COMPLETED						
4. TRACT MAPS COMPLETED						
5. APPRAISALS APPROVED						
6. TITLE EVIDENCE ORDERED						
7. TITLE EVIDENCE RECEIVED						
PURCHASE (including Donations)						
8. OPTIONS OBTAINED						
9. OPTIONS ACCEPTED						
10. TITLE EVIDENCE SUBMITTED						
11. PRELIMINARY TITLE APPROVED						
12. PAYMENTS AND CLOSINGS COMPLETED						
13. FINAL TITLE PAPERS SUBMITTED						
CONDEMNATION (including Declarations of Taking)						
14. ASSEMBLIES SUBMITTED						
15. CONDEMNATION PETITION FILED						
16. ORDER OF POSSESSION ENTERED						
17. TITLE EVIDENCE TO U.S. ATTORNEY						
18. DECLARATION OF TAKING FILED						
19. STIPULATIONS AND AWARDS APPROVED						
20. AWARDS AND DEFICIENCIES DEPOSITED						
21. PARTIAL DISBURSEMENTS						
22. FINAL DISBURSEMENTS						
PROJECT MANAGER (Name) <i>John M. Keller</i> JOHN M. KELLER Chief, Real Estate Division		OFFICE ADDRESS SOUTH PACIFIC DIVISION Oakland Army Base Oakland 14, California				

(SEE INSTRUCTIONS)

G-1 B SIDE

INSTRUCTIONS

- a. REPORTS WILL BE PREPARED QUARTERLY AS OF 15 MARCH, 15 JUNE, 15 SEPTEMBER, AND 15 DECEMBER.
- b. REPORTS WILL BE PREPARED IN QUADRUPPLICATE FOR THE FOLLOWING DISTRIBUTION: Forward original and one copy in sufficient time to reach the Office, Chief of Engineers on or before the 22nd of the month in which the report is prepared. One copy forwarded to the Division Office and one copy retained in the project office.
- c. SUBMISSION OF REPORTS WILL BEGIN AS SOON AS NOTICE OF ISSUANCE OF A DIRECTIVE IS RECEIVED AND CONTINUED UNTIL ALL ACTION HAS BEEN COMPLETED, INCLUDING DISTRIBUTION OF FUNDS DEPOSITED ON EXCESS AWARDS.
- d. RECORDS WILL BE MAINTAINED ON A FRACTIONAL ACREAGE AND DOLLAR BASIS. Totals thereof however will be rounded to the nearest acre or dollar in preparing this report. 50 acrs will be reported as an additional acre; 50 cents will be reported as an additional dollar.
- e. THE NUMBER OF TRACTS, ACRES, AND AMOUNT OF MONEY SHOWN IN ITEM 1 OF THE INITIAL REPORT WILL BE AS RECITED IN THE DIRECTIVE. The number of tracts and acres will be revised as the preparation of tract ownership data and tract maps progresses. The amount of money will remain constant under item 1 unless changed by a subsequent Directive.
- f. THIS REPORT WILL COVER ALL TYPES OF ACQUISITION OF REAL ESTATE OR INTERESTS THEREIN:
 1. Tracts involving Public Domain, State owned land not being acquired, or land to be leased will NOT be reported in six columns of report but will be reported under remarks below. Tracts under lease will be identified by contract number, tract number, and acreage.
 2. Completed transactions not involving condemnation which do not follow regular acquisition procedure steps (such as easements, licenses, and donations) will for report purposes be reflected in all purchase steps (items 8-18) and will be identified by appropriate footnote showing interest acquired and number of tracts. Where no actual acreage is involved as in the case of informal agreements to top trees, only "tract" and dollar data will be reported.
- g. ALL TRACTS TRANSFERRED FROM "PURCHASE" TO "DECLARATION OF TAKING" SHOULD BE DEDUCTED FROM ALL "PURCHASE" STEPS AFFECTED AND REPORTED UNDER "DECLARATION OF TAKING".
- h. ALL TRACTS TRANSFERRED FROM "CONDEMNATION" TO "PURCHASE" SHOULD BE DEDUCTED FROM ALL "CONDEMNATION" STEPS AFFECTED AND REPORTED UNDER THE "PURCHASE" STEPS.
- i. WHERE TWO OR MORE "REAL ESTATE DIRECTIVES" HAVE BEEN ISSUED IN CONNECTION WITH THE SAME PROJECT, A SEPARATE REPORT WILL BE SUBMITTED FOR EACH DIRECTIVE. "GENERAL DIRECTIVES" WILL BE REPORTED WITH THE "REAL ESTATE DIRECTIVE" TO WHICH EACH RELATES.

ADDITIONAL TRACTS: DURING THE CURRENT PERIOD, _____ TRACTS, IDENTIFIED AS TRACTS NUMBERS _____ WERE ADDED UNDER THE FOLLOWING AUTHORITY _____ AND FOR THE FOLLOWING REASONS: _____

TRACT REDUCTIONS: DURING THE CURRENT PERIOD, _____ TRACTS, IDENTIFIED AS TRACTS NUMBERS _____ WERE DROPPED UNDER THE FOLLOWING AUTHORITY _____ AND FOR THE FOLLOWING REASONS: _____

REMARKS

* 657.28 acres of Public Domain transferred from Department of Interior by P.L.O. #125 dated 5/20/43.

INSTRUCTIONS

All reports will be prepared on the standard forms in use at the time of preparation.

- REPORTS WILL BE PREPARED MONTHLY AS OF THE 15TH DAY OF EACH MONTH.
- REPORTS WILL BE PREPARED TO QUANTIFY FOR THE FOLLOWING DISTRIBUTION: Forward original and two copies to the Chief of Engineers on or before the 15th day of the month in which the report is prepared. One copy forwarded to the Division Office and one copy retained in the property office.
- MONTH REPORT:** Reports will be prepared commencing with the month in which the installation of any portion thereof is classified as standby, inactive or ready. The continued until property is disposed of by transfer, sale, liquidation of interest or otherwise. Each month portion of the installation is classified as a "standby" and the report prepared. All portions of the installation which are classified as "standby" shall be reported on the report. The report may be prepared when the portion of the installation is classified as "standby" and when the portion of the installation is classified as "inactive" or "ready" shall have been received and temporary use of facilities at the installation. The report shall be prepared on the report. The report shall be prepared on the report.
- PART I:** This part will contain the following information: (1) Name of the installation, (2) Location, (3) Date of installation, (4) Name of the contractor, (5) Name of the engineer in charge, (6) Name of the property officer, (7) Name of the project officer, (8) Name of the sponsor, (9) Name of the funding agency, (10) Name of the contract number, (11) Name of the report number, (12) Name of the report title, (13) Name of the report subtitle, (14) Name of the report author, (15) Name of the report reviewer, (16) Name of the report approver, (17) Name of the report preparer, (18) Name of the report checker, (19) Name of the report distributor, (20) Name of the report recipient.
- PART II:** This part will contain the following information: (1) Description of the installation, (2) Description of the construction, (3) Description of the equipment, (4) Description of the materials, (5) Description of the labor, (6) Description of the other resources, (7) Description of the other facilities, (8) Description of the other services, (9) Description of the other support, (10) Description of the other assistance, (11) Description of the other cooperation, (12) Description of the other collaboration, (13) Description of the other partnership, (14) Description of the other joint venture, (15) Description of the other alliance, (16) Description of the other consortium, (17) Description of the other syndicate, (18) Description of the other cartel, (19) Description of the other pool, (20) Description of the other trust, (21) Description of the other joint arrangement, (22) Description of the other joint project, (23) Description of the other joint effort, (24) Description of the other joint undertaking, (25) Description of the other joint venture, (26) Description of the other joint enterprise, (27) Description of the other joint operation, (28) Description of the other joint activity, (29) Description of the other joint action, (30) Description of the other joint measure, (31) Description of the other joint step, (32) Description of the other joint move, (33) Description of the other joint action, (34) Description of the other joint deed, (35) Description of the other joint act, (36) Description of the other joint omission, (37) Description of the other joint commission, (38) Description of the other joint offence, (39) Description of the other joint violation, (40) Description of the other joint breach, (41) Description of the other joint infringement, (42) Description of the other joint transgression, (43) Description of the other joint trespass, (44) Description of the other joint encroachment, (45) Description of the other joint intrusion, (46) Description of the other joint interference, (47) Description of the other joint disturbance, (48) Description of the other joint annoyance, (49) Description of the other joint nuisance, (50) Description of the other joint obstruction, (51) Description of the other joint hindrance, (52) Description of the other joint impediment, (53) Description of the other joint obstacle, (54) Description of the other joint barrier, (55) Description of the other joint impediment, (56) Description of the other joint hindrance, (57) Description of the other joint obstruction, (58) Description of the other joint impediment, (59) Description of the other joint obstacle, (60) Description of the other joint barrier.
- PART III:** This part will contain the following information: (1) Summary of the installation, (2) Summary of the construction, (3) Summary of the equipment, (4) Summary of the materials, (5) Summary of the labor, (6) Summary of the other resources, (7) Summary of the other facilities, (8) Summary of the other services, (9) Summary of the other support, (10) Summary of the other assistance, (11) Summary of the other cooperation, (12) Summary of the other collaboration, (13) Summary of the other partnership, (14) Summary of the other joint venture, (15) Summary of the other alliance, (16) Summary of the other consortium, (17) Summary of the other syndicate, (18) Summary of the other cartel, (19) Summary of the other pool, (20) Summary of the other trust, (21) Summary of the other joint arrangement, (22) Summary of the other joint project, (23) Summary of the other joint effort, (24) Summary of the other joint undertaking, (25) Summary of the other joint venture, (26) Summary of the other joint enterprise, (27) Summary of the other joint operation, (28) Summary of the other joint activity, (29) Summary of the other joint action, (30) Summary of the other joint measure, (31) Summary of the other joint step, (32) Summary of the other joint move, (33) Summary of the other joint action, (34) Summary of the other joint deed, (35) Summary of the other joint act, (36) Summary of the other joint omission, (37) Summary of the other joint commission, (38) Summary of the other joint offence, (39) Summary of the other joint violation, (40) Summary of the other joint breach, (41) Summary of the other joint infringement, (42) Summary of the other joint transgression, (43) Summary of the other joint trespass, (44) Summary of the other joint encroachment, (45) Summary of the other joint intrusion, (46) Summary of the other joint interference, (47) Summary of the other joint disturbance, (48) Summary of the other joint annoyance, (49) Summary of the other joint nuisance, (50) Summary of the other joint obstruction, (51) Summary of the other joint hindrance, (52) Summary of the other joint impediment, (53) Summary of the other joint obstacle, (54) Summary of the other joint barrier.
- TEMPORARY USE RIGHTS:** Will be reported by similar information as above. The report shall be prepared on the report. The report shall be prepared on the report.
- DECLARATION TO THE ARMY ADMINISTRATION:** The details of the following will be provided: (1) Name of the installation, (2) Location, (3) Date of installation, (4) Name of the contractor, (5) Name of the engineer in charge, (6) Name of the property officer, (7) Name of the project officer, (8) Name of the sponsor, (9) Name of the funding agency, (10) Name of the contract number, (11) Name of the report number, (12) Name of the report title, (13) Name of the report subtitle, (14) Name of the report author, (15) Name of the report reviewer, (16) Name of the report approver, (17) Name of the report preparer, (18) Name of the report checker, (19) Name of the report distributor, (20) Name of the report recipient.
- TRANSFER OF REPORTS TO OTHER GOVERNMENT AGENCIES:** The details of the following will be provided: (1) Name of the installation, (2) Location, (3) Date of installation, (4) Name of the contractor, (5) Name of the engineer in charge, (6) Name of the property officer, (7) Name of the project officer, (8) Name of the sponsor, (9) Name of the funding agency, (10) Name of the contract number, (11) Name of the report number, (12) Name of the report title, (13) Name of the report subtitle, (14) Name of the report author, (15) Name of the report reviewer, (16) Name of the report approver, (17) Name of the report preparer, (18) Name of the report checker, (19) Name of the report distributor, (20) Name of the report recipient.
- LEASE CANCELLATIONS:** Will be reported by similar information as above. The report shall be prepared on the report. The report shall be prepared on the report.
- LEASES AND REPARATION CONTRACTS:** Will be reported by similar information as above. The report shall be prepared on the report. The report shall be prepared on the report.

PART II

Ref	Authority	EMA	Cost to Govt.
A-2	WH #772	657 acres	\$ 4500 (Approx)

PART III

Retransfer to Other Govt. Agency

A-2	PLO #125 Revoked by PLO #442 1/30/48	657.24 acres	\$ 4500 (Approx)
-----	--------------------------------------	--------------	------------------

REALTY CONTROL FILE SUMMARY
(Land Acquisitions and Disposals Subsequent to July 1940)

RESERVATION NAME 1876

Victorville Precision Bombing Range No. 9, California

OFFICIALLY DESIGNATED BY

LOCATION

In San Bernardino County, 28 miles Southeast of Barstow

TYPE

Auxiliary to Victorville Army Air Field

LAND OWNERSHIP AND COST DATA

ACQUISITION ACTIONS

Exhibits "A"

NET AREA

657.28 acres, total area acquired
657.28 acres
0.00

DISPOSAL ACTIONS

GROSS COST

JURISDICTION

RELOCATIONS

FINAL PROJECT MAP

Exhibit "F"

MISCELLANEOUS PAPERS

REMARKS:

- * Public Land Order No. 125, dated 5-20-43.
- ** Relinquished to Dept. of Interior by letter dated 10-2-46.
P. L. O. No. 125 Revoked by P. L. O. No. 442 dated 1-30-48.

0448-011-03	SF PACIFIC PROPE 201 MISSION ST+SAN FRANCISCO CA --VACANT--	94105 RECREATIONAL ALL SEC 29 TP 6N R 2E 640 AC	000	640.00A	478	41,524	17775	NOSTRAM
0448-011-04	GOVERNMENT LAND #FILE+ --VACANT--	INSTITUTE/ANNUAL EXMPT SEC 32 TP 6N R 2E 640 AC	000					NOSTRAM
0448-011-05	GOVERNMENT LAND #FILE+ --VACANT--	INSTITUTE/ANNUAL EXMPT FRACTL SEC 31 TP 6N R 2E 639.68 AC	000					NOSTRAM
0448-011-06	GOVERNMENT LAND #FILE+ --VACANT--	INSTITUTE/ANNUAL EXMPT FRACTL SEC 30 TP 6N R 2E 650.04 AC	000					NOSTRAM
0448-021-01	SF PACIFIC PROPE 201 MISSION ST+SAN FRANCISCO CA --VACANT--	94105 RECREATIONAL ALL SEC 21 TP 6N R 2E 658.28 AC	000	658.28A	491	42,690	01710/00 11775	NOSTRAM
0448-021-02	GOVERNMENT LAND #FILE+ --VACANT--	INSTITUTE/ANNUAL EXMPT SEC 22 TP 6N R 2E 640 AC	000					NOSTRAM
0448-021-03	GOVERNMENT LAND #FILE+ --VACANT--	INSTITUTE/ANNUAL EXMPT SEC 27 TP 6N R 2E 640 AC	000					NOSTRAM

0447-011-23

K 0 4

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1998 EDITION

SAN BERNARDINO COUNTY PARCEL LIST BY PARCEL NUMBER

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	SR LOT RUM ROOF	1ST 2ND TAXES	LAND VAL ASSD VIEW	REC DATE DOC NO TFR VAL EX
0448-021-04	GOVERNMENT LAND #FILE+ --VACANT--	INSTITUTE/ANNUAL EXMPT SEC 34 TP 6N R 2E 640 AC		000						NOSTRAM
0448-021-05	UNITED STATES OF #FILE+ --VACANT--	RECREATIONAL ALL SEC 33 TP 6N R 2E 640 AC		000				583	50,958	NOSTRAM
0448-021-06	GOVERNMENT LAND #FILE+ --VACANT--	INSTITUTE/ANNUAL EXMPT SEC 28 TP 6N R 2E 640 AC		000						NOSTRAM
0448-031-01	GOVERNMENT LAND #FILE+ --VACANT--	INSTITUTE/ANNUAL EXMPT SEC 23 TP 6N R 2E 640 AC		000						NOSTRAM
0448-031-02	GOVERNMENT LAND #FILE+ --VACANT--	INSTITUTE/ANNUAL EXMPT SEC 24 TP 6N R 2E 640 AC		000						NOSTRAM
0448-031-03	UNITED STATES OF #FILE+ --GENERAL OFFICE--	RECREATIONAL ALL SEC 25 TP 6N R 2E EX SW 1/4 SE 1/4 600 AC		322				429	25,469	NOSTRAM
0448-031-04	GOVERNMENT LAND #FILE+ --VACANT--	INSTITUTE/ANNUAL EXMPT SW 1/4 SE 1/4 SEC 25 TP 6N R 2E 40 AC		000						NOSTRAM
0448-031-05	GOVERNMENT LAND #FILE+ --VACANT--	INSTITUTE/ANNUAL EXMPT FRACTL SEC 35 TP 6N R 2E 642.61 AC		000						NOSTRAM
0448-031-06	GOVERNMENT LAND #FILE+ --VACANT--	INSTITUTE/ANNUAL EXMPT SEC 26 TP 6N R 2E 640 AC		000						NOSTRAM
0448-041-01	UNITED STATES OF #FILE+ --GENERAL OFFICE--	RECREATIONAL ALL SEC 1 TP 5N R 2E 650.68 AC		522				532	34,489	NOSTRAM
0448-041-02	GOVERNMENT LAND #FILE+ --VACANT--	INSTITUTE/ANNUAL EXMPT SEC 12 TP 5N R 2E 640 AC		000						NOSTRAM

0448-021-04

L 0 4

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1998 EDITION

SAN BERNARDINO COUNTY PARCEL LIST BY PARCEL NUMBER

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	SR LOT RUM ROOF	1ST 2ND TAXES	LAND VAL ASSD VIEW	REC DATE DOC NO TFR VAL EX
0448-041-03	GOVERNMENT LAND #FILE+ --VACANT--	INSTITUTE/ANNUAL EXMPT SEC 15 TP 5N R 2E		000						NOSTRAM
0448-041-04	GOVERNMENT LAND #FILE+ --VACANT--	INSTITUTE/ANNUAL EXMPT SEC 24 TP 5N R 2E		000						NOSTRAM
0448-041-05	GOVERNMENT LAND #FILE+ --VACANT--	INSTITUTE/ANNUAL EXMPT SEC 25 TP 5N R 2E		000						NOSTRAM
0448-041-06	GOVERNMENT LAND #FILE+ --VACANT--	INSTITUTE/ANNUAL EXMPT SEC 35 TP 5N R 2E 640 AC		000						NOSTRAM
0448-041-09	GOVERNMENT LAND #FILE+ --VACANT--	INSTITUTE/ANNUAL EXMPT SEC 26 TP 5N R 2E		000						NOSTRAM
0448-041-10	GOVERNMENT LAND #FILE+ --VACANT--			000						NOSTRAM
0448-041-11	GOVERNMENT LAND #FILE+ --VACANT--			000						NOSTRAM

G-2

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
FOR
THE FORMER
VICTORVILLE PBR #9
BARSTOW, CALIFORNIA
PROJECT NUMBER J09CA069401

APPENDIX H

NEWSPAPERS/JOURNALS

(Not Used)

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
FOR
THE FORMER
VICTORVILLE PBR #9
BARSTOW, CALIFORNIA
PROJECT NUMBER J09CA069401

APPENDIX I

INTERVIEWS

APPENDIX I

INTERVIEWS

Table of Contents

I-1. Conversation Record, Interview with Mr. Bill Meyers and Mr. Bob Hall.

I-2. Conversation Record, Interview with Mr. Jerry Bronson.

I-3. Conversation Record, Interview with CPT Grimes and 1SG Fortney.

I-4. Conversation Record, Interview with MSGT Hepner and TSGT Glinka.

I-5. Conversation Record, Interview with Mr. Glen Brooks

I-6. Conversation Record, Interview with Mr. Owen Cooper

I-7. Conversation Record, Interview with Mr. Dick Whitbeck.

CONVERSATION RECORD		TIME 0930 PST	DATE 22 January 1998
TYPE			
<input checked="" type="checkbox"/> VISIT		<input type="checkbox"/> CONFERENCE	<input type="checkbox"/> TELEPHONE
			INCOMING
			OUTGOING
NAME OF PERSON CONTACT WITH Bill Myers Bob Hall		ORGANIZATION San Bernardino Sheriff's Department	TELEPHONE NO. (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

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

CONVERSATION RECORD		TIME 8:00	DATE 23 Jan 98
TYPE			
<input checked="" type="checkbox"/> VISIT		<input type="checkbox"/> CONFERENCE	<input type="checkbox"/> 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.			

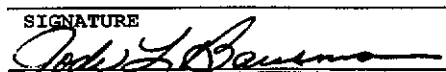
SUMMARY

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 CONVERSATION Jodi L. Bausman	ORGANIZATION CEMVR-ED-DO	TELEPHONE NUMBER (309) 794-6157
SIGNATURE 	TITLE ENG. Tech.	DATE 23 Jan 98

CONVERSATION RECORD	TIME 0930	DATE Wed 28 Jan 1998
----------------------------	---------------------	--------------------------------

TYPE

 VISIT CONFERENCE

<input type="checkbox"/>	TELEPHONE
<input type="checkbox"/>	INCOMING
<input type="checkbox"/>	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 <i>Christopher J. Churney</i>	TITLE Chem Engineer	DATE 28 Jan 1998

CONVERSATION RECORD	TIME 0845	DATE Thu 29 Jan 1998
----------------------------	---------------------	--------------------------------

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						
TYPE									
<input type="checkbox"/> VISIT		<input type="checkbox"/> CONFERENCE							
		<table border="1"> <tr> <td></td> <td>TELEPHONE</td> </tr> <tr> <td></td> <td>INCOMING</td> </tr> <tr> <td>X</td> <td>OUTGOING</td> </tr> </table>			TELEPHONE		INCOMING	X	OUTGOING
	TELEPHONE								
	INCOMING								
X	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
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 Owen Cooper	ORGANIZATION Former Bombardier Cadet	TELEPHONE NO. (410) 747-5991	
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

TYPE

VISIT

CONFERENCE

<input type="checkbox"/>	TELEPHONE
<input type="checkbox"/>	INCOMING
<input type="checkbox"/>	OUTGOING

NAME OF PERSON CONTACT WITH Dick Whitbeck	ORGANIZATION Victorville California	TELEPHONE NO. (619) 386-2127
--	---	---------------------------------


SUBJECT Former Victorville Bombing Range #9.

SUMMARY

Mr. Whitbeck was a COE employee and wrote the INPR for the Victorville PBR #9. He stated that from what he could remember of the particular site there was very little evidence of any type of OE presence. He stated that he did not find any live OE and only small amounts of metal pieces from the old style M-38 practice bombs. Mr. Whitbeck stated that he did not find evidence of any burial sites on the former site.

ACTION REQUIRED
NONE

ACTION TAKEN
NONE

NAME OF PERSON DOCUMENTING COVERSATION James L. Aschnewitz	ORGANIZATION CEMVR-ED-DO	TELEPHONE NUMBER (309) 782-1490
SIGNATURE 	TITLE Safety Specialist	DATE 29 Jan 98

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
FOR
THE FORMER
VICTORVILLE PBR #9
BARSTOW, CALIFORNIA
PROJECT NUMBER J09CA069401

APPENDIX J

PRESENT SITE PHOTOGRAPHS

APPENDIX J

PRESENT SITE PHOTOGRAPHS

Table of Contents

- J-1. Target Center.
- J-2. Concentric target ring comprised of asphalt.
- J-3. Off road vehicle trail (original access trail).
- J-4. Asphalt lines in center of target which transect the three target circles.
- J-5. Outside the target circle facing inward toward the target center.
- J-6. Buffer Area and outlying Remaining Land.
- J-7. Edge of target area facing East Southeast.



J-1. Target Center with white crushed rock still remaining, photo taken facing north (Area A).



J-2. Target ring comprised of asphalt like material (Area A).



J-3. Off road vehicle trail (original access trail),
photo taken facing West (Areas B and C).



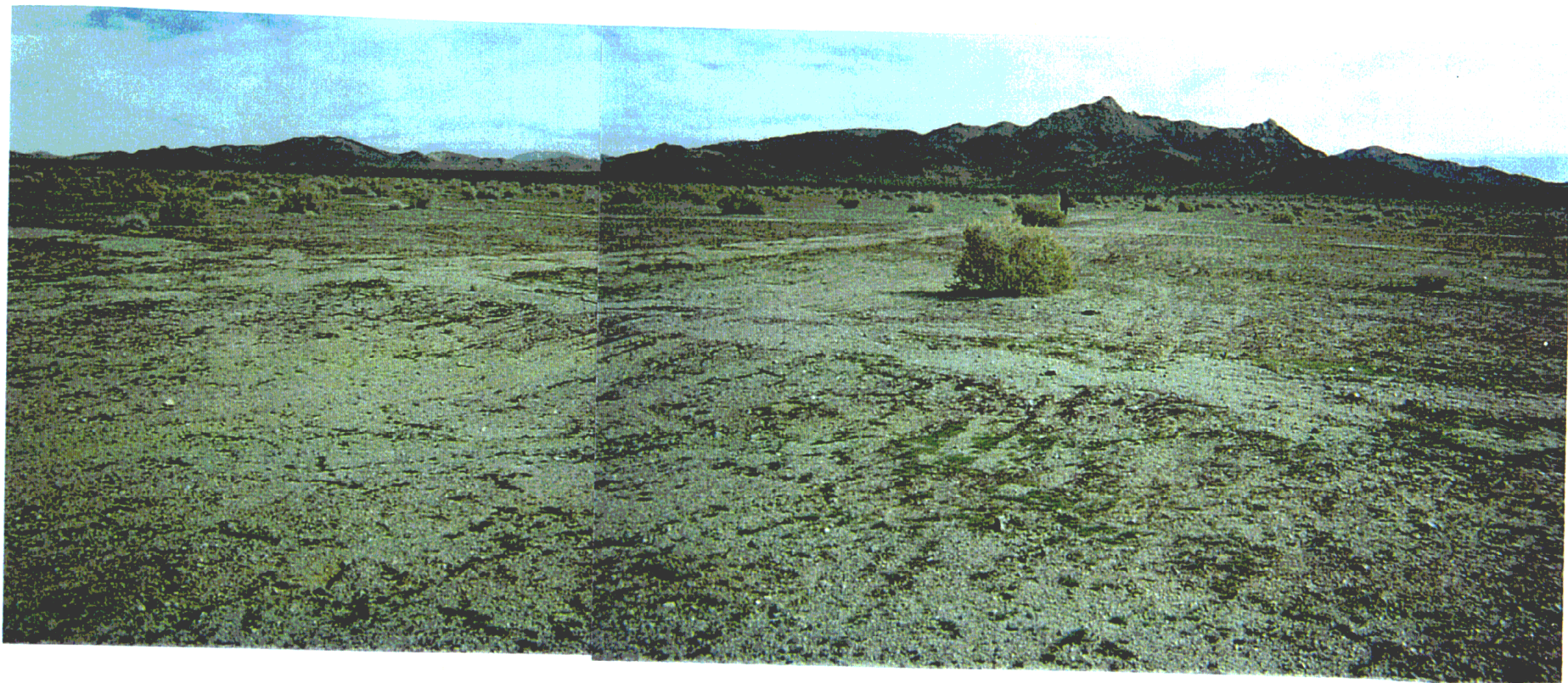
J-4. Asphalt lines in the center of the target which transect the three
target circles, photograph taken facing East (Area A).



J-5. Outside the target circle facing inward toward target center (Area A).



J-6. Buffer Area (Area B) and outlying Remaining Land (Area C), photograph taken facing Northeast.



J-7. Edge of target area facing east/southeast (Area C).

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
FOR
THE FORMER
VICTORVILLE PBR #9
BARSTOW, CALIFORNIA
PROJECT NUMBER J09CA069401

APPENDIX K

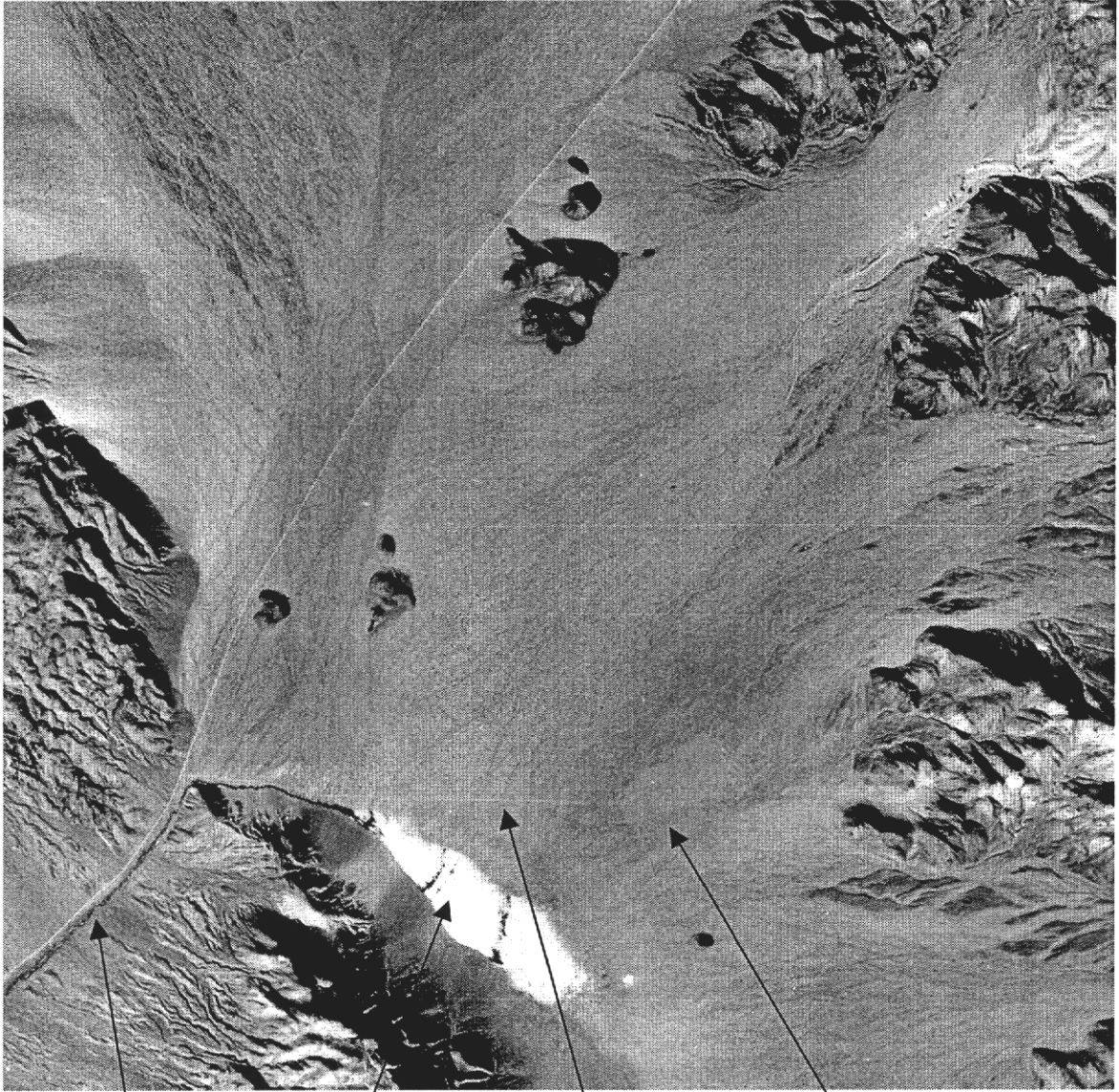
HISTORICAL PHOTOGRAPHS

Appendix K

HISTORICAL REFERENCES/PHOTOGRAPHS

Table of Contents

K-1. Aerial photograph of former PBR #9 site, 1954 (B-30).



Camp Rock
Road

Anderson
Dry Lakebed

Access
Trail

Victorville PBR #9
Concentric Target

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
FOR
THE FORMER
VICTORVILLE PBR #9
BARSTOW, CALIFORNIA
PROJECT NUMBER J09CA069401

APPENDIX L

REFERENCE MAPS/DRAWINGS

APPENDIX L

REFERENCE MAPS/DRAWINGS

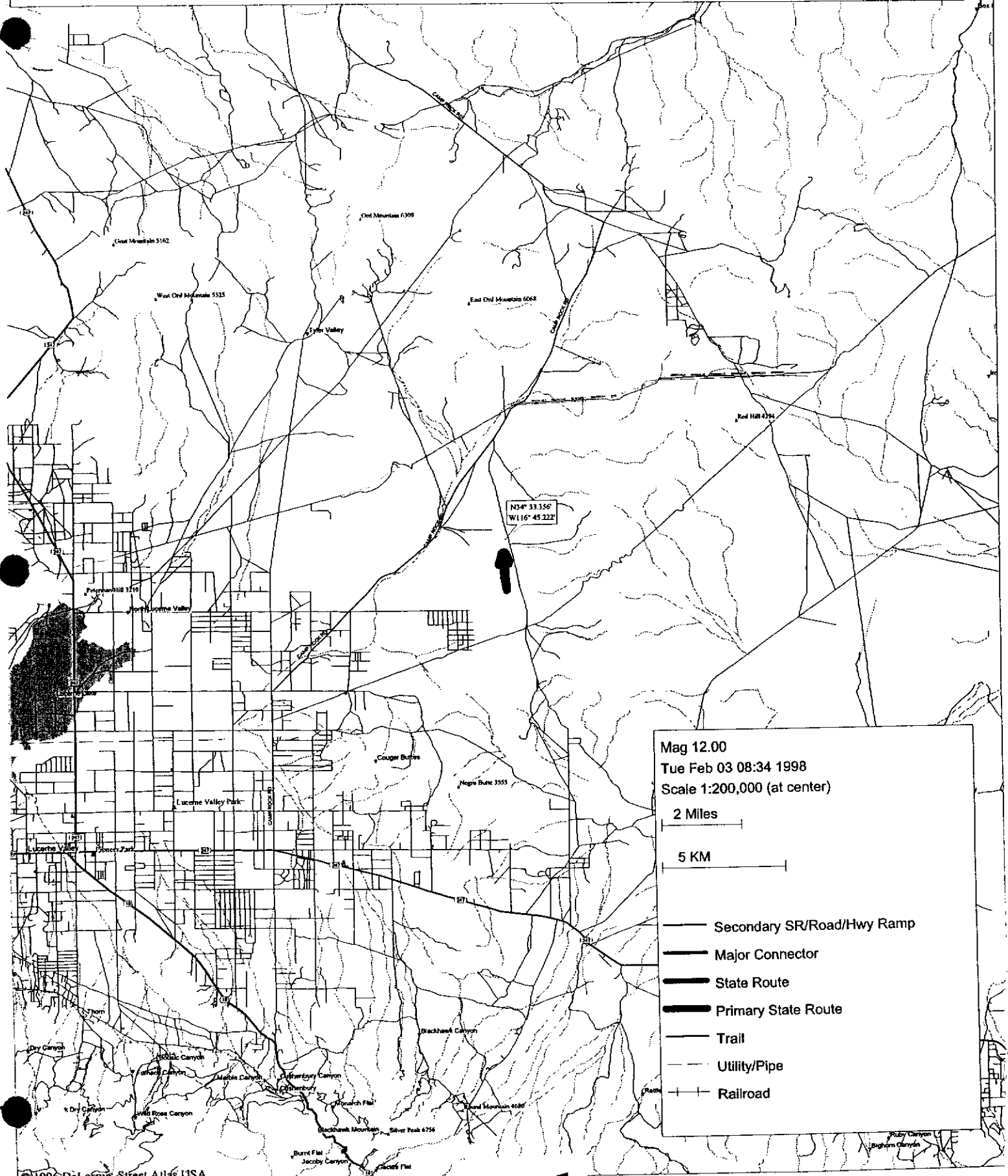
Table of Contents

L-1. Location Map, 1996 (B-15).

L-2. Map Final Project Ownership Map, 12 December 1947 (B-15).

L-3. Map, "Victorville Army Air Field Bombing Ranges", 19 September 1945 (B-16).

Victorville PBR #9



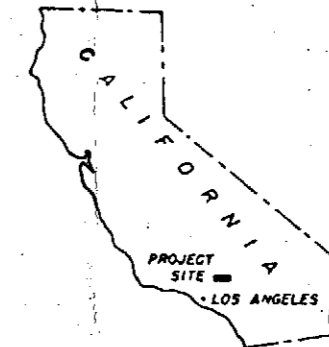
Mag 12.00
Tue Feb 03 08:34 1998
Scale 1:200,000 (at center)

2 Miles

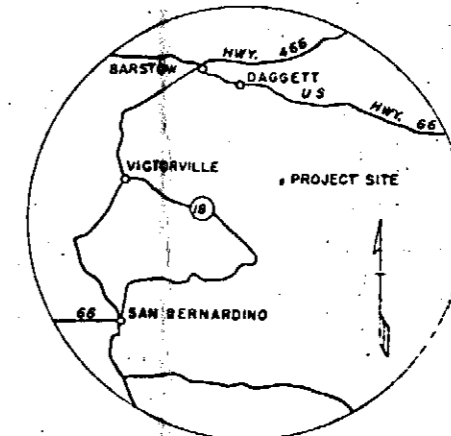
5 KM

- Secondary SR/Road/Hwy Ramp
- Major Connector
- State Route
- Primary State Route
- Trail
- Utility/Pipe
- Railroad

ACQUISITION TRACT REGISTER			
TRACT NO.	LAND OWNER	ACRES	REMARKS
		TRANS.	
A	DEPT OF INTERIOR	657.28	P.L.O.No.125, dated 20 May 1943



STATE INDEX



VICINITY MAP
0 20 30 40
MILES

FINAL PROJECT OWNERSHIP MAP
STATE CALIFORNIA
COUNTY SAN BERNARDINO
DIVISION SOUTH PACIFIC
DISTRICT LOS ANGELES
SIXTH ARMY AREA
USING AGENCY W.F.T.C.
28 MILES S.E. OF BARSTOW
31 MILES E. OF VICTORVILLE

TRANSPORTATION FACILITIES
A.T.&S.F. RAILROAD
18 STATE ROAD
66 FEDERAL ROAD
AIRLINE

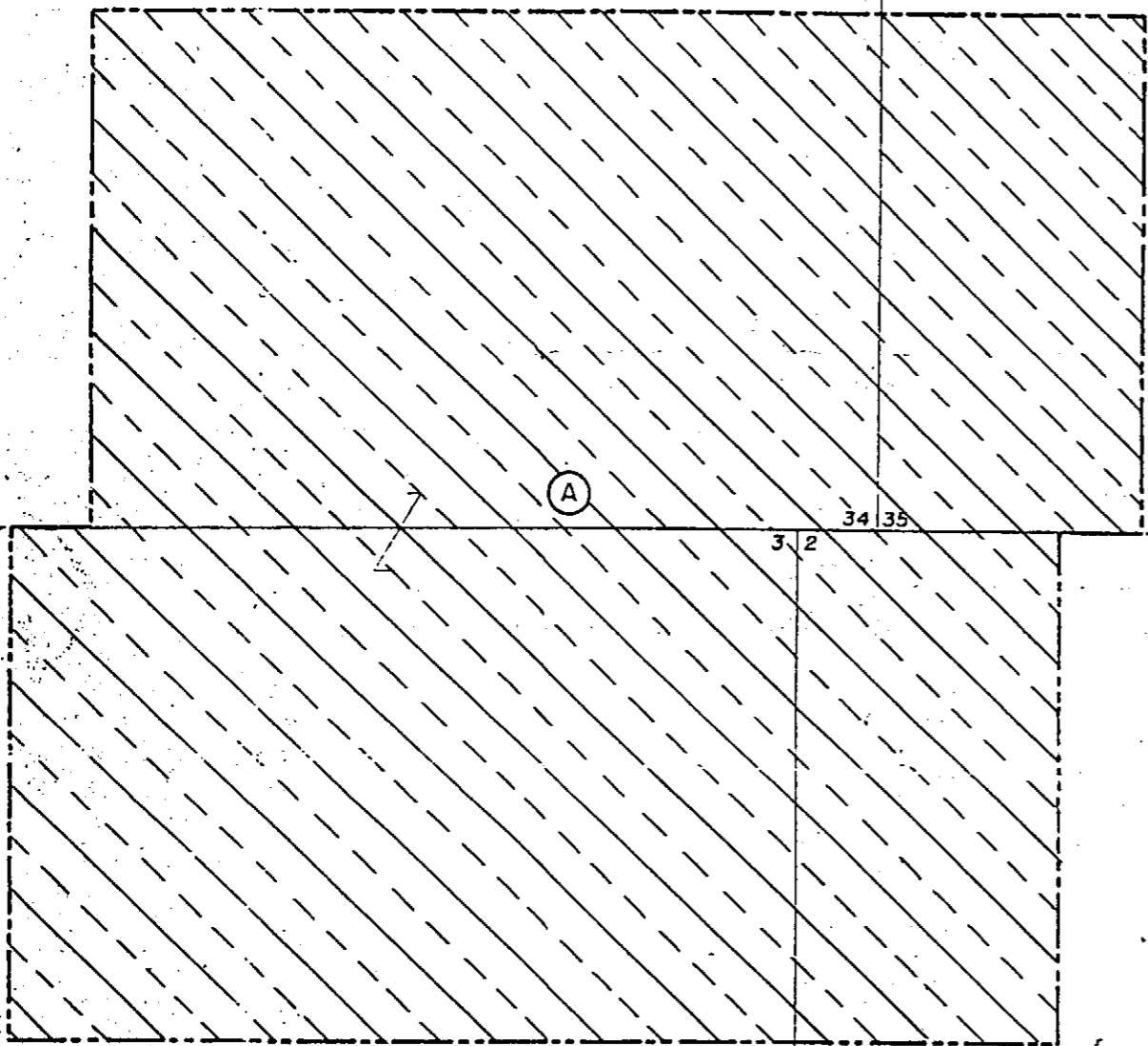
ACQUISITION
TOTAL ACRES ACQUIRED 657.28
ACRES OWNED BY W.D.
ACRES LEASED BY W.D.
ACRES LEASED FROM W.D.
ACRES TRANSFERRED TO W.D. 657.28
ACRES DONATED TO W.D.

DISPOSALS
TOTAL ACRES DISPOSED OF 657.28
ACRES TRANSFERRED
ACRES EXCHANGED
ACRES RETRANSFERRED TO GOV'T. AGCY. 657.28

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

SCALE OF FEET
0 500 1000 1500

T.5&6N., R.2E., S.B.8&M.



Reproduced from the archival holdings of the National Archives and Records Administration
Reel 104 (Logans Field)

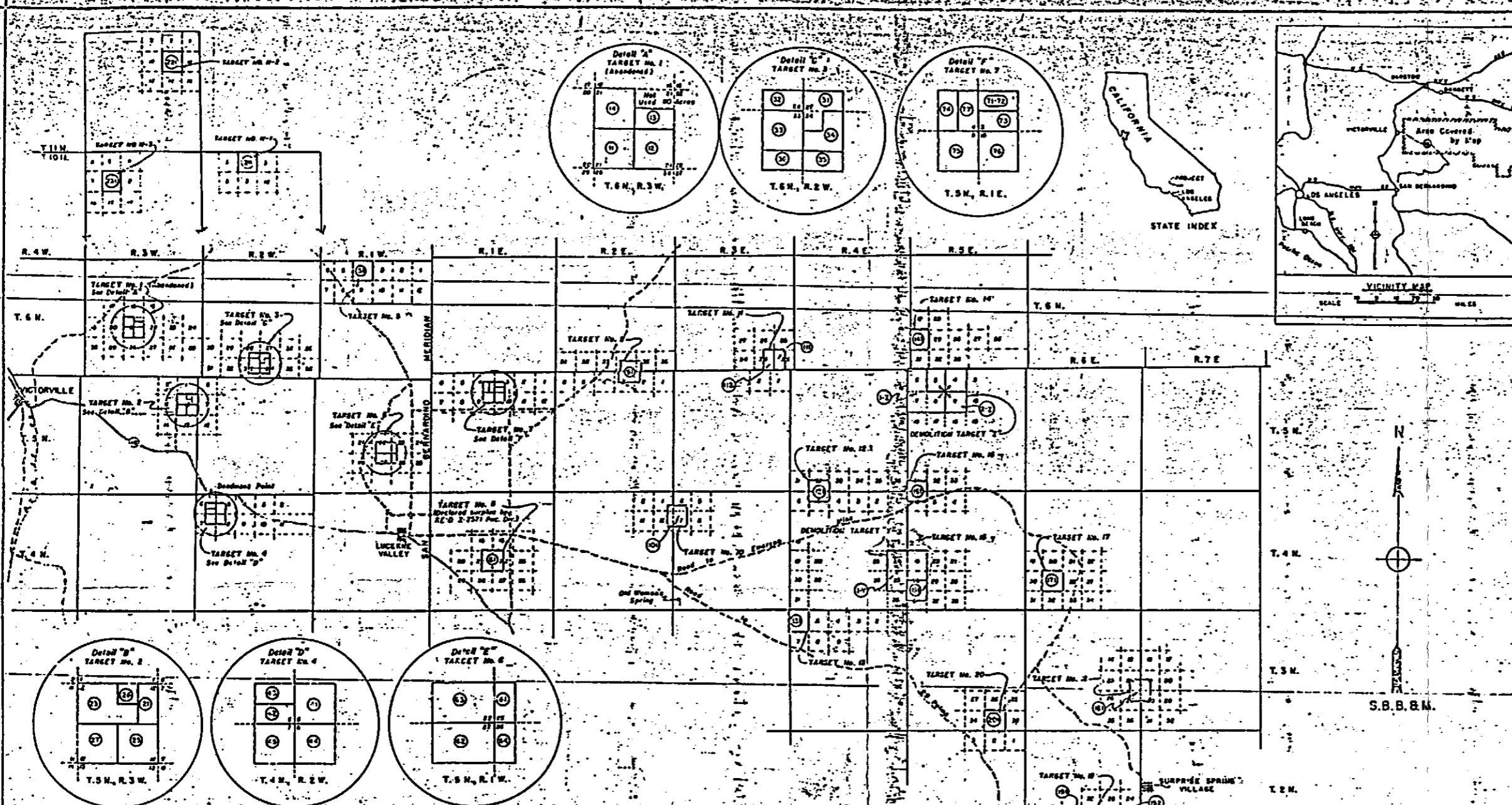
ACQUISITION AUTHORIZATION
RE-D 1554 dated 2 Sept. 1947

1876
AUDITED

REAL ESTATE
VICTORVILLE PRECISION
BOMBING RANGE No. 9
MILITARY RESERVATION

APPROVED BY: [Signature] DATE 12-3-47
CHIEF, CADASTRAL SECTION
APPROVED BY: [Signature] DATE 12-12-47
CHIEF, REAL ESTATE DIVISION
FILED BY: [Signature] TRACED CHECKED
BY: [Signature] REVISIONS APPROVED
DATE TO FINAL AUDIT

PUBLIC LAND ORDER NO. 125 FOR 657.28 AC. RELINQUISHED TO DEPT. OF INTERIOR, 2 OCTOBER 1945.
PUBLIC LAND ORDER NO. 125 FOR 657.28 AC. REVOKED BY PUBLIC LAND ORDER NO. 442, DATED 30 JANUARY, 1948.



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. & 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	RECORD DATA / LEASE NO.
11	1	CARON KILFA	160	Legal. No. 104-11200 (1/23/43)
12	1	ROBERT C KING-HOLY ET UX	160	Legal. No. 104-11200 (1/23/43)
13	1	WILLIAM MITCHELL	80	Legal. No. 104-11200 (1/23/43)
14	1	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
15	2	WALTER MITCHELL	80	Legal. No. 104-11200 (1/23/43)
16	2	WALTER MITCHELL	80	Legal. No. 104-11200 (1/23/43)
17	2	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
18	3	WALTER MITCHELL	80	Legal. No. 104-11200 (1/23/43)
19	3	WALTER MITCHELL	80	Legal. No. 104-11200 (1/23/43)
20	3	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
21	4	WALTER MITCHELL	80	Legal. No. 104-11200 (1/23/43)
22	4	WALTER MITCHELL	80	Legal. No. 104-11200 (1/23/43)
23	4	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
24	5	WALTER MITCHELL	80	Legal. No. 104-11200 (1/23/43)
25	5	WALTER MITCHELL	80	Legal. No. 104-11200 (1/23/43)
26	5	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
27	6	WALTER MITCHELL	80	Legal. No. 104-11200 (1/23/43)
28	6	WALTER MITCHELL	80	Legal. No. 104-11200 (1/23/43)
29	6	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
30	7	WALTER MITCHELL	80	Legal. No. 104-11200 (1/23/43)
31	7	WALTER MITCHELL	80	Legal. No. 104-11200 (1/23/43)
32	7	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
33	8	WALTER MITCHELL	80	Legal. No. 104-11200 (1/23/43)
34	8	WALTER MITCHELL	80	Legal. No. 104-11200 (1/23/43)
35	8	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
36	9	WALTER MITCHELL	80	Legal. No. 104-11200 (1/23/43)
37	9	WALTER MITCHELL	80	Legal. No. 104-11200 (1/23/43)
38	9	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
39	10	WALTER MITCHELL	80	Legal. No. 104-11200 (1/23/43)
40	10	WALTER MITCHELL	80	Legal. No. 104-11200 (1/23/43)
41	10	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
42	11	WALTER MITCHELL	80	Legal. No. 104-11200 (1/23/43)
43	11	WALTER MITCHELL	80	Legal. No. 104-11200 (1/23/43)
44	11	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
45	12	WALTER MITCHELL	80	Legal. No. 104-11200 (1/23/43)
46	12	WALTER MITCHELL	80	Legal. No. 104-11200 (1/23/43)
47	12	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
48	13	WALTER MITCHELL	80	Legal. No. 104-11200 (1/23/43)
49	13	WALTER MITCHELL	80	Legal. No. 104-11200 (1/23/43)
50	13	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
51	14	WALTER MITCHELL	80	Legal. No. 104-11200 (1/23/43)
52	14	WALTER MITCHELL	80	Legal. No. 104-11200 (1/23/43)
53	14	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
54	15	WALTER MITCHELL	80	Legal. No. 104-11200 (1/23/43)
55	15	WALTER MITCHELL	80	Legal. No. 104-11200 (1/23/43)
56	15	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
57	16	WALTER MITCHELL	80	Legal. No. 104-11200 (1/23/43)
58	16	WALTER MITCHELL	80	Legal. No. 104-11200 (1/23/43)
59	16	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
60	17	WALTER MITCHELL	80	Legal. No. 104-11200 (1/23/43)
61	17	WALTER MITCHELL	80	Legal. No. 104-11200 (1/23/43)
62	17	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
63	18	WALTER MITCHELL	80	Legal. No. 104-11200 (1/23/43)
64	18	WALTER MITCHELL	80	Legal. No. 104-11200 (1/23/43)
65	18	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
66	19	WALTER MITCHELL	80	Legal. No. 104-11200 (1/23/43)
67	19	WALTER MITCHELL	80	Legal. No. 104-11200 (1/23/43)
68	19	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
69	20	WALTER MITCHELL	80	Legal. No. 104-11200 (1/23/43)
70	20	WALTER MITCHELL	80	Legal. No. 104-11200 (1/23/43)
71	20	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943

TRACT NO.	TARGET NO.	VENDOR/LESSOR	ACREAGE	RECORD DATA / LEASE NO.
81	1	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
82	1	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
83	1	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
84	1	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
85	1	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
86	1	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
87	1	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
88	1	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
89	1	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
90	1	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
91	1	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
92	1	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
93	1	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
94	1	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
95	1	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
96	1	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
97	1	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
98	1	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
99	1	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
100	1	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943

TRANSFER DATA
 Withdrawn for use of War Department subject to
 valid rights by Public Land Order no. 125 dated 20 May 1943
 Valid rights - fee acquired by W.D. 2600.00
 portion Target no. 1 shown as leased 400.00
 portion Target no. 2 shown as leased 80.00
 Leases - Tracts 81 & 82 100.00
 Total of valid rights 3480.00
 Public Domain transferred by W.D. by P.L.O. no. 125
 Public Domain in use - no record of transfer
 Total Public Domain in use by War Department 3480.00

DIRECTIVE DATA
 Section no. 32-1034 dated 4 Sept. 1942 in 10 ranges 10-15 and 16-17-18
 RE-1010 27 Nov. 1944 amends above directive to refer title to Tract 81
 as former owner and acquire in fee through a household highest
 RE-1010-1 dated 10 June 1945 amends RE-1010 as to Tract 81
 household interest instead of fee acquisition.

Approved by the holding of the Richard Archibald
 Pacific Southwest Region

WAR DEPARTMENT, O.C.E.
 CONSTRUCTION DIVISION
 REAL ESTATE
 VICTORVILLE ARMY AIR FIELD
 BOMBING RANGES
 MILITARY RESERVATION
 RECOMMENDED: [Signature] DATE 12/15/44
 APPROVED: [Signature] DATE 12/15/44
 COMPLETED: [Signature] TRACED: [Signature] CHECKED: [Signature]
 DATE BY REVISIONS APPROVED
 SHEETS 1 OF 1 DRAWING NO. 5517A-1
 1. BLOCK 5 SCHEDULE 93 L-3

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
FOR
THE FORMER
VICTORVILLE PBR #9
BARSTOW, CALIFORNIA
PROJECT NUMBER J09CA069401

APPENDIX M

ARCHIVE SEARCH REPORT CORRESPONDENCE

(Not Used)

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
FOR
THE FORMER
VICTORVILLE PBR #9
BARSTOW, CALIFORNIA
PROJECT NUMBER J09CA069401

APPENDIX N

REPORT DOCUMENT BIBLIOGRAPHY

Project Area Bibliography

Document-ID	Project Area(s)	OE Classification	Document Name	Document Date	Document Source	Description and Comments
1	A	Confirmed	Historical Record of Victorville Army Air Field	8 Dec 41 to 1 Jan 43	Air Force Historical Research Agency Call	F-4: Use of site. Date of completion. Date of acceptance. Description of construction and facilities.
1	B	Potential	Historical Record of Victorville Army Air Field	8 Dec 41 to 1 Jan 43	Air Force Historical Research Agency Call	F-4: Use of site. Date of completion. Date of acceptance. Description of construction and facilities.
2	A	Confirmed	Bombing Targets	13 Apr 42	National Personnel Records Center	F-5: Formal acceptance of bombing targets.
2	B	Potential	Bombing Targets	13 Apr 42	National Personnel Records Center	F-5: Formal acceptance of bombing targets.
3	A	Confirmed	Information pertaining to bombing targets	13 Feb 42	National Personnel Records Center	F-6: Locations of bombing ranges. Type of ordnance to be used on them.
3	B	Potential	Information pertaining to bombing targets	13 Feb 42	National Personnel Records Center	F-6: Locations of bombing ranges. Type of ordnance to be used on them.
4	A	Confirmed	Public Land Order 125	20 May 43	NARA-Pacific Southwest Region	F-7: Withdrawing public lands for use as bombing ranges.
4	B	Potential	Public Land Order 125	20 May 43	NARA-Pacific Southwest Region	F-7: Withdrawing public lands for use as bombing ranges.
5	A	Confirmed	Abandonment of Target No. 9	13 Apr 45	National Personnel Records Center	F-8: Victorville Flying School deleted requirement. Describes improvements made.
5	B	Potential	Abandonment of Target No. 9	13 Apr 45	National Personnel Records Center	F-8: Victorville Flying School deleted requirement. Describes improvements made.
6	A	Confirmed	Dedudding	20 Oct 47	NARA-Pacific Southwest Region	F-15: Description of clearance procedures. Statement land is free of explosive material and can be used for grazing mining or agriculture.
6	B	Potential	Dedudding	20 Oct 47	NARA-Pacific Southwest Region	F-15: Description of clearance procedures. Statement land is free of explosive material and can be used for grazing mining or agriculture.
7	A	Confirmed	Site Photograph	27 Jan 98	Visual Inspection	J-1: Photograph of target center (bull's eye).
8	A	Confirmed	Aerial Photograph	18 Dec 54	U.S. Geological Survey	K-1: Aerial photograph showing target center. Showing access road.
8	A	Potential	Aerial Photograph	18 Dec 54	U.S. Geological Survey	K-1: Aerial photograph showing target center. Showing access road.

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
FOR
THE FORMER
VICTORVILLE PBR #9
BARSTOW, CALIFORNIA
PROJECT NUMBER J09CA069401

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FOR THE FORMER
VICTORVILLE PBR #9
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Commander, U.S. Army Corps of Engineers Los Angeles District, ATTN: CESPL-PM-M (Castens) 911 Wilshire Blvd, Suite 15023 Los Angeles, CA 90017	1		
Commander, U. S. Army Corps of Engineers Los Angeles District, Attn: CESPL-ED-MI ATTN: (Boghossian) 911 Wilshire Blvd. Los Angeles, Ca 90017	1		
Commander, U. S. Army Corps of Engineers Los Angeles District, Attn: CESPL-CO-SS (Walker) 10845 Rancho Bernardo Road, 2nd Floor Suite 200, Room 204 Rancho Bernardo, CA 92127	1		
Director, U.S. Army Defense Ammunition Center ATTN: SIOAC-ESL Savanna, Illinois, 61074-9639	3		

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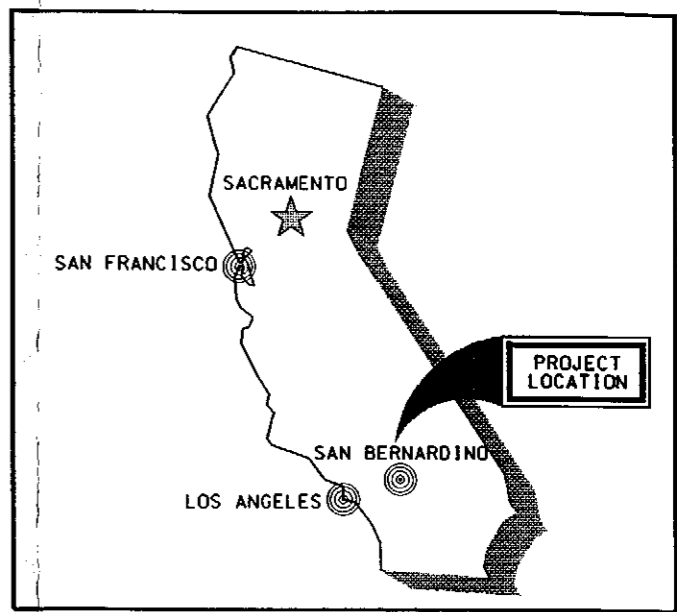
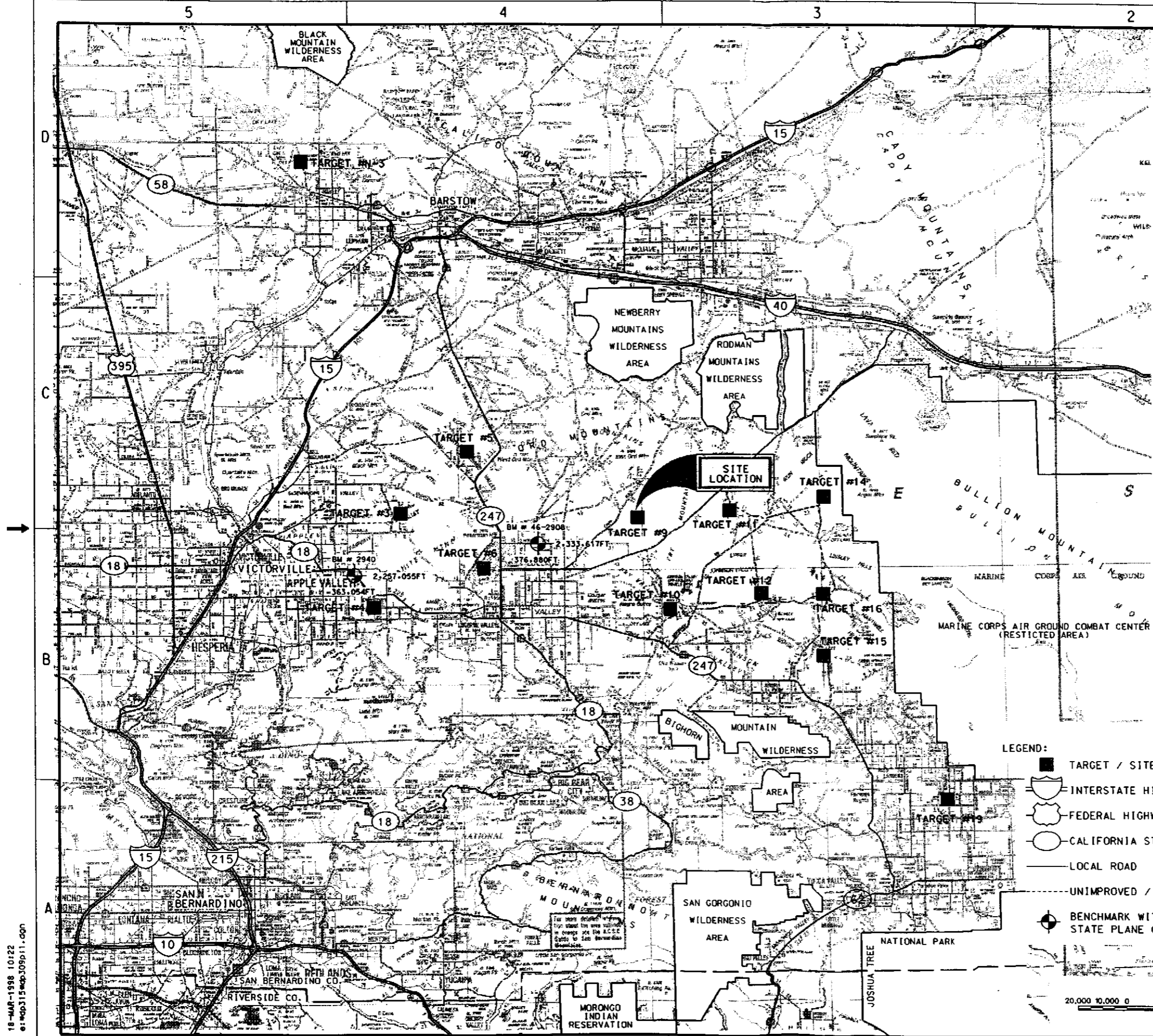
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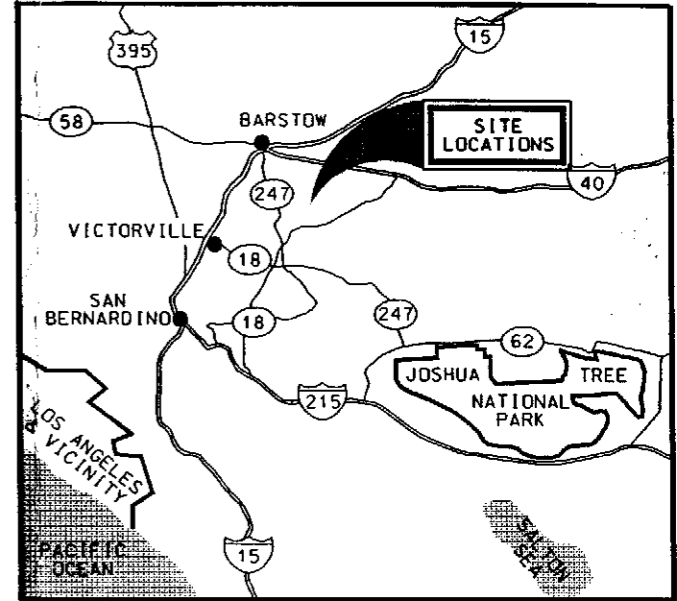
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II - Findings Report
III - Routed Final Report

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REPORT PLATES

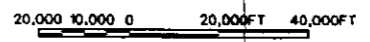


STATE MAP OF CALIFORNIA



VICINITY MAP

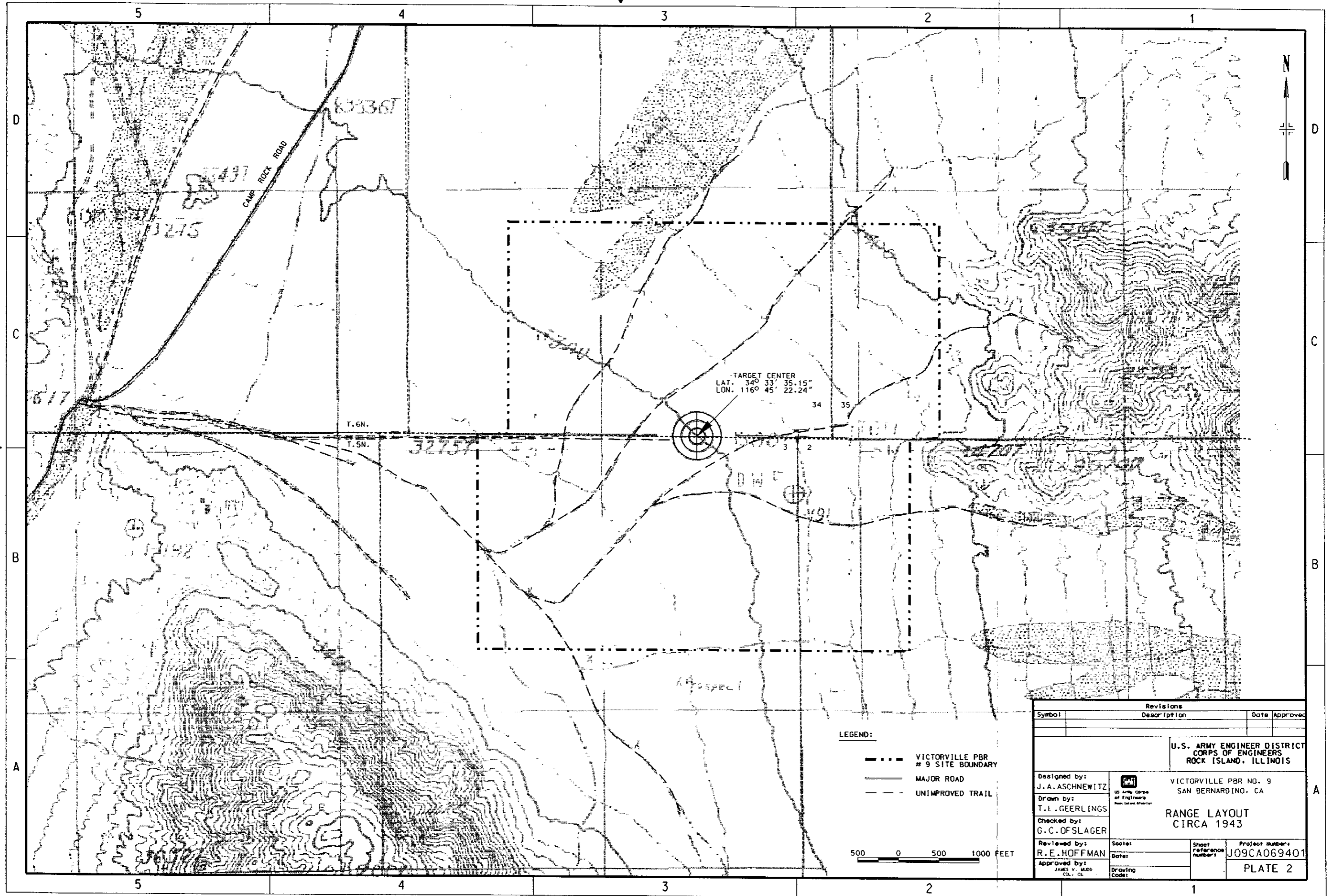
- LEGEND:**
- TARGET / SITE LOCATION
 - INTERSTATE HIGHWAY
 - FEDERAL HIGHWAY
 - CALIFORNIA ST. HIGHWAY
 - LOCAL ROAD
 - - - UNIMPROVED / 4WD TRAIL
 - ⊕ BENCHMARK WITH STATE PLANE COORDINATES



Revisions		Date Approved	
Symbol	Description		
U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS ROCK ISLAND, ILLINOIS			
Designed by: J. A. ASCHNEWITZ	 U.S. Army Corps of Engineers Rock Island District	VICTORVILLE PBR NO. 9 SAN BERNARDINO, CA	
Drawn by: T. L. GEERLINGS		VICTORVILLE PBR BOMBING RANGES	
Checked by: G. C. OFSLAGER	Scale:	Sheet reference number:	Project Number:
Reviewed by: R. E. HOFFMAN	Date:		J09CA069401
Approved by: JAMES V. MADD CA, CE	Drawing Code:		PLATE 1

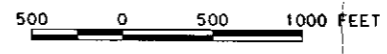
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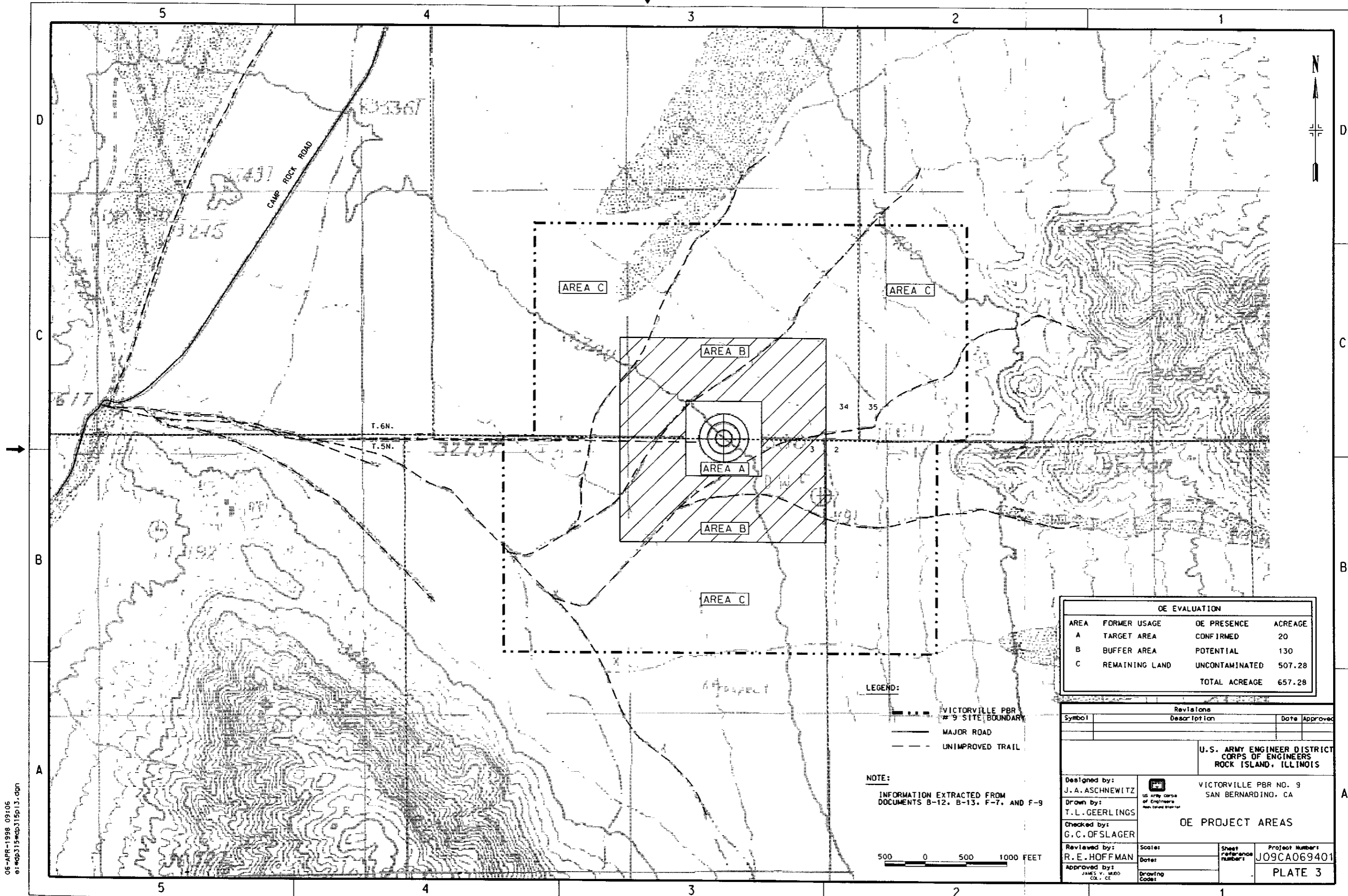


TARGET CENTER
 LAT. 34° 33' 35.15"
 LON. 116° 45' 22.24"

- LEGEND:
- VICTORVILLE PBR # 9 SITE BOUNDARY
 - MAJOR ROAD
 - - - UNIMPROVED TRAIL



Revisions			
Symbol	Description	Date	Approved
U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS ROCK ISLAND, ILLINOIS			
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Drawn by: T. L. GEERLINGS		RANGE LAYOUT CIRCA 1943	
Checked by: G. C. OFSLAGER	Scale:	Sheet reference number:	Project Number:
Reviewed by: R. E. HOFFMAN	Date:		J09CA069401
Approved by: JAMES V. MUD CL. - CE	Drawing Code:		PLATE 2



AREA C

AREA C

AREA B

AREA A

AREA B

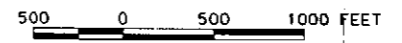
AREA C

LEGEND:

- VICTORVILLE PBR #9 SITE BOUNDARY
- MAJOR ROAD
- - - UNIMPROVED TRAIL

NOTE:

INFORMATION EXTRACTED FROM DOCUMENTS B-12, B-13, F-7, AND F-9



OE EVALUATION			
AREA	FORMER USAGE	OE PRESENCE	ACREAGE
A	TARGET AREA	CONFIRMED	20
B	BUFFER AREA	POTENTIAL	130
C	REMAINING LAND	UNCONTAMINATED	507.28
			TOTAL ACREAGE 657.28

Revisions		
Symbol	Description	Date Approved

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

Designed by:
J. A. ASCHNEWITZ
Drawn by:
T. L. GEERLINGS
Checked by:
G. C. OFSLAGER



VICTORVILLE PBR NO. 9
SAN BERNARDINO, CA

OE PROJECT AREAS

Reviewed by:
R. E. HOFFMAN
Approved by:
JAMES V. MUDD
CL. - CE

Scale:
Date:
Drawing Code:

Sheet reference number:
Project Number:
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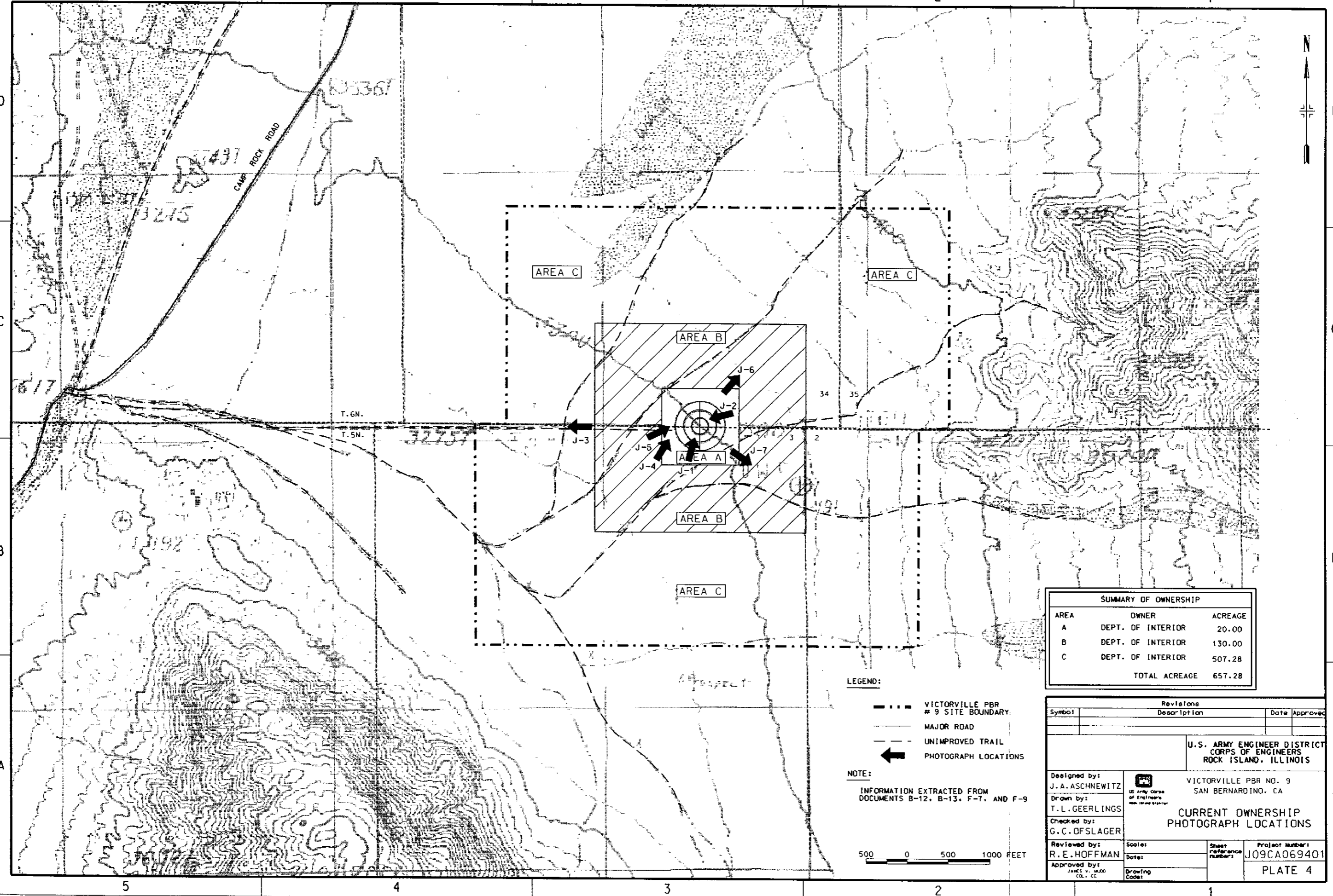
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AREA C

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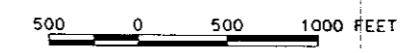
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LEGEND:

- VICTORVILLE PBR # 9 SITE BOUNDARY.
- MAJOR ROAD
- - - UNIMPROVED TRAIL
- ← PHOTOGRAPH LOCATIONS

NOTE:

INFORMATION EXTRACTED FROM DOCUMENTS B-12, B-13, F-7, AND F-9



SUMMARY OF OWNERSHIP		
AREA	OWNER	ACREAGE
A	DEPT. OF INTERIOR	20.00
B	DEPT. OF INTERIOR	130.00
C	DEPT. OF INTERIOR	507.28
TOTAL ACREAGE		657.28

Revisions		Date	Approved
Symbol	Description		

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

VICTORVILLE PBR NO. 9
SAN BERNARDINO, CA

**CURRENT OWNERSHIP
PHOTOGRAPH LOCATIONS**

Designed by: J. A. ASCHNEWITZ	US Army Corps of Engineers Rock Island District	Scale:	Sheet reference number:	Project Number:
Drawn by: T. L. GEERLINGS		Date:		J09CA069401
Checked by: G. C. OFSLAGER		Drawing Code:		PLATE 4
Reviewed by: R. E. HOFFMAN				
Approved by: JAMES W. ALCO COL, CE				

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