



DEPARTMENT OF THE ARMY
FORT WINGATE DEPOT ACTIVITY
P.O. BOX 268
FORT WINGATE, NM 87316

February 20, 2007

Mr. James P. Bearzi
Chief, Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303

Dear Mr. Bearzi:

The Summary of Interviews document will be submitted under separate cover from the Corps of Engineers to the NMED for receipt by February 28, 2007 to comply with the schedule requirements of the Fort Wingate Depot Activity (FWDA) RCRA Permit EPA ID No. NM6213820974. Fort Wingate Army Depot is required to interview persons familiar with current and past activities and operations at the Facility, who were not interviewed previously or who may not have provided complete information during the initial interview. This requirement is found in Permit section VIII.A.1.b and further states the Permittee shall consult with the Navajo Nation and Pueblo of Zuni regarding the interviews. This requirement is due 180 calendar days after the submittal of the Community Relations Plan (CRP). The CRP was submitted September 1, 2006, thus making the interviews due February 28, 2007.

The Army understands that this document is being submitted for information only and thus no formal review is required by NMED and the Stakeholders. If you have questions or require further information, please call me at (505) 488-5411.

Sincerely,

Mark Patterson
BRAC Environmental Coordinator

CF:
Dave Cobrain, NMED, HWB
Tammy Diaz, NMED, HWB
Cheryl Frischkorn, NMED, HWB
Chuck Hendrickson, U.S. EPA Region 6
Steve Smith, USACE-SWF
Sharlene Begay-Platero, Navajo Nation
Eugenia Quintana, Navajo Nation
Clayton Seoutewa, Southwest BIA
Rose Duwyenie, Navajo BIA
Dr. Rita Schoeneman, Zuni Pueblo
Steve Beran, Zuni Pueblo
Bill Merhege, BLM
Dwight Hempel, DOI HQ
Ralph Gonzales, BIA HQ

REPORT DOCUMENTATION PAGE

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14. ABSTRACT The U.S. Army Corps of Engineers Fort Worth District prepared a report summarizing interviews performed in accordance with the RCRA Closure Permit. The installation is located east of Gallup, New Mexico in McKinley County. The document has been prepared for submission to the New Mexico Environment Department (NMED) Hazardous Waste Bureau (HWB), as required by Section VIII.A.1.b of the Resource Conservation and Recovery Act (RCRA) Permit, No. NM 6213820974.					
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a. REPORT U	b. ABSTRACT U	c. THIS PAGE U			19b. TELEPHONE NUMBER (include area code) 505/488-5411

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1.0 INTRODUCTION.

The Army, in accordance with RCRA Permit No NM 6213820974, is required to interview persons familiar with current and past activities and operations at the Fort Wingate Army Depot (FWDA), who were not interviewed previously or who may not have provided complete information during the initial interview. This requirement is found in Permit section VIII.A.1.b and further states the Army shall consult with the Navajo Nation and Pueblo of Zuni regarding the interviews. This requirement is due 180 calendar days after the submittal of the Community Relations Plan (CRP). The CRP was submitted September 1, 2006, thus making the interviews due February 28, 2007.

2.0 CONSULTATION AND PREPARATION.

2.1 Consulting with the Tribes.

In preparation for this effort, the FWDA contacted Ms. Sharlene Begay-Platero with the Navajo Nation and Mr. Brian Martell with the Pueblo of Zuni via letter dated June 16, 2006. See Attachment 1 for copies of the letters. In the letters FWDA requested the Tribes conduct interviews internally with their own constituents. This request was initiated by the New Mexico Environment Department (NMED) in an attempt to obtain information about FWDA independently from the Army's efforts. FWDA provided the Tribes with sample questionnaires, a sample news release, and maps for their use. The Tribes were requested to provide results to either the Army or NMED prior to December 25, 2006. The Army reminded both Tribes via email on November 9, 2006 about the request for interviews, informed the Tribes of the NMED's desire for separate submittals, and advised them of the revised submittal date of February 28, 2007. A copy of the email chain is also in Attachment 1. To date the Army has not received any information from the Tribes.

2.2 Preparation.

In preparation for the interviews FWDA prepared the news release found in Attachment 2. The news release was sent to radio and newspapers in the Gallup region on August 31, 2006 (media listing is in Attachment 2). The *Gallup Independent*, the most widely read local paper, ran the release at least twice. Mr. Mark Patterson, the FWDA BRAC Environmental Coordinator, and Mr. Steven Smith, the Corps of Engineers Program Manager, were interviewed on September 19, 2006 on radio station KXTC (99.9 FM) about FWDA and mentioned the request for interviews. The Army prepared a standard form used by the interviewers on each interview. The completed forms are found in Attachments 3-7.

3.0 INTERVIEWS.

As a result of the news release, previous interviews conducted under the 1995 Archive Search Report, and a contact supplied by the Department of the Interior, several interviews were conducted. The Army (Mr. Steven Smith) conducted interviews with three former employees, one current employee, and one local historian who is not a former or current employee. The former employees include: Mr. Glenn Livingston a fork lift operator and truck driver, Mr. Leo Urbina an explosive operator, and Mr. Nick Martinez, a truck driver. The current employee is Mr. Mike Chee, a caretaker working on the Depot. Ms. Sally Noe, was the local historian interviewed. All of the interviewees allowed the Army to record the interviews. Ms. Noe's interview was conducted at her home and lasted about 45 minutes. The rest of the interviews were conducted at the installation and included a tour of the post including the OB/OD grounds. These interviews lasted about 2-3 hours. The following sections provide summaries of interviews. The summaries will focus on operations, activities, etc that would or could have resulted in an environmental impact. It became evident during the interviews that most of the activities at FWDA centered around the igloos, ammunition workshop area, and OB/OD grounds. For organizational purposes, each section below will have subsections for each of these areas as well as a catch-all section called 'Other Areas'. The complete interview forms can be found in Attachments 3-7.

3.1 Glenn Livingston.

Mr. Glenn Livingston is a former employee who worked at FWDA for 30 years from 1950 to 1980. He worked as a fork lift operator and truck driver and thus traveled extensively on the Depot.

Igloos and open storage. As a truck driver, Mr. Livingston drove many loads from the igloos to the OB grounds for demolition. Workers were under the strict supervision of ammunition inspectors. He recalled several open storage sites on post, including the south side of the north patrol road, which stored many types of ordnance including napalm (he called them jelly bombs). He did not recall storage on the north side of the north patrol road. The napalm was stored during the Vietnam War. Many open storage revetments in between the igloos were used as storage, especially in Blocks A and B. Several open sites were along the east side of the west patrol road [AOC-78]. He said there should not be any contamination in the igloos as the ammunition was contained in boxes or crates. He did not see any spills in the igloos.

Workshop Area. Mr. Livingston made a general statement that this area is contaminated and should be checked out. He also drove many trucks in this area transporting bombs for demilitarization at the wash out buildings. The east end of Building 528 [SWMU-27] is where they opened up shells and is contaminated. The buildings north of 528 should also be investigated [SWMU-

27]. Building 542 [SWMU-11] was a workshop and is contaminated with explosives. Building 515 [SWMU-2] was a paint shop. He recalls an explosive accident somewhere in the workshop area causing an injury and said it was due to improper handling. FWDA used water to wash out shells in the area. Fuzes were burned at the deactivation furnace [SWMU-72].

OB/OD Grounds. He did not recall burying items or pushing them into the arroyos. The small bunkers were used to store blasting caps (day use) for the demo operations. The area in Fenced Up Horse Canyon was used to burn items to remove explosives [SWMU-14]. He did not work in the Old Demo area [SWMU-15]. Significant demolition and burning (propellants included) were done in the Current OB/OD Area on both sides of the arroyo. A bulldozer was used to dig holes for demolition. A skull was found at the south end (west of the arroyo). This discovery led to an end to demolition west of the arroyo. He said material was dumped by others into the arroyo.

Other Areas. He did not recall any chemical munitions being used at FWDA. Building T-33 [SWMU-40] was used as a carpenter's workshop where crates were assembled. Mr. Livingston was not familiar with or aware of operations in the 3 functional test ranges. The magazines around the lake [Knudson] stored containers and non-explosives [AOC-54, 57]. He recalled fire training operations occasionally happened at the fire training site [SWMU-7]. Mr. Livingston recalled there was a gravel pit north of the north patrol road. He did not think the gravel was used at FWDA. The interview form can be found in Attachment 3.

FWDA Comments. The open storage sites and pavilion type sites can be found on maps in Appendix B of the Parcel 21 Release Assessment Report and on the aerial photos. These sites were constructed either by grading an area (ranging from 60'x80' to 80'x300') and applying a thin layer of gravel, or in many cases just bare earth. A few of the sites had pavilions made of wood columns and a built up tar roof with no side walls. The sites were used to store munitions in their pallets or inert supplies and shipping containers. They appeared to be overflow storage areas when the igloos were full. These sites are designated with alpha numeric names which usually begin with X, Y, Z, T, O, OS followed by numbers. Many of the maps label these sites with different names, i.e. the X sites were also labeled as T or Z sites over different times. Many of these sites were identified as either SWMUs or AOCs in the permit, however many were not and require a release assessment. FWDA is planning to perform a release assessment on these and additional sites found on the aerial photos in 2007.

The gravel pit(s) recalled by Mr. Livingston show up on several of the aerial photos. They lie north of the north patrol road and the water tower. USGS maps confirm the presence of the gravel pits in the area.

3.2 Leo Urbina.

Mr. Urbina is a former employee who worked at FWDA from 1946-1984 as a explosive operator and general laborer. He worked in Buildings 528, 503 [SWMU-1] and at the Current OB/OD Area.

Idloos and open storage. Mr. Urbina painted 500lb bombs in open storage site X-11 [AOC-59]. He said all the X sites had roofs and were basically a large wood shed without walls. He noted that they were constructed of heavy duty lumber. Ammunition was stored in boxes, including '3-leaf clovers' (3 – 75mm shells together) at the X sites. Inert items (empty containers etc) were also stored in the X sites. See previous reference for maps showing these sites. All of the X sites were dismantled and the material, including the highly valued lumber, was salvaged by workers and the public. He said the sites were kept pretty clean and were inspected routinely by ammunition inspectors. He said inventory was strictly inspected at regular intervals to ensure accountability. Occasionally the fuze well plugs for bombs were removed and greased at the open storage sites. He said this is routine maintenance so that when the fuzes were installed prior to firing the plugs could easily be removed. He said bombs were not generally fuzed at FWDA as a matter of protocol due to safety reasons.

Workshop Area. Mr. Urbina disassembled and painted ammunition. He recalled a M-83 (butterfly bomb) going off in Building 503 injuring a worker. He used paint thinners and O.D. (olive drab) paint at Building 515. Building 516 [AOC-42] was an ammunition receiving building. Building 542 was also called the LCL building. Fuzes were demilitarized in 542. Washout operations: Building 503 was used to wash out TNT from bombs and shells. The water drained into the TNT drying beds. Each batch of bombs took 2-4 hours to wash out. After the shells were washed, they were taken to the burning grounds to remove the remaining explosives. The brass rotating bands around the projectiles were recycled during demilitarization.

OB/OD Grounds. He started working there in 1971. He demolished white phosphorus shells, projectiles, fragmentation bombs, navy 155mm projectiles, land mines, old dynamite, bombs, and burned propellant. He used blasting caps, C4, and flaked TNT to set off detonations. Propellant was burned in trenches. Metal debris was frequently burned and it melted together forming large conglomerations which were left in the ground.

Other Areas. Mr. Urbina said a few inert [empty of explosives] V2 rockets were stored at FWDA. The interview form can be found in Attachment 4.

3.3 Nick Martinez.

Mr. Martinez is a former employee who worked at FWDA from 1944-1971 as a truck driver. He was in and out of most of the buildings during his duties.

Igloos and open storage. Napalm was stored in open storage sites for short periods of time. He said a few of the napalm bombs leaked a yellow/honey colored gel. When this happened the 'leakers' were sent to the OB/OD grounds for burning. He drove truck loads of munitions from the igloos to be demolished at the Current OB/OD Area. He remembered several open storage sites along the north and west patrol roads.

Workshop Area. Mr. Martinez recalled all the wash out operations in Building 503 in the same way as Mr. Urbina. He took truckloads of burned and inspected shells to the salvage yard near the railroad spur near Building 516 [AOC-42] or 522 [AOC-60]. Building 528: Fuzes were worked on in Building 528. Korean and Vietnam era bombs were worked on in 528 as well. The base plates from large projectiles (155mm, 8-inch) were removed in the concrete bunker.

Building 542: worked on practice rockets in this structure.

Building 530: He remembered the deactivation furnace [SWMU-72] was used to burn VT fuzes which contained small amounts of mercury.

Building 516: Storage building.

Building 600 [SWMU-4]: He referred to this as the flat stone building used for showers for the TNT workers.

Building 515: Bombs were painted in the building. He did not recall the pit to the west.

OB/OD Grounds. Mr Martinez drove truck loads of munitions to the Current OB/OD Area. He recalled the demolition of 155mm smoke projectiles (called HC), napalm, 250lb, 500lb, 1000lb, fragmentation bombs, 105mm and 76mm projectiles, among others being demolished. Dunnage (waste packing materials etc), residue from the wash out at 503, trytinol (filler compound in bombs), and rockets were burned at the Current OB/OD Area. He recalled demo operations at the Current OB/OD Area back in 1945. He was not involved with operations in the Old Demolition Area or Fenced Up Horse Canyon. He and his son used to go hunting in the area around Parcel 3. They and several others had to sign a waiver of Army liability to obtain a permit. He did not recall anyone getting hurt while hunting. Building 609 was a day use bunker storing blasting caps. The revetments in Parcel 3 [AOC-89] were temporary storage for bombs prior to demolition.

Other Areas. Mr. Martinez was not aware of any nuclear or chemical weapons stored or demolished at FWDA. Building 6 [SWMU-45] was the service station.

Building 536 [SWMU-12]: Surveillance (ammunition inspectors) building.

Building 535 (next to 536): Mechanical or furnace building.

Building 316 [part of AOC-69]: Break room.

Buildings 301, 302, 311, 312 [AOC-69]: He called these standard magazines which stored pallets of shells (76mm, 105mm). [TPL now uses 312.]

He did not recall operations at functional test ranges 2 and 3. The interview form can be found in Attachment 5.

3.4 Mike Chee.

Mike Chee is a current caretaker at FWDA and has worked there since 1980. He used to be a worker in the workshop area and an explosive operator at the Current OB/OD Area. He worked in Buildings 5 [SWMU-5], 33, 34 [AOC-48], 309 [AOC-57], 528 and 530.

Igloos and open storage. Mr. Chee was not aware of several of the open storage areas, namely X, T, O sites.

Workshop Area. Mr. Chee was aware of various compounds used in Building 5 (Building #5 is in the Admin Area) such as anti-freeze, gasoline, diesel, and cleaning solvents. Most of the containers were small (gallon size) except he recalled up to two drums of a solvent with a long name stored in Building 5. He used gallon size containers of acetone as a cleaner/paint remover in Building 528.

OB/OD Grounds. Mr. Chee only worked in the Current OB/OD Area and used C4 as the donor charge for demolition. He demolished 3.5" rockets for about 2 years. He also buried the old empty 3.5" rocket tubes also known as bazookas (30" long) that were treated by burning. Some tubes were metal others fiberglass. He dug roughly 50 holes that measured about 30' long and 10' deep with a bulldozer on both sides of the arroyo. The east side was called the rocky side and the west side the sandy side. Most of the holes are north of the current detonation crater. He demolished white phosphorus projectiles. He demolished several 5-gallon box containers of Canadian TNT powder. He burned 20mm rounds at the OB/OD grounds in burn trays (4 total). The debris in the arroyo was there before he started working.

Other Areas. A leaky UST and contaminated soil were removed from the admin area [SWMU-40]. Mr. Chee does not recall chemical weapons at FWDA. Building 11 was demolished due to PCBs. He pointed out a former storage site (concrete pad) east of Igloo Block F used to store blue 3.5" inert practice mortars. The rounds were disposed at the Gallup landfill a few years after the depot closed. He was not familiar with operations at the functional test ranges. The interview form can be found in Attachment 6.

3.5 Sally Noe.

Ms. Noe is a local historian who did not work on FWDA. She did have several old photographs taken at various times at FWDA. She obtained them prior to being shipped to the local landfill. She was not familiar with any

operations on the depot and thus could not provide information useful toward environmental restoration. The interview form can be found in Attachment 7.

3.6 Other Attempts.

Two other former employees, who were thought to be living, were brought up by those interviewed. The first, Mr. Salvador Perez of Gallup, was contacted by the Army and an interview was scheduled for 10:00am Saturday September 16, 2006. The weekend is the only time he is available due to work commitments during the week. Mr. Smith went to Mr. Perez's residence to find he was not there. His wife informed Mr. Smith that Mr. Perez is hard of hearing and must have misunderstood the time of the interview. After waiting about 45 minutes for Mr. Perez to show up, Mr. Smith left word with Mrs Perez requesting that Mr Perez complete a blank interview form and then contact Mark Patterson at his convenience. To date, Mr Perez has not contacted the Army. The other person mentioned was a George Smith of Gallup. The Army attempted to contact George Smith by searching the Gallup telephone book. No George Smith was listed. The 'G' Smith listed was not George Smith. A message was left with a G.H. Smith, however the Army has received no response to date.

3.7 Previous Interviews.

Records of previous interviews are found in Attachment 8. Interviews were conducted during 1995 as part of the Archive Search Report.

4.0 Summary.

The interviews did assist FWDA in the environmental restoration process. The people interviewed provided fairly consistent information and re-emphasized that most of the activities potentially impacting the environment occurred in the OB/OD grounds and the ammunition workshop area. No significant releases to the environment were recalled in the igloo areas. While the interviews confirmed many AOCs and SWMUs already identified in the permit, there were a few new issues raised. The "Current" OB/OD Area was operating in 1945 instead of 1955 as some documents state. Also, the interviews prompted FWDA to confirm the presence of the open storage sites by conducting another record search through FWDA documents. FWDA's search produced old layout maps of the open storage/pavilion sites. The maps and aerial photos confirmed the presence of these sites and that many of the sites were not identified as AOCs. FWDA will locate and sample (surface soil 0-6") the sites in the spring of 2007 to determine if a release has occurred, and will supply the results to the Tribes and NMED for appropriate consideration and disposition. Cultural artifacts and sites will be avoided. Finally, Mr. Urbina relayed previously unknown information by mentioning the "X" storage pavilions were disassembled and the components were re-used by depot personnel and the public.

ATTACHMENT 1



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
FORT WINGATE DEPOT ACTIVITY
P. O. BOX 268
FORT WINGATE, TEXAS 87316

June 16, 2006

Fort Wingate BRAC Coordinator

Mr. Brian Martell
Fort Wingate Project Coordinator
Zuni Tribe Office of Governor
P.O. Box 339
1203B State Highway 53
Zuni, New Mexico 87327

Dear Mr. Martell:

The New Mexico Environment Department (NMED) has made a request of the army to inform the Pueblo of Zuni and Navajo Nation of NMED's desire for Tribal members associated with the Fort Wingate environmental restoration program to interview it's constituents about the environmental history of Fort Wingate. More specifically, section VIII.A.1.b of the Resource Conservation Recovery Act (RCRA) Permit states NMED is interested in interviews from persons familiar with current and past activities and operations at the post, who were not interviewed previously or who may not have provided complete information during the initial interview. In addition, the NMED said that tribal constituents may be more willing to speak to tribal members than personnel or contractors from the army.

The purpose of the interviews is to provide the Army and NMED information about releases of contaminants or ordnance to the environment from operations at Fort Wingate so that the Army can investigate and if necessary, clean up the site(s). The interviews are for only gathering information about the Army's cleanup and are not part of a civil or criminal investigation.

Interview questionnaires are due to NMED 180 days after the submittal of the Community Relations Plan. Currently the deadline is set at December 25, 2006. The interviewers can provide results to me (preferably 2 weeks prior to the deadline above), or directly to Ms. Tammy Diaz of the NMED at:

State of New Mexico
Environment Department
Hazardous Waste Bureau
2905 Rodeo Park Drive East
Building 1
Santa Fe, NM 87505

The Army is providing a copy of a news release, maps, and interview questions as

enclosures to this letter for your use. These documents will also be sent electronically. If you have any questions about this matter, please call me at 505/488-5411.

Sincerely,

Mark Patterson
Fort Wingate BEC

Enclosures



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
FORT WINGATE DEPOT ACTIVITY
P. O. BOX 268
FORT WINGATE, TEXAS 87316

June 16, 2006

Fort Wingate BRAC Coordinator

Ms. Sharlene Begay-Platero
Navajo Nation Fort Wingate Project Coordinator
P.O. Box 663
Window Rock, Arizona 86515

Dear Ms. Begay-Platero:

The New Mexico Environment Department (NMED) has made a request of the army to inform the Pueblo of Zuni and Navajo Nation of NMED's desire for Tribal members associated with the Fort Wingate environmental restoration program to interview it's constituents about the environmental history of Fort Wingate. More specifically, section VIII.A.1.b of the Resource Conservation Recovery Act (RCRA) Permit states NMED is interested in interviews from persons familiar with current and past activities and operations at the post, who were not interviewed previously or who may not have provided complete information during the initial interview. In addition, the NMED said that tribal constituents may be more willing to speak to tribal members than personnel or contractors from the army.

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State of New Mexico
Environment Department
Hazardous Waste Bureau
2905 Rodeo Park Drive East
Building 1
Santa Fe, NM 87505

The Army is providing a copy of a news release, maps, and interview questions as

enclosures to this letter for your use. These documents will also be sent electronically. If you have any questions about this matter, please call me at 505/488-5411.

Sincerely,

Mark Patterson
Fort Wingate BEC

Enclosures

Smith, Steve W SWF

From: Diaz, Tammy, NMENV [Tammy.Diaz@state.nm.us]
Sent: Thursday, November 09, 2006 10:10 AM
To: Smith, Steve W SWF
Subject: RE: Interviews

That is right, thanks

*Tammy Diaz-Martinez
Environmental Specialist
Environment Department
Hazardous Waste Bureau
2905 Rodeo Park Dr. E/Bldg 1
Santa Fe, NM 87505
Phone: 505-428-2552
Fax: 505-428-2567*

From: Smith, Steve W SWF [mailto:Steve.W.Smith@swf02.usace.army.mil]
Sent: Thursday, November 09, 2006 9:07 AM
To: bmartell@ashiwi.org; Begay-Platero Sharlene
Cc: Mark Patterson; Diaz, Tammy, NMENV
Subject: Interviews

Brian and Sharlene,

Just a reminder the interviews are due to NMED on Feb 28 2007 (180 days after the CRP). I intend to submit a report on the army's efforts by then.

Tammy,

It's my understanding that NMED is seeking independent (separate from the army) interviews by the Navajo and Zuni. Therefore, I am planning to send you only army interviews. I'm recalling that NMED mentioned this in a previous meeting. Please let me know if you expect something different.

Thanks everyone.

Steven W. Smith, P.E.
USACE Fort Wingate PGM
817/886-1879

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12/22/2006

ATTACHMENT 2



News Release

Release No. CESWF-PA-06-043 Contact: Clay Church

For Release: Immediate - 31 Aug 06 Phone: (817) 886-1310

U.S. Army Fort Wingate Depot Activity seeks information and announces public meeting

FORT WORTH, Texas – The U.S. Army is seeking factual information about former activities at the Fort Wingate Depot Activity (FWDA) that may now require environmental clean up. Former employees and members of the public are encouraged to contact the army with any pertinent information by calling (505) 488-5411 or by mail at Fort Wingate Depot Activity, ATTN: Mark Patterson, P.O. Box 268, Historic Route 66, Fort Wingate, N.M. 87316. The Army is available to conduct interviews from September 15th – September 21, 2006.

The Army assures former employees that non-disclosure agreements would not be binding, due to the fact that the Army has an official need to know about any releases of hazardous wastes or materials.

The Army is trying to conduct a thorough investigation of FWDA to identify potential sites at FWDA it is responsible for cleaning up. In doing so, the Army does not intend to bring civil or criminal charges against anyone who provides information about former activities at FWDA. The activities in question are to address Army requirements to clean up Fort Wingate under a State of New Mexico permit and are not part of any criminal investigation. Therefore, former employees and members of the public are encouraged to provide any information they may have concerning environmental issues at Fort Wingate Depot Activity.

In addition, a public Restoration Advisory Board meeting will be held on September 20, 2006 at 6 p.m. in the Coral Room, Best Western Inn & Suites, 3009 West Hwy 66, Gallup, N.M. 87301. The purpose of the meeting is to brief the public on the current status of the environmental restoration program at Fort Wingate Depot Activity.

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Visit the Fort Worth District web site at www.swf.usace.army.mil.

GALLUP MEDIA LISTING
Jul-06

	BUSINESS	ADDRESS	TELEPHONE	FAX	WEBSITE
NEWSPAPERS	Gallup Independent <i>daily except Sunday</i> <i>deadline 3pm 2 days</i> <i>before desired publication</i>	500 North Ninth PO Box 1210 Gallup, NM 87305	(505) 863-6811	(505) 722-5750	www.gallupindependent.com
	Navajo Times <i>Weekly - Thursday</i> <i>deadline 5pm Tuesday</i>	PO Box 310 Window Rock, AZ 86515	(928) 871-6641	(928) 871-6409	www.thenavaioimes.com
	Gallup Herald	207 S. Second St. Gallup, NM 87301	(505) 726-8330	(505) 726-8331	www.thegallupherald.com
	The Journey	211 W. Coal PO Box 2187 Gallup, NM 87305	(505) 722-3399	(505) 722-3399	www.gallupjourney.com
	Rez Biz	PO Box 460 Tohatchi, NM 87325	(505) 733-2226	(505) 214-5001	www.rez-biz.com
	The Four Corners Business Journal	205 W. Arrington Farmington, NM 87401	(505) 564-4673	(505) 326-6592	www.businessjournals.com
RADIO STATIONS	KGAK (1330 AM)	401 E. Coal Ave Gallup, NM 87301	(505) 863-4444	(505) 722-7381	
	KTNN (660 AM) KWRK (96.1 FM)	PO Box 2569 Window Rock, AZ 86515	(928) 871-2582	(928) 871-3479	www.ktnn.online
	KGLP (91.7 FM)	200 College Road Gallup, NM 87301	(505) 863-7626	(505) 863-7633	www.kglo.org
	Clear Channel Stations KGLX (99.1 FM) KXTC (99.9 FM) KFMQ (106.1 FM)	1632 S. Second St. Gallup, NM 87301	(505) 863-9391	(505) 863-9393	www.99.9xtc.com
	Millennium Radio Stations KYVA AM (1230 AM) KYVA FM (103.7 FM) KXXI (93.7) KKOR (94.5)	PO Box 420 Gallup, NM 87305	(505) 863-6851	(505) 863-2429	www.gallupradio.com
	ZUNI MEDIA				
	ZUNI KSHI Radio		(505) 782-4811	(505) 782-2232	

ATTACHMENT 3

Recorder FOLDER B

Interview Questions for Fort Wingate Army Depot

Date: 9/15/06

Time: 9:00 AM

Location: FT WINGATE

Interviewee: GLENN LIVINGSTON

Affiliation: FORMER EMPLOYEE

Interviewer: Steven Smith, PM USACE Fort Worth

SON: LEONARD ^{CELL} 505/803-6776

HM 505/726 8087

P.O. Box 512,
Church Rock, NM
87311

Script: Hello. I am calling on behalf of the U.S. Army Corps of Engineers.

Would you have a few minutes to visit with me?

The Army wants to understand what the folks in your community know about any environmental contamination or unexploded ordnance at Fort Wingate Army Depot.

3613 CHACO DR,
GALLUP, NM
87301

May I ask you a few questions, so your opinions and any questions you may have can be considered during the environmental studies at the depot? I expect this to take us about 15 minutes.

(If this is not convenient, is there a time that you would like for me to call you back? Or we can meet personally, during the week of _____, if you would prefer that.)

- How long have you lived in the area? since 1920 Church Rock 87 year old
- Are you familiar with the army depot? YES
- Have you worked there? YES 32 YEARS Retire 1980
- If so, where or what building or buildings? Did not work in any bldg.
Fork lift + Truck Driver
- What time period did you work at Fort Wingate? Both years 1950 - 1980
- Do you remember any chemicals used? How about explosive materials? How about bombs or ammunition? 1000S worked there
Work shop area is contaminated
Napalm stored in open areas East side
No chemical weapons used at FWDA
Ammo inspector: watched people closely,
wore protective clothing

7. Do you know of any chemicals like pesticides, fuel, oil, TNT, asbestos, solvents, or other chemicals being buried, dumped, or spilled anywhere?

No

Drove truck loads of bombs to OB/D

8. Do you know where any explosives or bombs may be found or buried?

OB Grounds

9. Have you ever talked with any Corps of Engineers, state, or environmental officials about their ongoing work at Fort Wingate Army Depot? If yes, did they contact you or did you contact them? What was the nature of the contact and were you satisfied with their information?

NO

10. Are you aware of any interests or concerns that any of your neighbors or friends may have about the site? If so, what are they?

George Smith:

Carl Hays: artist in igloo (black man) explosive worker
Salvador Perez: Demol + Workshop Car Quest

11. Do you know where information about environmental restoration activities at Fort Wingate can be obtained? If yes, where?

12. Would you like to be put on a mailing list used to notify people about the cleanup activities at FWDA?

13. Is there anyone else you think we should interview concerning the site? May we use your name? (Get names and phone numbers)

Andy Newman - dead

George Smith - Sandance Road still living (Code Talker)

OB - sent airplane watches
in hogback for safety

~~Indians~~

Built wood fence to coral houses
Fence up base canyon!

T-33 Woodhops. made crates for ammo

Bldg 13 credit union

Died 1944

14. Is there anything else about Fort Wingate that you would like to comment on?

Mike Livingston Greatgrandfather: Caught German
Barricade in old FW. Cemetery

FTR 2/3 - worked on after 1980 not familiar with
FTR 1 - " " "

Additional Space

Fork lift, truck driver, brought bombs to demol
area

Wooden storage: boy during the time remembers them

Pick + shovel: worked on igloo foundation 1940-41
FWDA got workers from Wingate school.

Drove all over post.

Old records - in Gallup Fed Bldg

Wife: aunt went to Navajo school 1920's

Baby food stored in igloos because storage areas ~~was~~ were hard to find

16 boxes not contain - ammo contained, saw no spills
Rough terrain fork lifts

Did not recall parking things into cargo

Thank you for your time. Your information will be used as the Army plans their cleanup activities.

East side of 528: opened bombs, contaminated
Magazines around lake; containers, non-exploders

N. Patrol road

Temp bunkers 50' from road
jelly bombs (napalm) stored here
3 or 4 temp storage sites

↓
during Vietnam War. Wanted them away from
ground. ~~No Hedy Hada roof~~

↙ on high area south of road.
↘ low level area w/ berm to the south

situation

GPS tracing

542 - workshop contaminated w/ explosive
concrete wall → safety barrier

528 - Powder bldg north of 528
said it should be checked

Paint shop (515)

Workshop (1) accident due to misuse of handling

Glenn Livingston Notes from audio recording.

Went into service 1942

Discharged 1945

Worked for Navy in Calif. 1945-1950

Did not move expts from WWI magazines.

Workshop

↳ Wash out bombs
Used water to wash out bombs

Napalm - stored in open. too big for igloos
- " in open sites.
- Temporary storage

Parcel Map looked at it

Records

↳ moved records to Gallup Fed Bldg.

"Cavalry days" records ~~was~~

Moved from Wingate High School.

FTRs: Mike Chee (FTR 1) said Hillend (Nat. Guard) used it.

Igloos: Does not recall igloo being hit by lightning

Gate 209 'Quonit' hut → lunch room.

S/Os: stored blasting caps in small bunkers (day use)

Forced up Horse Canyon.
- metal burning area

Glenn Livingston
left @ 28:00

- Did not recall burying items in OB

Admin drive

Remembered the fire training area.

Inert storage bldg near lake - Non-explosive storage.
Eastern landfill - recalled? hard to tell

'O' sites - stored napalm. He did not see leakage

No activities north of the N. Patrol road.

- Recalled gravel pit north of patrol. Did not use gravel for
FWDA.

- Temp. storage of napalm in open site on N. Patrol road.

- Did not recall FTR 2/3.

- 542: Workshop, contaminated w/ explosives.

- Deact furnace → burned fuzes

- Revetments in A+B ⇒ temp storage of bombs

* Remembered open storage site on east side of ^{patrol} road.

ID'd small bunker used for blasting caps in Parcel B

* Bombs were ready for shipment by train on quick notice.

G. Livingston

OB/OD

- Recalled barning area in F. up Horse Canyon.
- Built old style fence for ~~some~~ horses
- Did not work in old demo area.

Current OB/OD

- Has been to observation bunker
- A lot of demo on east bank. (East rise)
- Dumped mtl into arroyo.
- Use doger to make demo bunker
- Found skull on south end (west side).
- afterwards they moved demo ops to east side of arroyo.
- Burned + blew, burned propellant
- No demo beyond cleared area at south end

ATTACHMENT 4

Interview Questions for Fort Wingate Army Depot

Date: 10/25/06

Time: 1:30

Location: Fareastation

Interviewee: LEO URBINA

Affiliation: Former worker

Interviewer: Steven Smith, PM USACE Fort Worth

OCT 26 1:00 PM THURSDAY

505/863-3564
Wants to go with
Nick Martinez 722-5990

312 CINIZA DRIVE

Script: Hello. I am calling on behalf of the U.S. Army Corps of Engineers.

Would you have a few minutes to visit with me?

The Army wants to understand what the folks in your community know about any environmental contamination or unexploded ordnance at Fort Wingate Army Depot.

May I ask you a few questions, so your opinions and any questions you may have can be considered during the environmental studies at the depot? I expect this to take us about 15 minutes.

(If this is not convenient, is there a time that you would like for me to call you back? Or we can meet personally, during the week of _____, if you would prefer that.)

1. How long have you lived in the area? _____

2. Are you familiar with the army depot? YES

3. Have you worked there? 1946-1984

4. If so, where or what building or buildings? 503, 528 Broke ammo, painted
started in demo grounds in 1971 ↳ de-mil

5. What time period did you work at Fort Wingate? see above

6. Do you remember any chemicals used? How about explosive materials? How about bombs or ammunition? Demolished white phosphorus

See Projor, burned propellant, frag bombs, dynamite confiscated
from argonium mine workers. Worker got hurt by M83
in 503. went off ↳ on bounding Betty

Used starting caps to ignite. Used flaked TNT to set off
detonations

Buy state
Police

11. 51. 11

7. Do you know of any chemicals like pesticides, fuel, oil, TNT, asbestos, solvents, or other chemicals being buried, dumped, or spilled anywhere?

Thinner @ paint shop, O.D. "olive drab" paint.

8

8. Do you know where any explosives or bombs may be found or buried?

Dumped WP projectiles, milk bottles (Navy 155's) land mines. Used C4 too.

9. Have you ever talked with any Corps of Engineers, state, or environmental officials about their ongoing work at Fort Wingate Army Depot? If yes, did they contact you or did you contact them? What was the nature of the contact and were you satisfied with their information?

No

10. Are you aware of any interests or concerns that any of your neighbors or friends may have about the site? If so, what are they?

Carl Mage - not living

Nick

Bennie ~~At~~ Oliver - living?

11. Do you know where information about environmental restoration activities at Fort Wingate can be obtained? If yes, where?

No

12. Would you like to be put on a mailing list used to notify people about the cleanup activities at FWDA?

13. Is there anyone else you think we should interview concerning the site? May we use your name? (Get names and phone numbers)

*Surveillance; Bennie Oliver
Oliver*

14. Is there anything else about Fort Wingate that you would like to comment on?

X-11: Portch struts, painted 500 lb bombs
P-W dock loaded box cars
All X sites had roofs. Ammo stored in boxes

Additional Space

Painted bombs, washed out bombs, de-milted
bombs, 500, 1900 lb,
Carl Mase - washer
News photo - land mines
Blow 12:00 + 3:00 pm
Fitz - good man built washout plant

Open storage:
Ammo stored in boxes in X-13
T-site open storage: bombs stored at these
Fuse well plugs in T sites: removed well plugs to
oppose them (insultance)
A few V-2 rockets (inerted) came here. Alum base plates

A Long lines in OB in 1958: where storage? pallets?
↳ he was not sure
↳ burned propellant in trenches
516 - receiving building
LCL Building: de-fuse fuses

Thank you for your time. Your information will be used as the Army plans their cleanup activities.

Leo Urbina

- 503 - water drained to leaching beds daily
- used water to ~~separate~~ separate TNT from bombs + shells.
 - Each batch of bombs took 2-4 hours to wash out
 - Took shells to OJ/OJ for burning after they were washed out.

had tar roll roofing

X-site made of wood (roof + poles, no side walls)

- stored 75 mm in X-site (3 together in 3 leg clover)
- empty cases, inert items, ammo stored in boxes

Napalm stored in metal containers (coffins)

X-site: demo'd public workers took salvaged wood/lumber
lumber was valuable. [some roof mtl still on site]
300' long 12'-15' high

- site kept clean

X-13 - Parcel 21 stored ammo in boxes

T-site

Had to reduce the number of blow from 1 or 2 to 4 due to
tiger complaints. big smaller

He did inventory on munitions often

Leo Urbina

Viewing arago photos

Burned metal debris + it melted
together + left it in the ground.

Removed banding from shells (brass recycled)

ATTACHMENT 5

Interview Questions for Fort Wingate Army Depot

Date: 8/31/05

Time: 2:30 - 3:30

Location: Phone + AF FwDA

Interviewee: Nick Martinez

Affiliation: Former worker

Interviewer: Steven Smith, PM USACE Fort Worth

Script: Hello. I am calling on behalf of the U.S. Army Corps of Engineers.

Would you have a few minutes to visit with me?

The Army wants to understand what the folks in your community know about any environmental contamination or unexploded ordnance at Fort Wingate Army Depot.

May I ask you a few questions, so your opinions and any questions you may have can be considered during the environmental studies at the depot? I expect this to take us about 15 minutes.

(If this is not convenient, is there a time that you would like for me to call you back? Or we can meet personally, during the week of 9/18 1:00p.m., if you would prefer that.)

1. How long have you lived in the area? born 1927±

2. Are you familiar with the army depot? yes very

3. Have you worked there? YES ^{OCT} 1944 - 1971 reduction in force

4. If so, where or what building or buildings? (528) ^{near} all buildings
Truck Driver

5. What time period did you work at Fort Wingate? STARTED OCT 1944 SMOKE

6. Do you remember any chemicals used? How about explosive materials? How about bombs or ammunition?
No recollection of chemicals. Burned HE bombs 105 shells
Bombs burned yellow smoke chemical burned a long time 155
Napalm - some leaked (Fire bombs); Not many @ depot.
↳ not in igloos ⇒ open sites. 1000 lb bombs ⇒ saw them
Frag bombs, 500 lbs, 250 lbs, 105, 76, 155? 61 pellet.
No makes Bouncing Betty ↳ ring on top
No mustard, VX, chemical
Napalm did not stay long stored outside.
↳ near water tower

7. Do you know of any chemicals like pesticides, fuel, oil, TNT, asbestos, solvents, or other chemicals being buried, dumped, or spilled anywhere?

Not aware of buried chemicals

No chemical weapons

8. Do you know where any explosives or bombs may be found or buried?

Not other

then OB/OD

9. Have you ever talked with any Corps of Engineers, state, or environmental officials about their ongoing work at Fort Wingate Army Depot? If yes, did they contact you or did you contact them? What was the nature of the contact and were you satisfied with their information?

NO

10. Are you aware of any interests or concerns that any of your neighbors or friends may have about the site? If so, what are they?

Will try contacting another person

11. Do you know where information about environmental restoration activities at Fort Wingate can be obtained? If yes, where?

NO

12. Would you like to be put on a mailing list used to notify people about the cleanup activities at FWDA?

13. Is there anyone else you think we should interview concerning the site? May we use your name? (Get names and phone numbers)

Trying to contact a friend

14. Is there anything else about Fort Wingate that you would like to comment on?

Bldg 6 - service station

Additional Space

TNT wash out plant - Bldg 503 503 was still up when he left

Burn damage, residue from wash plant, such TNT + all to miners, trinitinol compound filler for bombs, ^{PERMITS} ^{BOMBS} high bombs and lower to INCENDIARY + ROCKETS + let them to melt iron for scrap.

Worked @ OB/OD area drove trucks from igloo to demo grounds. ^{did} → Drove trucks to current OB/OD at this time.

OCT 1944 - MAY 1945 1947-1971

17 years MAY 1945 - FEB 1947 in service

Demored for then whited 24 hrs before going to demo area

Went hunting in OB/OD had to sign waiver for injury. Did not know of anyone getting hurt.

Truck driver 1947-1968

Supervisor 2 years shipping + received

Explosive operator

Korean war

Took things that were burned + inspected to salvage yard near RR spur at work shop area.

Thank you for your time. Your information will be used as the Army plans their cleanup activities.

528 - fuser + renovating Bombs Korea + Vietnam.

Nick Martiney

- Bldg 6 - service station
- Bldg 542 - Worked on practice rockets in 542
Not contaminated
- ~~#~~ said there was an inert storage area on the east part
of the road between A + B areas.
- Dropped off bombs in current demo area.
- Used to hunt in demo area. H
- 03/00 - Bldg 609 - stored blasting caps, day are bumper
revolvers → temp storage prior to demo.
- Did not recall detonations in Josed 03/00 (Fenced up horse
canyon) Next
WS-10014
- " " " " in Old Demo area.

Observation point

Burned napalm in middle of OB (current)

" bombs/shells

Drove trucks into current 03/00.

Hunted in south part of parcel 3 in part

Not familiar w/ debris in arroyo

VT fuzes - Burned fuzes near the surveillance bldg (deactivation
furnace). Fuzes had mercury switches.

Fence around 3 igloos in 'C block' did not know why. Did not
think the army.

Nick Martiney

516 - storage

Flat - showers, change rooms for TNT workers
bldg - stone bldg.

Deactivation furnace - burned VT fuses, conveyor
Mercury may be an issue

528 - remove bio plate in cave bunker.

536 - surveillance bldg, ammo inspectors

535 - mech/furnace bldg.

316 - break room

312 - std magazines, TPL ^{now over}, stored pallets of shells 105's, 76's

301 - 302 " " , 311 also

501? (next to former 503)

515 - painted bombs, monorail, did not recall pit to west.

Open storage on south side of N. Patrol road. (Napalm stored,
did not recall leaking in open water on N. Patrol road.

FTR 2/3 ⇒ did not recall activities here

6 block ⇒ " " " contamination

Fire training and ⇒ did not recall

ATTACHMENT 6

Interview Questions for Fort Wingate Army Depot

Date: 10/20/06

Time: 8:30 AM

Location: T-34

Interviewee: MIKE CHEE

Affiliation: FWDA CARETAKER

Interviewer: Steven Smith, PM USACE Fort Worth

Script: Hello. I am calling on behalf of the U.S. Army Corps of Engineers.

Would you have a few minutes to visit with me?

The Army wants to understand what the folks in your community know about any environmental contamination or unexploded ordnance at Fort Wingate Army Depot.

May I ask you a few questions, so your opinions and any questions you may have can be considered during the environmental studies at the depot? I expect this to take us about 15 minutes.

(If this is not convenient, is there a time that you would like for me to call you back? Or we can meet personally, during the week of _____, if you would prefer that.)

1. How long have you lived in the area? ENTIRE LIFE Born 1947

2. Are you familiar with the army depot? YES

3. Have you worked there? YES

4. If so, where or what building or buildings? 5, 528, 33, 34, 309,
POPPING PLANT - Dead Furnace (530)

5. What time period did you work at Fort Wingate? 1980 - PRESENT

6. Do you remember any chemicals used? How about explosive materials? How about bombs or ammunition? WHITE PHOSPHORUS, ANTI-FREEZE, GAS,

DIESEL, UST FOR DIESEL TANKS, (REMOVED) IT leaked.
UST + soil removed, cleaning fluid in 528 drum stored 55 gal
in #5, removed fluid from round (inert) solvent (had a (2 drums)
long name TCE? TCA?
528: bucket full, dipped rag or paint brush.

ACETONE: 528 general cleaning (paint) (yellow jars)
No Chemical Munitions used

7. Do you know of any chemicals like pesticides, fuel, oil, TNT, asbestos, solvents, or other chemicals being buried, dumped, or spilled anywhere?

AEM → Bldg abatement Corps did this

Bldg 11 → PCBs Not aware of open storage 'x', '7', '0' sites

8. Do you know where any explosives or bombs may be found or buried?

C4 (plastic donor charges) used in current OB

Demol 3.5" pellets for 2 years @ OB

Did not work in old demo grounds

9. Have you ever talked with any Corps of Engineers, state, or environmental officials about their ongoing work at Fort Wingate Army Depot? If yes, did they contact you or did you contact them? What was the nature of the contact and were you satisfied with their information?

Corps

10. Are you aware of any interests or concerns that any of your neighbors or friends may have about the site? If so, what are they?

Pete Oliver: Gallup demo
Lea Perry - TNT washout 503, old demol area, current.
Laborer → min interview on Saturday (Works week days)

11. Do you know where information about environmental restoration activities at Fort Wingate can be obtained? If yes, where?

NO other than Toole

12. Would you like to be put on a mailing list used to notify people about the cleanup activities at FWDA?

13. Is there anyone else you think we should interview concerning the site? May we use your name? (Get names and phone numbers)

Rob Ortiz → (faded away) lead operator

14. Is there anything else about Fort Wingate that you would like to comment on?

Blue 3.5" Practice rounds (part body) #14A's heliport
in B area. After depot closed Topele put these on heliport
All practice rounds (no explo) went to Gallup landfill.
12 truck loads

Additional Space

OUTDATED MUV. Demiled, projectile rounds at
Explosives current OB/D
#6 C4 OB/D Current, TNT, No work in old dems
Position: explosive operator: skip ^{receive} ~~scar~~, blocking
demil. old stuff. Got a lot of ^{TNT} granulation powder in
5 gal box containers. Proposed job to produce 20 mil rounds
project canceled so it was burned at OB gr. (burn tray)
Wind a problem: blew burn into a fire. ↳ 4 bags
155mm powder: buried on ground *
Debris in arroyo there before he was. 30" long
3.5" Rocket: mtl burned. 3.5" Rocket container (empty)
(buried. 50± holes 10" deep 30" ^{long} wide ^{width of 30 gal} or deeper, metal + fiberglass
Rocky side of arroyo ⇒ buried for a week, next week
(East side) on the sandy side (west side)
↳ bayouha rounds N. of current det crater on
sergeant York E. + W. side of arroyo.
Left items in box cars
Not VA info on FTRs

Thank you for your time. Your information will be used as the Army plans their cleanup activities.

- Under supervision of QASIS (safety inspector)

ATTACHMENT 7

ON HILL, RAIL FENCE

Interview Questions for Fort Wingate Army Depot

Date: 9/18/06
Time: 10-12 NOON
Location: HER HOME
Interviewee: SALLY NOE
Affiliation: LOCAL HISTORIAN
Interviewer: Steven Smith, PM USACE Fort Worth

1911 MARK AV
GALLUP, NM
505/863-5663

Script: Hello. I am calling on behalf of the U.S. Army Corps of Engineers.

Would you have a few minutes to visit with me?

The Army wants to understand what the folks in your community know about any environmental contamination or unexploded ordnance at Fort Wingate Army Depot.

May I ask you a few questions, so your opinions and any questions you may have can be considered during the environmental studies at the depot? I expect this to take us about 15 minutes.

(If this is not convenient, is there a time that you would like for me to call you back? Or we can meet personally, during the week of _____, if you would prefer that.)

1. How long have you lived in the area? many years
2. Are you familiar with the army depot? YES
3. Have you worked there? NO
4. If so, where or what building or buildings? _____
5. What time period did you work at Fort Wingate? NA

6. Do you remember any chemicals used? How about explosive materials? How about bombs or ammunition?

I need copy of: igloo court photo, map of burn ground (June 1953) south of J block, 1931-1932 photos of Wingate book w brown cover, 1/1/60-6/30/60 5-annual report

7. Do you know of any chemicals like pesticides, fuel, oil, TNT, asbestos, solvents, or other chemicals being buried, dumped, or spilled anywhere?

NO

8. Do you know where any explosives or bombs may be found or buried?

NO

9. Have you ever talked with any Corps of Engineers, state, or environmental officials about their ongoing work at Fort Wingate Army Depot? If yes, did they contact you or did you contact them? What was the nature of the contact and were you satisfied with their information?

NO

10. Are you aware of any interests or concerns that any of your neighbors or friends may have about the site? If so, what are they?

NO

11. Do you know where information about environmental restoration activities at Fort Wingate can be obtained? If yes, where?

NO

12. Would you like to be put on a mailing list used to notify people about the cleanup activities at FWDA?

NO

13. Is there anyone else you think we should interview concerning the site? May we use your name? (Get names and phone numbers)

NO

14. Is there anything else about Fort Wingate that you would like to comment on?

NO

Additional Space

Thank you for your time. Your information will be used as the Army plans their cleanup activities.

ATTACHMENT 8

4.4 Summary of Interviews

At Gallup, NM, interviews were conducted to obtain background and first hand knowledge of **Fort Wingate**. Local individuals, historians, and military veterans were contacted during a local source research trip. Names, addresses, and a synopsis of the interviews are presented below:

Mr. A. M. Kilpatrick
1206 East Aztec
Gallup, NM
Telephone: (505) 863-6966

Mr. A.M. "Buster" Kilpatrick, was Chief, Ammunition Operations Division, **Ft. Wingate**, for many years. His tenure of federal service was from 1942-1972. He recalled initial demil operations commencing in 1943 and full-scale operations in 1946. He did not recall any ordnance being found near the Ft. Wingate School; but he mentioned problems with the demil (short for demilitarization - the removal of powder, etc., from munitions) operation of WW II-era Butterfly bomb munitions. Apparently, according to Mr. Kilpatrick, some of these munitions were scattered above-ground during demil operations. Mr. Kilpatrick mentioned that Mr. "Ike" Lewis, who lives in Ramah, NM, is very knowledgeable about the ammunition storage area.

Mr. Rudolpho Ortize
Gallop, NM

Mr. Rudolpho Ortize, a former leader for demil operations was able to describe various aspects of **FWDA** demil operations. Eight "pits" were utilized for demil operations, according to Mr. Ortize. He did not recall any problems with "kick-out" other than some problems with the demil WW II-era Butterfly bombs.

Mr. Eloy Salas
Gallop, NM

On 19 January 1995 Mr. Eloy Salas, former employee who was familiar with the demil operations at **Ft. Wingate** was interviewed. He indicated that various white phosphorous (WP) rounds were demiled near the demil range control tower. Mr. Salas confirmed the "kick-out" problem with demolition of the WW II-era Butterfly bombs. He mentioned the TNT washout facility (Bldg 522) and the accompanying leach-out contamination; and stated that 155mm mustard rounds were stored in Area H. All types of conventional munitions were stored at **Ft. Wingate** up to 10,000 lb bombs, according to Mr. Salas. It was his knowledge that prior to WW II, bulk TNT was stored at **Wingate Ordnance Depot** and later shipped to England under the Lend-Lease Program.

Mr. Ike Lewis
Ramah, NM

8

On 19 Jan 95, Mr. Lewis was contacted at his residence in Ramah, NM. He recalled the temporary storage of 155 mm Mustard rounds at **Ft. Wingate**. He did not recall any demil of chemical munitions at **Ft. Wingate**. Mr. Lewis, likewise, recalled the above-ground problem associated with the demil of WWII-era Butterfly bombs.

4.5 Interpretation of Aerial Photography and Map Analysis

4.5.1 Interpretation of Aerial Photography

a. Photoanalysis and land use interpretation were done using the following listed photography:

<u>Photography Date</u>	<u>Scale</u>	<u>Source</u>	<u>Identifier(s) Frame(s)</u>
21 Dec 1948	1" = 4000'	National Archives	17 and 18
6 Apr 1949	Oblique	National Archives	54 and 55
27 Nov 1962	1" = 2500'	EROS	1-75 thru 78, 1-87 thru 90, 1-118 thru 121, 1-139 thru 142
30 Sep 1973 thru 23 Nov 1973	1" = 2583'	BLM	1-34-32 thru 36, 1-35-32 thru 35, 2-33-30 thru 34, 11-36-35 thru 37
30 May 1978 and 31 May 1978	1" = 3333'	ASCS	178-173 thru 178, 278-19 thru 24, 278-117 thru 122
5 Jul 1994	1" = 2000'	T.R. Mann Assoc.	1-001 thru 008, 2-001 thru 008, 3-001 thru 003