

Date: March 1, 2016
To: Project File (Memorandum)
Subject: Earth Covered Magazine (ECM) Inventory of Waste Military Munitions (WMM)
Environmental Remediation Efforts, Fort Wingate Depot Activity, NM.
From: Scott Wardle, Site Manager/ SUXOS, PIKA Pirnie JV, Inc.,

1. The Following ECMs were inspected for compliance with DOD 6055-09-M, DODI 4160.62, AR 385-64, EP 1110-1-18 and the SOP for Storage of Waste Military Munitions under the Conditional Exemption of the Military Munitions Rule Fort Wingate Depot Activity.
2. Two Year Cycle "Lightning Protection & Grounding System Test" was completed on 21 August 2015 by Classic Lightning Protection, Inc. A copy of the certification test is included at the end of this report (section J).
3. Donor explosives are currently being held in B-1028, B-1029, B-1039 and B-1041
4. Fire Extinguisher - All Fire extinguishers located on site in front of applicable igloos are fully charged. Inspection Tags are up to date as of February 2016.
5. Security Fence - The 5 Ft. fire break inside and outside the security fence is satisfactory. Routine mowing was completed 13 October 2015. All gates are properly secured. Previous fence damage around B-Block was identified in several locations and appears to be from large animals or vegetation removal equipment. These areas have been repaired as needed and the fence provides adequate security. See Attached photos.
6. The above inventory and inspection of ECM WMM and donor charges was conducted by Tammie Fanning (JV, Demo Supervisor, UXO Tech III) and Brian Lowman (JV, UXO Tech II) on 26 Feb 2016.

Tammie Fanning

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A. ECM B-1028

Routine mowing of the 50 foot firebreak was completed 13 October 2015. The ECM door is properly locked and indicates proper contact information.

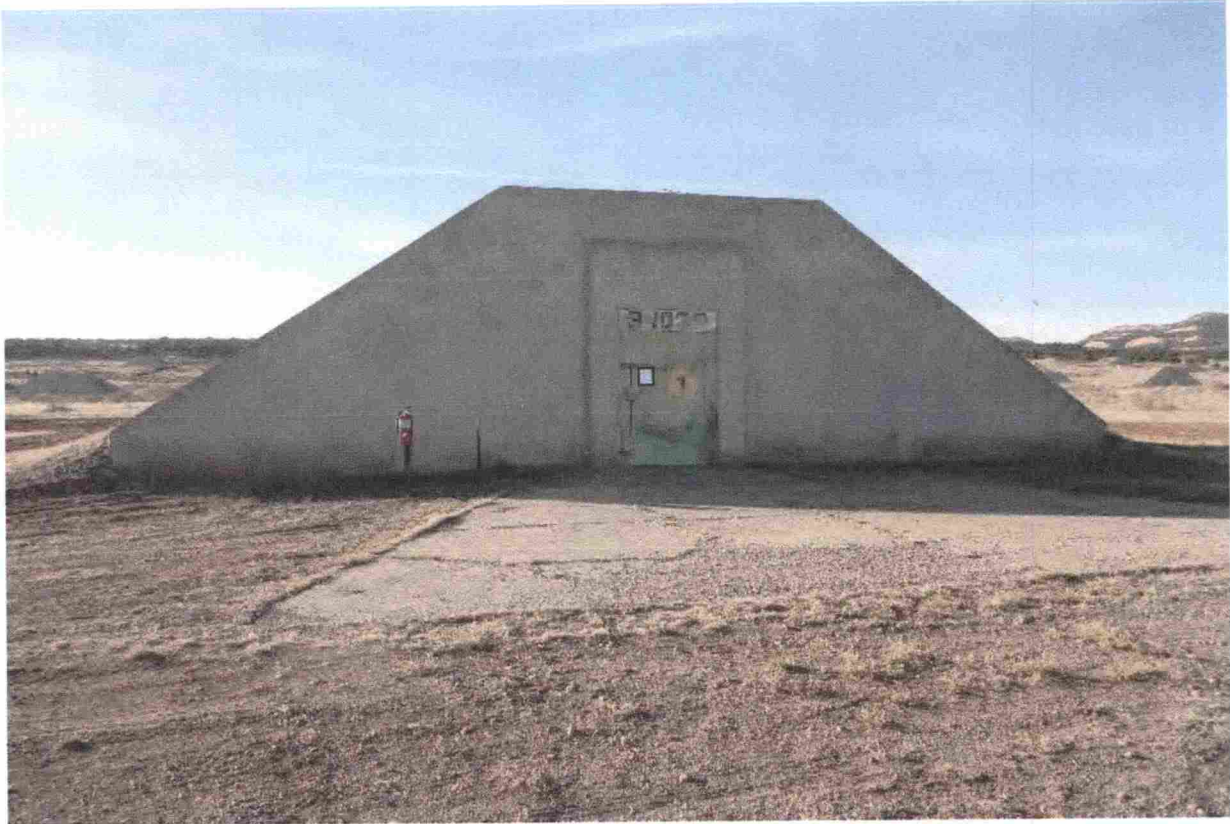


Donor Charge Inventory

Nomenclature	Quantity
Brown Cap Boosters, ½ Lb.	100
Black Cap Booster, ¾ Lb.	33
Black Cap Booster, ¼ Lb.	60
Perf 3 3/8" TAG DP/GH RDX	107
Perf 3 3/8" TAG DP/GH RDX	78
Primacord 5 Det Cord, 25 grain	565'
Primacord Det 10 Cord, 50 grain	1000'
Primacord Det Cord, 50 grain	3220'
Fireline 17 Det Cord, 80 grain	385'
Primaline 21 Det Cord, 100 grain	1285'
Detonating Cord, 200 grain	1765'

B. ECM B-1029

Routine mowing of the 50 foot firebreak was completed 13 October 2015. The ECM door is properly locked and indicates proper contact information.

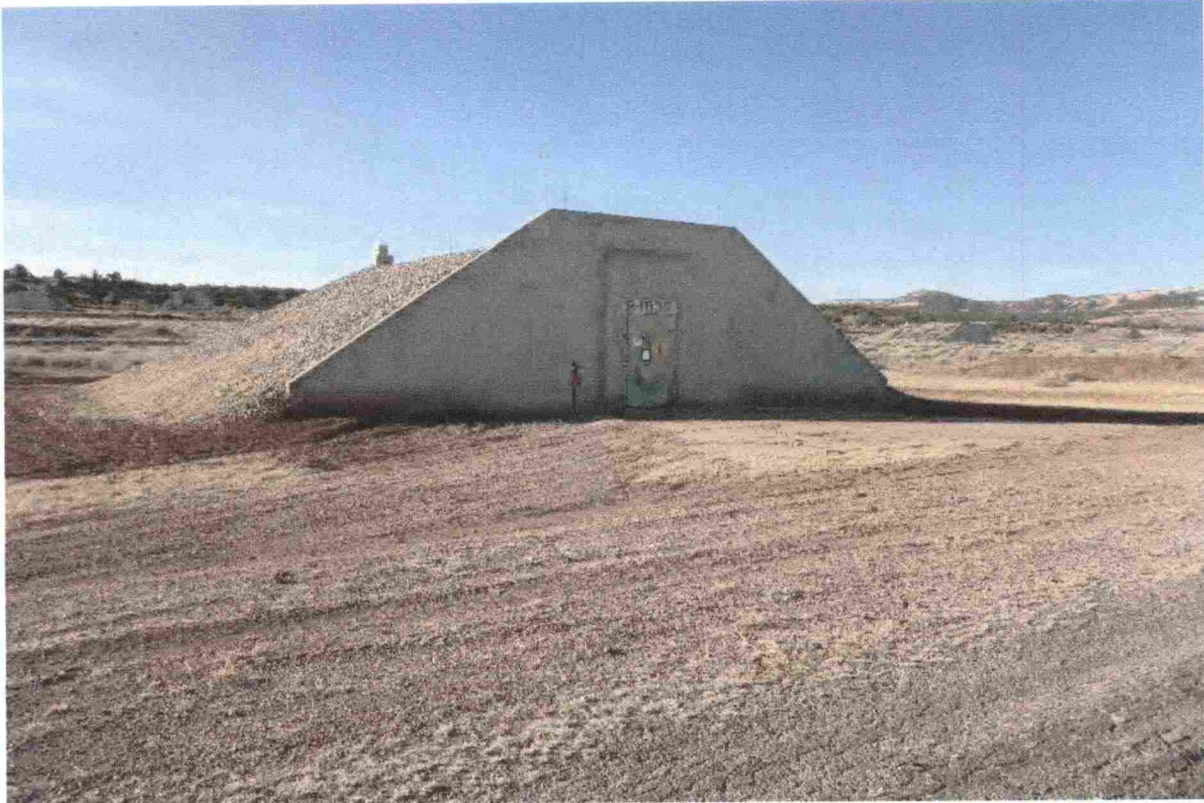


Donor Charge Inventory

Nomenclature	Quantity
20' Static Star seismic Detonator	102
Elec Detonators, SP/MS, 0, 16' Oms	16
Elec Detonators, SP/MS, 0, 16' Oms	24
Elec Detonators, SP/MS, 0, 16' Oms	25
Davey Fire Electric Igniters. 3' (Squib)	110

C. ECM B-1038

Routine mowing of the 50 foot firebreak was completed 13 October 2015. The ECM door is properly locked and indicates proper contact information.

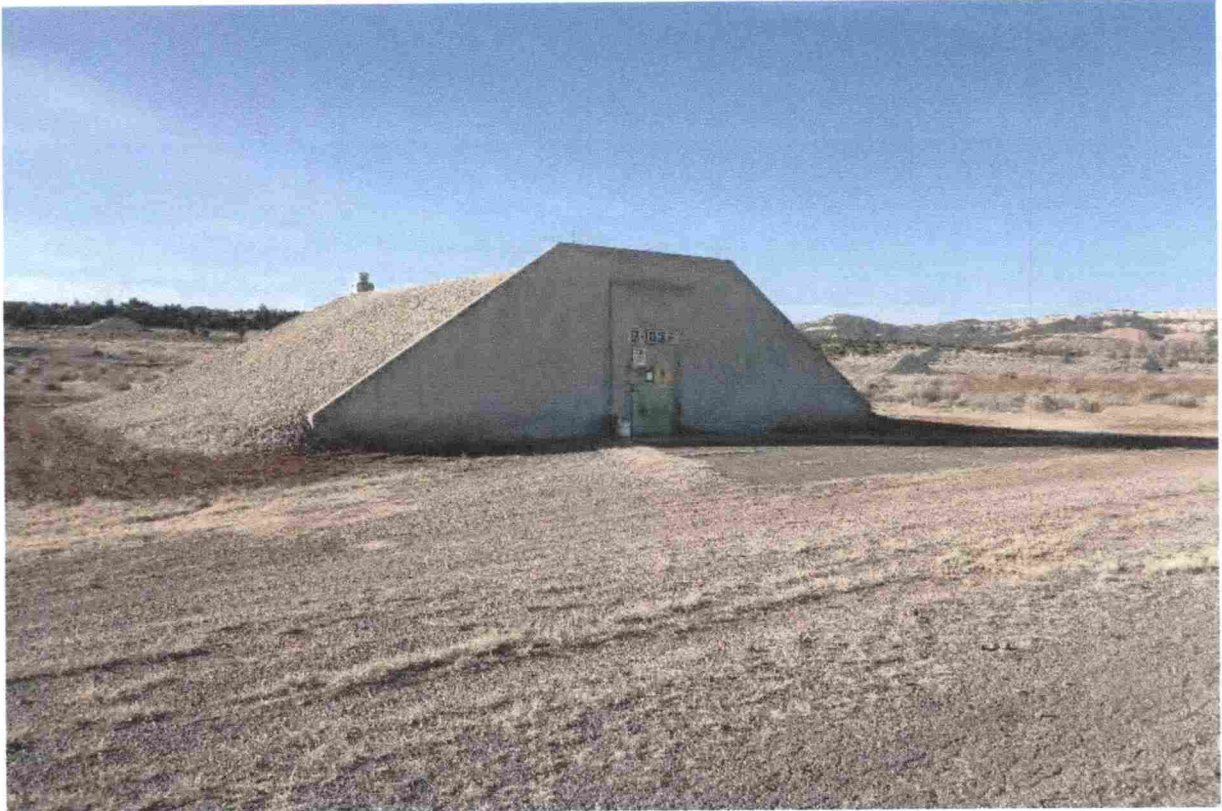


WMM Inventory

Nomenclature	Quantity
Projectile, 37mm, M54	2
Projectile, 90mm, T-91	1
Fuze, Bomb, Hydrostatic, MK223	1

D. ECM B-1039

Routine mowing of the 50 foot firebreak was completed 13 October 2015. The ECM door is properly locked and indicates proper contact information.

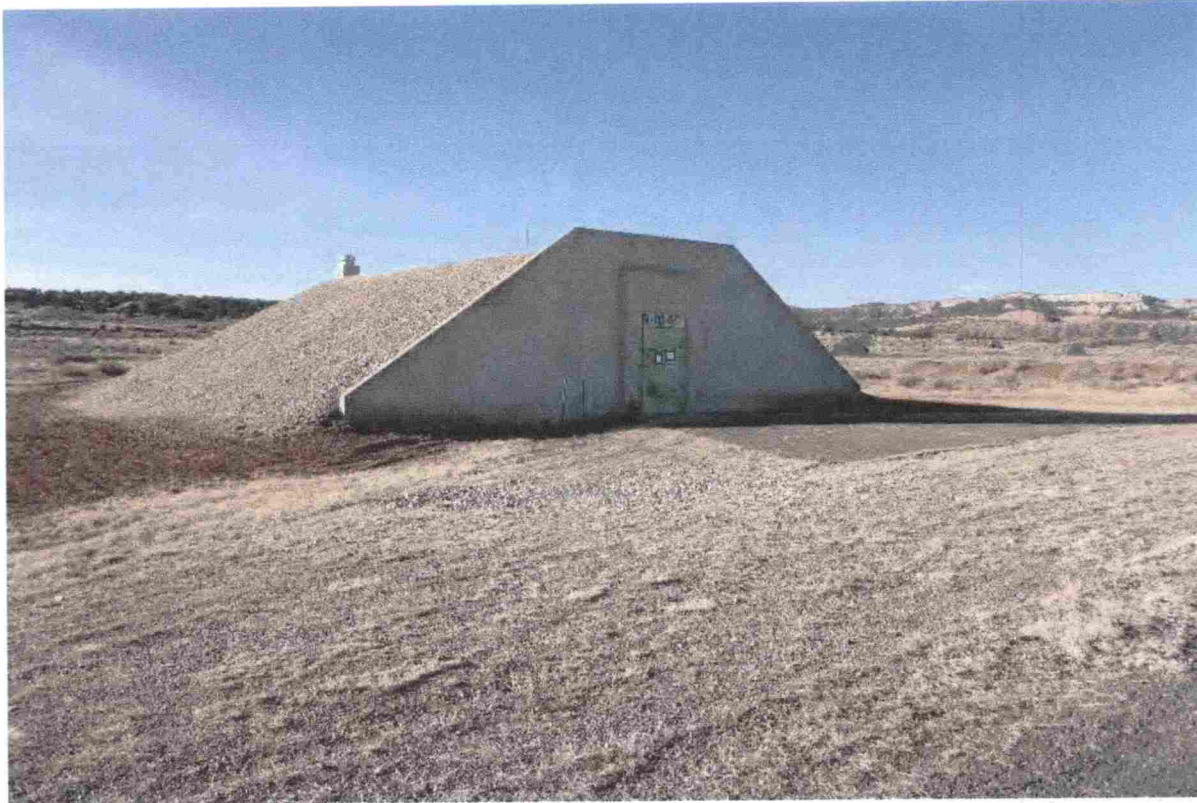


Donor Charge Inventory

Nomenclature	Quantity
IMR 4831 Smokeless Powder	5.625 lbs
Helix Activator Aluminum Powder Coated	2 gl

E. ECM B-1040

Routine mowing of the 50 foot firebreak was completed 13 October 2015. The ECM door is properly locked and indicates proper contact information.



Inventory

Nomenclature	Quantity
N/A	Empty

F. ECM B-1041

Routine mowing of the 50 foot firebreak was completed 13 October 2015. The ECM door is properly locked and indicates proper contact information.



Donor Charge Inventory

Nomenclature	Quantity
Helix Liquid Nitro-methane	2 gl

G. ECM B-1042

Routine mowing of the 50 foot firebreak was completed 13 October 2015. The ECM is locked, empty and clean.



Inventory

Nomenclature	Quantity
N/A	Empty

H. ECM B-1043

Routine mowing of the 50 foot firebreak was completed 13 October 2015. The ECM is locked, empty and clean.



Inventory

Nomenclature	Quantity
N/A	Empty

I. PHOTOLOG



East Entrance Gate looking West



Perimeter of the fence looking West from East Entrance Gate



Perimeter of the fence looking North from East at entrance gate



Outside Perimeter of the fence at Northwest corner looking south



West Gate 1



West Gate 2

J. LIGHTNING PROTECTION INSPECTION

Classic Lightning Protection, Inc.



UL LISTED

1424 E. Cedar Lane
Payson, Arizona 85541

(928) 474-1727

LIC # ROC 201612
Res / Cml / Ind

LIGHTNING PROTECTION & GROUNDING SYSTEMS TEST

8/21/2015

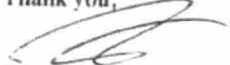
Facility: Ft. Wingate Depot-Gallup, NM Igloos (8) with 500' of test leads with AEMC 4630.

Unit #	Connections Tight	F.O.P.	Earth to A	A to B	A to C	A to D	A to E	Hinge	Noted Issues
B1028	Yes	1.86	.01	.01	.01	.01	.01	.07	None
B1029	Yes	1.95	.01	.01	.01	.01	.01	.01	None
B1038	Yes	1.31	.03	.03	.05	.04	.04	.09	None
B1039	Yes	1.02	.05	.05	.08	.07	.07	.11	None
B1040	Yes	1.33	.06	.06	.06	.07	.07	.11	None
B1041	Yes	1.30	.08	.09	.09	.09	.09	.13	None
B1042	Yes	1.44	.09	.09	.09	.12	.09	.14	None
B1043	Yes	1.34	.11	.13	.11	.11	.12	.16	None

Conditions: Dry
Hours since rainfall: 48

A F.O.P. reading of 25.0 ohms or less is acceptable.
A continuity reading of 1.0 ohms or less is acceptable.

Thank you,



Kevin W. Morris, President
Certified Master Installer/Designer
LPI #1414 - UL #E254673

