



Hawthorne Army Depot



World Largest Depot

- Government Owned Contractor Operated (GOCO)
- Ammunition Archive Storage,
- Receive, Store, Issue and Demilitarization of Ammunition
- 147,236 Acres / 7.7M sq ft of storage
- Approximately 2500 Buildings
- Expect new contract award date of Oct 2010
- Repositioning on DOD Elementary Mercury



DOD Mercury Storage

- Aug/Sept 2010 - Pilot Shipment arrived at HWAD
- Sept 2010 - Concept Submittal to DLA
- Oct 2010 – Design Evaluation Complete (DLA/NDEP)
- Dec 2010 – Design Drawings Contract (Corp of Engineers)
- May 2011 – Construction & Equipment Acquisition Award
- Nov 2011 – Construction Complete
- Jan 2012 – Testing Complete

Geothermal

- Jan 2010 – ISSA signed between Army and Navy GPO
- Sep 2010 – Completion of slim test holes
- Nov 2010-Mar 2011 – site selection for power plant by Installation DPW
- Jan-Mar 2011 – Industry Forum for prospective bidders
- Apr-Sept 2011 – Request for Proposal
- Oct-Dec 2011 – Contract Award
- Nov 2014 – Power on Line



Training Capabilities

- Ranges encompass 68,000+ acres
- Air, Land, & Water tactical capabilities
- Live Fire 50 cal small arms & up to 81MM mortars.
- High altitude / desert climate training



Ready - Reliable - Lethal





Hawthorne Army Depot



Questions?



Ready - Reliable - Lethal





Hawthorne Army Depot



BACKUP

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HWAD Geothermal



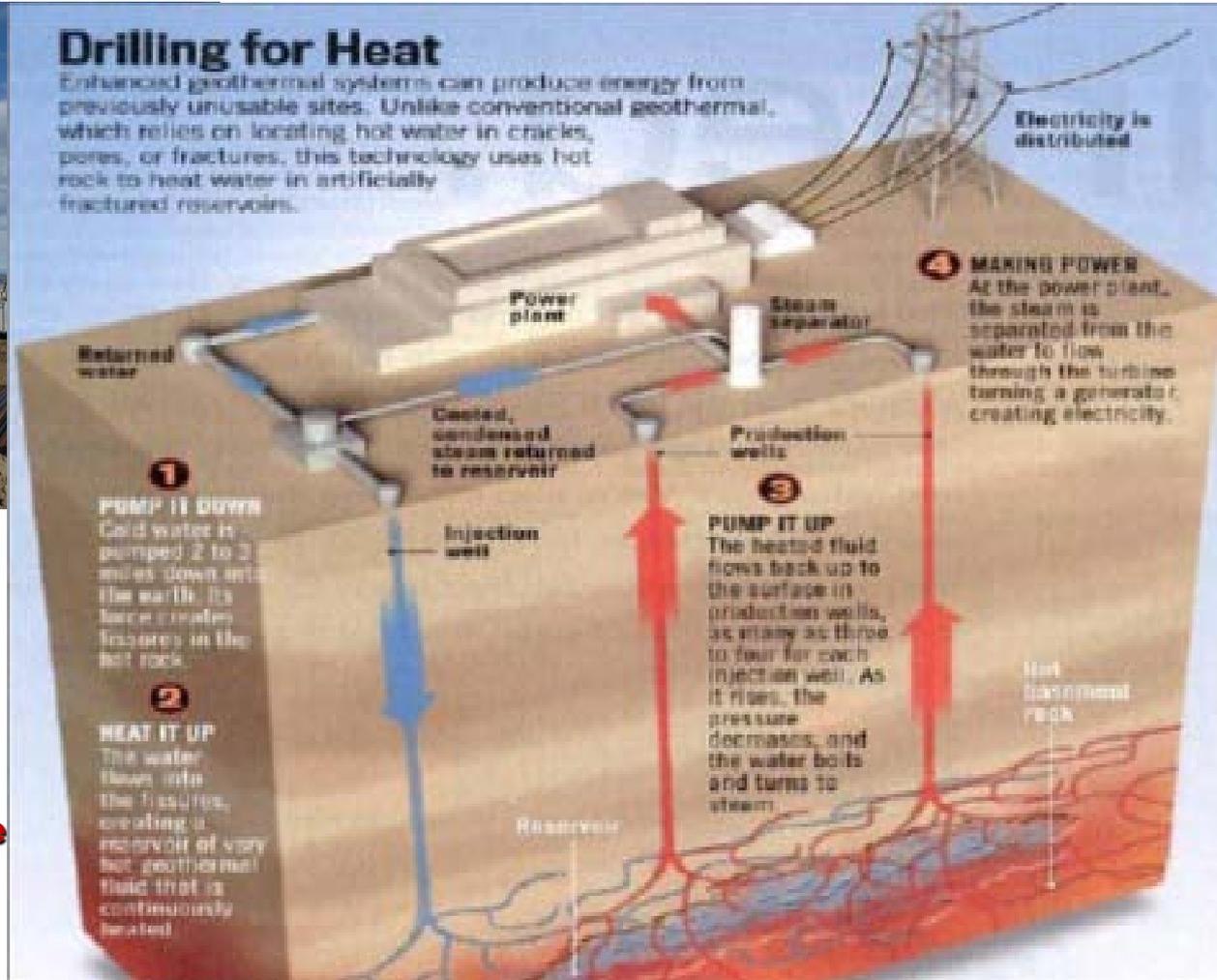
HWAD #2a

➤ Elevated Shallow Temperatures

- ✓ 220 deg F @ 1000'
- ✓ 236 deg F @ 2500'
- ✓ Reveals commercially viable resource

Drilling for Heat

Enhanced geothermal systems can produce energy from previously unusable sites. Unlike conventional geothermal, which relies on locating hot water in cracks, pores, or fractures, this technology uses hot rock to heat water in artificially fractured reservoirs.



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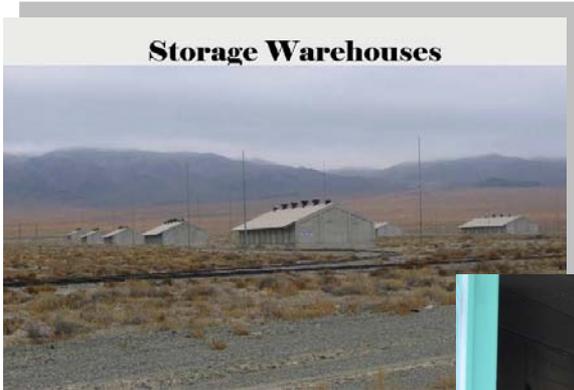


Mercury Storage



- **4,890** tons of elementary Mercury
- **14** Buildings with IDS, Smoke and Fire Protection
- **14** Buildings with Cement Pads poured for CO2 Tank

Storage Warehouses



Ready - Reliable - Lethal





HWAD Training Sites



- Mt. Grant/Cottonwood/Camp Dixie Light Infantry and Mountain Warfare
 - Training Area
- Old Bomb/Carter Test Range Live Fire
 - Rocket Mountain Sniper Range
 - USMC MOUT Facility
 - Mounted Live Fire
- Walker Lake Water Training Area
- New Bomb Demolition/Light Tactical Vehicle Training Live Fire
- Hawthorne Airport Logistics Training
- Pistol/Rifle Training Range
- POW Training Area
- 101 Compound Urban Training Area



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Walker Lake Water Training Area



Training Capabilities

- Boat launching/recovery
- Raft training
- Beach landings/assault
- Swimming
- Water insertion/extraction by helicopter
- Scuba diving
- All terrain vehicles training

Training Area Attributes

- 2-3 miles of shore line
- App. 19000 acres of potential water training area
- Sand dunes/Sandy roads
- Desert beach climate
- Remoteness
- Water depths to app. 90ft
- Available railhead nearby
- Docking facilities



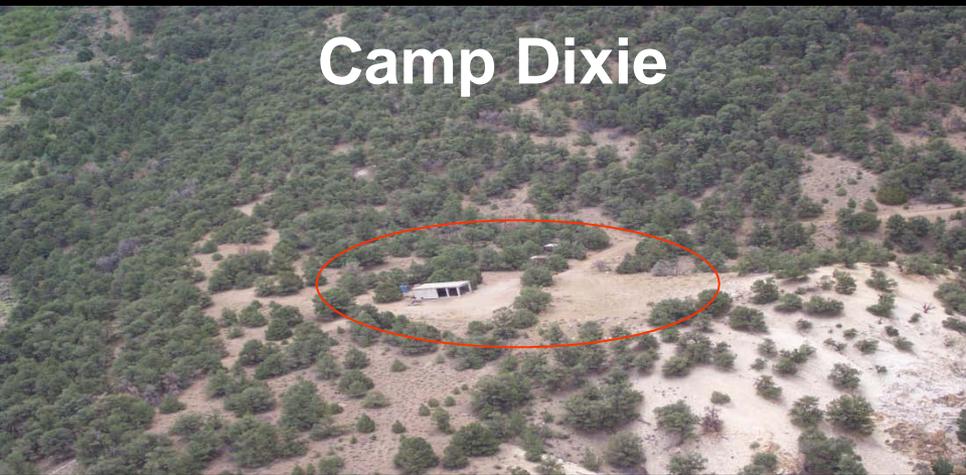
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Training at Mt. Grant



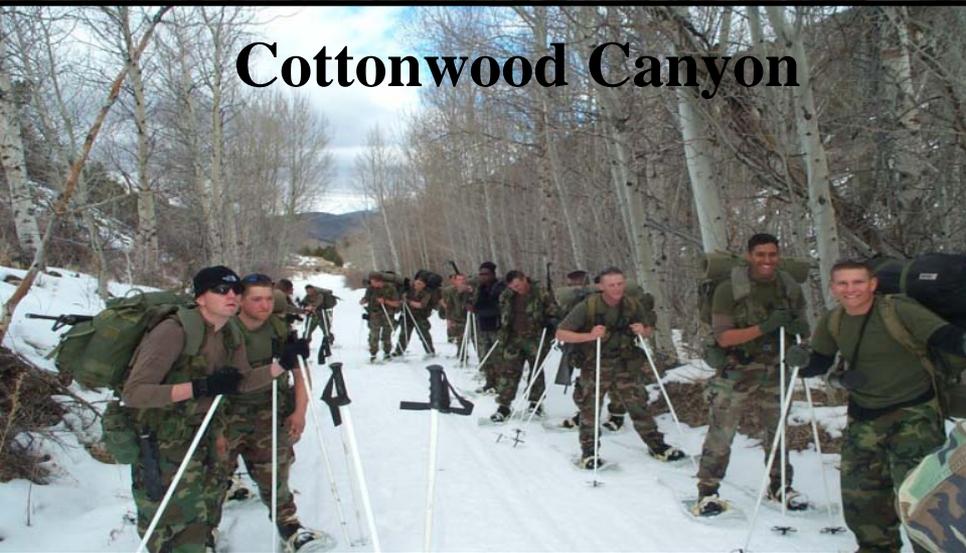
Camp Dixie



Air Operations



Cottonwood Canyon



Lapon Meadows



Ready - Reliable - Lethal

