

**Chenoweth Collection Hayden Survey and Engineering and Mining Journal (1981.186.1)**



**1875 Grand River Division Photograph (1981.186.2)**



**Gannett and Peale Photograph (1981.186.3)**



**Albert Peale Portrait (1981.186.4)**

**Uranium Mining on the Colorado Plateau (1981.267.1)**



**North Alice Mine Photograph (1981.267.2)**



**North Alice Mine Photograph (1981.267.3)**



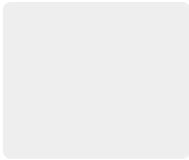
**North Alice Mine Photograph (1981.267.4)**



**North Alice Mine Photograph (1981.267.5)**



**North Alice Mine Photograph (1981.267.6)**



**William Chenoweth Collection 1982 14 folders Newspaper Clippings (1982.171.1)**

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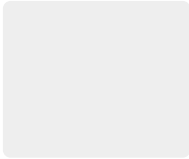
**Refinery Photograph (1982.171.40)**

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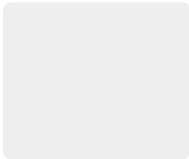
**Men Pushing Mine Cart Photograph (1982.171.74)**

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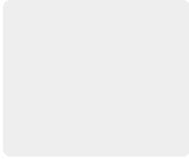
**AEC Mining Tours, Geological Society Directory (1983.177.1)**

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**Geology Reports, Development Costs, Uranium, Exploration, AEC, (1983.195.1)**

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**U.S. Department of Energy PRRs (1983.63.1)**

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**Two CAT bulldozers working on dike (1983.63.10)**

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**Grand Junction Compound parking lot prior to black topping (18 June 1957) (1983.63.100)**

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**Grand Junction Compound parking lot prior to black topping (18 June 1957) (1983.63.101)**

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**Grand Junction Compound parking lot prior to black topping (18 June 1957) (1983.63.102)**

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**Grand Junction Compound parking lot prior to black topping (18 June 1957) [Duplicate] (1983.63.103)**



**Grand Junction Compound parking lot prior to black topping (18 June 1957) [Duplicate] [Duplicate] (1983.63.104)**



**Grand Junction Compound parking lot prior to black topping (18 June 1957) [Duplicate] [Duplicate] [Duplicate] (1983.63.105)**



**Grand Junction Compound paving parking lot (9 July 1957) (1983.63.106)**



**Grand Junction Compound paving parking lot (9 July 1957) (1983.63.107)**



**Grand Junction Compound paving parking lot (9 July 1957) [Duplicate] (1983.63.108)**



**Grand Junction Compound paving parking lot (9 July 1957) [Duplicate] [Duplicate] (1983.63.109)**



**Loading fill for dike across road from AEC compound (1983.63.11)**



**AEC balance room Analytical Lab (25 June 1957) (1983.63.110)**



**AEC Air Handling Equipment (25 June 1957) (1983.63.111)**



**Grand Junction boiler House AEC Compound  
(1983.63.112)**



**New boiler house building (1956) (1983.63.113)**



**New boiler house outside looking in (1956) (1983.63.114)**



**Inside new boiler house AEC Compound (26 Sep 1956)  
(1983.63.115)**



**Grand Junction AEC Compound Boiler house inside (26  
Sep 1956) (1983.63.116)**



**Snow storm at AEC Compound Grd. Jct. (1983.63.117)**



**Snow storm at AEC Compound Grd. Jct. Cleaned Walk  
(1983.63.118)**



**Snow storm at AEC Compound Grd. Jct. Cars covered  
(1983.63.119)**



**CAT Bulldozer pushing up fill across road (1983.63.12)**



**Snow storm at AEC Compound Grd. Jct. (1983.63.120)**



**Snow storm at AEC Compound Grd. Jct. (1983.63.121)**



**AEC Log Cabin (1983.63.122)**



**Aerial photo view of AEC Compound (1983.63.123)**



**Aerial photo view of AEC Compound (1983.63.124)**



**AEC Heating Plant (May 1957) (1983.63.125)**



**AEC Electric Shop (May 1957) (1983.63.126)**



**AEC Fire Hydrant (Oct 1957) (1983.63.127)**



**AEC New Foundation (1983.63.128)**



**Aerial view AEC Compound looking West (1983.63.129)**



**CAT Bulldozer and loader working on fill (1983.63.13)**

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**Aerial view AEC Compound South end of compound  
(1983.63.130)**



**Pilot Plant - Grand Junction (1983.63.131)**



**Pilot Plant - Grand Junction (1983.63.132)**



**Pilot Plant - Grand Junction (1983.63.133)**



**Pilot Plant - Grand Junction (1983.63.134)**



**Pilot Plant - Grand Junction (1983.63.135)**



**Alkaline Leach Autoclave - Pilot Plant, Grand Junction  
(1983.63.136)**



**Resin-in-Pulp Equipment - Pilot Plant (1983.63.137)**



**5' x 6' EIMCO Ball Mill - Pilot Plant - Grand Junction  
(1983.63.138)**



**AEC Sampling Plant Expansion site (23 Jul 1956)  
(1983.63.139)**



**Dike along Gunnison River (1983.63.14)**



**AEC Sampling Plant Expansion site (23 Jul 1956)  
(1983.63.140)**



**AEC Sampling Plant Expansion site (23 Jul 1956)  
(1983.63.141)**



**AEC Sampling Plant Expansion site (23 Jul 1956)  
(1983.63.142)**



**AEC Sampling Plant Expansion site (23 Jul 1956)  
(1983.63.143)**



**AEC view of South dock area prior to sampling plant  
expansion (23 Jul 1956) (1983.63.144)**



**Starting construction SS Sampling plant expansion south  
dock showing new concrete slab (4 Sep 1956)  
(1983.63.145)**



**Getting sampling plant expansion slab area ready for pour  
(1983.63.146)**



**AS & R finished product lab- Associated Press Photo  
(1983.63.147)**



**Sampling plant with drums (1983.63.148)**



**Sampling plant with drums (1983.63.149)**

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**Loader loading rock into truck (1983.63.15)**

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**High school science students view "yellow cake jars" (1983.63.150)**

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**Gerald Myers explains the atomic absorption spectrometer to high school science students (1983.63.151)**

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**Nielsen B. O'Rear briefs the students on activities of the Grand Junction Office (1983.63.152)**

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**Students observed taking a sample of Uranium concentrate from metal drum (1983.63.153)**

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**Leo Higgins demonstrating gamma-ray spectroscope to students (1983.63.154)**

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**Leo Higgins shows students spectrum plate used to identify trace elements (1983.63.155)**

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**Overall view of vanadium storage looking Northwest (18 Feb 1958) (1983.63.156)**

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**Vanadium drums looking North - older drums (18 Feb 1958) (1983.63.157)**

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**Vanadium storage closeup view looking Northwest (1983.63.158)**

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**Vanadium storage closeup view looking Northwest (Copy of 158) (1983.63.159)**

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**Dike along river looking South (1983.63.16)**

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**Vanadium storage looking Northwest - 55 drums comparatively new (note rust on bottom and stacking arrangement (18 Feb 1958) (1983.63.160)**

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**This corroded drum requires only a light blow with a screwdriver to pierce the metal and tear (1983.63.161)**

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**A typical old drum found to be corroded to the point it was leaking (18 Feb 1958) (1983.63.162)**

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**Last load of Uranium concentrate (1983.63.163)**

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**Drums in trailer last load+ 1 copy (1983.63.164)**

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**Forklift with drums + 1 copy (1983.63.165)**

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**Last load forklift moving drums - Daily Sentinel Photo + 1 (1983.63.166)**

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**Forklift with drum with Jim latimer, Frank McGinley AEC, Elton A Youngbert, James Westbrook, Allen E. Jones, Mancuso on Hyster - Last Load (26 Jan 1971) + 3 Copies (1983.63.167)**



**"Last Load" Hyster unloading drum - Daily Sentinel Photo + 6 copies (1983.63.168)**



**"Last Load" drums on pallet - Daily Sentinel Photo + 1 copy (1983.63.169)**



**Gunnison River Bridge and dike (Black Bridge) (1983.63.17)**



**Hyster unloading drums men in background (1983.63.170)**



**Men standing in back of truck watching the drums unload (1983.63.171)**



**4 men looking at drums being unloaded (1983.63.172)**



**Garrett Truck in compound + 1 copy (1983.63.173)**



**Garrett Truck coming into compound + 1 copy (1983.63.174)**



**In Colorado Plateau Uranium Mine, scraping up ore on moveable scraper loading slide into mine car (1983.63.175)**



**Steel headframe and ore bins at Colorado Plateau. Vertical Shaft operations. (1983.63.176)**



**Drilling blast holes in thin-bedded uranium ore, with scraper in foreground (1983.63.177)**



**Loading car in uranium mine. Scoop dumping ore into car in part of a mechanical loader operated on compressed air brought into the mine by the pipe at left. (1983.63.178)**



**Frontend type tractor loader in large open stope of uranium mine (1983.63.179)**



**Aerial view of AEC Compound (1983.63.18)**



**Drilling blast holes in a Colorado Plateau uranium mine. Miner is using a Jack-let type percussion drill. (1983.63.180)**



**Pillar supported stopes in an underground Uranium mine. Pillars and ore will be extracted in retreat mining. (1983.63.181)**



**Underground low frontend loader (1983.63.182)**



**Underground dumping ore from diesel dump truck into Granby type car (1983.63.183)**



**Yard of Government ore-buying station at Monticello, Utah (1983.63.184)**



**Government ore-buying station and sampling plant at Monticello, Utah (1983.63.185)**



**Uranium ore truck dumping into bin at government ore-buying station (1983.63.186)**



**Headframe and skip hoist at small uranium mine. This is an inclined shaft mine. (1983.63.187)**



**Uranium processing mill at Monticello, Utah. This is the only government owned uranium mill. (1983.63.188)**



**Exploratory drilling for uranium with truck-mounted pneumatic percussion drill (1983.63.189)**



**Aerial view of AEC Compound (1983.63.19)**



**Loading uranium ore into truck at government ore-buying station and sampling plant (1983.63.190)**



**Only time AEC bonus for 10,000 was collected for 20 tons of ore more than 20% U<sub>3</sub>O<sub>8</sub> was collected April 9, 1958 by Lisbon Uranium Corp. consisted of 22.25 dry tones averaging 22.92% uranium worth \$61,016.72 per truckload. The ore came from Big Indian Wash Photo Left to Right: PB. Martin, E.A. Youngberg, A.P. Kibbe, Allan E. Jones, M.N. Gaines and John T. Sherman (1983.63.191)**



**Paul B. Martin, Elton A. Youngberg, Payne Kibbe, Allan E. Jones, Martin Gaines, and Jack T. Sherman standing in front of sign on truck "Richest Load of Uranium Ever Delivered Lisbon Uranium Corp. (1983.63.192)**



**Two survey single engine airplanes on ground AEC Section at Walker Field, Grand Junction, CO +1 copy (1983.63.193)**



**Two men in open restricted airplane (1983.63.194)**



**Eight survey airplanes on Ground Walker Field (1983.63.195)**



**Seven survey airplanes on Ground Walker Field + 2 copies (1983.63.196)**



**AEC Grand Junction Compound from Reservoir Hill (July 1963) (1983.63.197)**



**Barbwire fence going down to river - AEC Compound (1983.63.198)**



**Black Bridge over Gunnison River + Negative (1983.63.199)**



**Picture of Concentrate drums GJ Compound (1983.63.2)**



**Interior of building with last drums from U3 08 (1983.63.20)**



**Chain link fence Southeast end + negative (1983.63.200)**



**Barbwire across dike + negative (1983.63.201)**



**Barbwire along dike + negative (1983.63.202)**



**Three wheeler in front of RR Track and drums + negative (1983.63.203)**



**Barbwire East side of AEC Compound + negative (1983.63.204)**



**Barbwire to river AEC Compound + negative (1983.63.205)**



**Black Bridge over Gunnison River + negative (1983.63.206)**



**Barbwire corner East side + negative (1983.63.207)**



**Trailers with drums in background + negative (1983.63.208)**



**AEC Compound from the West + negative (1983.63.209)**



**AEC uranium ore test anomaly at Walker Field Airport (1983.63.21)**



**Black Bridge area + Negative (1983.63.210)**



**Barbwire on dike + negative (1983.63.211)**



**Wide angle looking Southeast at AEC Compound. Gunnison River in center of picture, Redlands Canal in foreground (29 Sep 1966) + negative (1983.63.212)**



**AEC Float in Foresight Parade (18 May 1963) (1983.63.213)**



**South gate building AEC (1983.63.214)**

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**United States Atomic Energy Com. Colo. raw materials office sign in front of Cemetery (1983.63.215)**

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**South gate building AEC (1983.63.216)**

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**Stack of Drums (1983.63.217)**

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**Stack of drums (1983.63.218)**

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**Corner of log cabin - Managers office (1983.63.219)**

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**Slide: Anomaly at Walker Field Airport (1983.63.22)**

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**Manager's Office (1983.63.220)**

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**Lucius Pitkin Mining Division Building (1983.63.221)**

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**Lucius Pitkin Mining Division Building (1983.63.222)**

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**Loading docks (1983.63.223)**

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**Loading docks [Duplicate] (1983.63.224)**

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**Gate Entrance (1983.63.225)**

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**U.S. Atomic Energy Commission, Grand Junction, CO  
Office sign by gate entrance (1983.63.226)**

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**South Gate building and gate (1983.63.227)**

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**South Gate building (1983.63.228)**

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**Office (1983.63.229)**

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**Negative Strips (6) Drums in snow at AEC (1983.63.23)**

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**Silo (1983.63.230)**

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**Silo with drums in background (1983.63.231)**

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**Concentrate drums Grand Junction Compound - Associated  
Press Photo (1983.63.232)**

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**Stack of damaged drums (1983.63.233)**

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**Climax mill in mid 1950s Grand Junction (1983.63.234)**

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**UCNC - Rifle Mill (1983.63.235)**

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**Miss Atomic Energy + 1 copy (1983.63.236)**

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**Negatives: 13 strips (1-49) (1983.63.237)**

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**Uranium concentrate drum storage at AEC (1983.63.24)**

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**Drum storage stack at AEC (1983.63.25)**

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**Drum storage at AEC (1983.63.26)**

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**Drum storage at AEC (1983.63.27)**

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**Drum storage stack at AEC (1983.63.28)**



**Drum storage stack at AEC (1983.63.29)**



**Photo of CAT Bulldozer working on dike along Gunnison River (1983.63.3)**



**Rows of drums AEC (1983.63.30)**



**Rows of drums AEC (1983.63.31)**



**Closeup of drum at AEC (1983.63.32)**



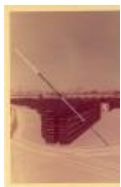
**View of drums from dike (1983.63.33)**



**Hyster operator carrying two drums up ramp for loading in freight car (1983.63.34)**



**AEC Compound uranium concentrate drum storage (1983.63.35)**



**Rows of Drums (1983.63.36)**

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**Drums in snow (1983.63.37)**

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**Rows of drums looking East (1983.63.38)**

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**Rows of drums looking North (1983.63.39)**

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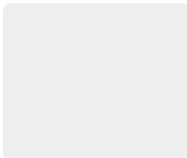
**Dump truck unloading fill on dike (1983.63.4)**

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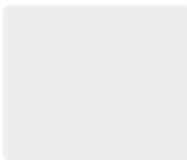
**Rows of drums looking Northeast (1983.63.40)**

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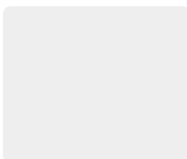
**Negative of 1983.63.36 uncropped (1983.63.41 neg 1)**

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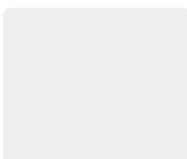
**Negative of 1983.63.37 uncropped (1983.63.41 neg 2)**

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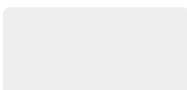
**Negative 1983.63.37 neg 3 (1983.63.41 neg 3)**

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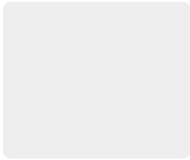
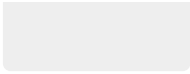


**Negative of 1983.63.38 uncropped (1983.63.41 neg 4)**

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**Negative of 1983.63.39 uncropped (1983.63.41 neg 5)**



**Negative of 1983.63.40 uncropped (1983.63.41 neg6)**



**DF car #65252 ready for first load of concentrate to Fernald, Ohio (1983.63.42)**



**Rio Grande DF car being loaded with concentrate for shipment to Fernald, Ohio (1983.63.43)**



**Finishing loading of car for shipment to Fernald, Ohio (1983.63.44)**



**Picking up drum East of Sample plant AEC (1983.63.45)**



**Rio Grande DF car being loaded with Hyster (1983.63.46)**



**Loading DF car long view can #65215 (1983.63.47)**



**Negatives (14) of loading drums on railcars, groups of men, AEC road signs (1983.63.48)**



**Climax uranium stack demolition 24 Nov 1970 (old sugar factory area) (1983.63.49)**



**Dike between compound and Gunnison River (1983.63.5)**



**Base of stack (1983.63.50)**



**Stack standing with buildings (1983.63.51)**



**Start blasting (1983.63.52)**



**Blasting (Photo) (1983.63.53)**



**Stack starting to fall (Photo) (1983.63.54)**



**Stack down (Photo) (1983.63.55)**



**Stack down lots of dust (Photo) (1983.63.56)**



**Stack down on ground (Photo) (1983.63.57)**



**Stack base in pile, building (Photo) (1983.63.58)**



**Large pile of rubble (Photo) (1983.63.59)**



**Dike along Gunnison River (1983.63.6)**



**Old Sugar Beet Building (Photo) (1983.63.60)**



**Mill site looking East (Photo) (1983.63.61)**



**Interior of building #20 AEC Compound AS & R C.  
Laboratory 19 Dec 1952 (Photo) (1983.63.62)**



**AS & R Co. Laboratory (Photo) (1983.63.63)**



**Tank in laboratory (Photo) (1983.63.64)**



**Cabinets in lab (Photo) (1983.63.65)**



**Office in Lab (Photo) (1983.63.66)**



**Large pump in laboratory (Photo) (1983.63.67)**



**Outside of building AEC (Photo) (1983.63.68)**



**Tank in AS & R Co. Laboratory (Photo) (1983.63.69)**



**CAT bulldozer pushing riprap into river bank (1983.63.7)**



**Man and boy looking for uranium (1983.63.71)**



**Two men with ore cart in a mine (1983.63.72)**



**Hand loading ore into a wheelbarrow (1983.63.73)**



**Worcester Operation on Atkinson Mesa in the Uravan mineral belt (1983.63.74)**



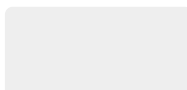
**Man operating drag buckets in a mine (Photo) (1983.63.75)**



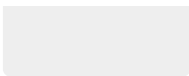
**Man looking for uranium (1983.63.76)**



**AEC uranium ore test anomaly at Walker Field Airport [Negative of] (1983.63.77)**



**Chenoweth Collection 72 folders, PRRs (1983.63.78)**



**Air view of Gunnison Bridge (1983.63.8)**



**Uranium Drilling (Photo) (1983.63.85)**



**Uranium Drilling (Photo) (1983.63.86)**



**Uranium Drilling closeup (Photo) (1983.63.87)**



**Gunnison Bridge and dike (1983.63.9)**



**Mining, Slick Rock (Photo) (1983.63.90)**



**Dump truck, ore load (1983.63.91)**



**Back of truck with ore load (1983.63.93)**



**Dump Truck (1983.63.94)**





**Prospecting for uranium in an old vanadium mine  
(1983.63.95)**

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**Johnson and Youran Drilling Co., Naturita, CO Drilling rig  
(1983.63.96)**

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**Dry hole text drilling Slick Rock (1983.63.97)**

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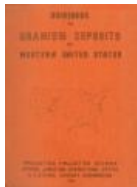
**AEC Compound with trailer houses (1983.63.98)**

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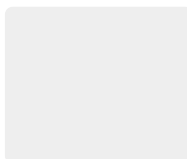
**AEC Compound First Aide Station (1983.63.99)**

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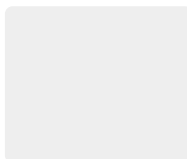
**Letters, reports, articles, and other literary works relating  
to uranium, mining, medical fall out, and more.  
(1983.78.1)**

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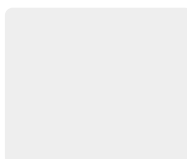
**William Chenoweth Collection 1984 8 Folders Mining  
Booklets (1984.50.1)**

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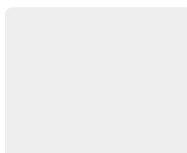
**AEC, Raw materials Program (1985.37.1)**

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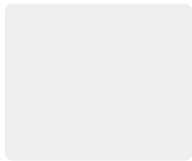
**Grand Valley Named, Geologic Survey, Note Judy Prosser,  
Manhattan Project (1985.74.1)**

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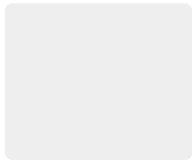


**3 folders General Reports (1985.74.1)**

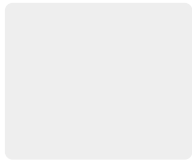
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**1 folder, AEC, Mill Tailings (1987.20)**



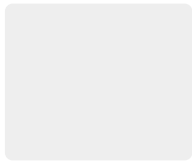
**AEC, DOE, Mill Tailings (1987.20.1)**



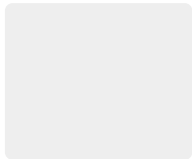
**Union Mines Development reports (1987.72.1)**



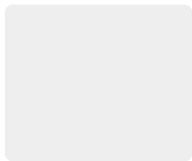
**Miss Atomic Energy (1990.71)**



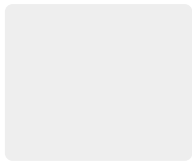
**Frank Silvey Personal History (1990.83.1)**



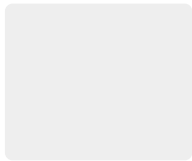
**Uranium, Vanadium, map (1991.118.1)**



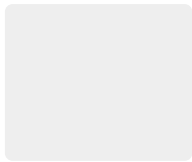
**"A History of Uranium Production in Utah" by William L. Chenoweth (1991.136.1)**



**Geology Mineral Deposits, Survey, Map, Uranium, Radium, (1991.84.1)**

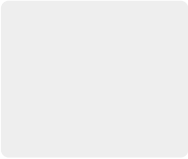


**Navajo Indian Reservation, Uranium, Mines (1992.102.1)**



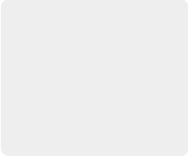
**Box of AEC/Uranium Reports (1992.59.1)**

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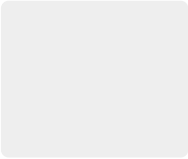
**Significant Errors in Lisa Godfrey's Thesis on Calamity Mesa (1992.6.1)**

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**Underground Uranium Mining (1992.77.1)**

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**Economics of Nuclear Stimulation, Geonuclear letter, Uranium Ore and Concentrate sampling, mining abstracts (1994.3.1)**

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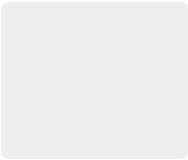
**Raw Materials, Manhattan Project, Colorado Plateau (1994.56.1)**

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**New Paraho, Oil Shale Technologies (1995.1.1)**

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**Manhattan Project Report (1995.66)**

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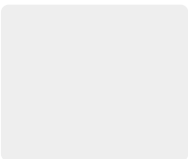
**AEC Road Program (1996.66.1)**

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**1901 United States Map (1996.76.1)**

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**Field Trips 1994, AEC site tour 1996 (1997.9.1)**

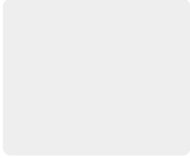
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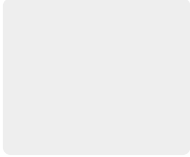
**Colorado River observations 1842-1879, Manhattan Project, West. Small Miners Assoc. Newsletters (2003.22.1)**



**Eberline Geiger Counter "Portable Scaler" (2004.21.6)**



**Uranium Expo 2005, Uranium (2005.43.1)**



**"The Burning Rock" (2006.39.1)**



**GJ Railroad yards (2008.24.1)**



**Grutt award to Barry (2008.24.10)**



**Grutt award to Albrethsen (2008.24.11)**



**Grutt award to Bruce (2008.24.12)**



**Grutt award to Retolaza (2008.24.13)**



**Grutt award to Maxey (2008.24.14)**



**Grutt award to Jennings (2008.24.15)**

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**DOE employees (2008.24.16)**



**DOE employees (2008.24.17)**



**Grutt and Malan (2008.24.18)**



**1977 award ceremony (2008.24.19)**



**GJ aerial 1992-93 (2008.24.2)**



**Hetland and Jenkins 1977 (2008.24.20)**



**1977 award ceremony (2008.24.21)**



**Malan award to Hetland (2008.24.22)**



**Malan award to group (2008.24.23)**



**1977 award group (2008.24.24)**



**1977 award group (2008.24.25)**



**1977 awards attendees (2008.24.26)**



**1977 awards attendees (2008.24.27)**



**1976 award group (2008.24.28)**



**Grutt award to Shafer (2008.24.29)**



**AEC Compound 1960s (2008.24.3)**



**1977 award group (2008.24.30)**



**1976 service award group (2008.24.31)**



**GJ AEC Office (2008.24.4)**



**AEC Office Grand Junction Photograph (2008.24.5)**



**Grutt award to Roach (2008.24.6)**



**Grutt award to Klemenic (2008.24.7)**



**Grutt award to Bowyer (2008.24.8)**

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**Grutt award to Stavast (2008.24.9)**

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