

The Real de Dolores Mine Safeguard Project – Site of the West's First Major Gold Rush

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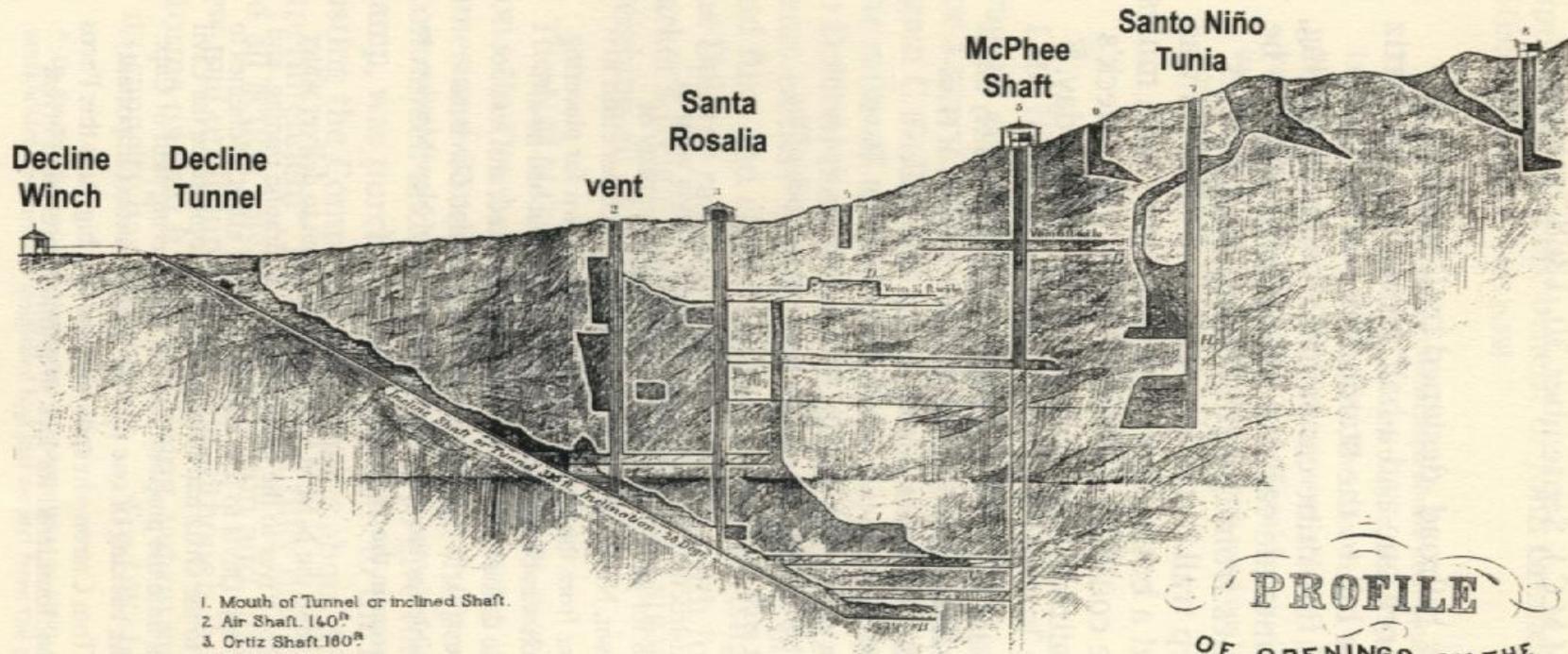
Santa Fe Trail in 1845



Placer Mining in the Ortiz Mountains



Old Ortiz Mine (map circa 1868)



1. Mouth of Tunnel or inclined Shaft.
2. Air Shaft. 140^{ft}
3. Ortiz Shaft 160^{ft}
4. Old hole made by Californians.
5. Mc-Phee Shaft 130^{ft}
6. Old hole.
7. Tunia Shaft 150^{ft}
8. Old Mexican Shaft.

PROFILE
OF OPENINGS ON THE
ORTIZ VEIN
N.M.M.CO.

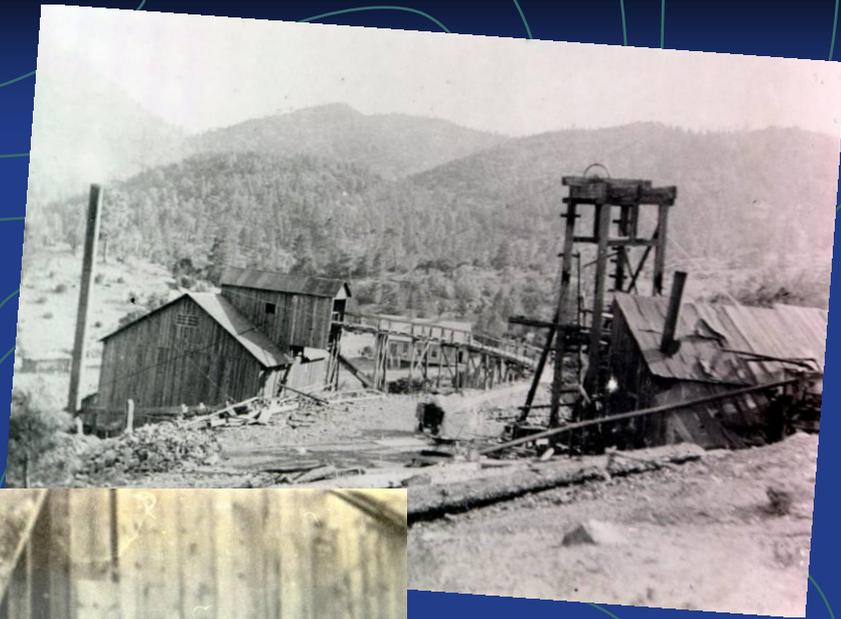
Jno. L. Kidwell,
President.

F. W. Jones,
Secy. and Treasr.

Scale 300 to 1 inch.

Old Ortiz Mine

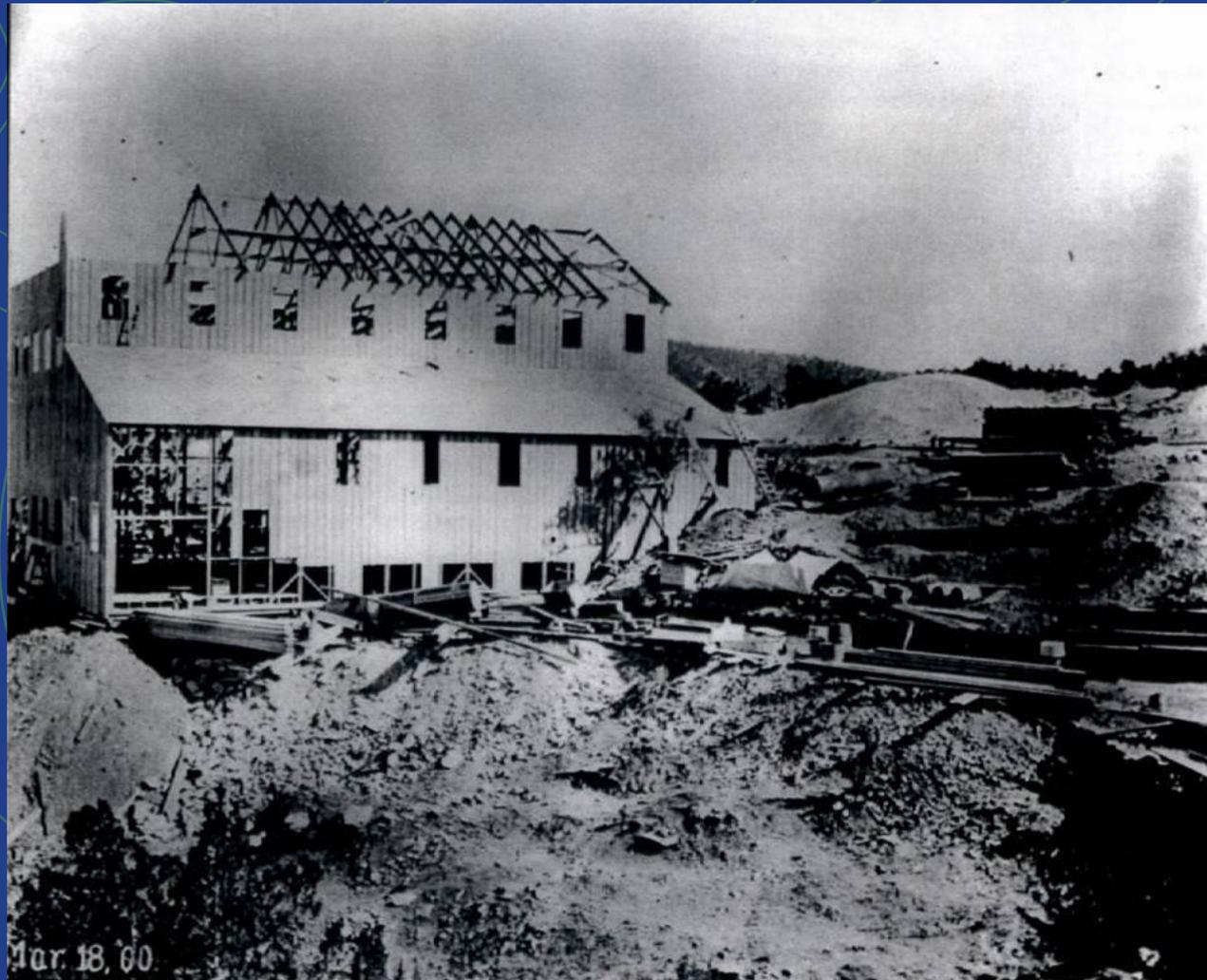
Power House and
McPhee Shaft, 1901



Santa
Rosalia
Shaft, 1880

Thomas Edison's Mill, Delores, NM

(under construction in 1900)



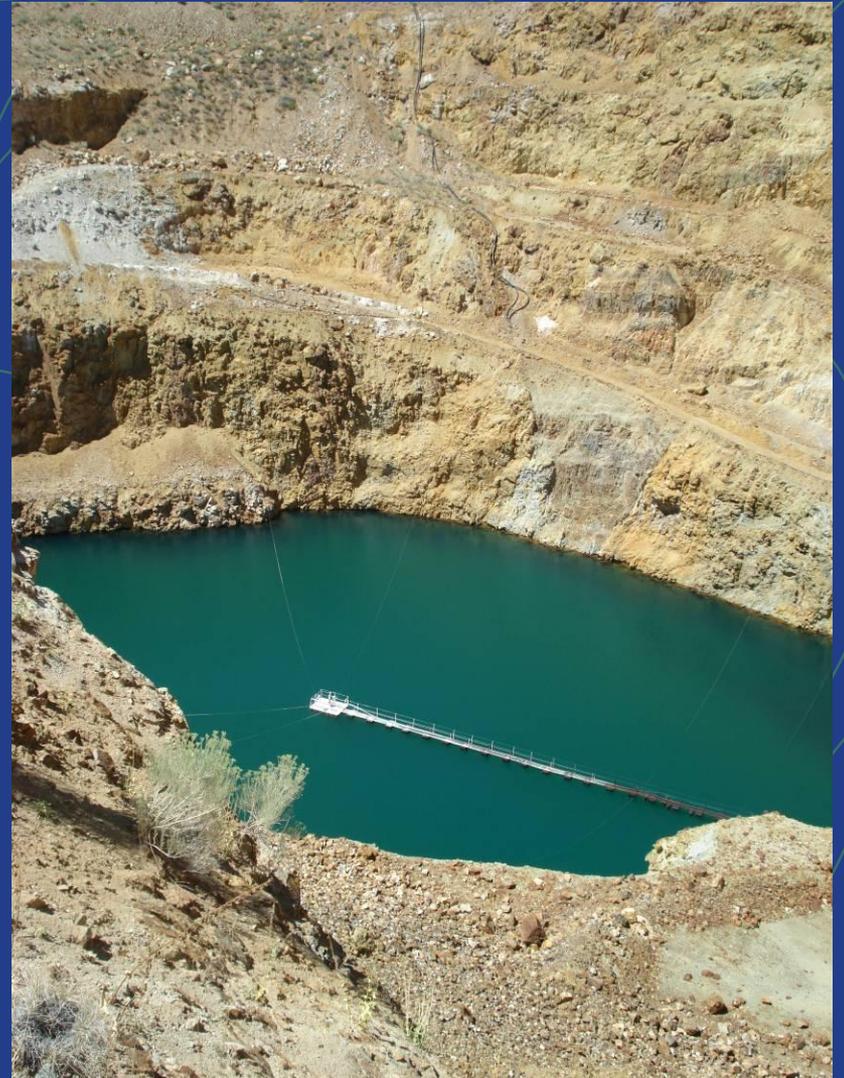
Preservation of Historic Mining Artifacts

Ortiz Mine
Railroad Grade



Flywheel and Foundation –
New Live Oak Mine

Cunningham Hill Gold Mine

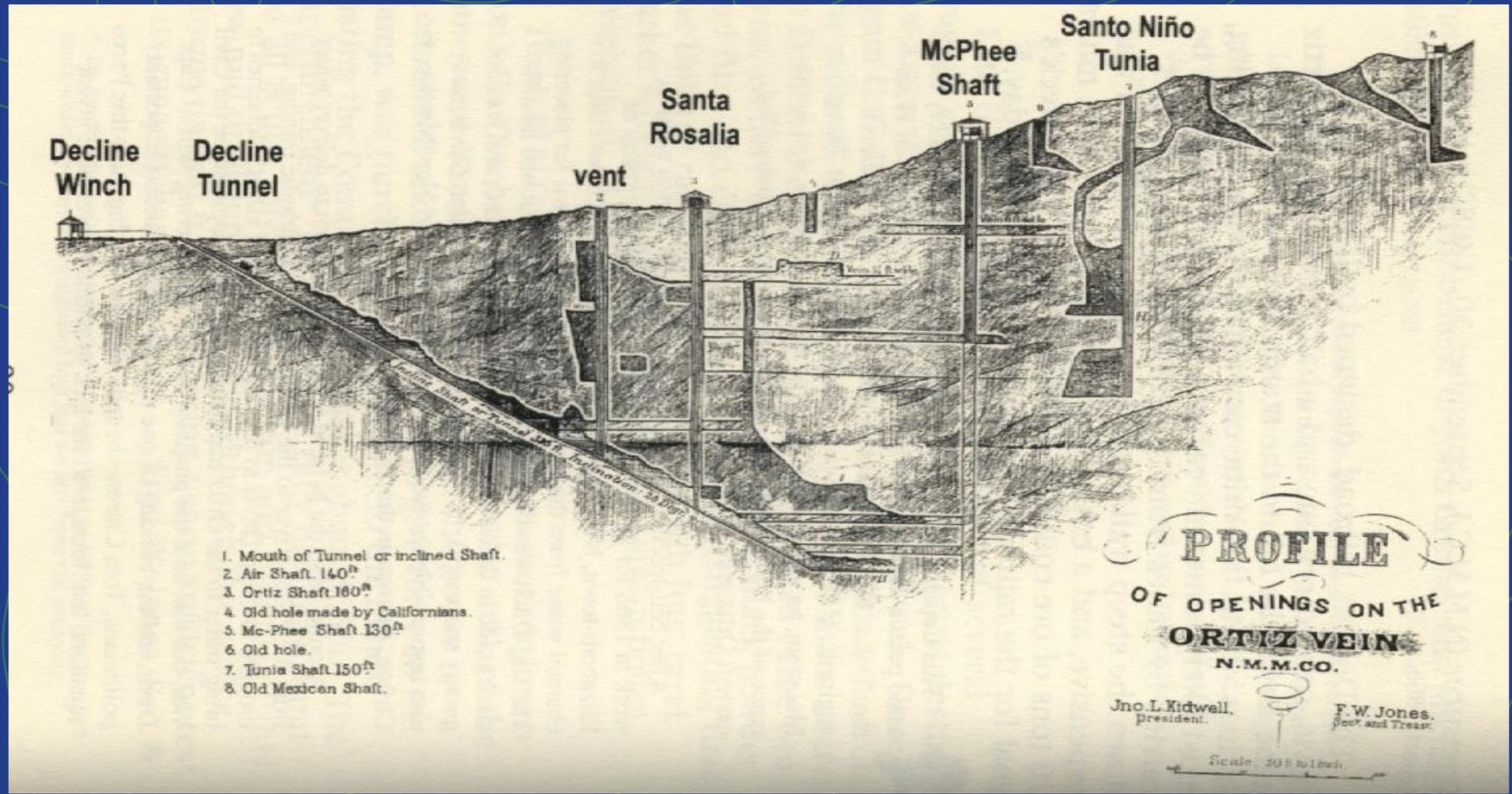


Santa Fe Botanical Garden

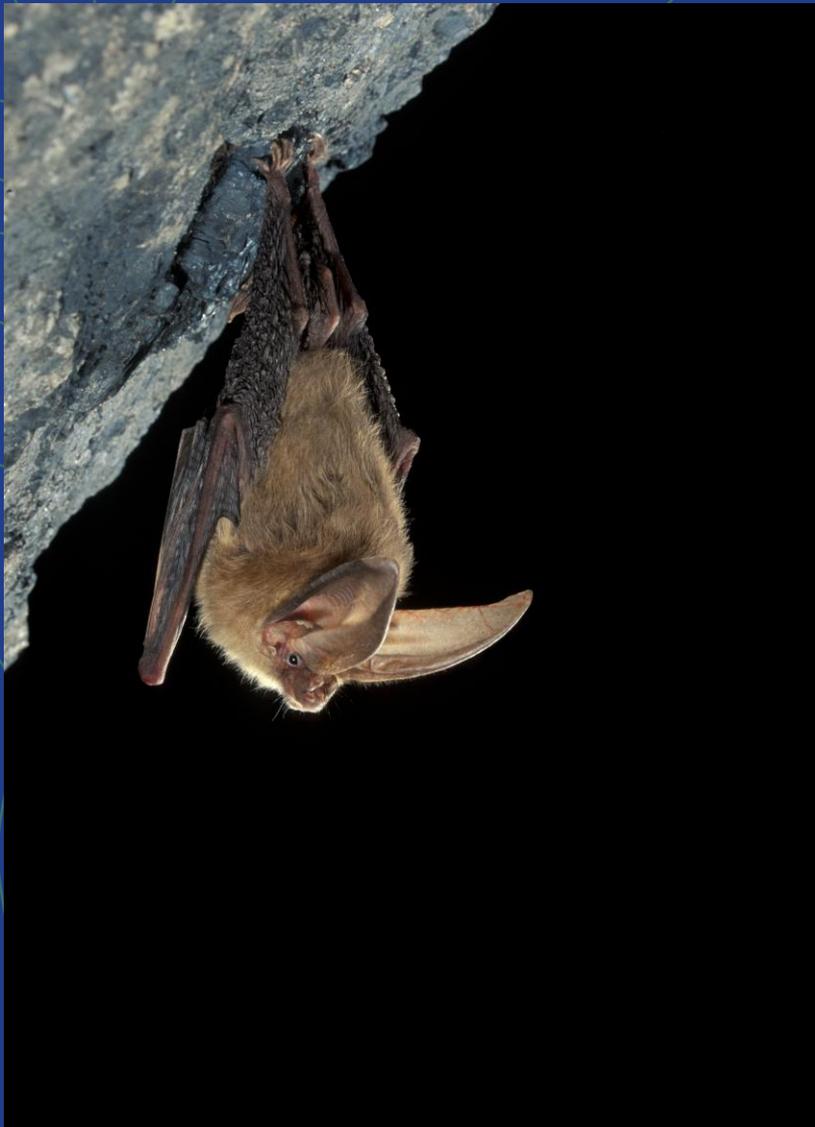
Ortiz Mountains Educational Preserve



Old Ortiz Mine (map circa 1868)

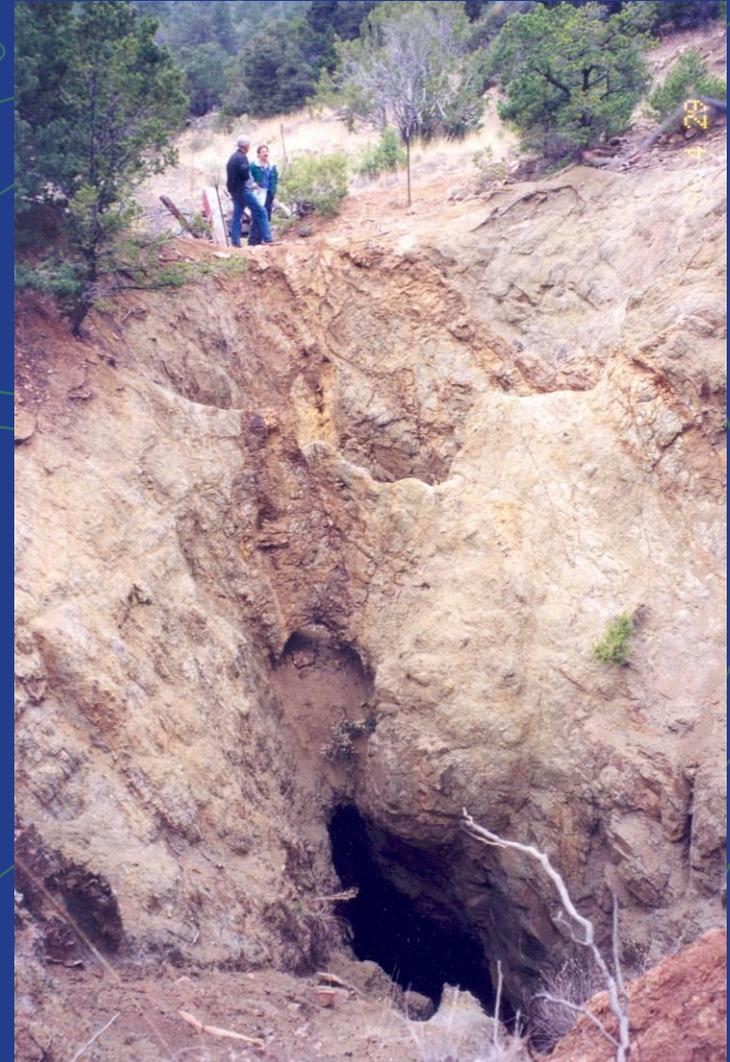


Townsend's Big-Eared Bats



Photos courtesy of Dr. J. Scott Altenbach

Old Ortiz Mine – Tunia Shaft and Stope



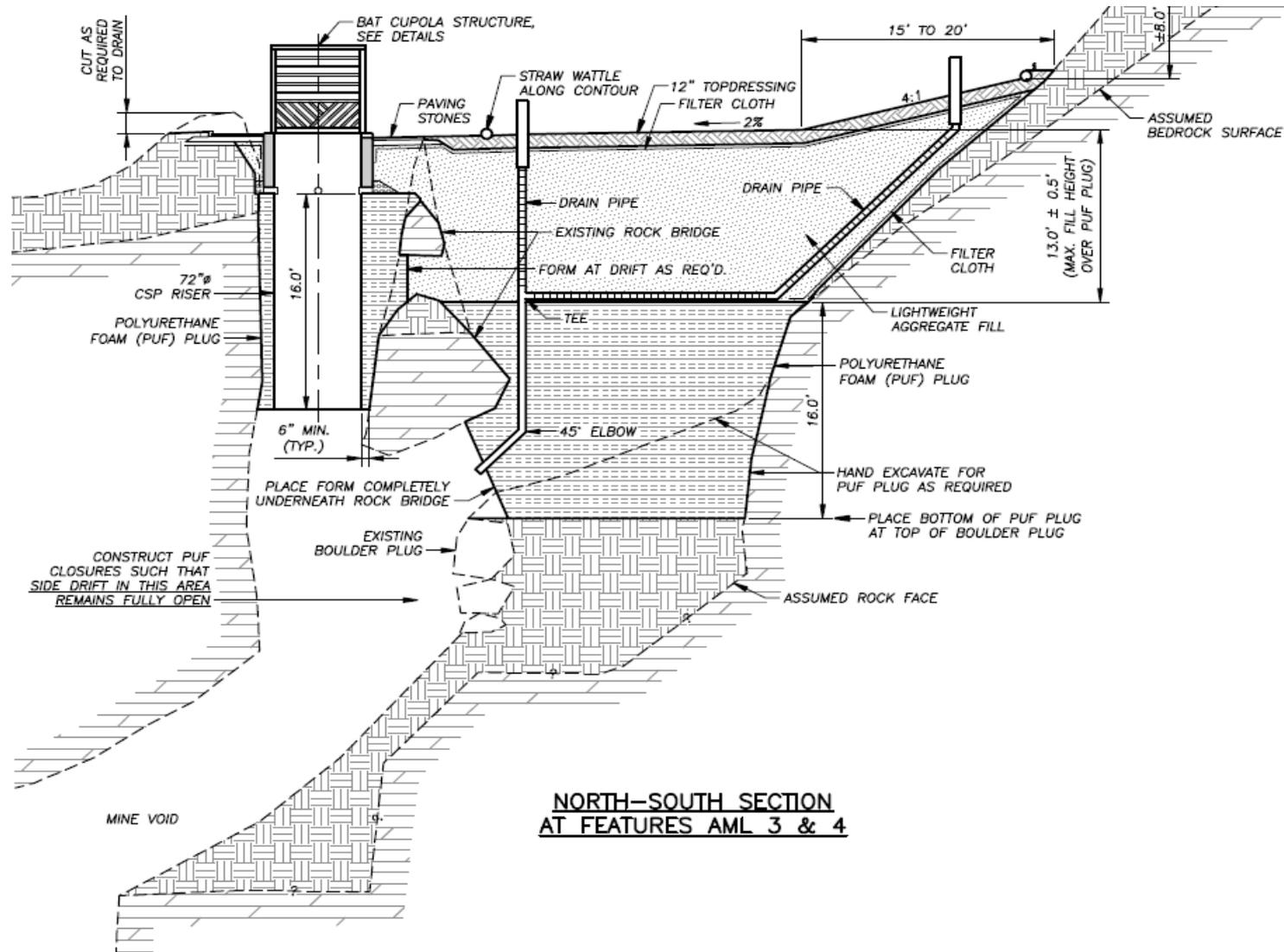
Old Ortiz Mine – Tunia Stope PUF Plug Construction



Old Ortiz Mine – Tunia Shaft Construction



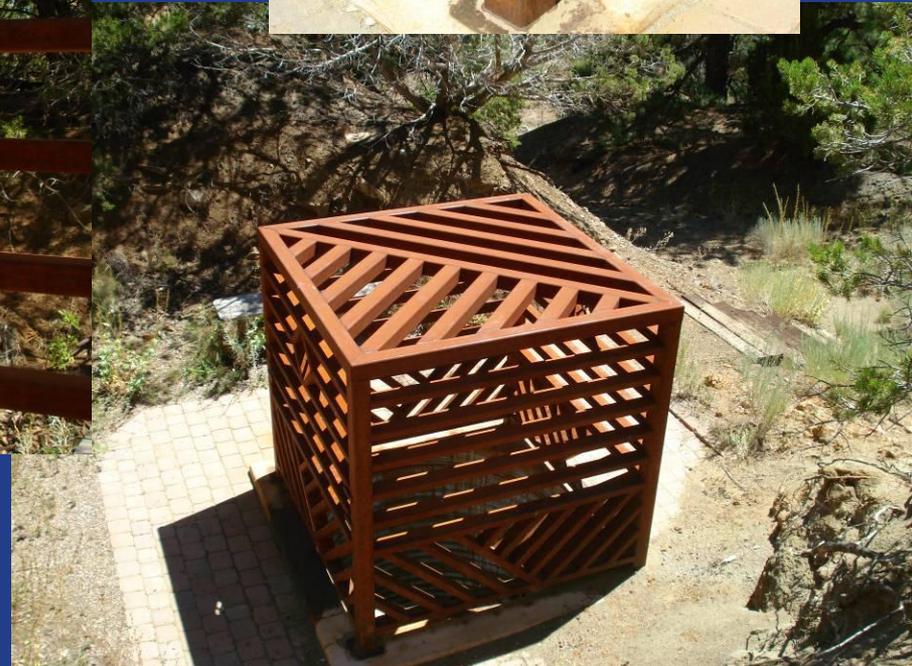
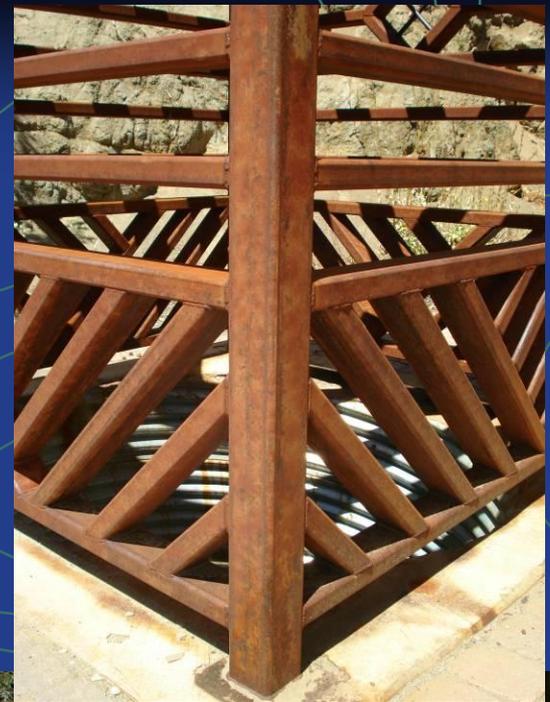
Tunia Shaft and Stope Closures



Old Ortiz Mine – Tunia Shaft Bat Cupola



Old Ortiz Mine – Tunia Shaft Bat Cupola



Old Ortiz Mine – McPhee Shaft



Before construction



After construction

Backfilled and Fenced Sites



Fence at possible oldest workings, Ortiz Mine



Backfilled Shaft at the English Mine

English Mine Bat Cupola



Before
construction

During
construction



10/22/2002

English Mine Bat Cupola



Benton Mine

Before
construction



Following
construction



Preservation of Benton Mine Headframe



Project Facts

- Construction Start – September 27, 2002
- Construction Completion – August 22, 2003
- Construction Cost - \$154,913
- Geotechnical Consultant – AK GeoConsult, Albuquerque, NM
- Bat Consultant – Dr. J. Scott Altenbach, UNM
- Archaeological Consultant – Southwest Archaeological Consultants, Inc., Santa Fe, NM
- Construction Contractor – St. Cloud Mining Co., Truth or Consequences, NM

Project Statistics

- 8 shafts, two adits, two pits and two open stopes safeguarded
- Tunia Shaft bat cupola – 3,300 pounds of weathering steel
- English Shaft bat cupola – 1,300 pounds of weathering steel
- 157 cubic yards of polyurethane foam
- 430 cubic yards of lightweight scoria fill
- 600 square feet of cable netting
- 400 linear feet of woven wire fence
- 1,100 cubic yards of unclassified fill