



CONTACT INFORMATION

Mining Records Curator
Arizona Geological Survey
1520 West Adams St.
Phoenix, AZ 85007
602-771-1601
<http://www.azgs.az.gov>
inquiries@azgs.az.gov

The following file is part of the

Arizona Department of Mines and Mineral Resources Mining Collection

ACCESS STATEMENT

These digitized collections are accessible for purposes of education and research. We have indicated what we know about copyright and rights of privacy, publicity, or trademark. Due to the nature of archival collections, we are not always able to identify this information. We are eager to hear from any rights owners, so that we may obtain accurate information. Upon request, we will remove material from public view while we address a rights issue.

CONSTRAINTS STATEMENT

The Arizona Geological Survey does not claim to control all rights for all materials in its collection. These rights include, but are not limited to: copyright, privacy rights, and cultural protection rights. The User hereby assumes all responsibility for obtaining any rights to use the material in excess of "fair use."

The Survey makes no intellectual property claims to the products created by individual authors in the manuscript collections, except when the author deeded those rights to the Survey or when those authors were employed by the State of Arizona and created intellectual products as a function of their official duties. The Survey does maintain property rights to the physical and digital representations of the works.

QUALITY STATEMENT

The Arizona Geological Survey is not responsible for the accuracy of the records, information, or opinions that may be contained in the files. The Survey collects, catalogs, and archives data on mineral properties regardless of its views of the veracity or accuracy of those data.

PRINTED: 08/29/2001

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: HELLS CANYON

ALTERNATE NAMES:

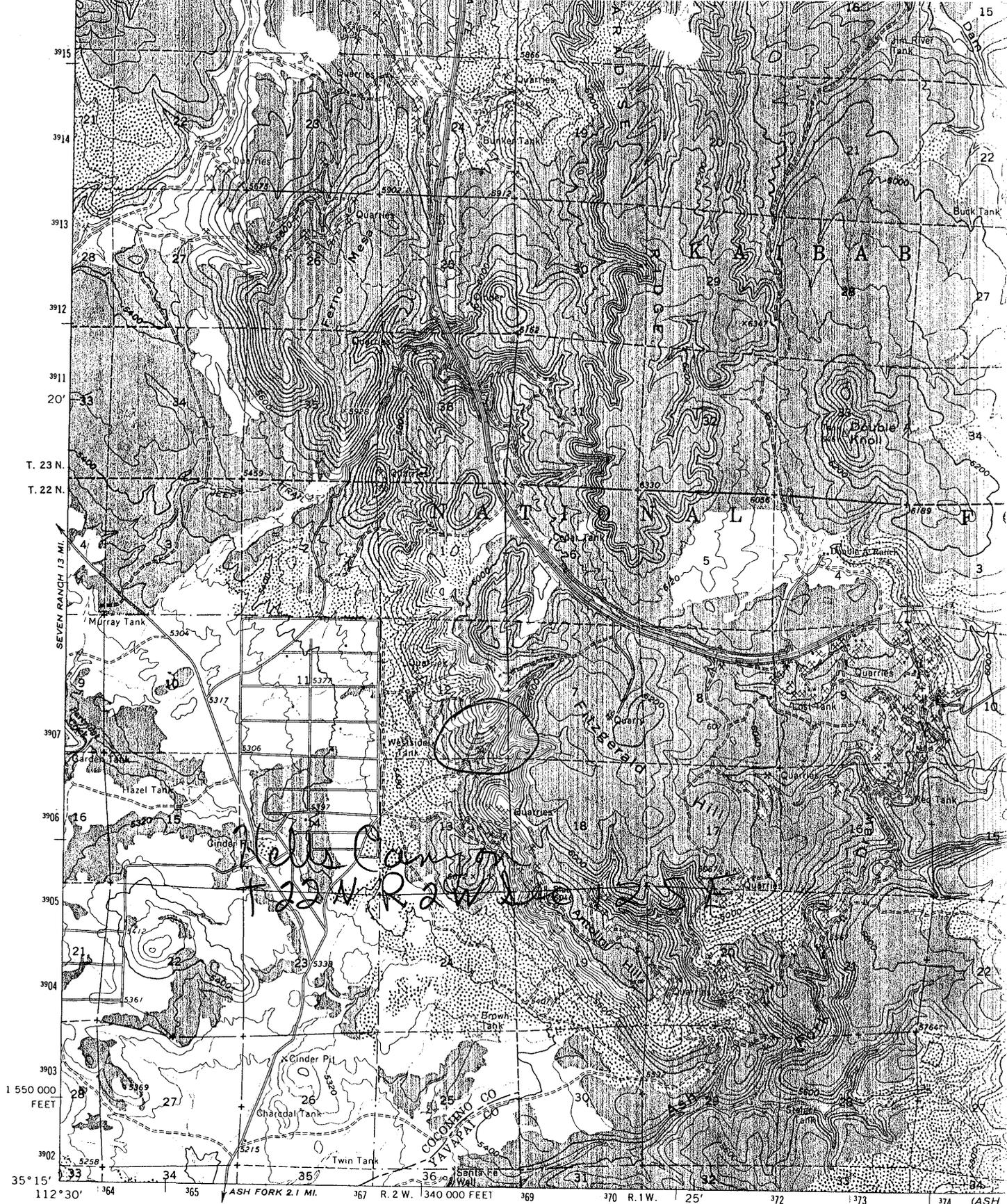
COCONINO COUNTY MILS NUMBER: 175

LOCATION: TOWNSHIP 22 N RANGE 2 W SECTION 12 QUARTER SE
LATITUDE: N 35DEG 18MIN 00SEC LONGITUDE: W 112DEG 26MIN 56SEC
TOPO MAP NAME: HEARST MOUNTAIN - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:
STONE FLAGSTONE

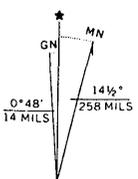
BIBLIOGRAPHY:
ADMMR HELLS CANYON FILE
OP:C.E. "WHITEY" WEBSTER-WESTERN STATES STONE



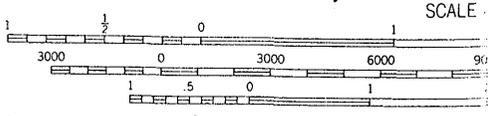
Mapped, edited, and published by the Geological Survey in cooperation with Arizona Interstate Stream Commission
 Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1958. Field checked 1960 and 1962

Polyconic projection. 1927 North American datum 10,000-foot grid based on Arizona coordinate system, central zone 1000-meter Universal Transverse Mercator grid ticks, zone 12, shown in blue



UTM GRID AND 1962 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET



CONTOUR INTERVAL IS MEAN

Nearst mtn 15

VERBAL INFORMATION SUMMARY

May be Reproduced

1. Information from: C.E. "Whitey" Webster, President, Western States Stone
Address: 2830 Grand Ave., Phoenix, Arizona 85017 phone (602) 253-2018
2. Mine: Hells Canyon 3. ADMMR Mine File same
4. County: Coconino 5. District _____
6. Township 22N Range 2W Sec(s) 12 SE
7. Location: _____
8. No. of Claims - Patented _____ Unpatented _____
9. Owner (if different from above) _____
10. Address: _____
11. Operating Company: Western States Stone
12. Pertinent People and/or Firm: C.E. "Whitey" Webster
13. Commodities: stone - dimension; stone - sandstone, flagstone
14. Operational Status: producer
15. Summary of information received, comments, etc.: _____

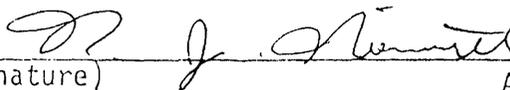
MILS # 175

Western States stone produces flagstone from these unpatented claims using small crews of between 2-4 men. The quarry men are typically Mexicans working in the United States with green cars. They are paid based upon their production, but they must produce enough to earn minimum wage.

The quarry operation proceeds as follows: the soil and aluvium is removed. Holes are drilled and shot down natural joints in the sandstone. Enough explosives are used to "bump" a block free to work on. Then, using double jacks wedges, the sandstone is split parallel to bedding planes into the desired thickness and loaded onto skids to be hauled to the Ashford-Stoneyard W.S.S. (f) to be processed. Averaging value of a skid of flagstone at the quarry is \$50.00.

Date: 9/5/85

(Signature)



ADMMR