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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: SHAMROCK SHAFT

ALTERNATE NAMES:

GREENLEE COUNTY MILS NUMBER: 71

LOCATION: TOWNSHIP 8 S RANGE 30 E SECTION 11 QUARTER NW
LATITUDE: N 32DEG 45MIN 32SEC LONGITUDE: W 109DEG 15MIN 09SEC
TOPO MAP NAME: GUTHRIE - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

SILVER
MANGANESE
SILICON
GOLD
COPPER

BIBLIOGRAPHY:

BLM MINING DISTRICT SHEET 851
RECORD OF MINING COMPANIES STATE MINE
INSPECTORS OFFICE 1952
THIS WAS THE MAIN SHAFT ON THE ASH PEAK
CLAIMS - SEE ASH PEAK

SHAMROCK NO. 1 and 2

Greenlee County
Ash Peak District

T8S, R30E, Secs.2, 3, 10 & 11

MG WR 3/30/79 Mr. Turney informed me that he is negotiating a contract with Mr. George Setter (lives in Grand Junction, Colorado and is owner) to lease five patented lode claims and two patented mill sites and 12 contiguous unpatented lode claims in the Ash Peak District, Graham and Greenlee County. Turney plans to leach the tails which he owns on the Shamrock claims and mine some fluxing ore.

WR GI 7/18/79 Mr. turney reports he is going to build a small mill at Ash Peak.

WR GI 5/12/80 Mr. Turney reports that they are sampling at Ash Peak.

MG WR 2/19/82: With Mr. Paul Turney I visited his Ash Peak (Shamrock Placers) operation and the Phelps Dodge operation at Ash Peak. The adjacent properties are in Greenlee County and will be described in separate reports.

MG WR 6/18/82: Visited the Shamrock tailing placer of Greenlee County. Operations have been temporarily suspended, although the U. S. Bureau of Mines mobile precious-metal stripping lab is still on site.

ARIZONA DEPARTMENT OF MINERAL RESOURCES
Mineral Building, Fairgrounds
Phoenix, Arizona

1. Information from: Paul Turney
Address: 3715 N. Hash Knife Circle, Tucson, AZ 85715; Phone 749-3573
2. Mine: ASH PEAK (Shamrock placers) 3. No. of Claims - Patented _____
Unpatented 3
4. Location: Greenlee Co., on south side of U.S. Highway 70, 10 miles west of Duncan, AZ
5. Sec 3 Tp 8S Range 30E 6. Mining District Ash Peak
7. Owner: Ash Peak Mines, Inc.
8. Address: 3715 N. Hash Knife Circle, Tucson, AZ 85715
9. Operating Co.: Ash Peak Mines, Inc.
10. Address: same
11. President: L. Patton 12. Gen. Mgr.: _____
13. Principal Metals: Ag-Au 14. No. Employed: 2
15. Mill, Type & Capacity: None
16. Present Operations: (a) Down ☐ (b) Assessment work ☐ (c) Exploration ☐
(d) Production ☒ (e) Rate variable 50 tpd.
17. New Work Planned: Will return USBM mobile recovery plant to Reno, Nevada, and
construct larger facility with capacity to treat 500 lb carbon/day.
18. Misc. Notes: Siliceous tails averaging about 2.5 oz Ag/ton are screened and fed
into agitation-cyanide leach tank, having capacity of 50 TPD. Activated carbon
is added to leach tank; schedule is 10 lb/ton of concentrates or 500 lb/day. The
carbon with adsorbed silver & gold is then screened and fed into a stripping tank
containing a strong cyanide solution, capacity 70 lb/day. The precious metals are
then electrolytically deposited on steel wool cathodes. The steel wool is dis-
solved in sulfuric acid, leaving a residue of silver and gold. This residue is
melted and poured into bars of doré. The spent carbon is heated and reactivated.
The stripping tank and electrolytic cells are housed in a USBM mobile
trailer.

Date: February 18, 1982

(Signature)

Michael W. Greeley
(Field Engineer)

ARIZONA DEPARTMENT OF MINERAL SOURCES
Mineral Building, Fairgrounds
Phoenix, Arizona

1. Information from: Mr. Paul M. Turney
Address: 3715 N. Hash Knife Circle, Tucson, Arizona
2. Mine: Shamrock 3. No. of Claims - Patented 5
Unpatented 27
4. Location: Chiefly in Greenlee County and partly in Graham County
5. Sec 2, 3, 10 & 11 Tp 8S Range 30 E 6. Mining District Ash Peak
7. Owner: Several
8. Address: _____
9. Operating Co.: _____
10. Address: _____
11. President: _____ 12. Gen. Mgr.: _____
13. Principal Metals: Ag 14. No. Employed: _____
15. Mill, Type & Capacity: _____
16. Present Operations: (a) Down ☐ (b) Assessment work ☐ (c) Exploration ☒
(d) Production ☐ (e) Rate _____ tpd.
17. New Work Planned: Mr. Turney has run laboratory tests and now is pre-
paring to run a pilot test, on site, for an agitation - leach of
some tails that won't be shipped - there may be 10,000 to 15,000
tons of this material.
18. Miscl. Notes: Mr. Turney shipped 4,000 tons of mine tailings from the
Shamrock and/or Commerce containing about 2½ oz Ag/ton, as silica flux
to the Morenci Smelter owned by Phelps Dodge. The tails lie on Turney's
unpatented placer claims, The Shamrock, Shamrock NO. 1 and Shamrock
No. 2. Shipments this year were in March thru May and Turney is paid
for 80% of the Ag. There are approximately 15,000 tons remaining that
may be shipped. Phelps Dodge, Morenci Branch, is diamond drilling
angle holes to the main vein and a second vein - from the surface.
P.D. is also repairing the Commerce shaft and sampling at 20-foot
intervals on the 100 and 200 foot levels. Plans call for 2,000 to
3,000 feet of drilling.
- _____
- _____
- _____
- _____

Date: 7/1/80

/s/ M. G. Greeley
(Signature)

(Field Engineer)