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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: ORPHAN

ALTERNATE NAMES:

CAMINO GROUP
EL CAMINO
MONARCH

PINAL COUNTY MILS NUMBER: 676B

LOCATION: TOWNSHIP 10 S RANGE 4 E SECTION 1 QUARTER SW
LATITUDE: N 32DEG 34MIN 55SEC LONGITUDE: W 111DEG 54MIN 29SEC
TOPO MAP NAME: NORTH KOMELIK - 7.5 MIN

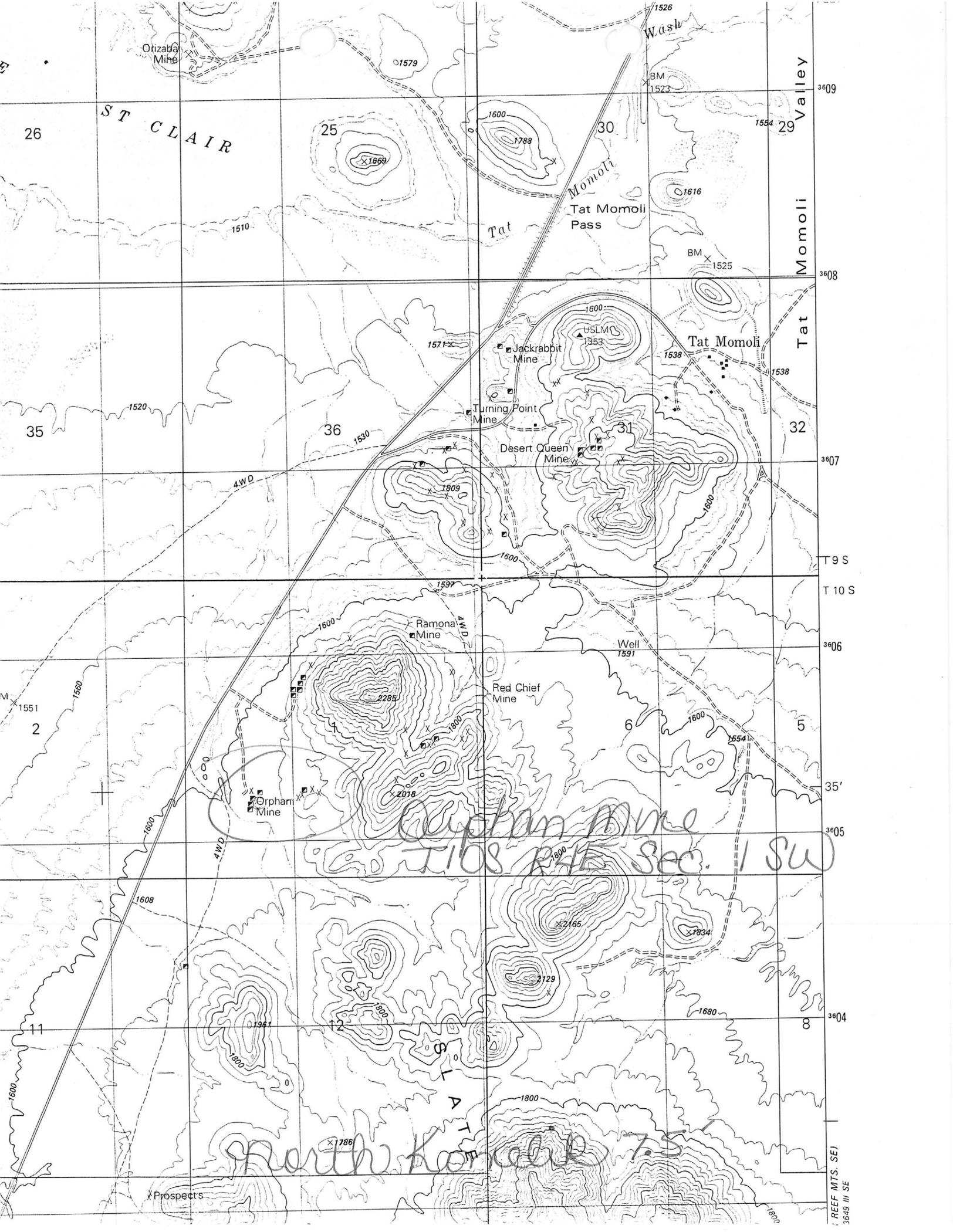
CURRENT STATUS: DEVEL DEPOSIT

COMMODITY:

LEAD
SILVER
COPPER
GOLD
MOLYBDENUM

BIBLIOGRAPHY:

ADMMR ORPHAN MINE FILE



ST CLAIR

Valley
Tat Momoli

26

25

30

29

3609

1510

Tat

Tat Momoli Pass

1526

BM 1523

1554

1616

BM 1525

3608

35

1520

36

1530

31

32

3607

4WD

Jackrabbit Mine

Turning Point Mine

Desert Queen Mine

USLMC 1353

Tat Momoli

1538

1538

1520

1530

1599

1597

Ramona Mine

Red Chief Mine

Well 1591

T 9 S

T 10 S

3606

1551

2

1600

2285

1800

2018

6

1600

5

1554

35'

3605

Orphan Mine

Orphan Mine
T108 R4E Sec. 1 SW

1608

11

1361

12

1800

2165

2129

1680

8

3604

1786

North Konak 7.5'

Prospects

REEF MTS. SE
3649 III SE

* GENERAL REFERENCES

REFERENCE 1 F1 < ADMR FILE DATA >
 REFERENCE 2 F2 < ABG-MT-USBM FILE DATA >
 REFERENCE 3 F3 < ABG-MT CLIPPINGS FILES >
 REFERENCE 4 F4 < USGS MF-934 >

L110 < REPORTED UNDER MINE NAME OF MONARCH IN 1950's >

miles 676B

U.S. CRIB-SITE FORM

RECORD IDENTIFICATION

*RECORD NUMBER B10 < _____ > *RECORD TYPE B20 < X, I, M > DEPOSIT NUMBER B40 < _____ >
 *REPORT DATE G1 < 8, 2, 0, 4 > *INFORMATION SOURCE B30 < 1, 2 > *FILE LINK IDENT. B50 < USBM - 004 021 >
 *REPORTER(SUPERVISOR) G2 < ROTH, FRANCES A. > (last, first, middle initial) (GEST, DON) (last, first, middle initial)
 *REPORTER AFFILIATION G5 < ABG-MT > *SITE NAME A10 < CAMINO MINE >
 *SYNONYMS A11 < MONARCH MINE, ORPHAN, EL CAMINO >

LOCATION

*MINING DISTRICT/AREA A30 < SLATE DISTRICT > *STATE A50 < AZ > *COUNTRY A40 < U.S. >
 *COUNTY A60 < PINAL >
 *PHYSIOGRAPHIC PROV A63 < 1, 2, 3 >
 *DRAINAGE AREA A62 < 1, 5, 0, 5, 0, 3, 0, 6, 8 >
 *QUADRANGLE NAME A90 < SILVER REEF MOUNTAINS > (1, 9, 4, 2) *LAND STATUS A64 < 4, 7, 8, 1, 1, 9, 7, 9 >
 *SECOND QUAD NAME A92 < _____ > *QUADRANGLE SCALE A100 < 6, 2, 5, 0, 0 >
 *ELEVATION A107 < 1, 1, 6, 5, 0, 4, FT > *SECOND QUAD SCALE A91 < _____ >

UTM

*NORTHING A120 < 3, 6, 0, 5, 2, 0, 0 >
 *EASTING A130 < 4, 1, 4, 7, 5, 0 >
 *ZONE NUMBER A110 < 1, 1, 2 >

*ACCURACY

ACCURATE ACC (circle)
 ESTIMATED EST < UTM MEASURED TO CENTER >
 OF QUARTER SECTION GIVEN IN USBM MILES >

GEODETTIC

*LATITUDE A70 < _____ N >
 *LONGITUDE A80 < _____ W >

CADASTRAL

TOWNSHIP(S) A77 < 0, 1, 0, S, 1, 2, 3, 4, 5, 6, 7, 8, 9 > *RANGE(S) A78 < 0, 0, 4, E, 1, 2, 3, 4, 5, 6, 7, 8, 9 >
 SECTION(S) A79 < 1 >
 SECTION FRACTION(S) A76 < N2 OF SW >
 MERIDIAN(S) A81 < GILA AND SALT RIVER >

POSITION FROM NEAREST PROMINENT LOCALITY A82 < ABOUT 2.7 MILES NORTH WEST OF PRIETA PEAK >

LOCATION COMMENTS A83 < _____ >

ESSENTIAL INFORMATION

ESSENTIAL SOMETIMES OR HIGHLY RECOMMENDED

MENAUGH, JOE ET AL d/b/a S. W. DESERT ENTERPRISES
703 N. Jones Blvd.,
Tucson, Arizona

MINE: CAMINO MINE (Former name "Monarch") 24½ Mi S of Casa Grande,
MILL: (Former name "Turning Point") 23 Mi S of Casa Grande, Pinal Co.
OWNERS & OPERATORS: Joe Menaugh,
4-20-56 George Wilson, 3514 E. Grant, Tucson,

S. W. DESERT ENTERPRISES

Joe Menaugh, 703 N. Jones Blvd., Tucson
George Wilson, 3514 E. Grant, Tucson

4450 N. FLETCHER DR. Tucson
(b.w. 10/22/66)

MINE: Camino Mine (Former Name "Monarch") Abt. 24½ Mi. S of Casa Grande,
MILL: (Former name "Turning Point") About 23 Mi S of Casa Grande, Pinal Co
OWNERS & OPERATORS- Same as above. 4-20-56

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DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA

FIELD ENGINEERS REPORT

Not for publication

Mine Camino Mine (former name "Monarch"
& Mill at Turning Point Date June 20, 1957
District Santa Rosa Mining District, Pinal Co. Engineer Axel L. Johnson
Subject: Present Status. Information from Mrs. Thad Watkins and W. J. Bush.

References Report of Camino Mine under date of April 18, 1957.

Changes from above report

Present Mining Activity None. Mine is idle.

Mr. Watkins, lessee, has done no work on this property for the past 4 months, and now has accepted a job with some operator near Silver Bell. It is reported that Mr. Watkins was forced to discontinue mining operations on the property on account of running out of finances. It is expected that Mr. Watkins will try to hang on to the lease in the hopes that he may be able to operate at some future date.

Remarks Mr. Watkins also holds a lease on the Turning Point Mine, on which his mill installation is located. This is a 5 year lease with over 4 years left to run. The owner of the property, Mr. Ted Manning now lives in Houston, Texas and has appointed LeRoy Helsel to take care of the property for him. Mr. Helsel had to go to Redwood City, Calif. for his health, and W. J. Bush of Casa Grande is handling his affairs during his California stay. Mr. Bush informs me that they would wish to cancel the lease on the Turning Point made out to Mr. Watkins, as he has not lived up to the terms of his lease, if they can find another leaser for the Turning Point. (See letter of June 24, 1957.

Address LeRoy H. Helsel, c/o Mrs. V. Dahlman, 1937 Woodside Road,
Redwood City, Calif.
W. J. Bush, 422 W. Tenth St., Casa Grande, Ariz.

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See: SOUTHERN ARIZONA MINES, INC. (file) Pinal Co.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Camino Mine (former name "Monarch") Date April 18, 1957

District Santa Rosa Mining District, Pinal Co. Engineer Axel L. Johnson

Subject: Field Engineers Report. Information from Thad Watkins, lessee. No visit.

Location 25 miles south of Casa Grande, about 1/4 mile east of the Covered Wells-Casa Grande road.

Number of Claims 3 unpat. claims.

Owners ~~is~~ Arthur Elliot, Casa Grande & W. M. Hauser, Ft. Worth, Texas.

Lessees & Operators Thad Watkins, 917 W. Sixth St., Casa Grande, Ariz.

Principal Minerals Lead ore in the form of cerussite, with some Silver.

Present Mining Activity Mine has been closed down for 2 or 3 months. Reason for closing was not given. Presume it was closed awaiting the acquirement of and the installation of the necessary milling equipment to mill the ore at the old Turning Point mill.

Geology & Mineralization See report of Oct. 19, 1956.
Ore Values " " " " " "

Milling and Marketing Facilities

Milling equipment installation and repairs on some old equipment is continuing at the Turning Point mill, about 1 1/2 miles north of the mine. Mill equipment for milling the ore from the Camino mine will be about as follows:

- 1 Jaw Crusher
- 1 --8 ft. Rod Mill--capacity 1 1/2 tons per hour.
- 1 Table -- capacity 1 1/2 tons per hour.

Mill capacity will be about 24 tons in 2 -- 8 hr. shifts.

Water for milling will be obtained from the Old Turning Point shaft.

In addition, Mr. Watkins has installed 2 jigs at the mill, to be used in milling the manganese ore from the Stella Maris No. 2 Mine. (See report of April 18, 1957 for Stella Maris No. 2). Mr. Watkins reports that he intends to continue both milling operations simultaneously.

Mine Workings See report of Oct. 19, 1956.

Proposed Plans Mr. Watkins states that he is planning on resuming mining operations at the Camino mine within a very short time.

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DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Camino Mine (former name "Monarch") Date Oct. 19, 1956
District Santa Rosa Mining Dist., Pinal Co. Engineer Axel L. Johnson
Subject: Field Engineers Report. Personal Visit & Information from Operators.

Location 2 1/2 miles south of Casa Grande, about 1/4 mile east of the Covered Wells-Casa Grande road.

Owners Arthur Elliot, Casa Grande, and a Mr. Hauser, FT. Worth, Texas.

Lessees & Operators Thad Watkins, et. al., 403 E. 2nd St., Casa Grande, Ariz.

Number of Claims 4 unpat. claims.

Principal Minerals Lead in the form of cerussite, with some silver.

Number of Men Working 3

Production Rate About 16 tons of ore per day drifting in ore. Ore is stockpiled.

Geology Ore vein strikes N 20 deg. E. and dips 85 deg. to the west. Country rock is limestone near the surface and andesite porphyry and rhyolite porphyry below. Acc. to operators, the ore is found, at present working face, in a 5 ft. vein in andesite, near the limestone formation.

Ore Values Mr. Watkins reports 6 to 7 % in Lead, 2 oz. of Silver, & \$ 5.00 per ton in Gold.

Milling & Marketing Facilities None available in good mechanical condition & with enough capacity. Old Turning Point mill not considered as meeting the requirements. Operator plans to build a mill of 50 ton per day capacity, or possibly greater capacity. Equipment considered are crushers, rolls, jigs and tables. Some of the old equipment at the Turning Point Mill may be used, if in working order and will fit in with the program.

Mine Workings (New) 1 inclined shaft (incl. 85 deg) --- 128 ft. deep, with workings on the 50 ft. and the 120 ft. levels. Reported to be about 200 ft. or more in drifts.
2 old shafts, each about 200 ft. deep, within 350 ft. of above.

Present Operations Drifting on the 50 ft. level of the 128 ft/ inclined shaft, making about 4 ft. per day progress. Drifting is in ore, producing about 16 tons per day. Plan is to connect the other two shafts, for ventilation and exploration purposes.

Planned Plans of Future Operation

- (1) To construct a mill of 50 ton per day or more capacity.
- (2) To connect the 3 shafts with the drift now being driven.
- (3) To produce 50 tons per day or more from the operations, after the development work is completed.

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DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Camino Mine (former name "Monarch") & Mill (former name "Turning Point")
District Santa Rosa Mining Dist., Pinal Co. Date April 20, 1956
Engineer Axel L. Johnson
Subject: Field Engineer's Report. Personal Visit & information from operators.

Location Mine located 2 1/2 miles south of Casa Grande, about 1/4 mile east of the Covered Wells-- Casa Grande road. Mill located 23 miles south of Casa Grande, about 1/8 mile east of above mentioned road.

Owners Joe Menaugh, 703 N. Jones Blvd., Tucson, Ariz.
George Wilson, 351 1/2 E. Grant, Tucson, Ariz.
doing business as S. W. Desert Enterprises.

Operators Same as above.

Principal Minerals Lead ore in the form of cerrusite, containing a small amount of Ag.

Number of Men Employed Mine is being worked by 3 men on contract at so much per ton of ore mined and hauled to the mill. Owners, Mr. Menaugh & Mr. Wilson operating mill.

Production Rate No rate established, as production is just getting started now.

Ore Values According to the operators, the ore averages from 6 to 7 % in Lead, with about 2 oz. in Ag. No zinc in the ore.

Milling Equipment The old Turning Point mill was purchased from the owners, ~~and~~ the crushing and grinding equipment was overhauled, and a ~~table~~ table added. The milling equipment used now consists of a jaw crusher, a ball mill, and a table. The milling capacity is about 1 ton per hour. Water for milling is obtained from the old shaft.

Milling Results Operators report that they have already milled some ore from the old mine stockpile with fairly favorable results. They report that the concentrates run about 29 % Lead, with 9 oz. of Silver, and 0.16 oz of gold.

Present Mine Workings 1 incl. shaft (incl. 85 deg.) ----- 120 ft. deep (Camino shaft)
with old workings on the 50 ft. and the 100 ft. levels. (former Monarch shaft)

Present Operations 3 men working in the mine on contract. They are now putting up a raise, preparatory to starting an ore stope above the 100 ft. level. Men are just getting started, and no progress has been made as yet.

Proposed Plans To mine the ore from the Camino mine on contract, and mill same at the mill near the Old Turning Point mine.

* References For "Geology", "Old Workings", and "Past Production" see my report of this property under date of April 17, 1952.

See: Turning Point mine (file)

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

~~FIELD ENGINEERS REPORT~~

NEWS ITEM

Mine Camino Mine

Date April 17, 1952.

District Casa Grande Mining Dist., --Pinal Co.

Engineer Axel L. Johnson

Subject: News Item --- Source of Information-- Personal Visit.

Location 24 miles south of Casa Grande on the Sells Road. It is 1/4 mile east of the Sells Highway, this 1/4 mile of road being in fair shape.

Number of Claims 3 unpatented claims.

Owners Southern Arizona Mines Inc., Casa Grande, Ariz.
W. M. Hauser, Box 483, Casa Grande, Ariz.----- President

Leasers H. C. Smith, and P. V. Smith, 2542 W. Lane Ave., Phoenix, Ariz.
Lease is 10 % with option to buy.

Metals Found Lead in the form of carbonate ores.

Men Employed None.

Production Rate None. Mine is idle.

Milling Facilities None.

Geology Vein is 6 inches to 24 inches wide, dipping from 60 to 80 degrees to the south-east. Footwall is limestone, and the hanging wall is soft decomposed rhyolite porphyry. Ores are Lead Carbonate, with a very small amount of wulfenite in some spots.

Ore Values According to Mr. Smith, the ore assays about 10 % Lead, and 4 to 5 oz. of Silver. On account of the narrowness of the vein, a considerable amount of hand sorting would probably be necessary to produce shipping grade ore.

Old Workings

- (1) 1--- 125 ft. deep inclined shaft, sunk in the vein.
- (2) 200 ft. of drift in the vein at the bottom of said shaft.
- (3) 1 old stope- 60 ft. deep further up the hill.
- (4) 1 old stope- 30 ft. deep still further up the hill.

Past Production 2 carloads of ore running 10 % Lead was shipped from the shaft. No records of the amount and grade of ore from the two old stopes.

Present Operations None.

Proposed Plans Mr. Smith would like to apply for a Government Exploration Loan, or else sell the lease. Expl. Loan Application would be to sink the shaft deeper.

Remarks Mining Operation of this property would, no doubt, be marginal.
Have considerable doubt that an Exploration Loan Application on this property would be approved.

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