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08/17/88

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: TOM REED JR.

ALTERNATE NAMES:

ALTO
COMET
DOROTHY A.
KING MIDAS
GOLD KING TOM REED
VISTA
IDA
KING MIDAS
MECCA
MEDORED
NEW YORK EXT
TRIUMP
PARALLEL

MOHAVE COUNTY MILS NUMBER: 34C

LOCATION: TOWNSHIP 19 N RANGE 20 W SECTION 23 QUARTER S2
LATITUDE: N 35DEG 00MIN 46SEC LONGITUDE: W 108DEG 22MIN 55SEC
TOPO MAP NAME: OATMAN - 7.5 MIN

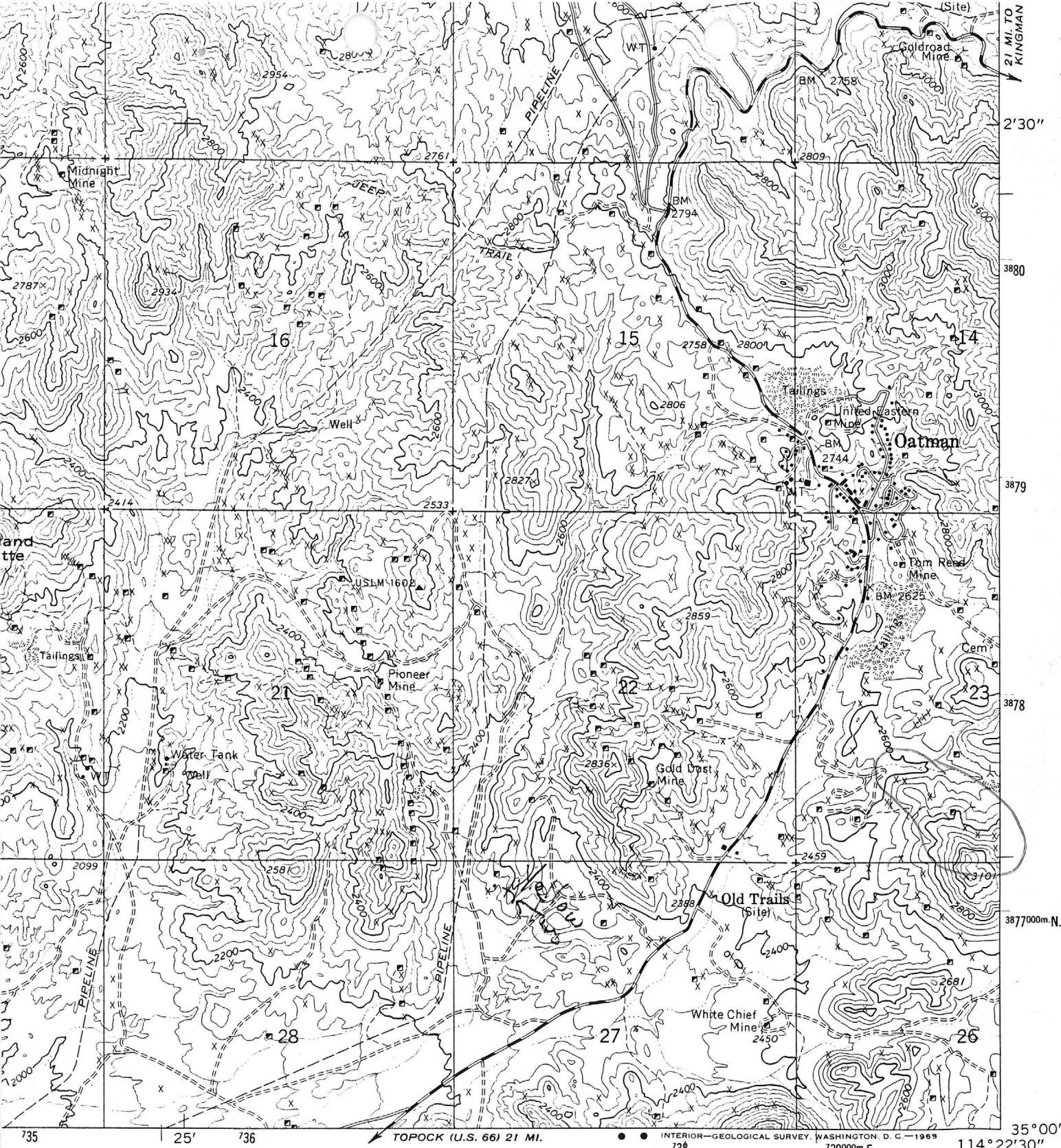
CURRENT STATUS: PAST PRODUCER

COMMODITY:

GOLD LODE
SILVER

BIBLIOGRAPHY:

USGS OATMAN QUAD
ADMR HOUSEHOLDER MAP
ADMR MOHAVE CARD FILE
RANSOME, F.L., USGS BULL 743 MAP
ADMR MOHAVE CUSTOM PROJ. CARD FILE
MCCUTCHAN, J.H., 67TH ANN. RPT. AZ. STATE
MINE INSP. P. 9
ADMMR TOM REED JR FILE
ADMMR MINES & MINING COMPANIES CARD INDEX
FILE, KING MIDAS MINES INC.
WEED, W.H., THE MINES HANDBOOK VOL. XIII,
1918, P. 492
FOSTER, T.C., 16TH ANNUAL RPT. AZ. STATE
MINE INSPECTOR, P. 16



1 MILE
7000 FEET
KILOMETER



QUADRANGLE LOCATION

Tom Reed Jr.

ROAD CLASSIFICATION

Medium-duty ——— Light-duty ———
Unimproved dirt =====

WASHINGTON, D. C. 20242
REQUEST

OATMAN, ARIZ.
N3500-W11422.5/7.5

1967

51-D
MO

KING MIDAS MINE

MOHAVE COUNTY
SAN FRANCISCO
T19N R20W Sec. 23

MOHAVE COUNTY MILS INDEX #34C

AKA: Tom Reed Jr., Ida, Gold Key, Gold King Tom Reed, Alta, Mecca, Triumph

See: Gold Key Mine - Tom Reed Jr. (file) Mohave

Housholder Map

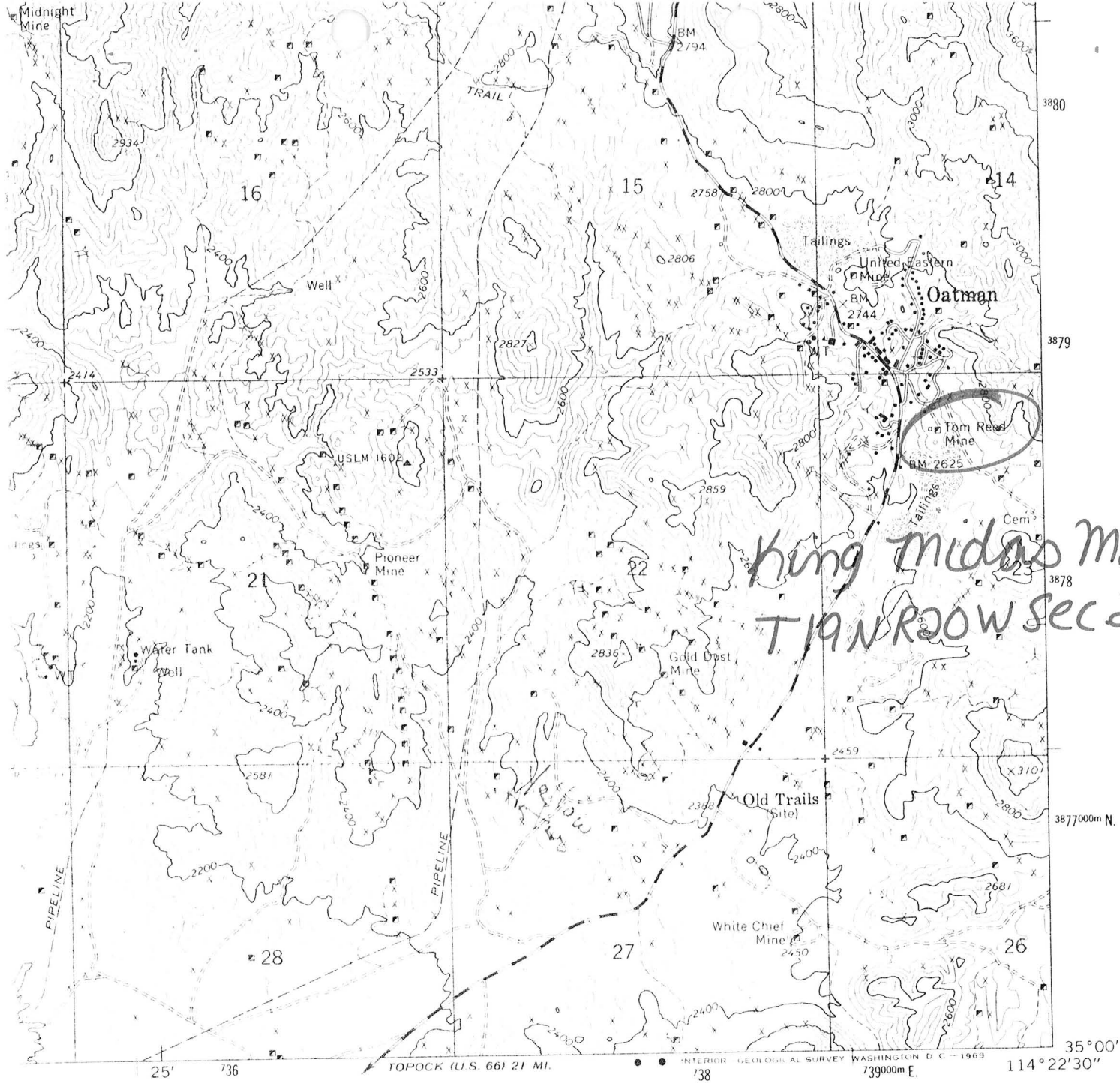
Mohave Custom Mill Proj Card

USGS Bull 743 Map

The Mines Handbook Vol. XIII (1918) p. 492

16th Annual Rept of AZ State Mine Inspector p. 16

Oatman 7.5' Topo Map (included in file)



*King Midas Mine
T19N R20W Sec 23*

1 MILE

ROAD CLASSIFICATION

Medium-duty

Light-duty

Unimproved dirt



QUADRANGLE LOCATION

OATMAN, ARIZ.
N3500—W11422.5/7.5

1967

51-D

MO

7'

KP/WR 4/3/79 - Discussed cyanide safety considerations with Mr. Clifton of Petro-Chem Corp. His Arizona operation address is: General Delivery, Oatman, Arizona 86433. 5/22/79 a.p.

GM WR 6/5/79 - Traveled to Oatman, Could not find anyone from Petro-Chem. All work was stopped at the Ida Shaft and could not contact Quincy Crane (Petro-Chem leased his property). 7/6/79 a.p.

MG WR 3/30/84: Fischer-Watt Mining Co. is still leasee on the Gold Key and Tom Reed and the United Eastern properties in Mohave County. There has been some discussion concerning possible construction of a mill to re-treat the tailings from these properties. The Tom Reed reportedly has 1,000,000 tons and the United Eastern has 750,000 tons.

NJN WR 9/18/87: Ed Huskinson (card) reported that Arizona Golden Pacific Resources, Vancouver, B.C. will be rotary drilling on the Ida Claims (Golden Key and Tom Reed Jr - file) in the Oatman District, Mohave County soon.

Gold Key and Tom Reed Jr files were separated 8/16/88.

Visited Tom Reed, Jr. mine - being rehabilitated by King Midas Mines, Inc. Jim McCarthy, et al. R. Q. Crain is manager. FTJ WR 11/6/70

Mr. McCarty continues to drift on the 300 level of the White Chief mine in Oatman. GW QR 9/71

Went to Oatman and the King Midas remains inactive, however, it is reported it will resume work soon. GW WR 6-7-73

CH/WR 3/7/79 - Drove to Oatman and visited the Ida Shaft on the Tom Reed, Jr. vein. This shaft has been repaired, surface installations improved and currently has some 30+ft of drifting on a sub-level. It is being operated as an exploration shaft in a virgin portion of the Oatman Mining District by Petrochem. 4/11/79 a.p.

CH & GM WR 4/3/79 - They were prepared to go underground at the Ida Shaft (was King Midas), however, their pump was down so they did not go underground. One and one-half miles southwest of Oatman. Sec. 23, T19N, R20W. They still have six hands working at the property. Talked to Ed Jones, Superintendent, he said that they had drifted about 48' to the East and 12' to the West. Both drifts were in ore. Returned to Oatman and talked with Ed Jones, Foreman, P.O. Box 34, Oatman, Az. 86433. He reported about 50' of drifting in gold ore. Property was visited recently by Robert DeVore, Az. Deputy Mine Inspector and MSHA inspectors. DeVore objected to the use of a shaft bucket for personnel transport. This is in violation of R11-1-1171 (19-49M), page 119, 1976 Revised Edition of the State Mining Code. A temporary variance has been granted for the operation to continue. Drove to a diamond drill site where Evan Skinner, U.S. Energy Corp. was core BX drilling almost due south at a dip of 55°. A vein intercept is expected at 500'. This is not the vein explored from the Ida Shaft. The core examined showed only two thin zones of crushed limonitic quartz. 5/1/79 a.p.

CH/WR 4/13/79 - Gary Clifton, Petro-Chem Geologist, reported that the Ida Shaft of the Tom Reed, Jr. Mine, Near Oatman, Az. has shut down. Diamond drilling from surface will continue. 4/30/79 a.p.

GOLD KEY MINE & TOM REED JR. MINE

MOHAVE COUNTY

Visited Mr. & Mrs. de Ruppert at the King Midas office. They are associated with Jim McCarthy in the mine development - now idle. TPL WR 3-24-62

Interviewed Jim McCarthy - he expects work to start soon at the King Midas by a newly organized company. EGW WR 9-17-63

Visited the King Midas property in Oatman. McCarthy and Hitson and 4 other men are working at the Alta shaft. They have set a headframe and hoist and have made the mine accessible to a depth of about 150 feet (50° incline). The ground stands well and rehabilitation has consisted principally of some collar repair, setting of guides, and pumping a small amount of water. A small crude milling plant has been set up and about 10 tons of ore from the 100' level put through as a trial run. Mill equipment comprises a jaw crusher, a "Hurricane" pulverizer, and dry concentrators. Pannings of the mill feed indicated a grade of \$20 to \$30 gold per ton. However the dry machines made a disappointingly poor recovery - wholly uneconomic. Work is continuing in the mine and the operators are considering putting in a wet table or jigs for gold recovery, and are considering also putting in several small tanks to treat the ore by cyanide percolation leaching. TPL WR 4-22-60

Visited the Alta Mine of King Midas Gold Mining Co. at Oatman. The shaft is being cleaned out by three partners with a hired crew of three. At the time of visit they were preparing to set an air-operated reciprocating pump in the shaft at water level which is immediately above the brow of the level. Meanwhile the 100' and 160' levels are being cleaned up. A dozer was cutting a road and a terrace at the lower end of the mill setting. Another type of air concentrator is to be tried out for gold recovery. As a last resort the operator will try wet concentrating if enough water is available in the shaft for several hours run per day. In this case the pulverizer mill will be replaced by a ball mill. TPL WR 5-21-60

Visited the Gold Key Mine of King Midas Gold Mining Co. at Oatman. Two men were drifting in the west end of the 200' level of the Alta shaft. TPL WR 7-23-60

Jim McCarthy reported that the Gold Key has suspended development. TPL WR 9-22-60

This property active Feb. 1961

Interviewed Jim McCarthy who is working intermittently at the Gold Key mine (Alta shaft)
TPL WR 5-20-61

Active Oct. 1961

Active Feb. 1962

ARIZONA DEPARTMENT OF MINERAL RESOURCES
MINERAL BUILDING, FAIRGROUNDS
PHOENIX, ARIZONA

August 20, 1958

Ida Group 4 claims

To the Owner or Operator of the Arizona Mining Property named below:

<i>3 claims</i> Alto (Mohave County)	gold
(Property)	(ore)
(formerly Treasure Key)	

We have an old listing of the above property which we would like to have brought up to date.

Please fill out the enclosed Mine Owner's Report form with as complete detail as possible and attach copies of reports, maps, assay returns, shipment returns or other data which you have not sent us before and which might interest a prospective buyer in looking at the property.

Frank P. Knight

FRANK P. KNIGHT,
Director.

Enc: Mine Owner's Report

I. C. 6975 shows

*Milling Methods & Costs @ Mill
of Tom Reed Gold Mines Co.*

DEPARTMENT OF MINERAL RESOURCES

State of Arizona

MINE OWNER'S REPORT

Date.....

1. Mine:.....
2. Location: ^{16, 22} Sec. 23 Twp. 19 N. Range 20 W. Nearest Town. Oatman Distance. 2 mi. NW
Direction..... Nearest R.R. T. & G. R. Distance. 27 mi.
Road Conditions..... Good, paved except 2 miles
3. Mining District and County: San Francisco, Mohave
4. Former Name of Mine: Gold Key and Tom Reed for report in
5. Owner: King Midea Mines Inc.
Address: Box 419 Oatman
6. Operator: as above
Address: as above
7. Principal Minerals: Gold & Silver R. 1:2
8. Number of Claims: Lode..... Patented..... Unpatented..... 12
Placer..... Patented..... Unpatented.....
9. Type of Surrounding Terrain: low rugged hills
10. Geology and Mineralization: Oatman Quartzite, Rhyolite & calcite
w/ Mn, Fe, manganese, no copper, quartz, hematite
fine milling upper part
11. Dimension and Value of Ore Body: Vein 4-25' wide - 20 to 100 ft
Surface weathered material \$50 to 50' width
2-300' shafts (1916). Sh. \$50,000 after mine an
Total probably \$100,000 - 5 stamps old days

Please give as complete information as possible and attach copies of engineer's reports, shipment returns, maps, etc. if you wish to have them available in this Department's files for inspection by prospective lessors or buyers.

(over)

12. Ore "Blocked Out" or "In Sight":

Ore Probable: 50 - 100,000 m ore

100,000 m ore

13. Mine Workings—Amount and Condition:

No.	Feet	Condition
Shafts 2	300'	Good w/ gas lights bucket in tank
Raises		
Tunnels		200' each shaft
drifts		
Crosscuts		
Stopes		none

14. Water Supply: Sufficient for 50-100 TPD mill. Can collect enough for 500 TPD and more can be had. Cont'd United Eastern power water supply.

15. Brief History: First op. 1915-17 as Gold King (Treasure Key claim).
since 1925 about 1934
Damon told Kim in 1934
rehabilitated and shipped periodically
(asmt?) Located by W.E. Hutton & J.H. Apple who organized present Corporation Nov 1957
McCarthy, 1957
patented group which sold for taxes

16. Remarks: Shafts are one mile apart different vein systems

17. If Property for Sale, List Approximate Price and Terms:

18. Signature: James J. McCarthy W.E. Hutton

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

FILED

AUG 12 1958

Mine Gold Key and Ida

Date 6-20-58

District San Francisco, Mohave Co.

Engineer Travis P. Lane

Subject:

Owner: King Midas Mines, Inc.
P.O. Box 419, Oatman, Arizona

Operator: do

Manager: James H. McCarthy

The principal Oatman properties of King Midas Mines, Inc. are the Gold Key Group (3 unpatented mining claims) and the Ida Group (4 unpatented claims). These claim groups are about 1/2 mile apart and are located approximately 1 mile south and southwesterly from the town of Oatman over more or less level road. The Gold Key claims were formerly a part of the large holdings of the Orion Mining Co. which included notably the neighboring patented Gold Dust and Boundary Cone properties. The Ida claims were formerly a part of the Tom Reed, Jr. property.

The San Francisco mining district is credited with a production of gold and silver valued at over \$50,000,000, mostly made since 1908, and chiefly from the Oatman section of the district. A great many properties have contributed to the total production although by far the greatest proportion is accountable to the Gold Roads, United Eastern, and the Tom Reed mines, the first two being within the town limits of Oatman. Among other substantial producers in the Oatman section were the Pioneer (Swiss-American), Boundary Cone, Leland, Gold Dust, and Vivian mines, all in the immediate vicinity of the Gold Key and Ida holdings of King Midas Mines, Inc.

The principal country rock of the district is andesite. Other important flow rocks are trachyte, latite and rhyolite. The veins occur as fillings in fissures and fractures in these rocks, often on their contacts and in and along the walls of intruded andesitic and rhyolitic dikes. The principal constituent of the veins is quartz. Calcite is abundant and hematite and limonite are common in the upper oxidized portion of the veins. Sulphides of iron are rare in the veins, but are common in the wall rock enclosing the veins.

The district is notable for the cyclical nature of mining activity in it. The favorable geologic area is fairly large, the veins are numerous and contain occasional bunches of spectacularly rich ore. From time to time in the past rich strikes have been made and each such new discovery led to an era of intensive exploration and development. When the newly discovered ore bodies developed into steady producers (or were worked out quickly) and other exploration proved negative, activity fell off -- only to be renewed later following the next important discovery. Interest reached its lowest point just prior to the rise of the price of gold in 1933. Following this event and continuing to the date of the gold closing order (L-206) in 1942 there was much lesser activity throughout the area consisting principally of mining pillars and fringe material in the old workings. The ore was shipped on a custom basis to the Gold Roads mill until the mill operation was terminated in 1942.

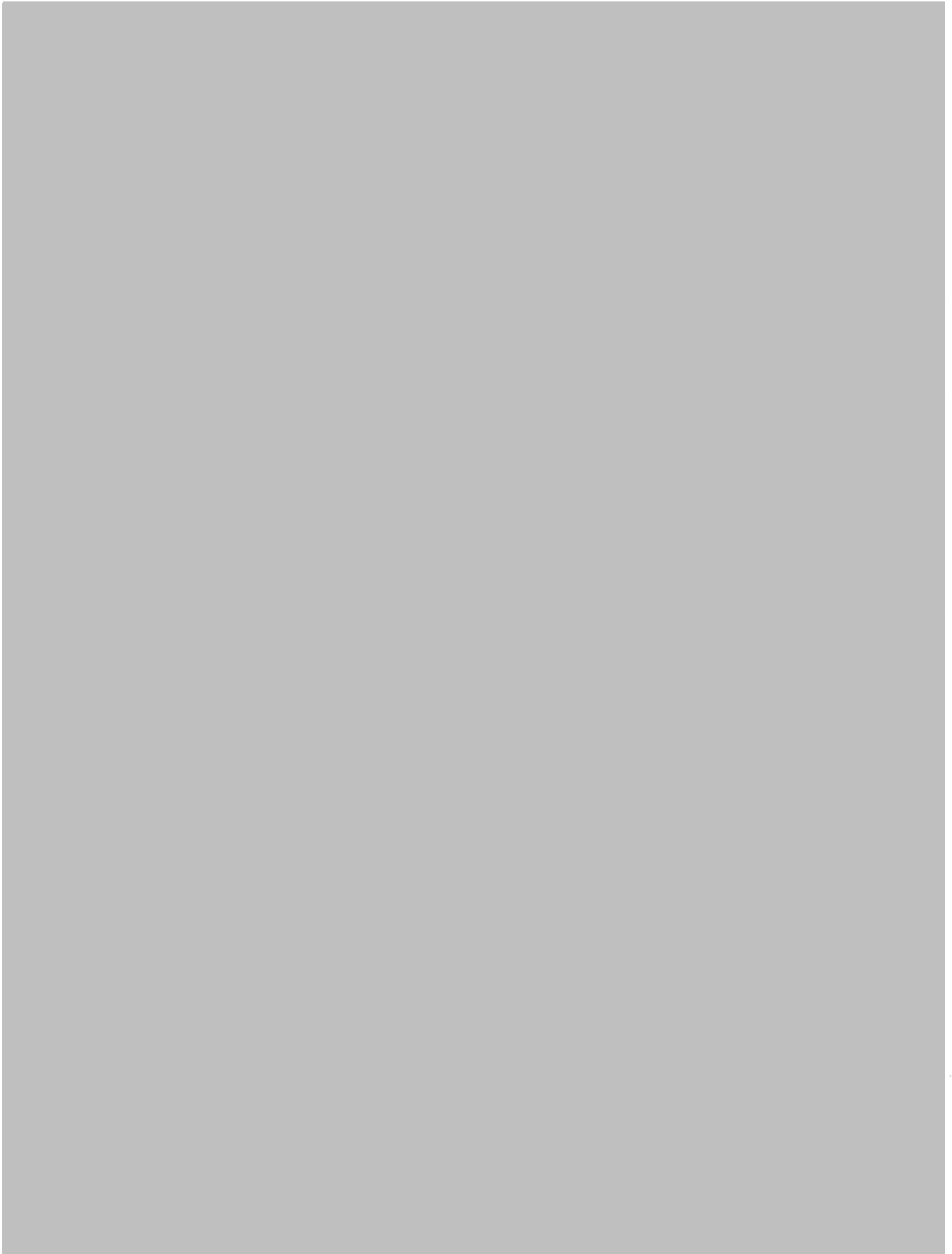
Judging from the past history of the district it seems not unlikely that vigorous exploration might develop new ore bodies similar to those uncovered in the past. However, until there is improvement in the currently unfavorable economics of gold mining (i.e. a fixed gold price and mounting inflation of costs) only the richer

portions of an ore body could be mined at a profit.

The workings on the Gold Key group of claims consist of a 310 ft. shaft and several surface cuts all on the foot wall of the reef cropping of a weather resistant rhyolitic dike which strikes NW-SE. The vein in the shaft shows a steep variable southerly dip. Levels are reported at 100 ft., 200 ft. and 300 ft. with several hundred feet total lateral drifting from the shaft. The shaft collar has been repaired and a head frame erected. A 15 HP gasoline hoist has been set. There are no ladders but the ground is firm and the shaft can be seen to be open to water level, said to be at about 100 ft. Water was handled by bailing when the work was done many years ago. It is claimed that a small tonnage of ore was stoped at about the 100 ft. level. The Mines Handbook for 1926 comments as follows: "The east drift exposes an ore shoot 75 feet long and 4 to 6 feet wide showing 3 ft. of \$30. ore. A second shoot 75 feet to the west is said to average \$12." Unwatering and sampling these workings could be accomplished at relatively small cost, assuming there is no caving below water level.

The principal workings on the Ida group consist of a shaft about 300 feet deep with levels reported at 60, 100, 200 and 300 feet with several hundred feet of lateral drifting. The present operators have repaired the shaft collar, and the ground appears to be good and the shaft open to water (here claimed to stand at 110 ft. below the surface). An 8 HP gasoline hoist is present on the property, also timbers for a head frame are lying on the ground. Other development consists of a 30 ft. and a 60 ft. shaft, and several cuts and trenches. The work here appears to have been confined to the foot wall of a silicified dike which strikes NW-SE and dips steeply southwest.

It is reported that 200 tons of ore with value of \$25. to \$28. (old price) was shipped from a stope on the 100 ft. level, and that ore which pans about \$15. value exists in the back of this stope. It is also said that ore is present in the 200 ft. level with assays of \$28. and above; and that sampling on the 300 ft. level showed \$15. to \$30. ore (old price) for a distance of 75 ft. east from the shaft. The dump has been cobbled and some ore evidently shipped. Also, at some time in the past a small stamp mill, apparently a prospector type mill, operated on dump ore. Here as at the Gold Key shaft an unwatering and sampling job ought not to be a costly undertaking.



Ida Mine

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Tom Reed, Jr. (has been known as King Midas mine) Date September 22, 1978
District San Francisco Engineer Glenn Miller - Cliff Hicks
Subject: Surface examination of facilities

Sec. 23, T19N, R20W.

Interview at mine collar with Ed Jones, Foreman, P.O. Box 34, Oatman, AZ, phone 758-2623 and Quincy Crane, owner. The mine was down because of compressor malfunction. Leasing company, Petrochem, P.O. Box 2542, Billings, Montana.

Shaft is being retimbered and ladders installed to 400'. One station at 300'. Engineering is being done by Mineral Services, Inc., 54550. 2165 W., Salt Lake City, Utah 84104 (801) 533-0545, Eldred M. Garrick.

Shaft being sampled as it went down vein. Dip 70°S. 4'X6' single compartment. The hoist is a 12hp., Fairbanks-Morse, compressed air. Hoisting by ½ ton bucket. Some water problems. Miners preparing to pump through 4" line. Future plans under study.

Engineers have been invited to return and go underground.

GM:CH:gg

cc: Tucson office.

KING MIDAS MINE

MOHAVE

The King Midas at Oatman is down while reorganization of the management is in progress. GW WR 9/6/72

GM/WR 3/7/79 - Traveled to Oatman and visited the men working for Petro-Chem. They are working the Ida Shaft on the Tom Reid, Jr. vein (King Midas Mine). They had done a lot of work since Cliff and I were there. Ed Jones, Superintendent, told us that they have been inspected by the Federal Mine Inspector four times in the last month and a half (six men are working there. They wanted us to go underground with them, however, we did not have proper safety equipment. On our next trip we will go underground. 4/30/79 a.p.

ARIZONA DEPARTMENT OF MINERAL RESOURCES
MINERAL BUILDING, FAIRGROUNDS
PHOENIX, ARIZONA

August 20, 1958

Ida Group. 4 claims

To the Owner or Operator of the Arizona Mining Property named below:

3 claims
Alt^o (Mohave County) gold
(Property) (ore)
(formerly Treasure Key)

We have an old listing of the above property which we would like to have brought up to date.

Please fill out the enclosed Mine Owner's Report form with as complete detail as possible and attach copies of reports, maps, assay returns, shipment returns or other data which you have not sent us before and which might interest a prospective buyer in looking at the property.

Frank P. Knight

FRANK P. KNIGHT,
Director.

Enc: Mine Owner's Report

*L.C. 6975 shows
Milling Methods & Costs @ Mill
of Tom Reed Gold Mines Co.*

ARIZONA DEPARTMENT OF MINERAL RESOURCES
MINERAL BUILDING, FAIRGROUNDS
PHOENIX, ARIZONA

August 13, 1958

To the Owner or Operator of the Arizona Mining Property named below:

Western Star (Mohave County)	gold & silver
(Property)	(ore)

We have an old listing of the above property which we would like to have brought up to date.

Please fill out the enclosed Mine Owner's Report form with as complete detail as possible and attach copies of reports, maps, assay returns, shipment returns or other data which you have not sent us before and which might interest a prospective buyer in looking at the property.

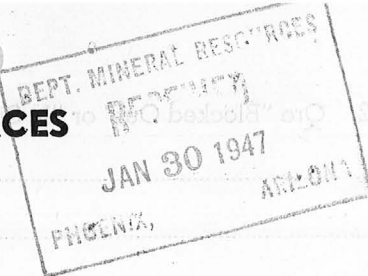
Frank P. Knight

FRANK P. KNIGHT,
Director.

Enc: Mine Owner's Report

Ref: See Gold Key mine + Tom Reed, Jr. (Combined)

DEPARTMENT OF MINERAL RESOURCES
State of Arizona
MINE OWNER'S REPORT



Date Jan 28 1947

1. Mine: Western Star
2. Location: Sec. Twp. Range. Nearest Town. Oatman
Distance 8 1/2 mi. Direction N.W. Road Condition Fair
3. Mining District & County: San Francisco district Mohave Co.
4. Former Name of Mine: King Midas +
5. Owner: Sophie C. James
Address: Oatman, Arizona
6. Operator: Western Star Gold Mines, Inc.
Address: Box 43 Oatman, Arizona
7. Principal Minerals: Gold & Silver
8. Number of Claims: 7 6 Lode X Placer
Patented No Unpatented Yes
9. Type of Surrounding Terrain: Rugged surroundings approx
alt 2700
10. Geology & Mineralization: Quartz + calcite formation
in an east-west vein with a dip to the
north. All faults show a dip to the east.
11. Dimension & Value of Ore Body: Undetermined

12. Ore "Blocked Out" or "In Sight": Undetermined

Ore Probable: Undetermined

13. Mine Workings—Amount and Condition:

No.	Feet	Condition
Shafts.....	<u>160</u>	<u>Poor</u>
Raizes.....		
Tunnels.....	<u>540</u>	<u>Excellent</u>
Crosscuts.....		
Stopes.....		

14. Water Supply: Limited

15. Brief History: King Midas Co sunk 160' of Shaft
in 1923 or 1924. Nothing but assessment work
done until June 1946

16. Signature: J B Warren for Western Star Gold Mines, Inc

17. If Property for Sale, List Approximate Price and Terms: