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07/01/97

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: SNYDER

ALTERNATE NAMES:
FRANK SNYDER MINING CLAIMS
HUGHES GROUP

PINAL COUNTY MILS NUMBER: 118C

LOCATION: TOWNSHIP 1 S RANGE 14 E SECTION 19 QUARTER W2
LATITUDE: N 33DEG 19MIN 43SEC LONGITUDE: W 110DEG 58MIN 43SEC
TOPO MAP NAME: PINAL RANCH - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:
COPPER OXIDE

BIBLIOGRAPHY:
ADMMR SNYDER MINE FILE
ADMMR LORRAINE MINE FILE
ADMMR SNYDER MINE FILE GIVES CONFLICTING INFO
LOCATING THIS PROPERTY IN GILA CO.

21 MI. TO U.S. 80 A
SUPERIOR 8 MI.
Pinal Ranch
Signal Mtn
Five Point Mountain
(The Watershed)
Well
American Mine
Hutton Pk
Iron Canyon
Lost Horse Spr
Mud Spr
Goatwater Spr
(SUPERIOR)
20'
T. 1 S.
17'30"
T. 2 S.
R 13 E
R 14 E
NATIONAL FOREST BOUNDARY
Snyder Mine
T 1S R14E Sec 19
Pinal Ranch 7.5'

Globe, Arizona
Aug. 12th 1958

Mr. Frank P. Knight.
Phoenix, Arizona.
Dear Sir"

Your letter of August 6th addressed to Box 2054 Globe, for me was handed to me last saturday by C.N. Perry who has that P.O. box. I am not in a position to give you much information regarding the Frank Snyder mining claims in Pinal Co., I owned them for a few years - then in 1949 I deeded them over to another party and since then they have been sold and later abandoned by the buyer; as far as I know no one is operating them at present.

Yours truly

Clarence W. Hughes

P.O. Box 1288
Globe - Ariz.

see Lorraine Mine file, Pinal Co.

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

RECEIVED
AUG 14 1958
DEPT. MINERAL RESOURCES
PHOENIX, ARIZONA

August 6, 1958

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

Snyder Mine (~~Gila~~ Pinal County) copper
(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

NAME OF MINE: SNYDER

COUNTY: ~~GILA~~ Pinal
DISTRICT:
METALS: CU

OPERATOR AND ADDRESS:

DATE:		MINE STATUS DATE:	
5/1/44	F.L. Perry, C.W.Hughes Box 2054, Globe	5/1/44	Ready to ship
		12/44	Idle

NAME OF MINE: HUGHES (SNYDER)

COUNTY: PINAL
DISTRICT:
METALS: CU

OPERATOR AND ADDRESS:

DATE:		MINE STATUS DATE:	
5/1/44	C.W.Hughes,Box 383,Globe	5/1/44	Shipping
		9/44	Idle
8/43	3 men working		

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

DEPT. MINERAL RESOURCES
RECEIVED
MAY 15 1943
PHOENIX, ARIZONA

Mine "FRANK SNYDER" OF C.W. HUGHES Date May 10th, 1943

District Pioneer, Pinal County, Arizona. Engineer A.Macfarlane

Subject: Report.

PROPERTY; Consists of three full claims acquired by Mr C.W. Huhges the names and dates of location being as follows;.

Dark Horse, located the 1st, of July 1941
Copper Giant " " 1st, " July 1941
Cuprite Queen " " 16th, " Oct. 1941 these three claims being contiguous, and all duly recorded at Florence, County Seat of Pinal County, Arizona.

LOCATION & ROAD; From Miami, main Hwy. 70 following a general westerly direction towards Superior is followed, until the village of Summit is reached. At about 1/4 of a mile west of Summit a left hand narrow mountain road is taken and this for nearly 2 miles winds up a shoulder of the Pinals, reaching the crest of the ridge at the American or Fairview mine. This part of the road is much out of repair, but from the American mine to the Old Frank Snyder group ,Mr Hughes has kept same in fair repair, for the distance of about 1/2 mile southerly to the workings of his mine.

TRANSPORTATION; The ores of the Snyder Group have always been trucked to the International Smelter, a distance of about 14 miles over the above described road, and supplies brought in from Miami and Globe. At present it may cost $2.00 per ton, to truck the ores to smelter, and take timber and equipment into the mine from Globe.

GEOLOGY;The predominante rocks are Granite in various stages of alteration and distinctly fractured by a Dacite flow,extending southerly from the Americam mine, forms in part one wall of the Snyder Mineralization. The faulting Igneous rocks, are likely responsible for the fissuring of the Granite (Schultz Granite) and the subsequent fissuring and mineral deposition.

It is noted that at and within the Southwest workings of the Snyder mine, the fissuring effect is erratic and may not carry to much depth; while the Northeast workings, are in a less disturbed fracture or structure, with more defined walls, and in this area I would expect the ores to be found at reasonable depth.

MINERALIZATION; Highgrade copper has been deposited in two narrow veins as now evidenced in the yet limited mine workings; these veins are from 100' to 200' apart and have a strike of nearly southwest to Northeast,with several slight deflections from that general course.

The vein west and higher up the steep hill is called the fault vein, due to its faulted condition, as evidenced in the South-western workings. The main vein is more or less 150' easterly and down hill from the Fault vein; the best grade of ore is now exposed in the Main Vein.

These veins are filled with quartz and schistose gangue. the ores of copper in paystreaks varying in width from 6" to 24", the ores

are of excellent grade.

MINE WORKINGS; The attatched sketch maps, are designed to show the present extent of the workings, also the points sampled and the assays which the Owner Mr Hughes has had made and two samples taken during this examination, to check on former work.

The assay list as follows;

Nos.	Place Sampled	Width	% Copper	Gross Value as Settled Premium & Smelter
1	S.W.Tunnel Stope on back	20"	15.1	$38.73
2	S.W. " Winze N.end	22"	22.1	56.68
3	S.W. " special paystreak	12"	43.18	110.46
5	S.W. " shipment out of stopes		12.06	30.92 Ag.1.52
4	S.W. Cropping Gossan		1.0	No Value
6	N.E. Winze stope(Paplica)	14"	11.9	30.52
7	N.E. " " "	12"	13.2	33.82
8	N.E. " " "	9"	17.5	44.89
9	N.E. " " "	12"	18.43	47.28
10	S.W. Tun face and end Winz	18"	8.24	21.13

On stoping these ores due to the narrow vein or ore width an average of about 10% copper is to be expected, as about 1/3 of waste or wall rock will dilute the ore shipments,and this will add to the tonnage.

In all there are fully 900' of former development and exploration work done, in the Southwest workings and within the Northeast area, about 200' lineal feet, which can be classified as exploration.

AVAILABLE ORE; Ores now exposed in both sets of the workings, while not fully In Sight are so probable, that I feel justified in stating, that 300 to 400 tons of shipping grade, are now to be mined, by stoping on the exposed ores along the tunnel backs and in the Paplica stope.

Continuing the exploration of the veins from the now visible ore faces, should add a commercial quantity of ores of about the same general grade as per the above assay list, stoping dilution considered.

MINE DEVELOPMENT; To most rapidly explore for the continuation of the ore bodies, I suggest that the Winze sunk now about 35' below the N.E. tunnel floor, be deepened to the 100' or No. 2 level, and from the ends of this main winze, advance drifts along the vein.

A drift 500' from this winze to be driven Southwesterly should open other lenzes of highgrade copper, which as now exposed in the short stope on both ends of this winze, the ores are mostly primary Chalcopyrite of copper.

The Southwest tunnel heading should also be advanced towards the Northeast on the vein.

Six or seven hundred feet of drifting as above suggested, will no doubt place available much more ore.

Snyder Mine

MINE DEVELOPMENT; To provide safety and air circulation, it would be obligatory to sink and upraise a connection from No.2 drift to connect with the Northeast tunnel, some 50 to 100' southwesterly from the Main winze.

In all 600 to 700 lineal feet of new exploration work ,would be a reasonable advance to be made in extending the known limits of the ore shoots.

STOPING ; In order to contribute at once to our copper production,a back stope should be made within the Fault vein tunnel, as there is an indicated ore body nearly 75'long and from 1' to 2' in width now showing in the Northeast heading of the Fault Tunnel.

This would require the laying of some 250' of 8# T rail, and a minor amount of mucking. This track rail is on hand now laid in the lower Adit tunnel not in ore.

Ore stoping can also be carried on down the winze and back of the Southwest tunnel, from where the 12 tons were mined and sold last July; this shipment was settled for by the International Smelter on a copper content of 12.06 % an ore now worth $31.00 per ton.

Due to the highgrade nature of the Snyder ores, quick substantial returns can be expected, no rail freight and the smelter accepting 10 ton lots on the same settlement conditions as for a full carlot.

FINANCE REQUIRED; Other than some track rail and handsteel. there is not any equipment on the mine, and none owned by Mr Hughes and his associate (working basis) Mr Frank Perry.

For the purpose mainly to provide the small equipment needed, I estimate that $5,000. should place this small mine on a substantial ore production footing.

Purchase of used compressor, with 2 new air drills and all attatchments for same; an air Tugger Hoist for the winze, all installed, will require about .....$3,000.

For timbers lumber and general supplies .. 500.
Payrolls, Insurrance and all other legitimate items to carry the operation for 90 days ..... 1,500.

This mine is to be worked by Mr C.W. Hughes and Mr Frank Perry, both of Globe, Arizona. These men are of excellent reputation in this entire comunity, are well experienced in actual mining, and capable of intelligent management of the affairs covering a small mine operation.

COSTS; Per ton of the ores to be won from this Hughes Group, will be high due to the narrowness of the paystrakks about 2 tons of waste will have to be handled for each ton of ore won.However a cost of about $15. for each ton of shipping ore should cover a mining and indirect costs chargeable against the production, and as these ores have a settlement value of over $30. it seems apparent that a modest investment inversion, can be repaid and some profit won, from the carefull operation of this mine.

DEPARTMENT OF MINERAL RESOURCES

REPORT TO OPA ON ACTIVE MINING PROJECT

JUN 2 1945
PHOENIX, ARIZONA

Filing Information

File System.....

File No.....

This chart to be used for gallons of gasoline required per month.

Date May 29 1945

Name of Mine Snyder

Owner or Operator Frank L. Perry

Address Box 2054 Globe Ariz

Mine Location 4 miles east of Summit or 16 miles S. of Miami

PRESENT OPERATIONS: (check X)

Production ✓; Development ✓; Financing.....; Sale of mine.....;

Experimental (sampling) ✓; Owner's occasional trip ✓;

Other (specify).....

PRODUCTION: **Past and Future.** **Tons**

Approx. tons last 3 months .....

Approx. present rate per 3 months .....

Anticipated rate next 3 months .....

If in distant future check (X) here .....

EQUIPMENT OPERATED:

Type	Quantity or Horse Power	Miles ~~or Hours~~ Per Month	Gallons Required Per Month
Personal Cars			
Light or Service Trucks	80	1200	80
Ore Hauling Trucks			
Compressors			
Other Mine or Mill Eqpt.	Recommended for 3 mos 240 Gal		

SNYDER MINE

Gu

~~Gila~~ Pinal 4 - 4 T 1 S, R 14 E 1S 14E Sec. 19?

C. W. Hughes, F. L. Perry, Box 383, Globe '43

ARIZONA DEPARTMENT OF MINERAL RESOURCES

By A. MacFarlane

DEPARTMENT OF MINERAL RESOURCES

REPORT TO OPA ON ACTIVE MINING PROJECT

Date: April 7 / 45

Name of Mine: Snyder's Copper

Owner or Operator: Frank Perry

Address: P.O. Box 2054 Globe

Mine Location: Pinal County

Filing Information

File System:

File No.:

This chart to be used for gallons of gasoline required per month.

PRESENT OPERATIONS: (check X)

Production: ✓; Development: ✓; Financing: ; Sale of mine: ;

Experimental (sampling): ✓; Owner's occasional trip: ✓;

Other (specify):

PRODUCTION: **Past and Future.**

	Tons
Approx. tons last 3 months	000
Approx. present rate per 3 months	180
Anticipated rate next 3 months	180
If in distant future check (X) here	

EQUIPMENT OPERATED:

Type	Quantity or Horse Power	Miles or Hours Per Month	Gallons Required Per Month
Personal Cars			
Light or Service Trucks			
Ore Hauling Trucks			
Compressors	80	130 hrs	1000
Other Mine or Mill Eqpt.			

PRODUCT PRODUCED OR CONTEMPLATED: Name metals or minerals.

REMARKS:

This mine was idle for about 90 days but is now being started into production

ARIZONA DEPARTMENT OF MINERAL RESOURCES

By A. MacFarlane

June 4, 1943

Office of Price Administration
Gasoline Rationing Board
Globe, Arizona

Gentlemen:

Mr. C. W. Hughes and F. L. Perry, as partners, have obtained a $5000 RFC mine loan on the Snyder Group of mines located near Somerton, a distance of about 22 miles from Globe on the highway toward Superior.

This property has been examined and approved as to its' qualifications for a loan in order to speed up the production of copper. In all respects it is essential war work.

Until the mine operations and the camp are more fully established, it will be necessary for Mr. Perry to make probably three trips a week from Globe to the mine. In operations of this sort it is often necessary that trips for equipment and supplies be made to Phoenix.

We wish to certify to the essential nature of this work and feel as though Mr. Perry, who is one of the working partners and who will provide the transportation, is entitled to sufficient gasoline for about 1000 miles a month.

This Department has had its field engineers examine the property and has met with approval. In addition, we are well acquainted with both of the mine operators and feel as though they fully qualify as far as integrity and ability is concerned to get out added production.

I am glad of the opportunity to certify to this need, as we are trying to step up copper production and hope the allotment of gasoline can be granted without delay so as to assist in production.

Very truly yours,

J. S. Coupal, Director

JSC:kk