

PRINTED: 11/19/2001

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: LAURELLA

ALTERNATE NAMES:

YAVAPAI COUNTY MILS NUMBER: 281B

LOCATION: TOWNSHIP 10 N RANGE 5 W SECTION 24 QUARTER SE  
LATITUDE: N 34DEG 11MIN 30SEC LONGITUDE: W 112DEG 43MIN 21SEC  
TOPO MAP NAME: YARNELL - 7.5 MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY:

GOLD

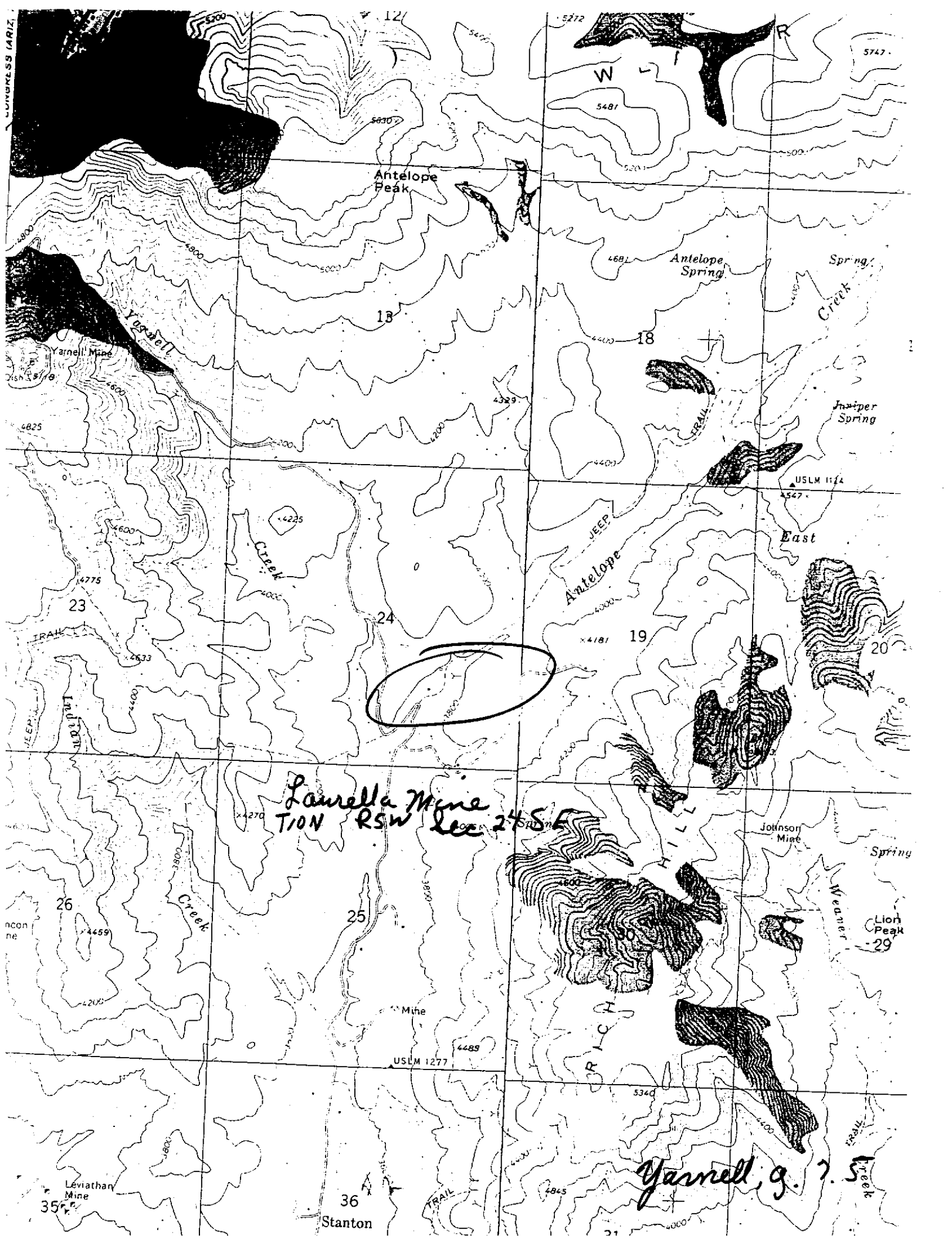
SILVER

COPPER SULFIDE

BIBLIOGRAPHY:

USGS YARNELL QUAD

ADMMR LAURELLA FILE



Laurella Mine  
TION RSW Sec 24 SE

Yarnell G. 7.5

36  
Stanton

35

ML-1 LAURELLA MINE G. D. Neill, Congress, Ariz.

Copy of Mine Owners Report covering property listed with the  
Department of Mineral Resources has been furnished to -

J. A. Fults, 126½ N. Ave. 50, Los Angeles, Calif.

Chas. E. Less, 240 N. Cliffwood Ave., Los Angeles, Calif.

DEPARTMENT OF MINERAL RESOURCES  
J. S. Coupal, Director

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
304 HOME BUILDERS BUILDING  
PHOENIX, ARIZONA

*10/11/40*



Mr. Guy D. Neill  
R.F.D. Stanton  
via Congress, Arizona

RETURN TO WRITER	
REASON FOR NON-DELIVERY CHECKED	
Unclaimed.....	Unknown.....
<i>25</i> .....	..... better address.....
Moved, Left no address.....	Refused.....
No such post office in state named.....	

May 27, 1957

LAURELLA

YAVAPAI COUNTY

No information on this property.

MARK GEMMILL

Laurella Property, Guy D. Neill, Stanton. Has recently shipped a car of ore to  
Phelps Dodge. At present idle hoping for partner to come in and assist in  
rebuilding his mill.

6-22-39

LAURELLA

YAVAPAI COUNTY

RRB WR 1/22/88: Visited SE $\frac{1}{4}$ , Sec 24 T10N R5W which was formerly promoted by Tracon International. It is now held by Mineral Basin Mining Inc, Carl Barnt, President, 427-3568. Mr. Barnt reported that a placer operation is being developed for the property. He also reported that Mineral Basin Mining was operating a small placer at the Octave.

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3 September 1940

Mr. G. D. Neill,  
c/o Octave Star Route,  
Congress, Arizona.

My dear Mr. Neill:

In the absence of Mr. J. S. Coupal, I am taking the liberty of acknowledging receipt of your letter of August 19.

I shall be glad to call this letter to Mr. Coupal's attention at the first opportunity, and I am sure that he will be pleased to learn that you have leased the Laurella.

I also think that he would be most pleased to learn to whom you leased the property, and any information you may wish to give him will be appreciated.

Yours very truly,

Jess R. Fickas  
Secretary to Mr. Coupal

jrf

8/19/40

Dear Mr. Coupal - Since you  
were here sometime ago, we  
leased the Laurella claim  
and at present have out  
over 30 ton of good ore  
and getting ready to ship  
same by Aug. 24<sup>th</sup>. If  
its at all possible for  
you to take a run up here  
before that date I would  
like to have you see it.  
also the assay sheets, <sup>taken</sup> from  
time to time =

Very Truly,  
G. D. Neill

9 Octave Street

Amherst, Mass



GENERAL REFERENCES

REFERENCE 1 F1 < US&M - AB&MT F1 (MTX) >

REFERENCE 2 F2 < MILLS LOCATION DATA >

REFERENCE 3 F3 < >

REFERENCE 4 F4 < >

# 2818

U.S. CRIB-SITE FORM

RECORD IDENTIFICATION

RECORD NUMBER B10 < > RECORD TYPE B20 < X.I.M. > DEPOSIT NUMBER B40 < >

REPORT DATE G1 < 8.1.1.1 > INFORMATION SOURCE B30 < 1.2 > FILE LINK IDENT. B50 < US&M-004 025 1269 >

REPORTER(SUPERVISOR) G2 < DEWITT, ED. H. > (last, first, middle initial) (last, first, middle initial)

REPORTER AFFILIATION G6 < AB&MT > SITE NAME A10 < LAURELLA MINE >

SYNONYMS A11 < >

LOCATION

MINING DISTRICT/AREA A30 < RICH HILL DISTRICT >

COUNTY A60 < YAVAPAI > STATE A60 < A.Z. > COUNTRY A40 < U.S. >

PHYSIOGRAPHIC PROV A63 < 1.2.3. >

DRAINAGE AREA A62 < 1.5.0.7.0.1.0.3. >

QUADRANGLE NAME A90 < YARNELL (19.69) > LAND STATUS A64 < 0.0.0. >

SECOND QUAD NAME A92 < > QUADRANGLE SCALE A100 < 24.0.0.0. >

ELEVATION A107 < 38.0.0. > SECOND QUAD SCALE A91 < >

UTM ACCURACY GEODETIC

NORTHING A120 < 3.7.8.4.5.5.0 > ACCURATE ACC (circle) LATITUDE A70 < >

EASTING A130 < 3.4.1.3.0.0 > ESTIMATED EST < MILLS LOCATION DATA ONLY > LONGITUDE A80 < >

ZONE NUMBER A110 < 1.2 >

CADASTRAL

TOWNSHIP(S) A77 < 0.1.0.N. > RANGE(S) A78 < 0.0.5.W. >

SECTION(S) A79 < 24 >

SECTION FRACTION(S) A76 < SW OF NE OF SE >

MERIDIAN(S) A81 < GILA AND SALT RIVER >

POSITION FROM NEAREST PROMINENT LOCALITY A82 < 2.5 MILES SOUTHEAST OF YARNELL, ARIZONA >

LOCATION COMMENTS A83 < UTM COORDINATES TO MIT ON SOUTHERST SIDE OF ANTELOPE CREEK. >

\* ESSENTIAL INFORMATION

\* ESSENTIAL SOMETIMES OR HIGHLY RECOMMENDED

GENERAL COMMENTS

AGE OF HOST ROCK(S) K12 METABASITE, METAMORBOSITE SLATE SCHIST : ANDERSON, DIOCLITE  
 AGE OF IGNEOUS ROCK(S) K13 B.T. I.T.E.R.T. R. UNDATED, P. UNDATED, P. UNDATED, P. UNDATED, P. UNDATED, P. UNDATED  
 AGE OF MINERALIZATION K14 I.T.E.R.T. R. UNDATED, P. UNDATED, P. UNDATED, P. UNDATED, P. UNDATED, P. UNDATED  
 PRESENT MINERALS (NOT ORE) K15 QUARTZ  
 ORE CONTROL/LOCAL K16 FALTINGS, SHEALING, IGNEOUS AGILITY  
 MAY REQ TRENDS/STRUCT K17 EXPOSITION IN PECTAMORPHIC LOCAL TRENDS N TO E TO N-S  
 TECTONIC SETTINGS K18 VENUS FAVORABLE METALIC DIKES WHICH TEND TO BE MORE THAN 40 DEGREES  
 SIGNIFICANT ALTERATION K19 NONE  
 PROCESS OF CONC/ENRICH K20 OXIDATION AT DEEP SURFACE  
 FORMATION AGE K21 I.T.E.R.T. R. UNDATED, P. UNDATED, P. UNDATED, P. UNDATED, P. UNDATED, P. UNDATED  
 FORMATION NAME K22 I.T.E.R.T. R. UNDATED, P. UNDATED, P. UNDATED, P. UNDATED, P. UNDATED, P. UNDATED  
 IGNEOUS UNIT AGE K23 I.T.E.R.T. R. UNDATED, P. UNDATED, P. UNDATED, P. UNDATED, P. UNDATED, P. UNDATED  
 IGNEOUS UNIT NAME K24 I.T.E.R.T. R. UNDATED, P. UNDATED, P. UNDATED, P. UNDATED, P. UNDATED, P. UNDATED  
 SECOND UNIT AGE K25 I.T.E.R.T. R. UNDATED, P. UNDATED, P. UNDATED, P. UNDATED, P. UNDATED, P. UNDATED  
 SECOND UNIT NAME K26 I.T.E.R.T. R. UNDATED, P. UNDATED, P. UNDATED, P. UNDATED, P. UNDATED, P. UNDATED  
 SECOND UNIT AGE K27 I.T.E.R.T. R. UNDATED, P. UNDATED, P. UNDATED, P. UNDATED, P. UNDATED, P. UNDATED  
 SECOND UNIT NAME K28 I.T.E.R.T. R. UNDATED, P. UNDATED, P. UNDATED, P. UNDATED, P. UNDATED, P. UNDATED  
 IGNEOUS UNIT AGE K29 I.T.E.R.T. R. UNDATED, P. UNDATED, P. UNDATED, P. UNDATED, P. UNDATED, P. UNDATED  
 IGNEOUS UNIT NAME K30 I.T.E.R.T. R. UNDATED, P. UNDATED, P. UNDATED, P. UNDATED, P. UNDATED, P. UNDATED  
 DEPOSIT 5 BURIED VEIN UNITS WITH DIKES METAMORPHIC LOCALS. VENUS LOCATED ALONG  
 DEPOSIT 5 BURIED VEIN UNITS WITH DIKES METAMORPHIC LOCALS. VENUS LOCATED ALONG

GEOLOGY

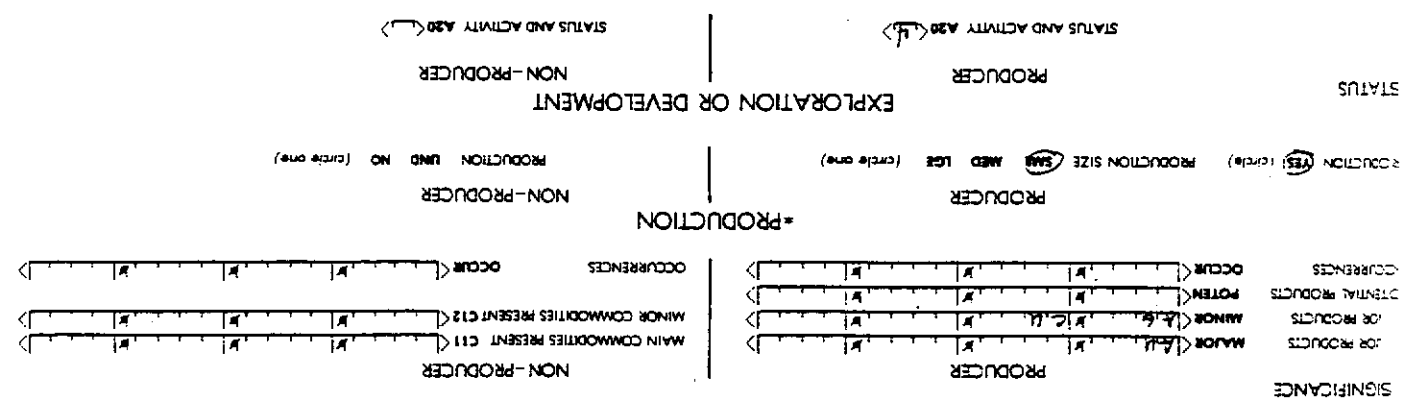
WORKING ONE: SURFACE M120 UNDERGROUND M130 (circle one)  
 DEPTH BELOW SURFACE M140 UNITS M161  
 LENGTH OF WORKINGS M170 UNITS M171  
 DESC OF WORK. COM. M220 ADIT TRENDS E-W  
 OVERALL LENGTH M190 UNITS M191  
 OVERALL WIDTH M200 UNITS M201  
 OVERALL AREA M210 UNITS M211

DESCRIPTION OF WORKINGS

DEPOSIT TYPE(S) C40 VEIN  
 DEPOSIT FORM/SHAPE M10 THICKNESS  
 DEPTH TO TOP M20 UNITS M21  
 DEPTH TO BOTTOM M30 UNITS M31  
 DEPOSIT SIZE M15 SMALL M16 MEDIUM M17 LARGE (circle one)  
 THICKNESS M70 UNITS M71  
 DIRECTION OF PLUNGE M100 UNITS M101  
 DESC. COMMENTS M110 DEPOSIT MAY NOT BE ASSOCIATED WITH DIKES

DESCRIPTION OF DEPOSIT

DISCOVERER L20  
 YEAR OF DISCOVERY L10 YEAR OF FIRST PRODUCTION L30 1936 YEAR OF LAST PRODUCTION L40 1939  
 PRESENT/LAST OPERATOR A12 P. NEU  
 PRESENT/LAST OWNER A13 P. NEU  
 XP. DEV. COMMENTS L110



COMMODITY INFORMATION

COMMODITIES PRESENT C10  
 PRESENT/LAST OPERATOR A12  
 PRESENT/LAST OWNER A13  
 YEAR OF DISCOVERY L10  
 YEAR OF FIRST PRODUCTION L30  
 YEAR OF LAST PRODUCTION L40  
 COMMODITY SUBTYPES C41  
 SEN. ANALYTICAL DATA C45  
 COM. INFO. COMMENTS C50

DEPARTMENT OF MINERAL RESOURCES

News Items

Date June 23, 1939

Mine Laurella Group

Location Weaver Dist. Antelope Crk.

Owner Guy D. Neill & Assoc.

Address Stanton via Congress

Operating Co. Selves

Address

Pres.

Genl. Mgr.

Mine Supt.

Mill Supt.

Principal Metals

Men Employed

Production Rate

Mill, Type & Capacity

Power, Amt. & Type Small mill & portable

compressor.

Signed Carl G. Barth, Jr.

(Over)

5

Present Operations

Revising Mill

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

New Work Planned

\_\_\_\_\_

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\_\_\_\_\_

\_\_\_\_\_

Misc. Notes

Recently shipped 54 tons car

to Phelps Dodge

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DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

Mine *Laurella* Date *July 1<sup>st</sup> 1939*  
District *Weaver Mining Dist* Location *Weaver Mining Dist*  
*2 miles N. E. of Stanton*  
Former name  Address *Congress, Ariz -*  
Owner *G. D. Neill* Address *Octave Star Rt.*  
Operator  Gen. Mgr. *G. D. Neill.*  
President  Mill Supt.   
Mine Supt.  Men Employed   
Principal Metals *Gold, Silver, Copper* Mill: Type & Cap. *10 ton Ball mill*  
Production Rate *2 1/2 tons - 3 men*  
Power: Amt. & Type *Electric (Boulder Dam ultimately)*  
Operations: Present *Development*

Operations Planned *Gravide plant*

Number Claims, Title, etc. *(Five) with good home or camp -*  
*Also small 1 room cabin for <sup>work</sup> men -*

Description: Topog. & Geog. *Vertical vein 3 ft quartz in*  
*drift, several Royelite dykes N. & S. vein*

Mine Workings: Amt. & Condition *50 ft shaft, 30 ft drift N. & S*  
*ore stoped out to surface.*

Geology & Mineralization

Schist Belt  $\frac{1}{2}$  mile wide  
between two granite mountains  
all highly mineralized gold & silver.

Ore: Positive & Probable, Ore Dumps, Tailings

Mine, Mill Equipment & Flow Sheet

Hoist, Compressor, drills, 10  
ton mill, plate, table, crusher etc.

Road Conditions, Route

Good road to mine

Water Supply

Water in two creeks.

Brief History

Shaft sunk in 1907, ore taken to  
congress mill.

Special Problems, Reports Filed

Remarks

assays from  $\frac{1}{2}$  oz to 3  $\frac{85}{100}$  gold.  
1 oz silver per ton.

If property for sale: Price, terms and address to negotiate.

Sale price \$15,000

Bond and Lease.

{Unable to continue due to my age.}

Signed

G. D. Neill

Use additional sheets if necessary.

Congress, Ariz.  
Via Octave St. R.F.

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

Date July 1, 1939 (8-13-40)

1. Mine Laurella
2. Mining District & County Weaver Mining Dist.
3. Former name
4. Location 2 miles N.E. of Stanton
5. Owner G. D. Neill
6. Address (Owner) Congress, Ariz.
7. Operator
8. Address (Operator) Octave Star Rt.
9. President
10. Gen. Mgr. G. D. Neill
11. Mine Supt.
12. Mill Supt.
13. Principal Metals Gold, Silver, Copper
14. Men Employed 3 men
15. Production Rate 2-1/2 tons
16. Mill: Type & Cap. 10 ton ball mill
17. Power: Amt. & Type Electric (Boulder Dam ultimately)
18. Operations: Present Development
19. Operations Planned Cyanide plant
20. Number Claims, Title, etc. Three with good small 1 room cabin for workman.
21. Description: Topography & Geography Vertical vein 3 ft. quartz in schist - several rhyolite dykes N & S vein
22. Mine Workings: Amt. & Condition 50 ft. shaft - 30 ft. drift N & S ore stoped out to surface.

23. Geology & Mineralization Schist belt 1/2 mile wide between two granite mountains - all highly mineralized gold and silver.

24. Ore: Positive & Probable, Ore Dumps, Tailings

24-A Vein Width, Length, Value, etc.

25. Mine, Mill Equipment & Flow Sheet Hoist, compressor, drills, 10 ton mill, plate, table crusher, etc.

26. Road Conditions, Route Good road to mine

27. Water Supply Water in two creeks

28. Brief History Shaft sunk in 1907. Ore taken to Congress mill.

29. Special Problems, Reports Filed

30. Remarks Assays from 1/2 oz. to 3-85/100 gold. 1 oz. silver per ton

31. If property for sale: Price, terms and address to negotiate. Sale price \$15,000. Bond and lease.  
(Unable to continue due to my age).  
Mine now being worked by leasers and is subject to sale by a 30 day notice.  
Price also may change as development proceeds.

32. Signed.....G. D. Neill  
Congress, Ariz. via Octave Star Rt.

33. Use additional sheets if necessary.



30 ML-

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine *Laurella*  
District *Weaver*  
Former name *-*  
Owner *G. D. Neill*  
Operator  
President  
Mine Supt.  
Principal Metals *Gold, Silver, Copper*  
Production Rate  
Power: Amt. & Type  
Operations: Present

Date *Dec. 23, 1939*  
Engineer  
Location *2 mi. nr. of Stanton  
7 mi east of Congress*  
Address *Stanton via*  
Address *Congress, Ariz*  
Gen. Mgr.  
Mill Supt.  
Men Employed  
Mill: Type & Cap.  
*Test Mill of  
10 tons capacity*

*None*

Operations Planned

*Further development*

Number Claims, Title, etc.

*5. Possessory Title  
Small Comp.*

Description: Topog. & Geog.

*At junction of Yarnell & Antelope Creeks.*

Mine Workings: Amt. & Condition

*50' shaft 60' drifts  
stopped to surface*

Geology & Mineralization

N-5 vein, Quartz in / oropau schist  
Vertical width 3 feet Pyrite  
& Chalcopyrite

Ore: Positive & Probable, Ore Dumps, Tailings

None

Mine, Mill Equipment & Flow Sheet

Gas Driven Hoist & Compressor  
Ball Mill & Table

Road Conditions, Route

7 miles east from Congress to Stanton  
thence 2 miles north along Antelope Creek

Water Supply

Antelope Creek.

Brief History

Special Problems, Reports Filed

A good prospect

Remarks

Small shipments assayed  $\frac{1}{2}$  - 3 oz  
Gold.

If property for sale: Price, terms and address to negotiate.

\$ 15,000 Bond & Lease, Terms.

Signed

Carl G. Burt

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Date Dec. 23, 1939

Mine Laurella

Engineer Carl G. Barth, Jr.

District Weaver

Location 2 miles N. of Stanton, 7 miles  
east of Congress

Former name

Owner G. B. Neill

Address Stanton via Congress, Ariz.

Operator

Address

President

Gen. Mgr.

Mine Supt.

Mill Supt.

Principal Metals Gold, silver, copper

Men Employed

Production Rate

Mill: Type & Cap.

Test mill of 10 tons capacity

Power: Amt. & Type Gasoline engine

Operations: Present

None

Operations Planned Further development

*Work out*

Number Claims, Title, etc. 5 - Possessory title.  
Small camp.

Description: Topog. & Geog. At junction of Yarnell & Antelope Creeks.

Mine Workings: Amt. & Condition 50' shaft 60' drifts  
Stoped to surface

Geology & Mineralization

N-S vein, quartz in Yavapai schist  
Vertical width 3 feet pyrite  
& chalcopyrite

Ore: Positive & Probable, Ore Dumps, Tailings None

Mine, Mill Equipment & Flow Sheet

Gas driven hoist & compressor  
Ball mill & table.

Road Conditions, Route

7 miles east from Congress to Stanton, thence 2 miles  
north along Antelope Creek.

Water Supply

Antelope creek.

Brief History

Special Problems, Reports Filed

Remarks

A good prospect  
Small shipments assayed 1/2 - 3 oz. gold

If property for sale: Price, terms and address to negotiate.

\$15,000 Bond & lease, terms

Signed..... Carl G. Barth, Jr.

Use additional sheets if necessary. Separate sheets on each problem.