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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: DISTAFF

ALTERNATE NAMES:

DISTAFF CHLORIDE

MOHAVE COUNTY MILS NUMBER: 117B

LOCATION: TOWNSHIP 23 N RANGE 18 W SECTION 3 QTR. NE
LATITUDE:N 35DEG 25MIN 00SEC LONGITUDE:W 114DEG 11MIN 14SEC
TOPO MAP NAME: CHLORIDE - 7.5 MIN

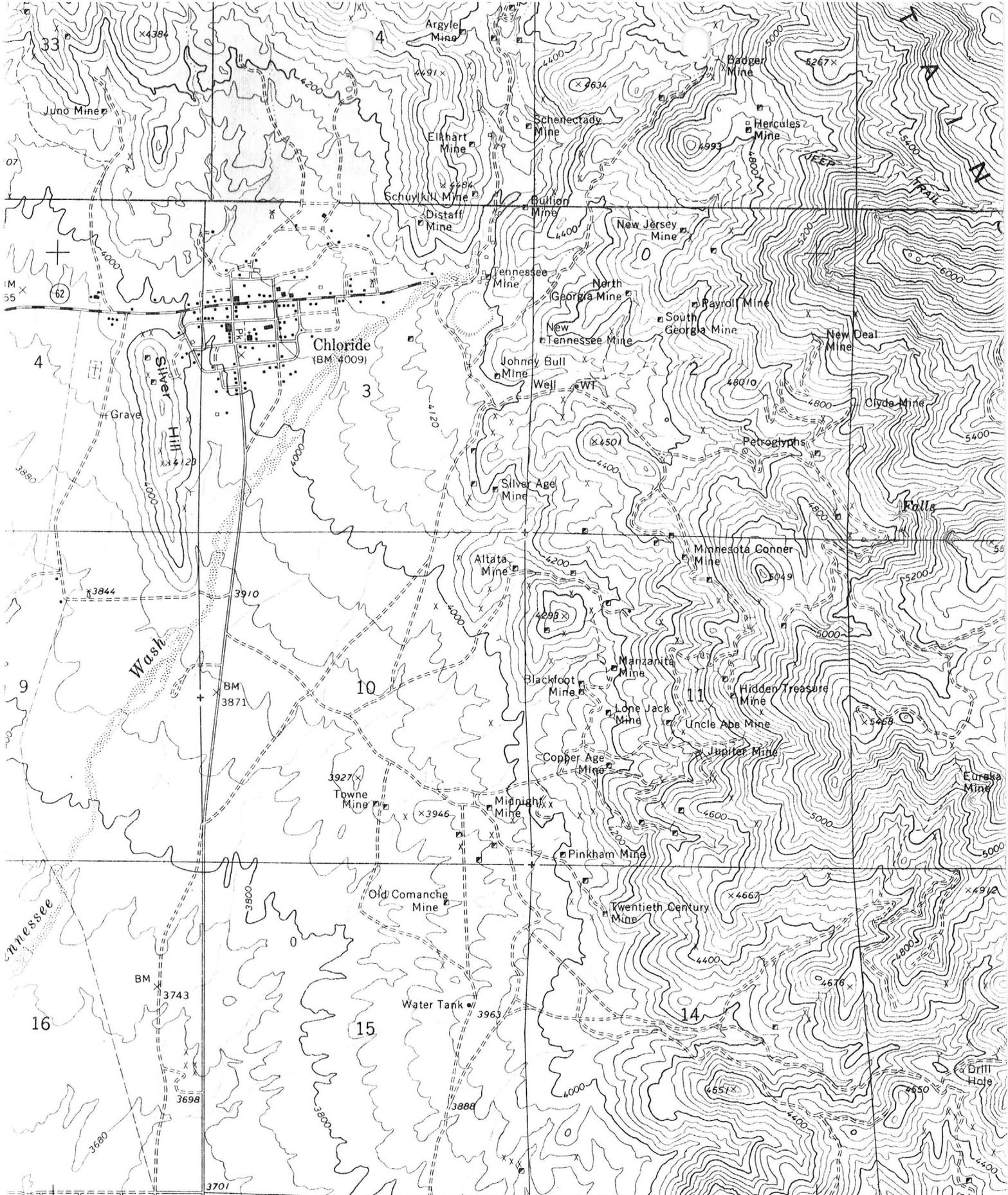
CURRENT STATUS: PAST PRODUCER

COMMODITY:

SILVER-PRIMARY
SILVER-(M)NATIVE-PRIMARY
LEAD-(M)SULFIDE-COPRODUCT
COPPER-(M)SULFIDE-BYPRODUCT
ZINC-(M)SULFIDE-BYPRODUCT
GOLD-(M)LODE-BYPRODUCT
IRON-(M)SULFIDE-BYPRODUCT

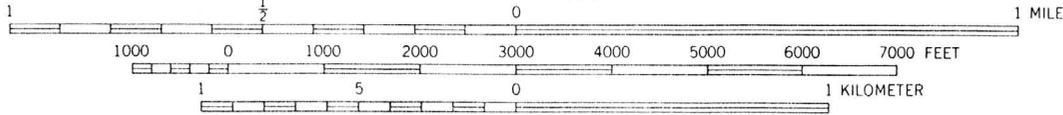
BIBLIOGRAPHY:

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ADMR MOHAVE CUSTOM MILL PROJ. CARD FILE
ADMR DISTAFF MINE FILE
BASTIN, E.S., USGS BULL 750, P. 19-20
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WILLIS, G., AZ. MGN. JRNL. AUG. 1920, P.13&31
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(CERBAT)
3154 1 SW

SCALE 1:24 000



CONTOUR INTERVAL 40 FEET

NAME: DISTAFF

COUNTY: MOHAVE

1/5 mile W of Tennessee.

T 23 N R 18 W SEC. 3 Elev. 4250

DISTRICT: CHLORIDE
WALLA PAI

24

34 SE 1/4 Hom

Mineralization: vein 2'-3' vert NS str. Cons. 100-150' ~~Native Ag~~ - 200-250' vert.

Cu Pb Zn Au Ag

Geology: w Rich Gneissic granite

Type Operation: ① 285' ② 240' levels 100, 200 & 250' water at 220' below collar.

Production: ① 200,000 ② 93,000 lb., 55,853 lb. Ag, 1392 lbs Cu + 140,000 Pb

References: ① A-2 MJ - 8/1920 ② Mohave Co. memo / USGS 750B P. 19
USGS Bull. 397
Clipping file

Mohave County Card File

RH

Alta: P's reference
& cross reference

8-21-79

Distaff Mine was recently purchased from trustees of the Arthur Black estate and from Mr. and Mrs. C. Pat Paterson by John B. Rothermel Jr and Richard Genova, 6012 N. 47 Drive, Glendale, Arizona 85301.

Distaff consists of two claims, the Distaff and Chester

All levels below tunnel level are under water. Main shaft is 300' deep with short levels at 200' and 250'.

John B. Rothermel Jr.

Distaff near Chbride
Wallapai Mining District
Mohave County
Sec 3, T23N, R18W
Sec 34, T24N, R18W

State of Arizona
Bureau of Geology and Mineral Technology

Geological Survey Branch
845 N. Park Ave., Tucson, Arizona 85719
(602) 626-2733



August 3, 1979

Mr. John B. Rothermel, CE
6650 N. 46th Drive
Glendale, AZ 85301

Dear Mr. Rothermel:

Enclosed is the requested xeroxed information
regarding the Distaff Mine.

I hope this information will prove useful to you.

Sincerely,

Tom McGarvin

Tom McGarvin,
Research Assistant

TM/wdn
Enclosures

DISTAFF (Chloride)—Lessees have plant at lower end of dump and are con- a crushing rated a crushing ores. Concrete high in zinc, carrying, \$200 in silver, is obtained.

Button & Co. are preparing to ship a rich car from Distaff, Chloride. This is Charley Sherman's treasure vault, his bank.

Buttons are cleaner on the old Distaff is doing good work and piling out the concentrates.

Mohave Miner: Lessees on the old Distaff mine, at Chloride, are making good money. A crushing plant has been put in at the end of the dump and the lower grades of ore are being crushed and concentrated. Big results are being secured from these low grade ores, which heretofore have gone into the dumps. From the mine it is reported, a zincy ore is being taken that runs \$200 to the ton in silver. As work goes on the mine shows better values and more permanent ore bodies. The mine has been working intermittently since the early seventies and all lessees have made money.

Mohave Miner: The Distaff mine, near Chloride, now under option to purchase to John Campbell, is being actively exploited with exceedingly favorable results. Machine drills have recently been installed and the main working shaft will be rapidly driven down. And drifts will also be advanced on the lowest level. The general average value of the gold, silver and lead is \$70 per ton though considerable of the ore, in car load lots, has returned over \$100 per ton. Mr. Campbell was one the big Goldfield mine managers when some of the mines were yielding \$100,000 per day.

The Distaff has a car of high-grade silver ore ready for shipment to the smelter. A new stringer of very rich ore has been opened up. Samples show several thousand ounces of silver per ton. 6-19-20

E. F. CAMPBELL HAS BOND AND LEASE ON CHLORIDE DISTAFF

Krugman
E. F. Campbell has taken a bond and lease on the old Distaff mine, at Chloride, from Mrs. Charles E. Sherman and expects to soon have that property in operation. He will be associated with excellent people in the development of the mine and the interests will be on the ground within the month.

App
The Distaff mine was one of the richest silver properties in the Chloride field, aside from the Old Minnesota, hundreds of tons of ore having been shipped from it to the mills and smelters. During the early days of the camp the property was owned by W. B. Ridenour of Hackberry under the name of the Independence. He and others took out considerable ore, but the big tonnage was later taken from depth by the owner and lessees. Some of the specimens taken out were solid silver, running ninety per cent in the white metal, and the shipping ore ran well up in the hundreds of dollars to the ton. With development at depth we believe it will be one of the big producers of Chloride.

OLD DISTAFF MINE IS BEING UNWATERED

Distaff
The Distaff is being unwatered and Charley Sherman, its owner, will soon be at work in the bottom, taking out ore as of old. The Distaff is one of the old high grade producers of the district immediately adjacent to the town and townspeople are anxious to see it again become active. It lies in the vicinity of the Tennessee and Schuylkill and has been noted for the richness of its silver ores.



141-51-8-11

NAME OF MINE: DISTAFF

COUNTY: MOHAVE W
DISTRICT: CHLORIDE
METALS: PB, ZN

OPERATOR AND ADDRESS:

MINE STATUS

DATE:

DATE:

Jack P. Taylor
Arthur F. Black
Box 230, Kingman

3/1/44 Closed

8-21-79

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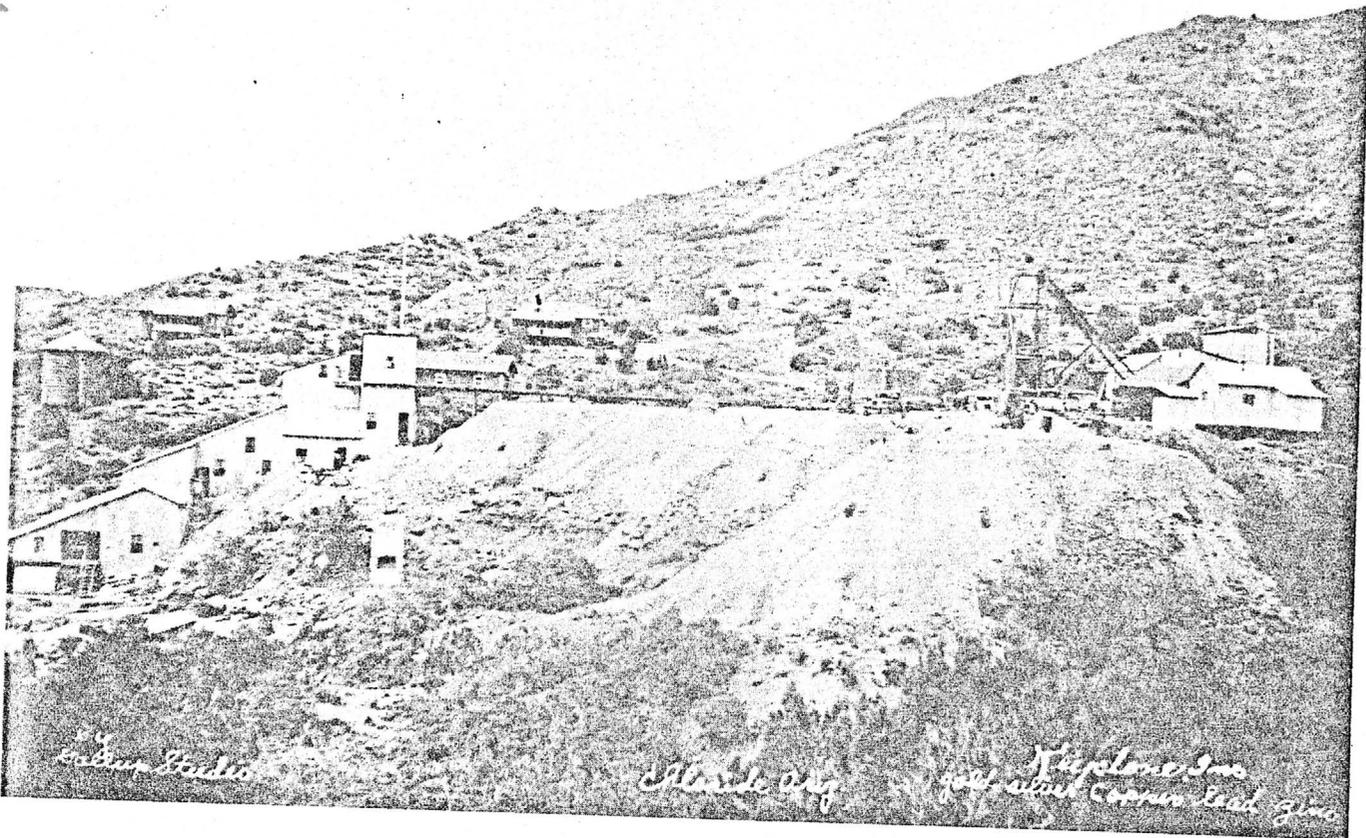
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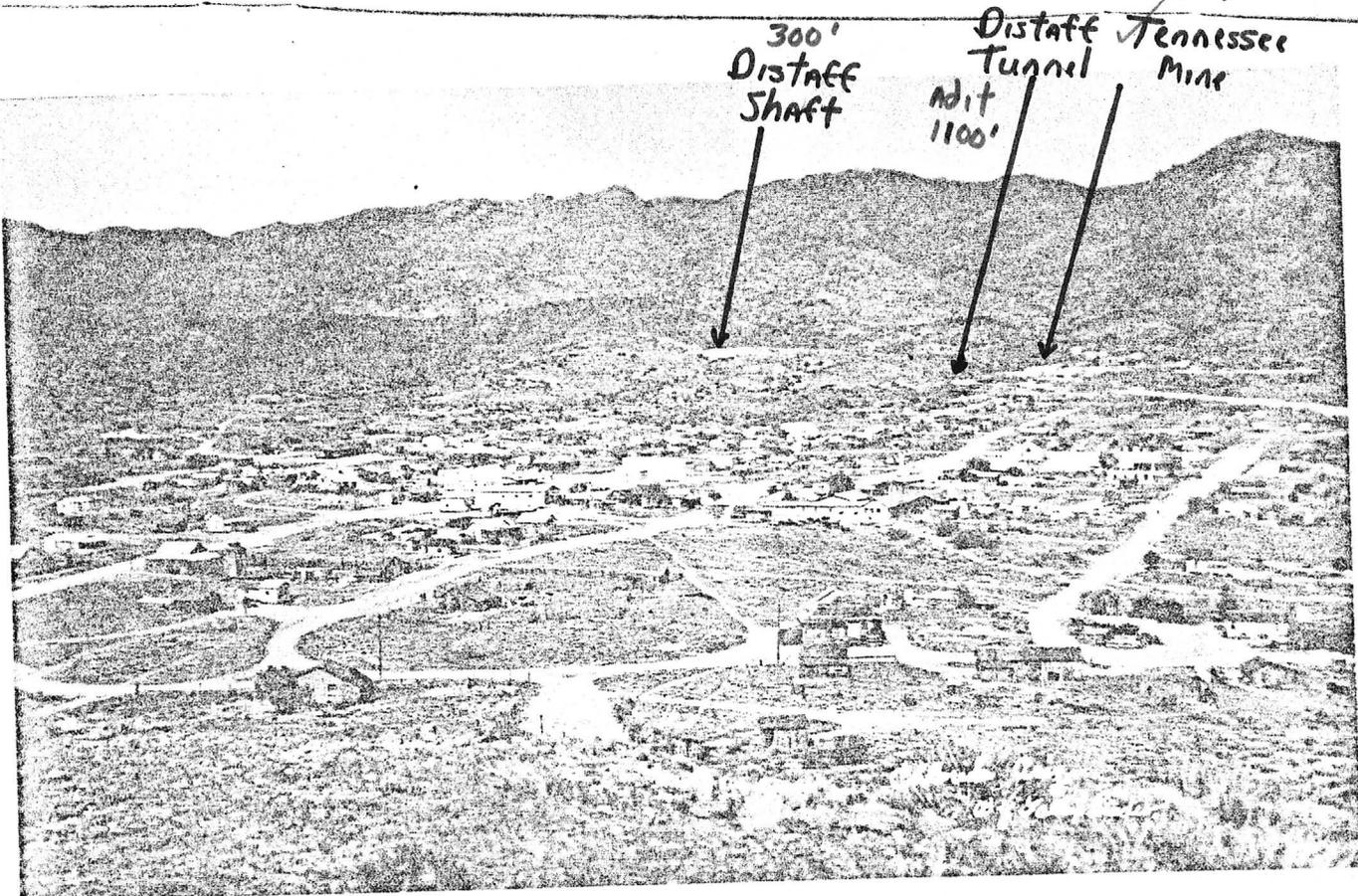
John B. Rothermel Jr.

DATE ~~8-21-1979~~
8-21-1979

Distaff near Chloride
Wallapai Mining District
Mohave County
Sec 3, T23N, R18W
Sec 34, T24N, R18W



"Keystone Mine and Mill" were situated three miles south of Chloride. It produced high grade ore in the early days.



A partial view of Chloride with the Cerbat Mountains in the background. This photograph and the others, starting with the "cafe-bar", all depict 1939 scenes of Chloride. The photography is by Roy Gallup, who operated a local photographic studio.

Woods

Tunnels 100 ft -

Raise

Stake

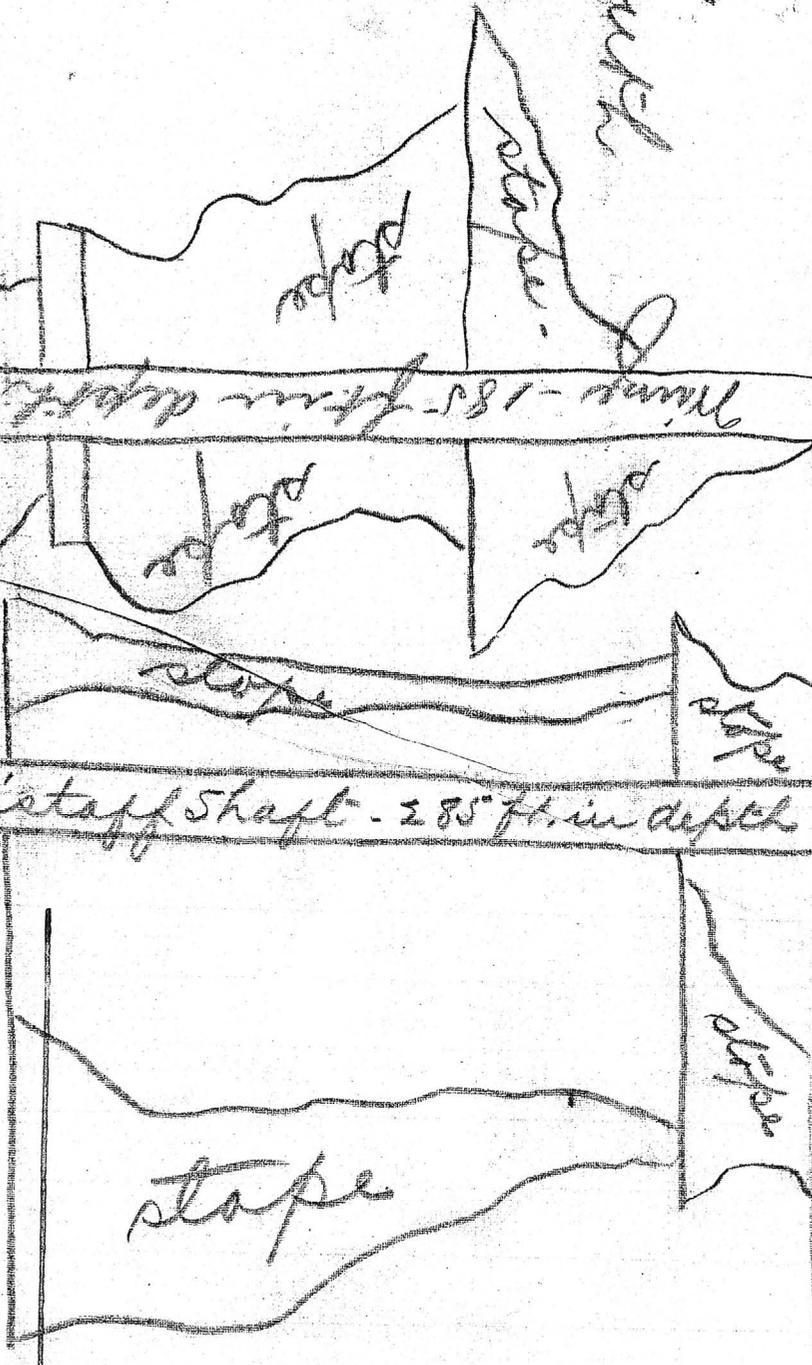
Raise

Engine House

Shaft 75 ft

Woods

Woods



100 ft
Stake
Slope

80 ft
Stake
Slope

Tunnel - 185 ft in depth

Distaff shaft - 285 ft in depth

Drumshafts work on Distaff and Cheston mines

R E P O R T
o n
T H E D I S T A F F M I N E ,
C H L O R I D E A R I Z O N A .

A R E A

The Distaff Group consists of two locations, each six hundred feet wide by fifteen hundred feet long, containing approximately 40 acres, making a continuous length of (3000) three thousand feet.

T I T L E

The title to the property is direct from the United States Government and there is no disputed ground within the boundaries of the two locations.

C H A R A C T E R O F V E I N S A N D O R E S

The character of the veins and ores of the Distaff are as follows: The vein system consists of three veins paralleling each other in a belt or zone, highly mineralized, from five to six hundred feet in width, situated between two dyke systems, one on the eastern and the other on the western boundary of the zone, the western dyke being the foot wall, the eastern the hanging wall of this mineralized zone. The strike of the veins and dykes have a northerly and southerly trend with a dip or pitch of about 70 degrees to the east. The west vein is the only one of the three that has been developed to any extent. The ore is continuous throughout the vein, as it contains no discouraging barren spaces, but high grade, phenomenally rich ore bodies have been encountered, from which \$250,000 to \$300,000 worth of ore has been shipped. The mine has been worked principally by leasurers, no ore having been shipped of a less value than one hundred dollars per ton and up to seven thousand. The ores carry lead, zinc, gold, silver and copper, and are classed as base ores. They contain a great value in ruby, native silver, and black sulphides.

O R E I N S I G H T .

There is estimated to be six thousand tons of ore on the dump and in the drifts of the mine, two thousand of which is on the dumps and

four thousand in the drifts in the mine, mined and ready for the hoist. This estimate is very conservative, both in quantity and value, which would give a value of seventy-five thousand dollars at \$12 50 per ton. Many thousands of tons are yet in sight in the mine to be broken down. There are twelve distinct ore bodies in the property already discovered, and, as depth is attained, they are very materially lengthening and widening, with their values increasing.

The ores mined in the drifts and on the dumps can be concentrated into a product of ten to one, which will be one hundred and twenty-five dollars per ton for concentrates. Water taken from the mine can be used for the concentration of the ores.

DEVELOPMENT WORK.

The development consists of two shafts, four levels, one tunnel and one winze. The main shaft three hundred feet in depth, No. 2 down 125 feet in depth to tunnel level. The levels are 50, 120, 200, 250, the winze 200 feet, tunnel 1,100 feet, 700 feet in to main shaft and 400 feet beyond the shaft, at a depth of 150 feet below the surface. A cross-cut has been driven to vein No. 2 which is three feet wide and showing up good values.

PROSPECTIVE VALUE.

The prospective value of this property is very great and the consensus of opinion of miners in this district is that large, high grade ore bodies will be encountered as depth is attained, and they have good reason for such belief, as the properties adjoining and hardby, such as the Tennessee and others, have proven this beyond the pale of a doubt, and, in view of these facts, it would be considered advisable to sink a deep shaft at such a point on this property as would give depth and access to these three veins to at least a depth of seven hundred feet. The expenditure required to do this, and thus prove up the property, would not be excessive, and is warranted by the conditions presented.

The showing justifies this recommendation, as this property is one of the most attractive of the Chloride district and is worthy of full exploitation of the ore bodies that, no doubt, exist in depth.

GEOLOGICAL CONDITIONS.

The country rock is a pre-cambrian gneiss, graduating into a granitoid porphyry, the veins containing gold, silver, lead, zinc and copper. The native silver is almost invariably due to oxidizing surface processes acting on primary argentiferous sulphides, a class of silver bearing veins of which many examples are found in other states and Mexico, in granite rocks and accompanied by porphyries consolidated at considerable depth.

TRANSPORTATION.

The Atchison, Topeka & Santa Fe Railroad is constructed within 200 feet of the property.

ALTITUDE

The altitude of the property is about 4,500 feet above sea level, the climate healthful.

Respectfully submitted,

(Signed) Charles C. Seawell, M. E.

Chloride, Arizona, May 21st, 1916.

++ Report --
on

"Abilene and Oversight"
Mining Claims -
situated in (Kearney dist-
Ariz -

The Abilene and Oversight mining claims are two large fractions. The Abilene being almost a full claim, while the Oversight is somewhat smaller. Both claims are about 1500 feet in length - running in a north-
-erly and southerly direction while in width they are somewhat irregular, being all the way from 600 feet to 300 feet in places. No actual survey has as yet been made on this property and in consequence the above measurements, especially those of width, must be considered as approximate ones.

2

These claims side line the Distaff
Chloride Company's property on
the west, and also side line
the property of the Tennessee,
Schuylkill and Eckhart on the
east. No fractions whatever exist
between the Abilene and Oversight
and the above mentioned mines.
The Abilene on the south also
end lines the Great Lead Mining
claim, owned by the Tennessee
Co. The formation of these two
claims is similar to that of
its adjoining neighbors - namely -
the Tennessee, Schuylkill, Eckhart
and Distaff and is largely com-
posed of gneiss and granite
porphyry - a large vein known
as the "great lead" - originating
on a claim of the same name,
and from which the Tennessee
Co. have extracted a large
tonnage of high grade ore.

3

crosses the South end line of the Abilene (shown in enclosed diagram) and continues its way northward throughout the entire length of the Abilene and of the Oversight as well. - No development work of any material significance has been performed upon these two claims altho, fair values have been found in shallow location holes &c; where a little work has been done. - About 500 feet north from the South end line of the Abilene (shown in diagram) there is apparently a cross vein, about three feet in width - running in an Easterly and Westerly direction and intersecting the "great lead" - It is contemplated by the Dittorf Chloride Co. - who have purchased the Abilene and Oversight - to drive a cross cut tunnel from

4

The Distant shaft in an East-
-erly direction, or approximately
to the point where this inter-
-section takes place, — and
by so doing the possibilities of
encountering good values would
be extremely favorable. —

In summary, the Abilene and
oversight mining claims provided
a most valuable acquisition
to the mineral holdings of the
Distant Chloride Mining Co. — not
only on account of their surface
showing alone but for their
favorable proximity to the
most prominent veins of
the camp. —

D. J. Gasham
Chloride
Ariz

Oct-18-16.

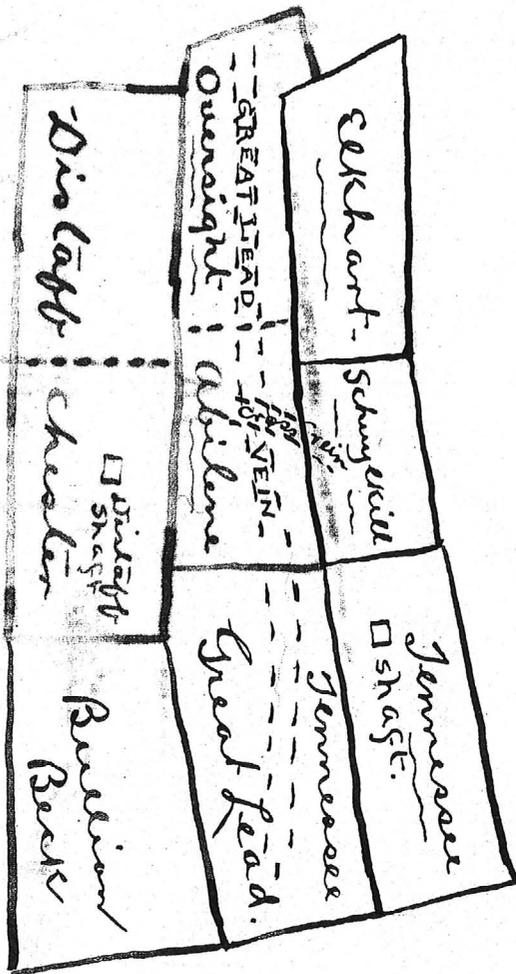


Diagram - showing
 some of the leading mines
 of the Chloride district -
 "Distaff Chloride" company's
 property in red -

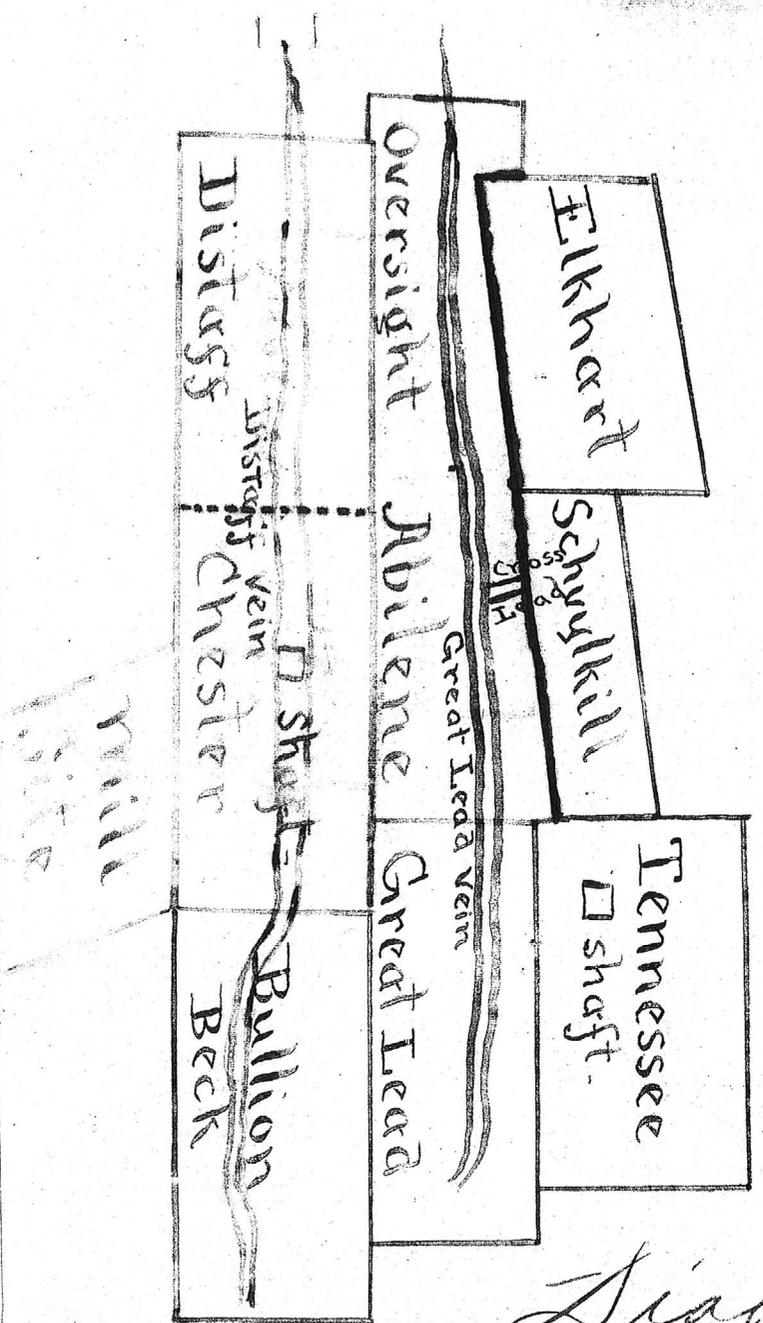


Diagram showing
 some of the most prominent
 mines of the camp.

Distaff Chloride Mines in red



14-51-8-1

NAME OF MINE: DISTAFF

COUNTY: MOHAVE W
DISTRICT: CHLORIDE
METALS: PB, ZN

OPERATOR AND ADDRESS:

MINE STATUS

DATE:

DATE:

Jack P. Taylor
Arthur F. Black
Box 230, Kingman

3/1/44 Closed