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The management of the Chloride Queen Mining Co. is confident that their property with proper development in the next few years will produce its millions in rich silver ores, and with present prices of silver the outlook for the company to go on the dividend-paying basis in the very near future is of the best.

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 Chloride
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 installed a crushing plant at lower end of dump and are concentrating low-grade ores. Concrete high in zinc, carrying 50% 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.

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

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.

The Distaff mine was one of the richest silver properties in the Chloride field, aside from the Old Minesota, 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.

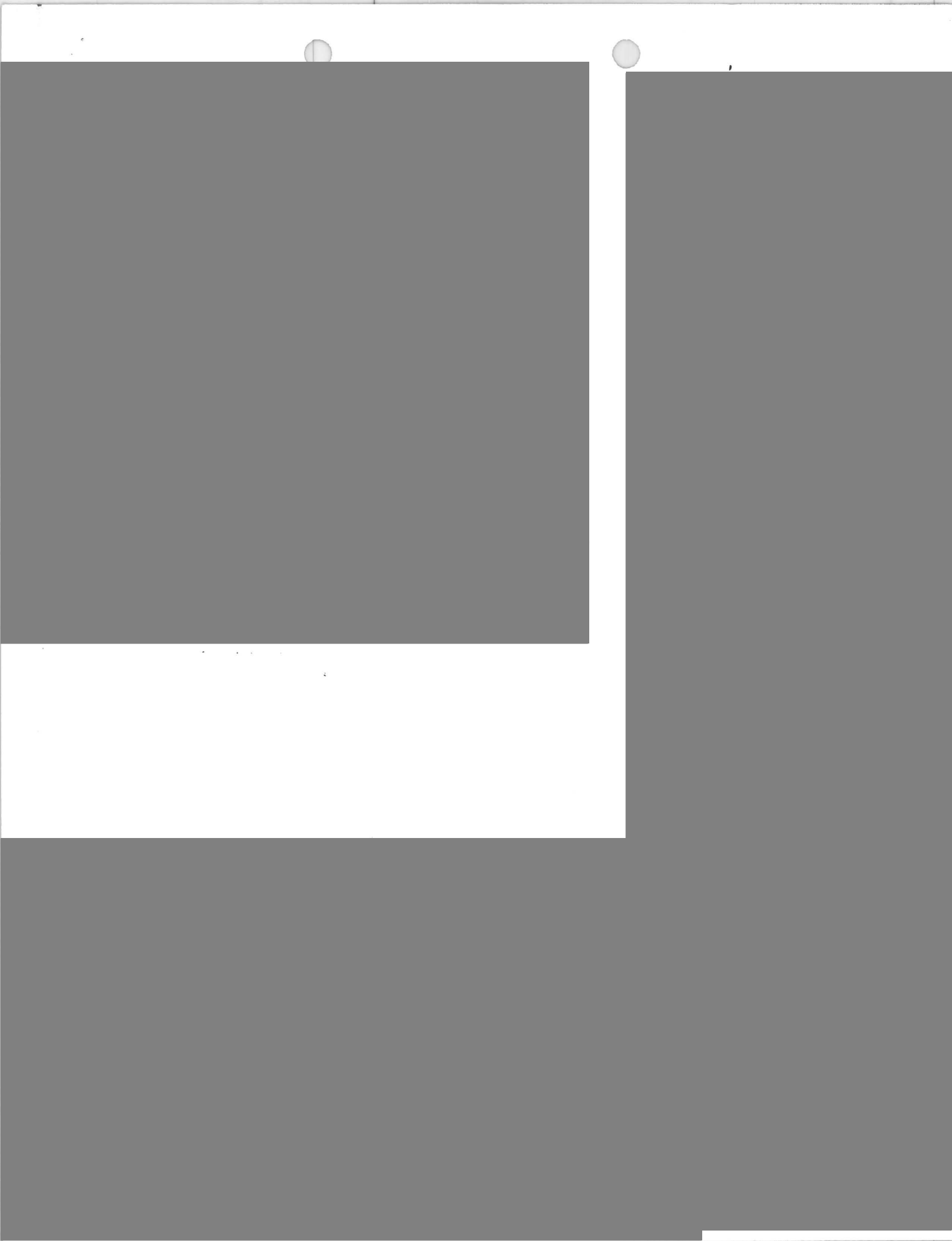
OLD DISTAFF MINE IS BEING UNWATERED

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.

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



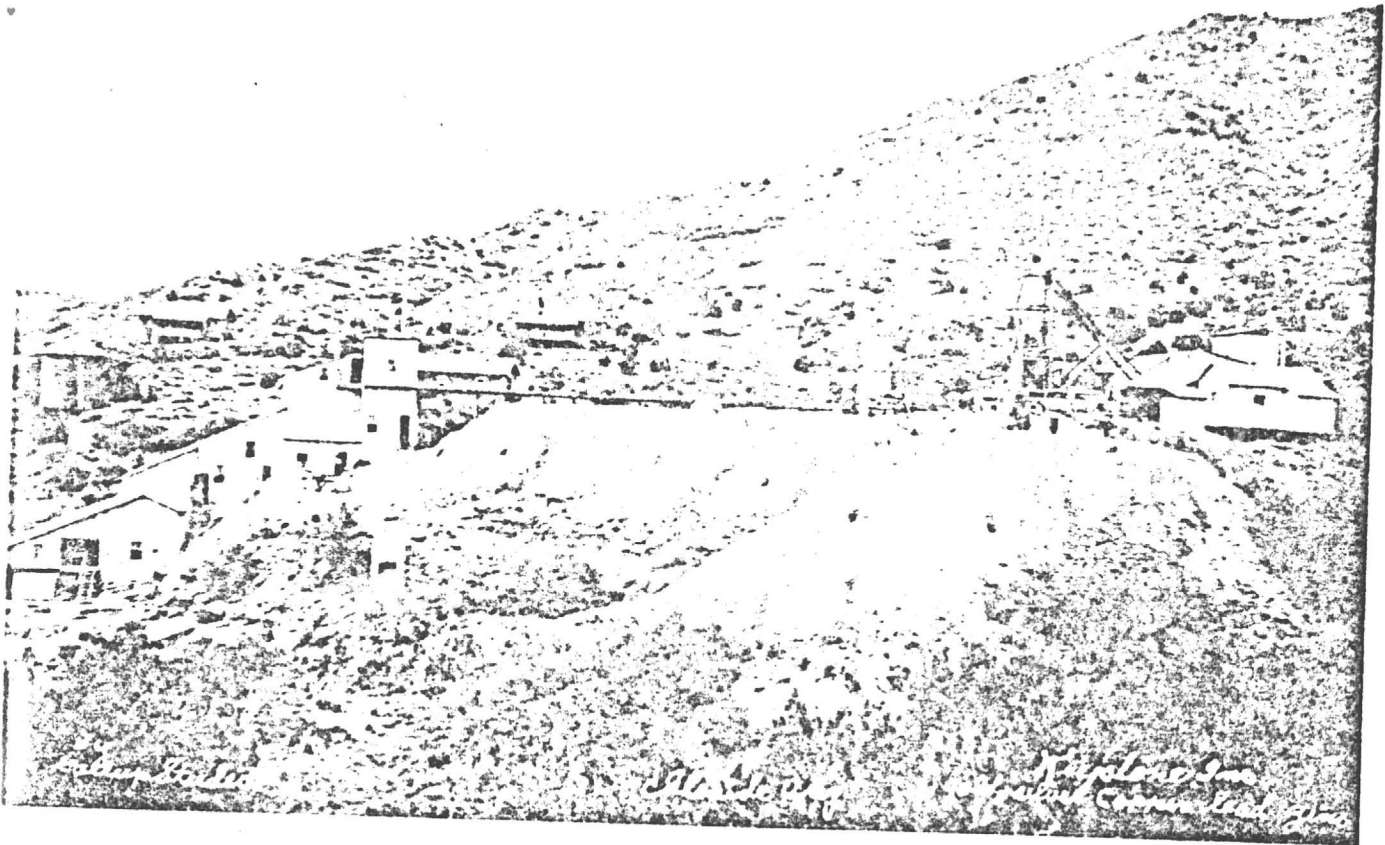
Taylor and Michael E. Black, Box 200,
Kingman, Arizona. // -36-43 *Plutonium*



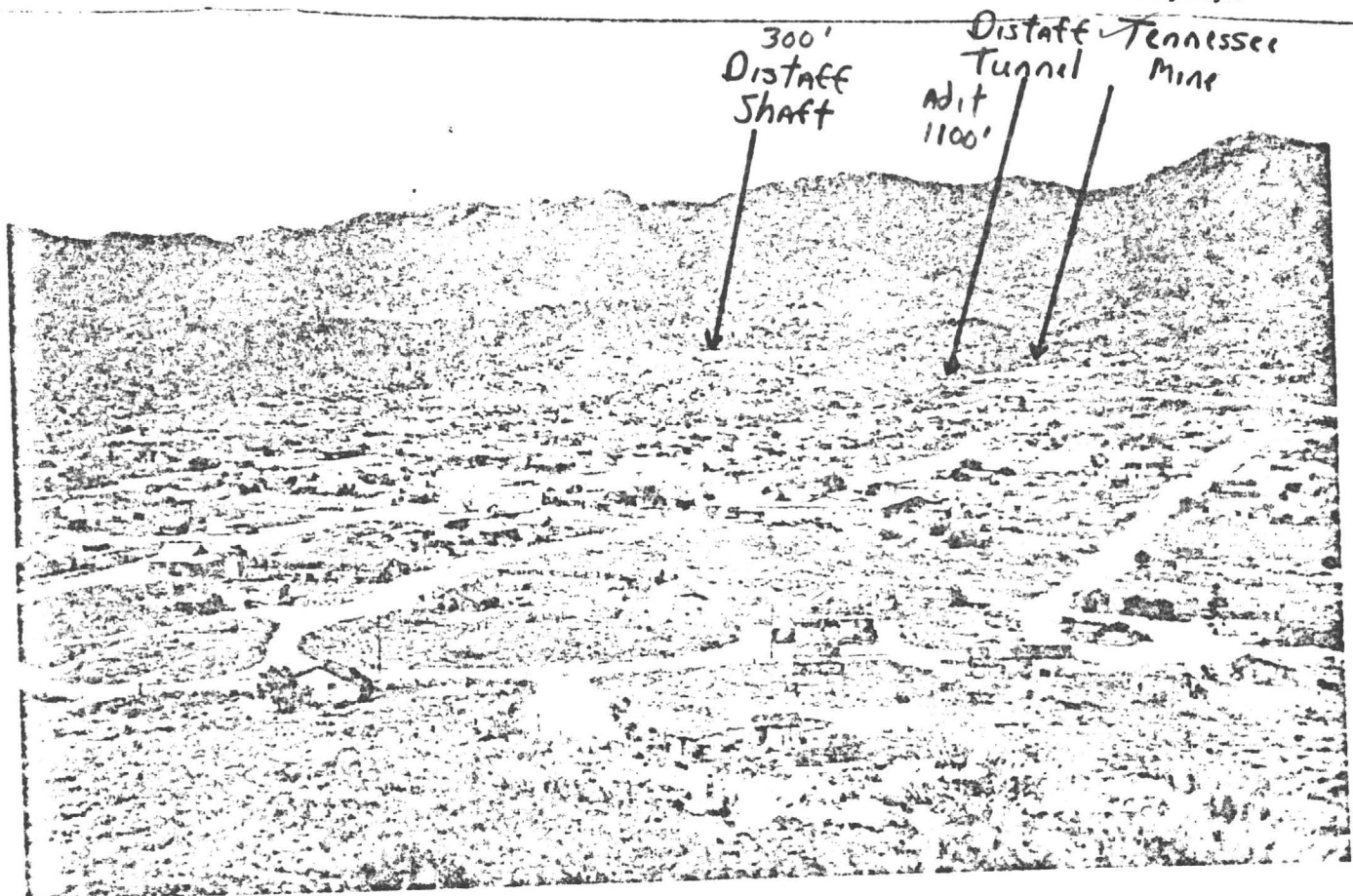
Around 100 tons of d

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[REDACTED]



"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.

Reference - see Book V-V - A.L. Flagg vanadium reports

See Bull. 317 - Page 60

See USGS Bull 750-B Page 19-21
" " 750 " 19-21

May 27, 1957

Ariz. Mng. Journal April, 1919, p. 26

No information on this property.

MARK GEMMILL

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

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
quantity of high grade ore

++ Report ~
on
"Abilene and Oversight"
Mining Claims -
situated in (Kearney dist-
- - - - -) -

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-
- - - - - 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. -

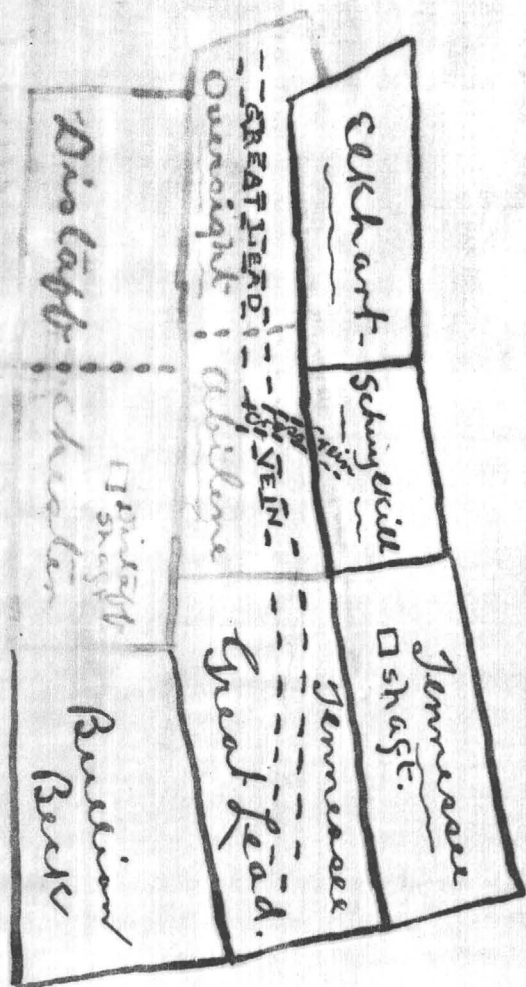


Diagram - showing
 some of the leading mines
 of the Chloride district -
 "Distaff Chloride" company's
 property, in red -

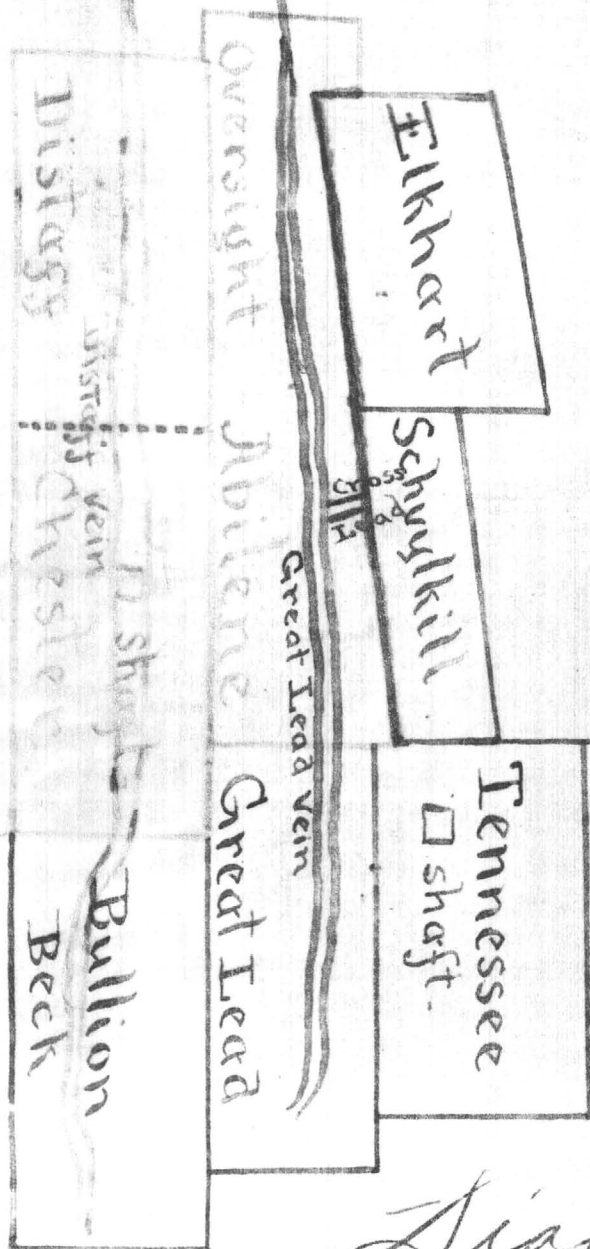


Diagram showing
some of the most prominent
mines of the camp.

Distaff Chloride Mines in red

4

The Sistauff 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 are indeed
a most valuable acquisition
to the mineral holdings of the
Sistauff Chloride Mining Co. — not
only on account of their surface
showings alone but for their
favorable proximity to the
most prominent mines of
the camp. —

L. J. Garham
Chloride
Ariz

Oct-18-16.

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 etc 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 Distoff Chloride Co. - who have purchased the Abilene and Oversight - to drive a cross cut tunnel from

Well

1100 ft -
Raise

Raise

Engine House

Shaft 75 ft -

North

Distaff Shaft - 285 ft. in depth

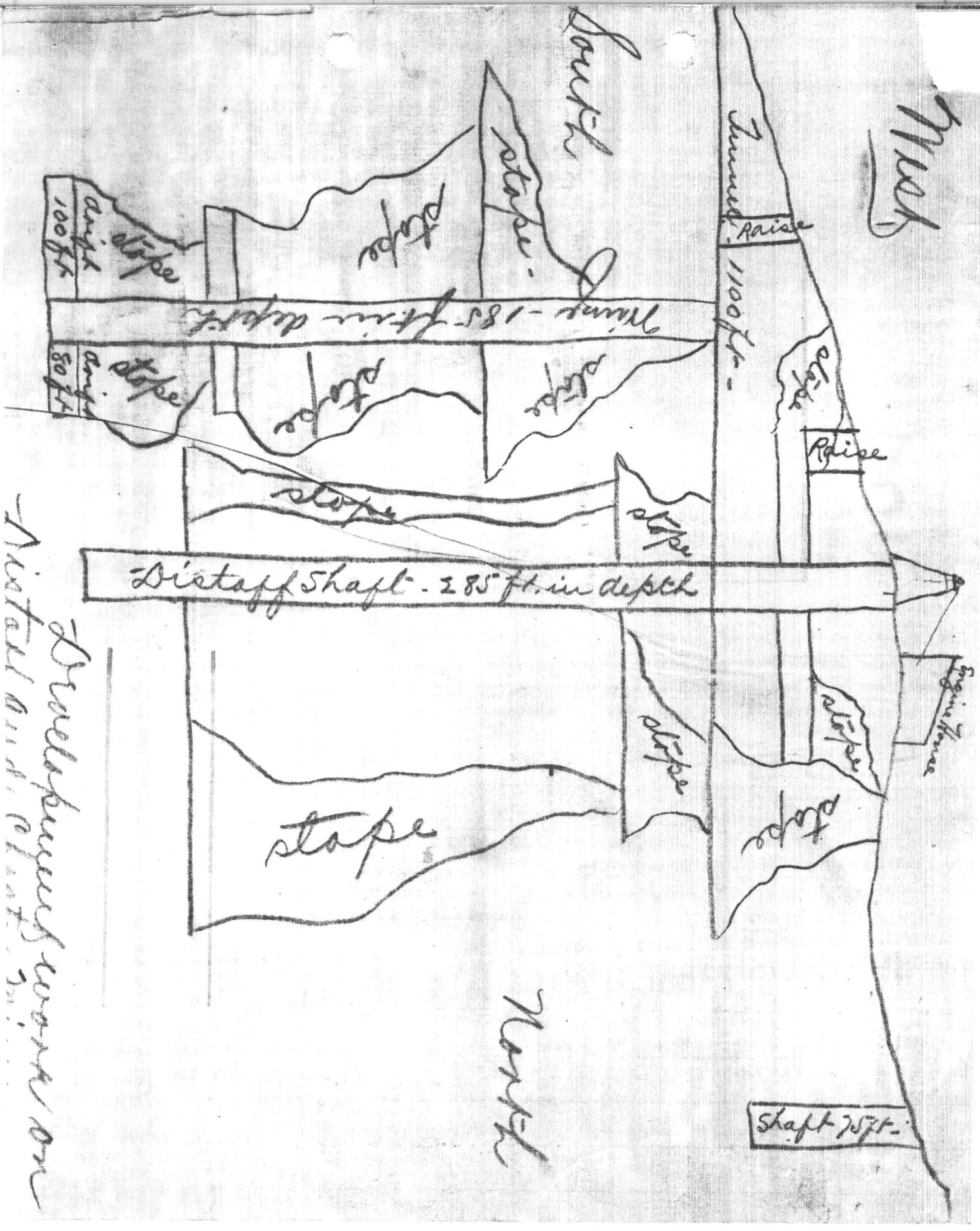
Tramp - 185 ft. in depth

South

100 ft
dug
slope

80 ft
dug
slope

Drillings work on
distaff and tramp



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.