

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 94-07320

Priority: March 14, 1989

Maximum Diversion Rate:

0.23 CFS

Maximum Diversion Volume:

114.5 AF

This is to certify, that HECLA MINING CO
BOX C-8000

COEUR D ALENE ID 83814 has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated March 14, 1989; and has submitted Proof of Beneficial Use on July 3, 1989. An examination indicates that the works have a diversion capacity of 1.030 cfs of water from:

COEUR D ALENE RIVER, S. FORK tributary to COEUR D ALENE RIVER

source, and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
MINING	01/01 to 12/31	0.23 CFS	114.5 AF

LOCATION OF POINT(S) OF DIVERSION: SENW , Sec. 35, Township 48N, Range 05E
SHOSHONE County

PLACE OF USE: MINING

TWN RGE SEC

48N 05E 35

NENW

CONDITIONS/REMARKS:

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. Water used under this right if discharged into a natural channel or subsurface system shall meet Idaho Water Quality Standards.
6. When water used under this right is discharged into the natural channel, settling ponds must be maintained which are capable of reducing the silt load to such a level that the quality of water will not be impaired for other beneficial uses.
7. Mining use is for a milling operation and fire protection.
8. The place of use is known as the Lucky Friday Mine.

State of Idaho
Department of Water Resources

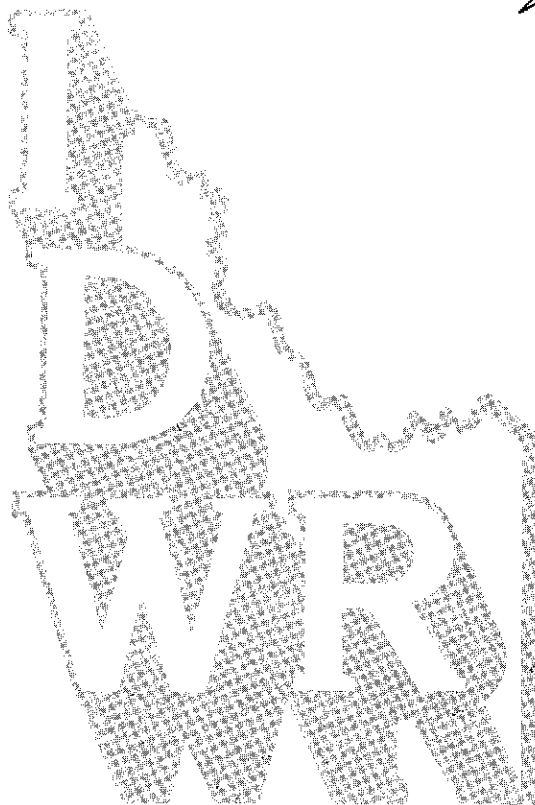
WATER RIGHT LICENSE

WATER RIGHT NO. 94-07320

This license is issued pursuant to the provisions of Section 42-219, Idaho Code.
Witness the seal and signature of the Director, affixed at Boise, this 12TH
day of SEPTEMBER, 1994.

Acting for


R. Keith Higginson, Director



SEP 21 1994

RECEIVED
JUL 03 1989

Department of Water Resources
STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

For Office Use Only

Fee Received 125.00

Date 7/5/89

Receipt 60800

Receipt by R. Young

Reviewed by _____

Sent to region _____

PROOF OF BENEFICIAL USE

The Idaho Department of Water Resources will consider this form as a statement that the permit holder(s) has completed all development that will occur under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below. This form must be accompanied by a license examination fee or a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

Permit No. 94-07320

Name(s) of Permit Holder: LUCKY FRIDAY MINE, HELLA MINING COMPANY

Post Office Address: PO BOX 31, MULLAN, ID 83846

Telephone No. 208-744-1751

Source of Water: SOUTH FORK OF CDA RIVER

Extent of Use:

Domestic _____ (number of households) Stockwater _____ (number and type of stock)

Irrigation _____ (acres) Other/Remark THIS WATER IS TO SUPPLEMENT

THE PRESENT WATER SUPPLY COMING FROM DEADMAN GULCH. LICENSE # 27992

Total rate and/or volume for which proof is submitted 1.6 cfs N/A acre-feet

Show the date water was first diverted and beneficially used under this permit: CURRENTLY SINCE 1985

Measuring Device: Required? ☒ Yes ☒ No
Installed? ☒ Yes ☒ No

Fee enclosed \$ \$125.00
(See License Examination Fee Schedule)

Flow Measurement Port: Required? ☒ Yes ☒ No
Installed? ☒ Yes ☒ No

Person to contact to accompany the Department representative during the field examination:

DOUGLAS G. WOLLANT 208-744-1751
(Name) (Telephone Number)

LUCKY FRIDAY MINE
PO BOX 31, MULLAN, ID 83846
(Address)

MICROFILMED

SEP 25 1989

The above information is my true statement of the extent to which the above numbered permit has been developed and I relinquish any undeveloped portion of the permit to the state of Idaho.

6/17/89
Date

Paul E. Hyde - mgr of lands, Hella Mining Company
Signature of Permit holder (and title, if appropriate)

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

APPROVED

1. Name of applicant HECLA MINING COMPANY Phone 769-4100
Post office address Box C-8000 COEUR D'ALENE, IDAHO 83814-1931
2. Source of water supply SOUTH FORK CDA RIVER which is a tributary of COEUR D'ALENE RIVER
3. Location of point of diversion is SE $\frac{1}{4}$ of NW $\frac{1}{4}$ of Section 35 Township 48N
Range 5E B.M. SHOSHONE County, additional points of diversion if any: _____

4. Water will be used for the following purposes:

Amount 1.6 cfs for INDUSTRIAL purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

5. Total quantity to be appropriated:

- a. 1.6 cubic feet per second and/or b. N/A acre-feet per annum.

6. Proposed diverting works:

- a. Description of ditches, flumes, pumps, headgates, etc. SUMMERISBLE FLYGT PUMPS
(1 OR 2 AS NEEDED) WILL BE PLACED IN RIVER. NOT
PERMANENTLY MOUNTED (PORTABLE). HOOK-UP LINES IN PLACE
b. Height of storage dam N/A feet, active reservoir capacity N/A acre-feet; total reservoir
capacity N/A acre-feet, materials used in storage dam: N/A
Period of year when water will be diverted to storage N/A to _____ inclusive.
(Month/Day) (Month/Day)
c. Proposed well diameter is N/A inches; proposed depth of well is N/A feet.

7. Time required for the completion of the works and application of the water to the proposed beneficial
use is 1 years (minimum 1 year - maximum 5 years).

8. Description of proposed uses:

a. If water is not for irrigation:

- (1) Give the place of use of water: NE $\frac{1}{4}$ of NW $\frac{1}{4}$ of Section 35 Township 48N
Range 5E B.M.
(2) Amount of power to be generated: N/A horsepower under N/A feet of head.
(3) List number of each kind of livestock to be watered N/A
(4) Name of municipality to be served N/A, or number of families to be
supplied with domestic water N/A.
(5) If water is to be used for other purposes describe: _____

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SEP 25 1989

(100)
b. If water is for irrigation, indicate acreage in each subdivision in the tabulation below:

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	

Total number of acres to be irrigated _____

c. Describe any other water rights used for the same purposes as described above. _____

N/A

9. a. Who owns the property at the point of diversion HECLA MINING COMPANY

b. Who owns the land to be irrigated or place of use N/A

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing N/A

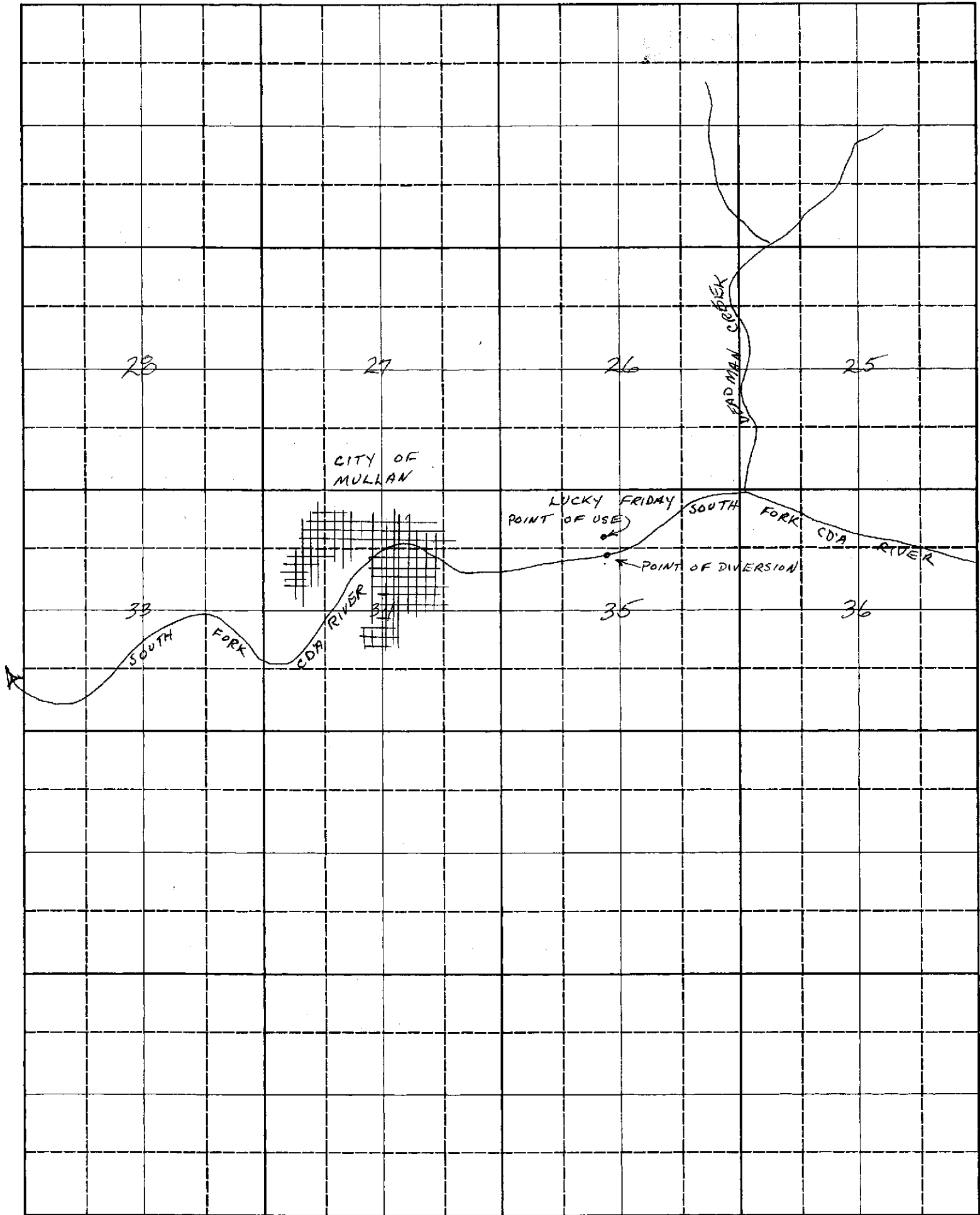
10. Remarks THIS WATER IS TO SUPPLEMENT THE PRESENT WATER SUPPLY COMING FROM DEADMAN GULCH DRY SEASONS & FREEZING CREEKS SOMETIMES CAUSE THE PRESENT WATER SUPPLY SYSTEM TO HAVE SHORTAGES.

THIS APPLICATION IS TO REPLACE 94-7306, WHICH CAN BE CANCELLED. SEND COMPLETION OF DEVELOPMENT FORM ("PROOF OF BENEFICIAL USE") FORMS AS SOON AS POSSIBLE, BECAUSE THIS IS THE SAME "SET-UP" AS "PROOF" WAS FILED FOR 94-7306.

FILED

SEP 25 1989

11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



Scale: 2 inches equal 1 mile.

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

MICROFILMED

SEP 25 1989

Paul E Hyde, Mgr. of Lands
(Applicant)
for Hecla Mining Company

Proposed Priority 3/14/89

Received by JK Date 3/14/89 Time 2:00 PM
Preliminary check by JK Fee \$ 65.00
Receipted by W/COPIED Date 3/14/89 (N2479)
Publication prepared by JK Date 3/29/89
Published in Shoshone City News Press
Publication dates 4/6-13/89
Publication approved JK Date 5/4/89
Protests filed by: none

Copies of protests forwarded by _____
Hearing held by _____ Date _____
Recommended for approval denial by _____

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 94-7320, and said application is hereby APPROVED.

1. Approval of said application is subject to the following limitations and conditions:

- a. SUBJECT TO ALL PRIOR WATER RIGHTS.
- b. Proof of construction of works and application of water to beneficial use shall be submitted on or before July 1, 19 90.
- c. The rate of diversion, if water is to be used for irrigation under this permit, when combined with all other water rights for the same land shall not exceed 0.02 cubic feet per second for each acre of land.
- d. Other: Return flow if discharged to a subsurface system must be authorized by a separate injection well permit, and return flow if discharged to a surface water system shall meet Idaho Water Quality Standards.

Prior to the diversion of water under this permit a flow measurement port or other device as specified by the Department shall be installed to provide for the installation of measuring equipment and the determination of the rate of diversion by the Department.

Witness my hand this 7th day of June, 1989.

J. Glen Saylor

MICROFILMED

SEP 25 1989

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED

JUN 30 1994

Department of Water Resources

A. GENERAL INFORMATION

Permit No. 94-07320

1. Owner: Hecla Mining Company Phone No. (208) 744-1751

Current Address: Box C-8000 Coeur d'Alene ID 83816

2. Accompanied by: Art Barrett EXAM DATE: 10/5/93

Address: Same Phone No. _____

Relationship to Permit Holder: Employee (Engineer)

3. Source: South Fork Coeur d'Alene River tributary to Coeur d'Alene River

B. OVERLAP REVIEW

1. Other water rights with the same place of use: P 9407306

2. Other water rights with the same point of diversion: P 9407306

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

Ident No.	Gov't Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
			SE	NW	35	48N	05E	Shoshone	Map

2. Place(s) of Use:

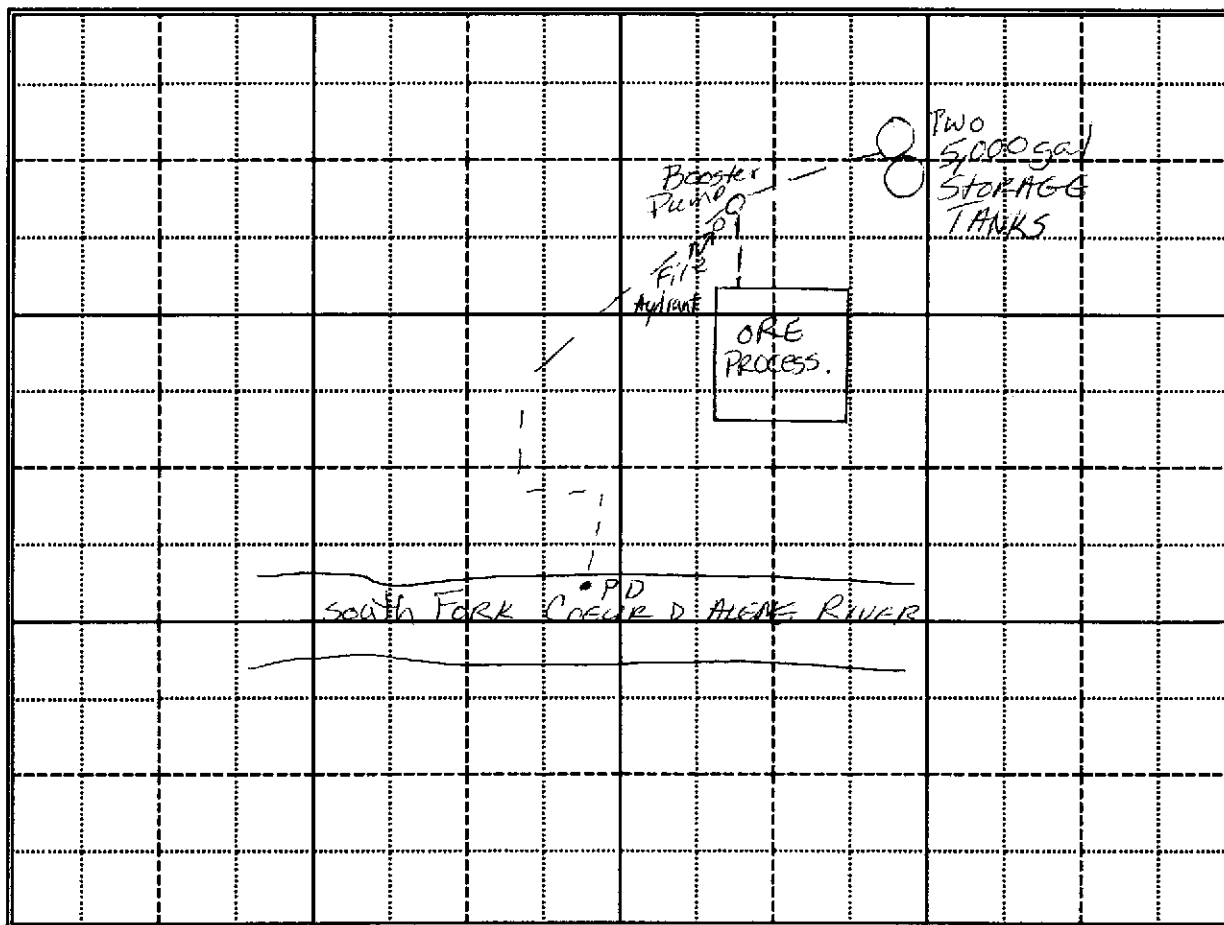
Indicate Method of Determination Map

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
48N	05E	35					I												

* See memo for explanation of change. BC

JUN 21 1994

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.



Scale: 1" = NTS

☒ Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

☒ Aerial Photo Attached (required for irrigation of 10+ acres)

☒ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
P. D.	Flygt	58	B2201011	Flygt	
Booster	Flygt	58	B2201011	Flygt	

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Polysonic Meter	Transducer	Flygt	TF-P	N8J4626		

2. Measurements: 460 gpm highest observed reading. Copy of Print out attached

DEC 8 1989

E. NARRATIVE/REMARKS/COMMENTS

One 58 hp pump in the South Fork Coeur d'Alene River pumps water into pipe line which runs above ground until it reaches the road. The pipe line continues underground to the mill yard where there is a second 58 hp pump and a fire hydrant. From this point, one line carries water to the ore processing building and another carries water to two 5,000 gallon storage tanks.

When combined with Permit 94-07306 this water right should not exceed 1.03 cfs.

Have conditions of permit approval been met? X yes ___ no

DEC 31 1994

F. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method:

$$\frac{460 \text{ gpm}}{448.8 \text{ gpm/cfs}} = 1.03 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \underline{\hspace{2cm}}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$$

2. Volume Calculations for Other Uses:

$$(1.03) (1.9835 \text{ AFA/24 hrs}) (24 \text{ hrs/day}) (251 \text{ days/annum}) = 512.8 \text{ AFA}$$

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
* <u>Industrial</u>	<u>1-1</u>	<u>12-31</u>	<u>1.03 cfs</u>	<u>512.8 afa</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
Totals:			<u>1.03 cfs</u>	<u>512.8 afa</u>

2. Recommended Amendments

___ Change P.D. as reflected above ___ Add P.D. as reflected above X None
___ Change P.U. as reflected above ___ Add P.U. as reflected above ___ Other

I. AUTHENTICATION

Field Examiner's Name

Keresa J. Bright

Date

10/21/93

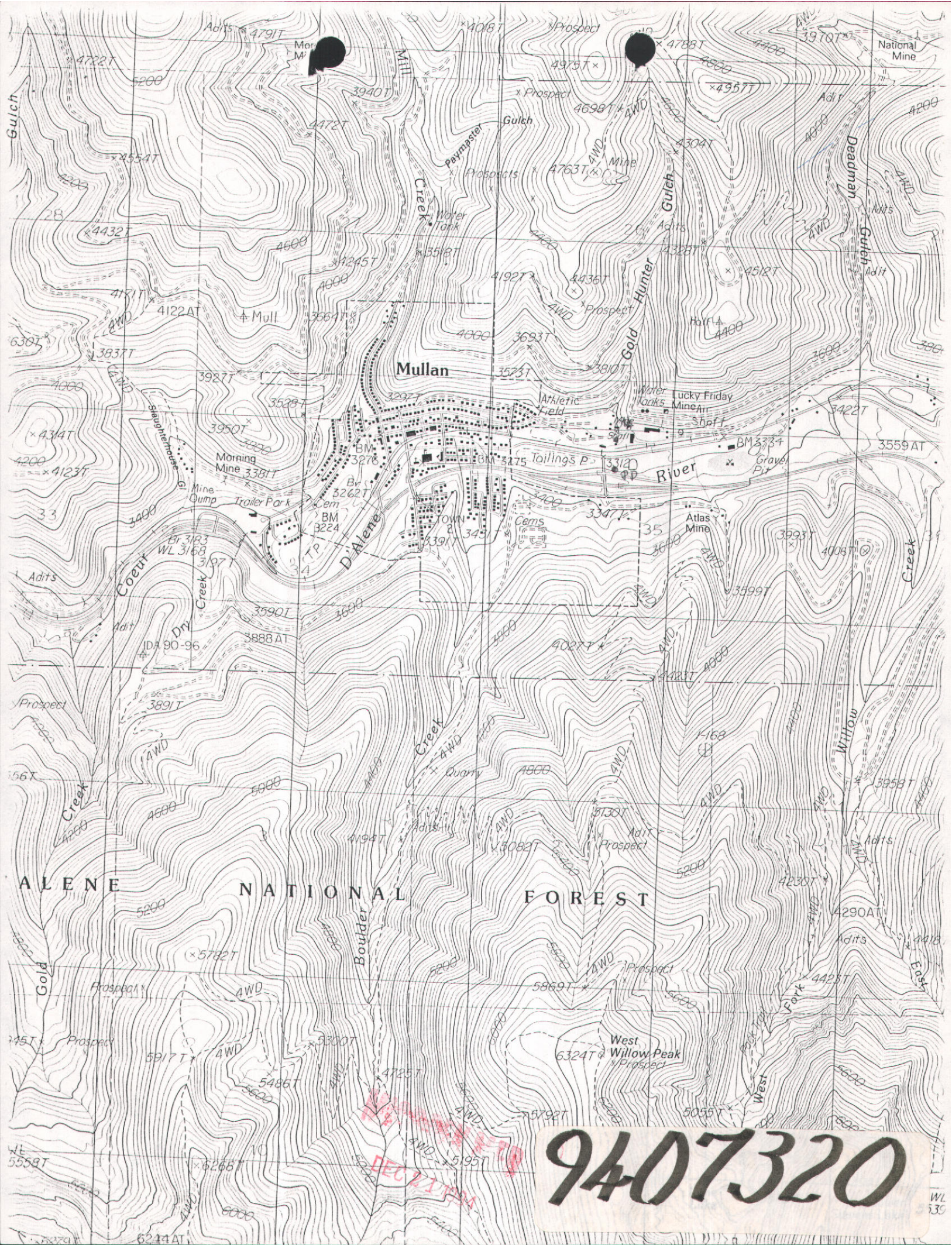
Reviewer

Date

SEAL

* See attached memo for explanation. BC

OCT 21 1993



ALENE NATIONAL FOREST

RECEIVED
DEC 21 1944

9407320

MEMORANDUM

TO: File 94-07320 / Hecla Mining Company
FROM: Brenda Chapman
DATE: July 22, 1994
RE: Adjustments Made

=====

* The final recommendations for the following portion(s) of the field exam were based on the information below.

C. DIVERSION AND DELIVERY SYSTEM

2. Place of Use:

The exam map confirms the place of use to be in the NENW $\frac{1}{4}$.

H. RECOMMENDATIONS

1. Recommended Amounts

It is recommended that the Beneficial Use be changed to mining rather than industrial. It more accurately describes the development.

Beneficial Use	Period of Use	Rate of Div	Annual Vol
Mining	1-1 to 12-31	.23 cfs	114.50 af

Rather than recommending the rate of diversion be the capacity amount with a condition limiting it when combined with 94-07306, the recommendation is for the remaining .23 cfs.

DEC 21 1994

94-07320

Point of Diversion



Point of Diversion
& Pipeline

Booster Pump



MISSOURI HWY
DEC 21 1994

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

APPROVED

1. Name of applicant HECLA MINING COMPANY Phone 769-4100
Post office address Box C-8000 COEUR D'ALENE, IDAHO 83814-1931
2. Source of water supply SOUTH FORK CDA RIVER which is a tributary of COEUR D'ALENE RIVER
3. Location of point of diversion is SE $\frac{1}{4}$ of NW $\frac{1}{4}$ of Section 35 Township 48N
Range 5E B.M. SHOSHONE County, additional points of diversion if any: _____

4. Water will be used for the following purposes:

Amount ^{718gpm} 1.6 cfs for INDUSTRIAL purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

5. Total quantity to be appropriated:

a. 1.6 cubic feet per second and/or b. N/A acre-feet per annum.

6. Proposed diverting works:

- a. Description of ditches, flumes, pumps, headgates, etc. SUMMERSIBLE FLYGT PUMPS
(1 OR 2 AS NEEDED) WILL BE PLACED IN RIVER. NOT
PERMANENTLY MOUNTED (PORTABLE). HOOK-UP LINES IN PLACE
- b. Height of storage dam N/A feet, active reservoir capacity N/A acre-feet; total reservoir capacity N/A acre-feet, materials used in storage dam: N/A
Period of year when water will be diverted to storage N/A to _____ inclusive.
(Month/Day) (Month/Day)
- c. Proposed well diameter is N/A inches; proposed depth of well is N/A feet.

7. Time required for the completion of the works and application of the water to the proposed beneficial use is 1 years (minimum 1 year - maximum 5 years).

8. Description of proposed uses:

a. If water is not for irrigation:

- (1) Give the place of use of water: NE $\frac{1}{4}$ of NW $\frac{1}{4}$ of Section 35 Township 48N
Range 5E B.M.
- (2) Amount of power to be generated: N/A horsepower under N/A feet of head.
- (3) List number of each kind of livestock to be watered N/A
- (4) Name of municipality to be served N/A, or number of families to be supplied with domestic water N/A.
- (5) If water is to be used for other purposes describe: _____

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SEP 25 1989

(10)
b. If water is for irrigation, indicate acreage in each subdivision in the tabulation below:

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	

Total number of acres to be irrigated _____

c. Describe any other water rights used for the same purposes as described above. _____

N/A

9. a. Who owns the property at the point of diversion HECLA MINING COMPANY

b. Who owns the land to be irrigated or place of use N/A

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing N/A

10. Remarks THIS WATER IS TO SUPPLEMENT THE PRESENT WATER SUPPLY COMING FROM DEADMAN GULCH. DRY SEASONS & FREEZING CREEKS SOMETIMES CAUSE THE PRESENT WATER SUPPLY SYSTEM TO HAVE SHORTAGES.

THIS APPLICATION IS TO REPLACE 94-7306, WHICH CAN BE CANCELLED. SEND COMPLETION OF DEVELOPMENT FORM ("PROOF OF BENEFICIAL USE") FORMS AS SOON AS POSSIBLE, BECAUSE THIS IS THE SAME "SET-UP" AS "PROOF" WAS FILED FOR 94-7306.

MICROFILMED

SEP 25 1989

Received by Date 3/14/89 Time 2:20 p.m.
Preliminary check by Fee \$ 65.00
Received by Date 3/14/89 (N2479)
Publication prepared by Date 3/29/89
Published in Shoshone City News Press
Publication dates 4/6-13/89
Publication approved Date 5/4/89
Protests filed by: none

Copies of protests forwarded by
Hearing held by Date
Recommended for approval denial by

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 94-7320, and said application is hereby APPROVED.

1. Approval of said application is subject to the following limitations and conditions:

- a. SUBJECT TO ALL PRIOR WATER RIGHTS.
- b. Proof of construction of works and application of water to beneficial use shall be submitted on or before July 1, 19 90.
- c. The rate of diversion, if water is to be used for irrigation under this permit, when combined with all other water rights for the same land shall not exceed 0.02 cubic feet per second for each acre of land.
- d. Other: Return flow if discharged to a subsurface system must be authorized by a separate injection well permit, and return flow if discharged to a surface water system shall meet Idaho Water Quality Standards.

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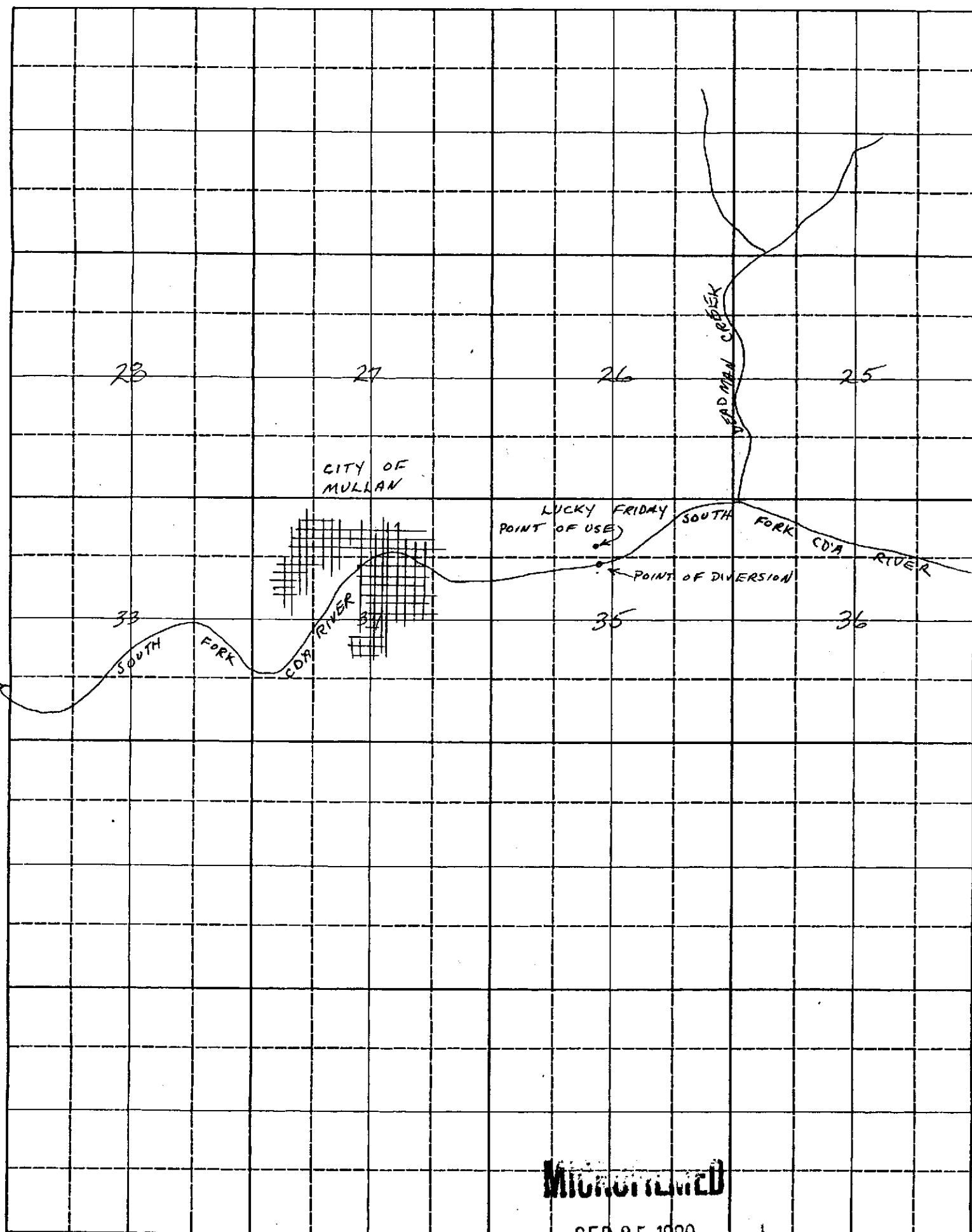
Witness my hand this 7th day of June, 1989.

J. Glen Saylor

MICROFILMED

SEP 25 1989

11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



Scale: 2 inches equal 1 mile.

SEP 25 1980

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

Paul E Hyde, Mgr. of Lands
(Applicant)
for Hecla Mining Company