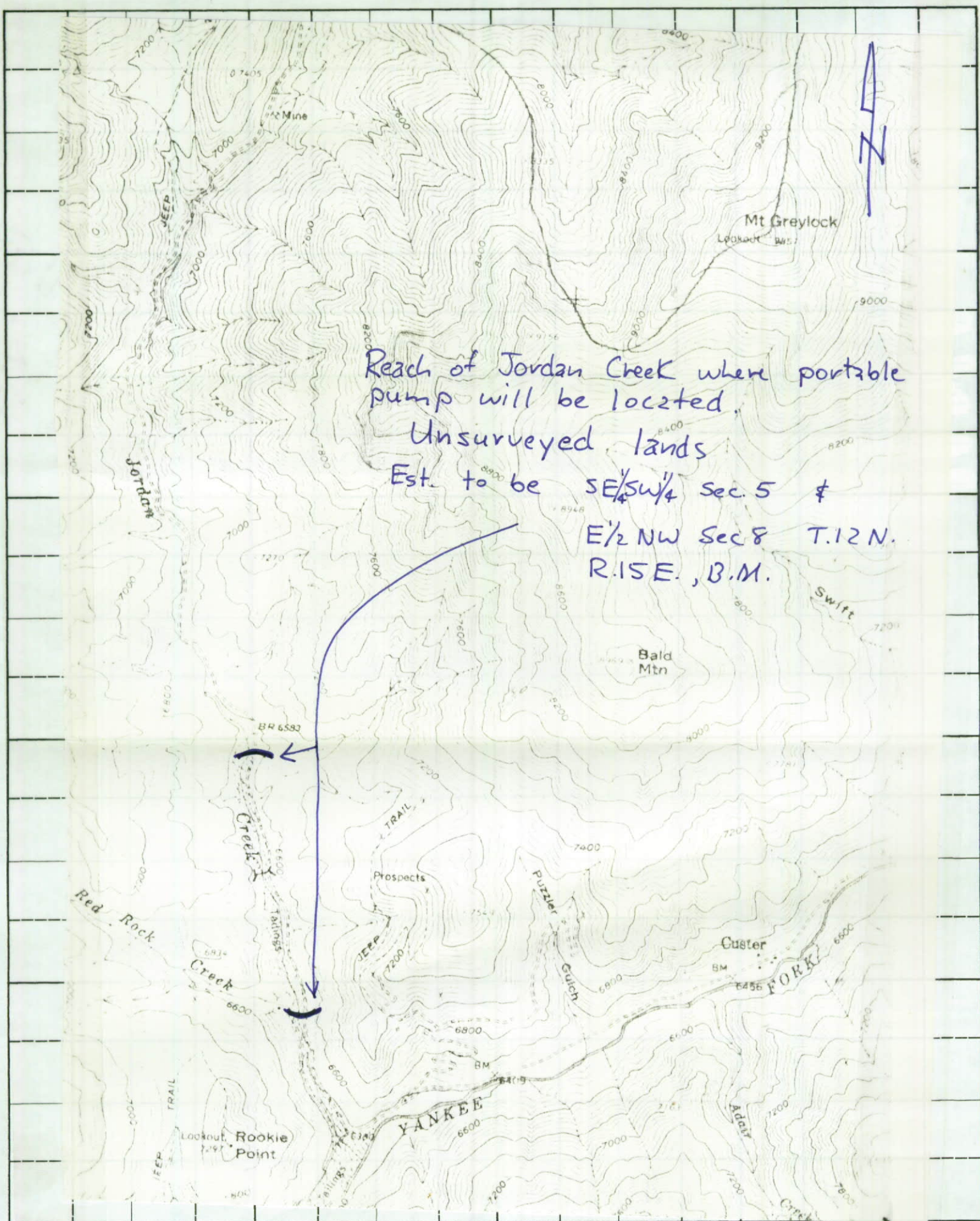


11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



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.

George C. Castle
(Applicant)

MICROFILMED

Geo. C. Castle 72-7165

R 15 E

T 12 N

RECEIVED
MAR 14 1988

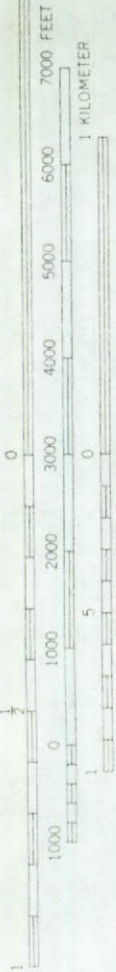
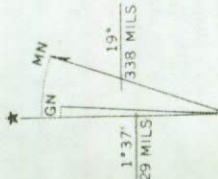
Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1957. Field checked 1963

Polyconic projection. 1927 North American datum
10,000-foot grid based on Idaho coordinate system, central zone
1000-meter Universal Transverse Mercator grid ticks,
zone 11, shown in blue

Unshown omitted land lines have not been established



SCALE 1:24,000

CONTOUR INTERVAL 40 FEET
DATUM IS MEAN SEA LEVEL





Pump located on Yankee Fork River
Jordan Cr Trib. to K

1st silt pond

MAR 16 1991



Sluice Bx, discharging into silt Pond.



Geo. Castle #72-7165

Discharge Pipe to Lower Pond



Upper Silt Pond

RECEIVED

MAR 16 1988

Geo. Castle at Lower Seep Pond.



Pump Returns the water back to Sturice
Bx.

UNCOLLIMED

**NOTICE OF APPLICATION
FOR WATER RIGHT**

Notice is hereby given that the following application(s) have been submitted for permit to appropriate the public waters of the State of Idaho:

72-7165

CASTLE, GEORGE C.
BOX 3070, KETCHUM, ID
83340

Source: JORDAN CREEK
tributary to YANKEE FORK

Date Filed: 08/07/1981

Amount: 1.00 CFS

Diversion Point: NENW
SESW Sec 08 T 12N R 15E
Sec 05 T 12N R 15E, CUSTER
Co.

Use: MINING (1.00 CFS)
from 3/15 to 10/15

Place of Use: NENW SENW
Sec 08 T 12N R 15E
Sec 05 T 12N R 15E

Diversion Means: PUMP,
TROMMEL & SLUICE BOX

If issued, the permit(s) will be subject to all prior water rights. Protests against the granting of any permit must be filed with the Director of the Idaho Department of Water Resources, 1041 Blue Lakes Blvd. North, Twin Falls, Idaho 83301 and received on or before OCTOBER 5, 1981.

A. KENNETH DUNN, Director
Pub. 9/17 & 9/24/81

*ok
margy
9/18/81*

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 72-7165

Priority: August 7, 1981 Amount: .17 CFS 24.2 AFA

This is to certify, that GEORGE C. CASTLE
P.O. BOX 3070

KETCHUM, ID 83340 has complied with the terms and conditions
of the permit issued pursuant to Application for Permit dated August 7, 1981, and
has submitted proof to the Department of Water Resources on May 19, 1986, that
water has been applied to a beneficial use; an examination by the Department indicates
that the works have a diversion capacity of .17 cfs of water from;

JORDAN CREEK tributary to YANKEE FORK

and that a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>VOLUME</u>
Mining	03/15 to 10/15	.17 cfs	24.2 afa

LOCATION OF POINT OF DIVERSION(S): SESW , Sec. 5, Township 12N, Range 15E
NENW , Sec. 8
SENE , Sec. 8

Custer County

PLACE OF USE: Mining

TWN RGE SEC

12N 15E 5 SESW
8 NENW SENW

CONDITIONS/REMARKS:

1. The right to the use of the water hereby confirmed is limited to the amount which can actually be beneficially used and is restricted and appurtenant to the lands or place of use and to the purpose herein described, as provided by the laws of Idaho.
2. This right is subject to all prior water rights and may be forfeited by five years of non-use.
3. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
4. Return flow if discharged to a surface water system shall meet Idaho water quality standards.

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 20th day
of November, 19 87.

MICROFILMED

Director

MAR 16 1988

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

APPROVED

To appropriate the public waters of the State of Idaho

1. Name of applicant George C. Castle Phone 726-3770

Post office address Box 3070, Ketchum, Idaho, 83340

2. Source of water supply Jordan Creek which is a tributary of Yankee Fork

3. Location of point of diversion is NE $\frac{1}{4}$ of NW $\frac{1}{4}$ of Section 8 Township 12 N.

Range 15E B.M. Custer County, additional points of diversion if any: _____

SE $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 8, T. 12 N., R. 15 E., B.M.

SE $\frac{1}{4}$ SW $\frac{1}{4}$, Sec 5, T. 12 N., R. 15 E., B.M.

4. Water will be used for the following purposes:

Amount 1.00 for Mining purposes from Mar. 15 to Oct. 15 (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. 1.00 cubic feet per second and/or b. _____ acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. 30 H.P. motor with centrifugal pump mounted on a trailer to be used for diversion at various sites at claims. Water will be delivered to trommel & sluice box.

b. Height of storage dam _____ feet, active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet, materials used in storage dam: _____

Period of year when water will be diverted to storage _____ to _____ inclusive.
(Month/Day) (Month/Day)

c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet.

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

8. Description of proposed uses: SE SW 5
a. If water is not for irrigation: NE NW 8
(1) Give the place of use of water: SE $\frac{1}{4}$ of NW $\frac{1}{4}$ of Section 8 Township 12 N.

Range 15E B.M.

(2) Amount of power to be generated: _____ horsepower under _____ feet of head.

(3) List number of each kind of livestock to be watered _____

(4) Name of municipality to be served _____, or number of families to be supplied with domestic water _____

(5) If water is to be used for other purposes describe: Mining use will be placer mining of old tailings and other undisturbed deposits on patented & unpatented mining claims.

MICROFILMED

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

MICROFILMED

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. _____

9. a. Who owns the property at the point of diversion Silver Lamb Mining Co.

b. Who owns the land to be irrigated or place of use Darrel Moon
U.S. Gov't

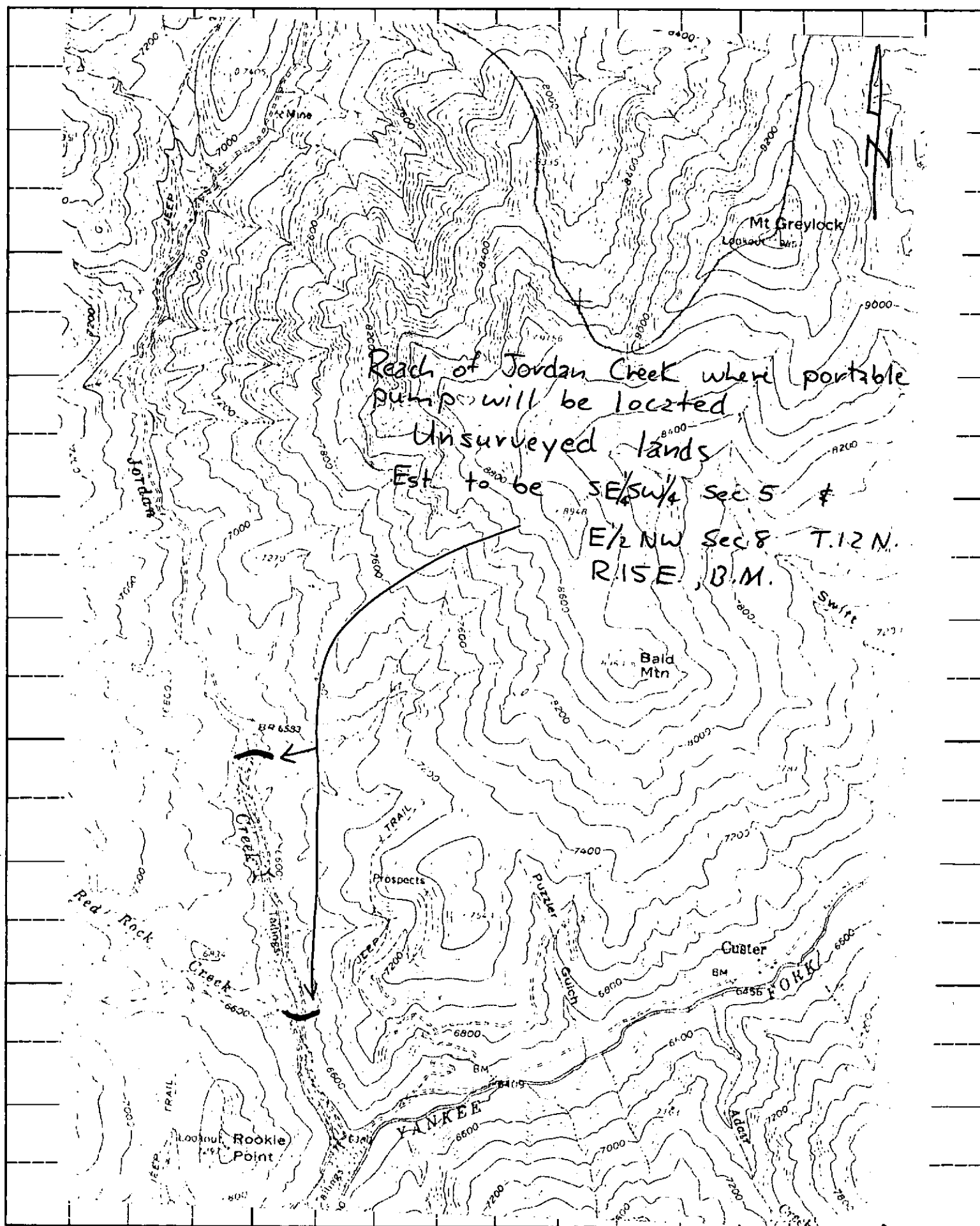
c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing Silver Lamb Mining Co. has patented claims

on lower portion of P/U; Applicant is a partner in this company.
Applicant has leased from Darrel Moon other unpatented claims on
upper portion of P/U from Darrel Moon.

10. Remarks _____

Water will be pumped at different locations along
Jordan Creek, where old tailings will be reworked.
Pumping will be done from depressions in stream
without the aid of storage dams. Water will
be recirculated thru ponds located off stream to
reduce silt flow back into Jordan Creek

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



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.

George C. Castle
(Applicant)

MICROFILMED

Proposed Priority 8/7/1981

ADA

9/3/81

1:00 pm

MICROFILMED

8/7/81

2:30 p

Received by Mary Z Date 8/7/81 Time

Preliminary check by J Fee \$ 45⁰⁰ #18715

Receipted by Mary Z Date 8/7/81

Publication prepared by Marya Date 10/5/81

Published in Custer Publishing Co.

Publication dates 9/17 + 9/24/81

Publication approved Marya Date 9/18/81

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. 72-7165 , 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 October 1 , 19 86 .
- 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: An access port or other device as specified by the Department shall be installed by the permit holder to provide for the installation of measuring equipment and the determination of the rate of diversion by the Department.
The issuance of this permit in no way grants any right-of-way or easement across the land of another.
Water used under this permit if discharged into a natural channel shall meet Idaho Water Quality Standards.

Witness my hand this 23rd day of October , 19 81.

J. Glen Saxton
Chief, Operations Bureau

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

Ident. No.
RECEIVED
AUG 7 1981
Department of Water Resources
Southern District Office

To appropriate the public waters of the State of Idaho

1. Name of applicant George C. Castle Phone 726 3770
Post office address Box 1310A Hitehurn Idaho 83340
2. Source of water supply London Creek which is a tributary of SALMON
3. Location of point of diversion is _____ 1/4 of _____ 1/4 of Section _____ Township _____
Range _____ B.M. _____ County, additional points of diversion if any: _____

4. Water will be used for the following purposes:

Amount 0.21 for Mining purposes from May 15 to Oct 15 (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. 1.00 cubic feet per second and/or b. _____ acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. Pump 4" Shive Box
and Tunnel

b. Height of storage dam _____ feet, active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet, materials used in storage dam: _____

Period of year when water will be diverted to storage _____ to _____ inclusive.
(Month/Day) (Month/Day)

c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet.

7. Time required for the completion of the works and application of the water to the proposed beneficial use is 5 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 1/4 of NW 1/4 of Section 8 Township T12N
Range 15E B.M.

(2) Amount of power to be generated: _____ horsepower under _____ feet of head.

(3) List number of each kind of livestock to be watered _____

(4) Name of municipality to be served _____, or number of families to be supplied with domestic water _____

(5) If water is to be used for other purposes describe: Tunnel and through
Shive Boxes in reworking old tailing

MICROFILMED

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. _____

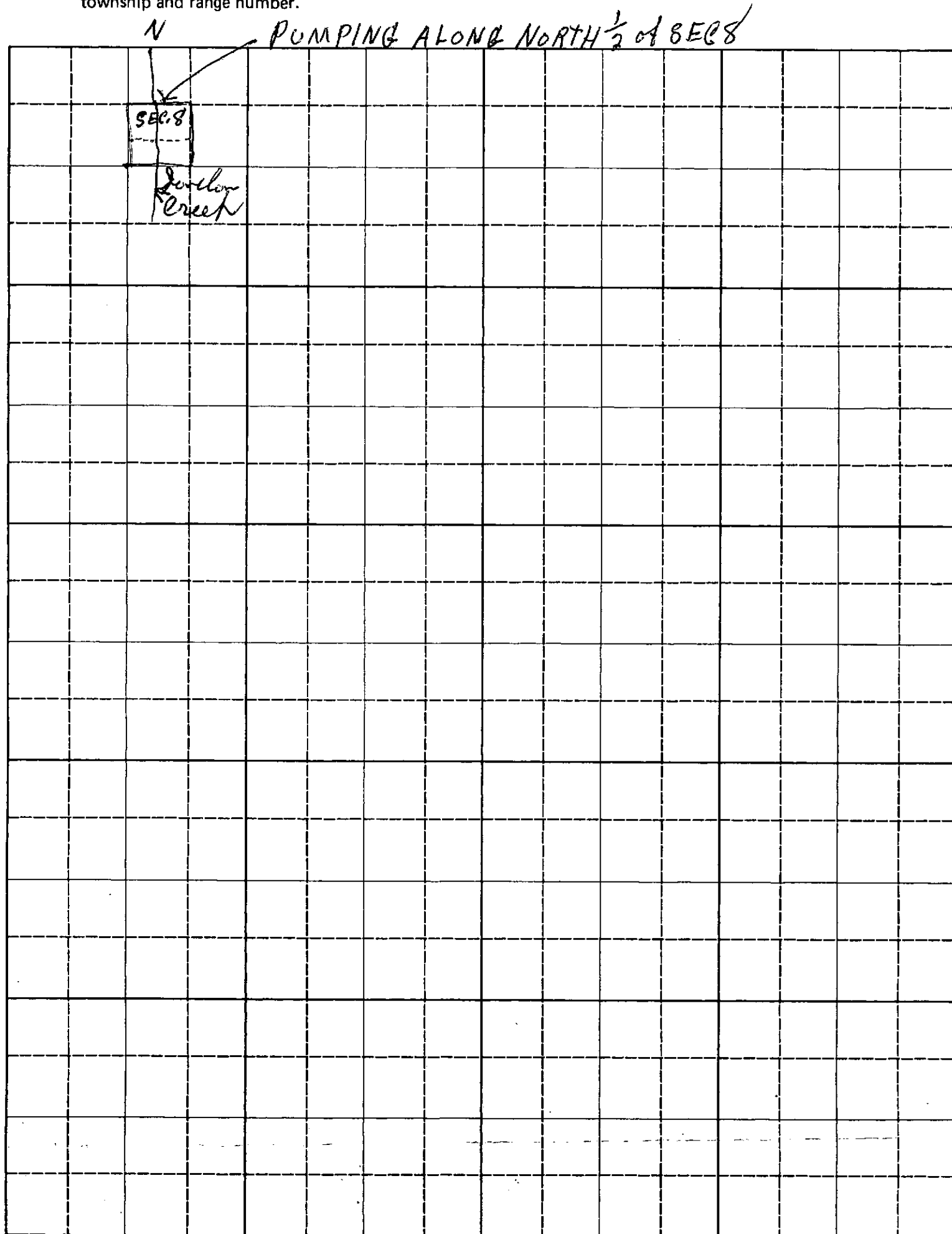
9. a. Who owns the property at the point of diversion Sutton Lamb, M.L. Forest

b. Who owns the land to be irrigated or place of use same

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing Mining Claim Lease and Rent
owner of Sutton Lamb Property is
Patent

10. Remarks Water will be pumped at different
location along Jordan Creek, where old
tailings would be reworked, pumping
would be done with out storage
dams

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.

George C. Castle
(Applicant)

MICROFILMED

MICROFILMED

Received by marya Date 9/7/81 Time 2:30 p
Preliminary check by J.S. Fee \$ 45⁰⁰ # 18715
Receipted by marya Date 9/7/81
Publication prepared by marya Date _____
Published in Curtis Publishing Co.
Publication dates 9/17 + 9/24/81
Publication approved marya Date 9/18/81
Protests filed by: None

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

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. _____, and said application is hereby _____.

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 _____, 19 ____.
- 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: _____

Witness my hand this _____ day of _____, 19 ____.

Director

AFFIDAVIT OF PUBLICATION

State of Idaho, County of Custer, ss:

I, ETHEL M. PECK...
~~Publisher~~ of the Challis Messenger,
a weekly newspaper, published at
Challis, Idaho, do solemnly swear
that the notice hereto attached and
made a part hereof, was published
in the regular and entire issue of
the Challis Messenger for two.....
consecutive weeks, commencing with
the issue dated September 17,
1981, and ending with the issued
dated September 24, 1981.

Ethel M. Peck.....
Subscribed and sworn to before
me this 24 day of September,
1981.

Barbara S. Garcia.....
Notary Public, residing at Challis,
Idaho. My commission expires on
August 18, 1985

ok
margo

NOTICE OF APPLICATION FOR WATER RIGHTS

Notice is hereby given that the
following application(s) have
been submittd for permit to
appropriate the public waters of
the State of Idaho:

72-7165

CASTLE, GEORGE C.
BOX 3070, KETCHUM, ID
83340

Source: JORDAN CREEK
tributary to YANKEE FORK

Date Filed: 08/07/1981

Amount: 1.00 CFS

Diversion Point: NENW
SESW Sec 08 T 12N R 15E SESW
Sec 05 T 12N R 15E, CUSTER
Co.

Use: MINING (1.00 CFS)
from 3/15 to 10/15

Place of Use: NENW SENW
Sec 08 T 12N R 15E SESW Sec 05
T 12N R 15E

Diversion Means: PUMP,
TROMMEL & SLUICE BOX

If issued, the permit(s) will be
subject to all prior water rights.
Protests against the granting of
any permit must be filed with the
Director of the Idaho
Department of Water Resources,
1041 Blue Lakes Blvd. North,
Twin Falls, Idaho 83301 and
received on or before OCTOBER
5, 1981.

A. KENNETH DUNN, Director
Pub. 9/17 & 9/24/81

RECEIVED

SEP 28 1981

Department of Water Resources
Southern District Office

MICROFILMED

November 22, 1987

GEORGE C. CASTLE
P.O. BOX 3070
KETCHUM, ID 83340

RE: Permit No. 72-7165

Dear Permit Holder(s):

Enclosed herewith is a copy of the Water Right License issued on the above referenced permit.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:sc

Enclosure

RECEIVED

MAR 16 1988

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
LICENSING REPORT

Permit No. _____

1. Measurement Calculations

- a) Field Measurement Calculations (Include theoretical capacities and system capacity)

24,000

- b) Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ _____
 $V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 =$ _____
 $V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$ _____

- c) Volume Calculations for Other Uses:

2. Overlap Review

no overlaps per examiner -

- a) Other water rights with same place of use: _____

- b) Other water rights with same point of diversion: _____

- c) Analysis:

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MAR 16 1988

pd. \$100.
proof fee

10 day

RECOMMENDED AMOUNTS

3.	Permit No.	Priority	Amount	App. Date	Date Proof Submitted	System Capacity
	72-7165	8-7-1981	0.17cfs	8-7-1981	5-19-1986	0.17cfs

4. Permit Holder: George C. Castle

Address: P.O. Box 3070, Ketchum, ID 83340

5. Source: Jordan Creek tributary to Yankee Fork

6. Beneficial Use Mining Period of Use From 3-15 To 10-15 Rate of Diversion Q (cfs) 0.17 cfs Annual Volume V (afa) 24.2 AFA

Allowable Maximums: 0.17 cfs 24.2 AFA

7. Point(s) of Diversion: ☒

No.	Govt. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County
		NW	SE	SW	5	12N	15E	Custer
		NE	NE	NW	8	12N	15E	✓
		NE	SE	NW	8	12N	15E	✓

8. Place(s) of Use ☒

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
12N	15E	5												X					
12N	15E	8					X			X									
Total Acres _____																			

9. Recommended Conditions/Remarks: _____

B08

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MAR 16 1988

10. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other _____

11. Examiner's Signature _____

Date _____

Checked in Regional Office by _____

Date _____

Approved in State Office by K. Walker

Date 9-29-87

GEORGE C. CASTLE
P.O. BOX 3070
KETCHUM, ID 83340

October ²⁷ 22, 1987

RE: Permit No. 72-7165

Dear Permit Holder(s):

Enclosed is a draft copy of the license proposed to be issued on the above referenced water right.

This right is currently being reviewed by this office for licensing. The enclosed preliminary copy is subject to change upon further administrative review.

We ask that you review the proposed license and if you do not concur with the information, please let us know within 10 days.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:sc

Enclosure

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

SEP 16 1987

Department of Water Resources

A. GENERAL INFORMATION

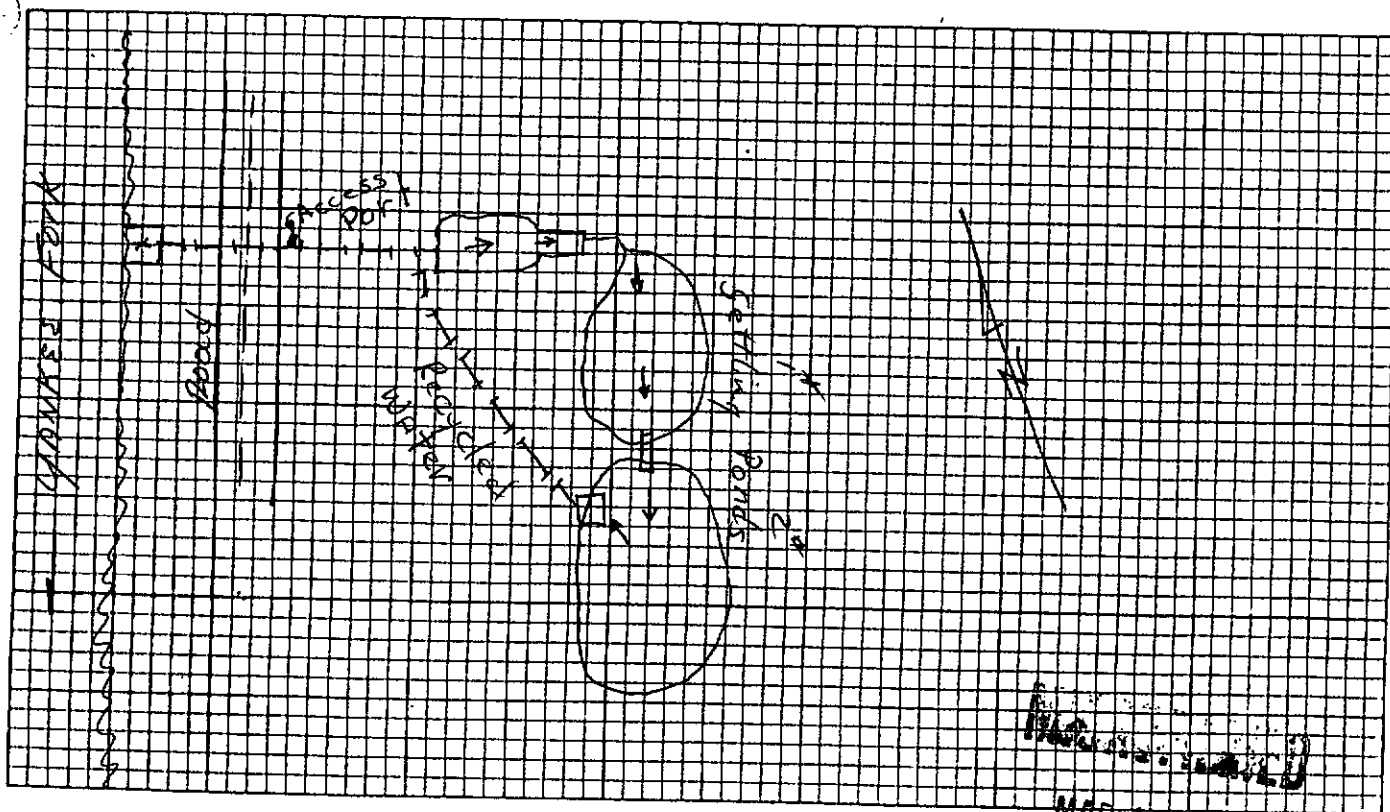
1. Owner: George C. Castle Permit No. 72-7165
Current Address: Box 3070 Ketchum, Ida Phone No. _____
2. Accompanied by: owner EXAM. DATE: 7/29/86
Address: _____ Phone No. 1:00 PM.
Relationship to Permit Holder: _____
3. Source: Jordan Cr. tributary to Yankee Fork

B. OVERLAP REVIEW

1. Other water rights with same place of use: no ☐ Copies Attached
2. Other water rights with same point of diversion: no ☐ Copies Attached ☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

1. Diversion System Diagram: Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable. ☐ Alternative diagram attached



MAR 16 1988

Scale: 1" = _____

2. ☐ Copy of U.S.G.S. 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 or more).
- ☐ Photo of Diversion and System Attached (required for all but single household domestic groundwater, and stockwater).

3. Narrative: Description of system operating at time of measurement. Indicate pressure, number of sprinklers, etc.)
 water is pumped from ~~Jordan Cr.~~ ^{Jordan Cr.} for washing ~~gold~~ ^{gold}. 3" Dia. Line
 thru sluice box. Water retrieved in settling ponds
 and is returned to sluice box by pump.
 water seeps back to Jordan Cr. over night.

☐ See Remarks on page 4 for continuation

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	Briggs Stratton	5	Centrifugal	motor & pump -	
Rediverted	Homelite	5	03400619	Centrifugal pump -	

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

5. Point(s) of Diversion:

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
		NW	SE	SW	5	12N	15E	Custer	
		NW	N2	NW	8	"	"	"	
		Unsurveyed Ground							
		NE	SE	NW	8	12N	15E	Custer	

6. Place(s) of Use:

Indicate Method of Determination

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
12N	15E	5												X					
12N	15E	8					X			X									

RECEIVED

MAR 16 1988

Do not use this space

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements:

2" DIA pvc. pipe from Cr. to Slush Box.
 Anna-Bar would not work. Access port was installed
 5gal bucket method
 5gal 3.76 Sec 5gal 3.9 Sec. AV- 3.85 Sec. = 78 gpm = 0.17 cfs
 5gal 4.0 sec

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

2. Alternate Method for Checking Purposes:

F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: _____ psi x 2.31 = _____ ft (1); Dynamic pumping level: _____ ft (2)

Total Head: (1) + (2) = _____ (3); Flow rate: _____ cfs (4)

Water HP: (3) x (4) ÷ 8.8 = _____ (5)

Meter Input KW: 3.6 x _____ KH x _____ CTR or _____ MULT x _____ PTR x _____ N/ _____ T = _____ (6)

Meter Input HP: (6) x 1.34 = _____ (7)

Panel Input KW: _____ Ave PF x _____ Ave Volts x _____ Ave Amps x .001732 = _____ (6)

Panel Input HP: (6) x 1.34 = _____ (7) Efficiency: (5)/(7) x 100 = _____ %

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

 $V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ _____ $V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 =$ ~~$(0.17)(184 \text{ days})(1.9835) = 62.0$~~ $V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$ ~~$(0.17)(215 \text{ days})(1.9835) = 72.0$~~

2. Volume Calculations for Other Uses:

RECEIVED

MAR 16 1988

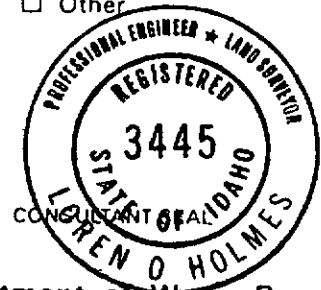
24.17
A-CFT
ANN.

1. Recommended Amounts

2. Recommended Amendments

- ☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

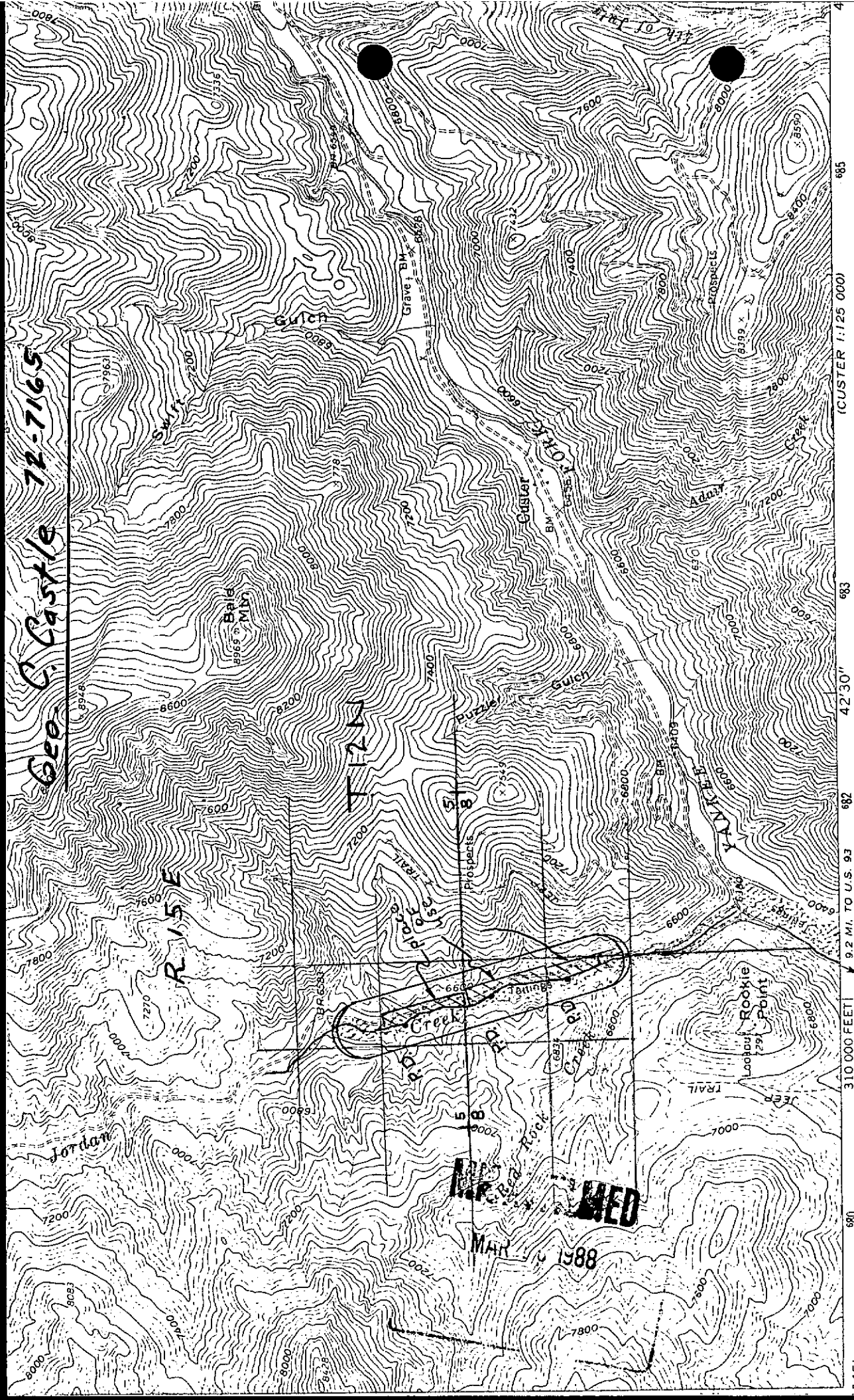
Field Examiner's Name GARY TUNDERBURY
Signature Gary Tunderbury
Certification Date 5/15/87
Field Report Preparation Date 9/10/87



K. Licensing recommendation shall be prepared by an Idaho Department of Water Resources employee on a computer printout attached hereto.

RECEIVED

MAR 16 1988



Mapped, edited, and published by the Geological Survey
 Control by USGS and USC&GS
 Topography by photogrammetric methods from aerial
 photographs taken 1957. Field checked 1963
 Polyconic projection. 1927 North American datum
 10,000-foot grid based on Idaho coordinate system, central zone
 1000-meter Universal Transverse Mercator grid ticks.
 zone 11, shown in blue
 Where omitted, land lines have not been established



Pump Located on Yankee Fork River
Jordan Cr Trib. to K

1st Silt Pond

MAR 16 1961



Sluice Box, discharging into silt Pond.



Discharge Pipe to Lower Pond



Geo. Castle #72-7165

Geo. Castle at Lower Seep Pond.



Pump Returns the water back to Sturce
Bx.

UPPER Silt Pond

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MAR 16 1988

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Staff Analysis Sheet
for
Beneficial Use Field Report

72-7165
Permit No.

RECEIVED

SEP 16 1987

A. Prior to Conducting the Exam, the File Contains:

- ☐ Blank Field Report Form
- ☐ Copy of Permit
- ☐ Copies of any Amendments/Orders with conditions of approval
- ☐ Computer Data Proof Report
- ☐ Copy of U.S.G.S. Quad

Department of Water Resources

- ☐ Check for Government Lots. If so, make a copy of Government Plat

Check of P/D index AD 7/23/86 (Initial and date)

Overlap? ☐ yes ☒ no If yes: ☐ copy of exam(s) attached?

Type of Overlap? ☐ Add acres or uses to existing system
☐ Increase rate of flow or volume
☒ Other: _____

Check of P/U index AD 7/23/86 (Initial and date)

Overlap? ☐ yes ☒ no If yes: ☐ copy of water right(s) attached?

Type of Overlap? ☐ Increase rate of flow or volume
☐ Add P/D's
☐ Increase number of acres within tracts
☒ Other: _____

Aerial Photo

Required? ☐ yes ☒ no If yes: ☐ copy attached?

Scheduling Letter sent? AD 7/23/86 (Initial and date)

- ☐ Appointment made and telephone conversation memo attached

B. After Conducting the Exam, the File Contains:

- ☐ Fully completed and signed Field Report Form
- ☐ Photographs of Point of Diversion and Place of Use
- ☐ Corrected Computer Data Proof Report with recommended license information, and date and signature of examiner.

C. Review and Processing:

Exam Completed AD 7/29/86 (Signature of examiner and date)
Exam Reviewed by Senior Water Resource Agent Adm 6/24/87 (Initial and date)
Exam Reviewed by Manager of Regional Office LR 9/14/87 (Initial and date)
Exam Date Entered in Computer _____ (Initial and date)
Exam sent to State Office _____ (Initial and date)
Copy of Staff Analysis Sheet sent to Manager of Regional Office and Original
Refilled in White File _____ (Initial and date)



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
SOUTHERN REGION

John V. Evans
Governor

1041 Blue Lakes Blvd. North
Twin Falls, Idaho 83301
(208) 734-3578

A. Kenneth Dunn
Director

72-7165
CASTLE, GEORGE C.
BOX 3070
KETCHUM, ID 83340

138185

August 12, 1986

CERTIFIED MAIL

EXAMINATION FEE NOTICE

Dear Permit Holder:

Department records show that proof of beneficial use has been submitted for the above-referenced permit, but that a field examination has not yet been conducted to determine the extent of beneficial use of the water for licensing purposes.

House Bill 671 (effective April 4, 1986) enacted by the 1986 Idaho Legislature requires the payment of a fee before this department can conduct the field examination needed to issue a license confirming use of water under the permit. This letter is notification that the license examination fee is due within sixty (60) days of the date of this letter. The examination fee information sheet (enclosed) must be returned with the fee.

As an alternative to submitting the fee, the department will accept a field examination report completed by a certified water right examiner from the private sector. If you choose to have the examination done by a certified water right examiner, you need not submit the license examination fee to the department, but you must within sixty (60) days of the date of this letter return to the department, the examination fee information sheet showing appropriate information together with a statement from the certified examiner to verify that you have retained a certified examiner to conduct the field examination. If you choose this alternative, a completed field examination report must be submitted within one year of the date of this letter. You cannot later change your decision to use this alternative and submit the fee needed for the department to conduct the field examination, but you may change to another certified examiner.

Certified water right examiners are licensed engineers or geologists certified by the department to conduct water right examinations. The procedure for certifying examiners results from the recently enacted HB 671 and is being developed at this time. A listing of certified water

RECORDED

MAR 16 1988

right examiners will be available from this department when examiners have been certified.

If your permitted use, in fact, has already been examined by the department and you have not asked to have the examination repeated, the fee requirement is not applicable to your permit. If you believe this is the case, please contact the department.

The license examination fee is to be based on the amount of water you indicate you have developed, as listed in item 6 on the examination fee information sheet. The amount of water on which the examination fee is based can be less than the permitted amount, if less water has been diverted and beneficially used. The licensed amount of water, however, will not exceed the amount you claim on the examination fee information sheet. The enclosed license examination fee schedule shows a listing of applicable fees.

FAILURE TO SUBMIT WITHIN THE SIXTY (60) DAY PERIOD, THE FEE OR THE STATEMENT THAT A CERTIFIED EXAMINER HAS BEEN RETAINED TO MAKE THE FIELD EXAMINATION, WILL BE CAUSE TO ADVANCE THE PRIORITY OF THE PERMIT ONE DAY FOR EACH DAY THAT THE FEE SUBMITTAL IS LATE.

FAILURE TO SUBMIT THE FEE OR THE COMPLETED FIELD EXAMINATION REPORT WITHIN A YEAR WILL BE CAUSE TO CONSIDER THE PROOF OF BENEFICIAL USE TO BE INCOMPLETE AND TO LAPSE THE PERMIT.

The attached examination fee information sheet and the fee may be submitted to the following department office.

Southern Region
Idaho Dept. of Water Resources
1041 Blue Lakes Blvd. North
Twin Falls, ID 83301
Phone: 734-3578

Sincerely,

Loren Holmes
LOREN HOLMES
Southern Regional Manager

Enclosures

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MAR 16 1988



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
SOUTHERN REGION

John V. Evans
Governor

A. Kenneth Dunn
Director

1041 Blue Lakes Blvd. North
Twin Falls, Idaho 83301
(208) 734-3578

June 26, 1986

George C. Castle
LBox 3070
Ketchum, ID 83340

RE: 72-7165

Dear Mr. Castle:

We acknowledge receipt of the affidavit submitted as proof of beneficial use for the above referenced permit.

We also acknowledge payment of the field examination fee in the amount of \$100.00, Receipt No. 40296 for the above referenced permit.

Before a license can be issued, a field examination must be made by a representative of this Department. We cannot tell just when this examination will be made, but our examiner will try to contact you at the time he makes the examination so that you may show him the system.

Field examinations must be done while the system is in operation. For this reason we concentrate on irrigation permits during the summer months and do examinations on permits for other uses during the non-irrigating months.

If you have any questions regarding the field examination, please contact our office.

Very truly yours,

Loren O. Holmes, P.E.
Southern Region Supervisor

LOH:MB

MICROFILMED

MAR 16 1988

RECEIVED

MAY 19 1986

RECEIVED

MAY 23 1986

STATE OF IDAHO

RECEIVED

MAY 27 1986

 \$100
 Date 5/19/86
 Receipt # 40296
 Receipt by [Signature]
 Reviewed by [Signature]
 Sent to region 6-18-86

 Department of Water Resources
 Western Regional Office

 Department of Water Resources
 Southern District Office

Department of Water Resources

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. 72-7165Name(s) of Permit Holder: GEORGE C. CASTLEPost Office Address: Box 3070, KETCHUM, ID 83340Telephone No. 726-3770Source of Water: JORDAN CREEK

Extent of Use:

Domestic _____ (number of households)

Stockwater _____ (number and type of stock)

Irrigation _____ (acres)

Other/Remark MININGTotal rate and/or volume for which proof is submitted 1.00 cfs _____ acre-feetShow the date water was first diverted and beneficially used under this permit: 8/1981
 Measuring Device: Required? ☒ Yes ☐ No
 Installed? ☒ Yes ☐ No

 Fee enclosed \$ 100
 (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:

GEORGE C. CASTLE

(Name)

726-3770

(Telephone Number)

Box 3070, KETCHUM, ID 83340
 (Address)

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.

Date

George C. Castle
 Signature of Permit Holder (and title, if appropriate)

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 6-18-86
 [Signature]

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

STATEHOUSE
BOISE, IDAHO 83720
(208) 334-4440

CASTLE, GEORGE C.
BOX 3070
KETCHUM, ID 83340

NOVEMBER 04, 1981

RE: PERMIT NO. 72-7165

DEAR PERMIT HOLDER:

ENCLOSED IS A COPY OF YOUR APPROVED APPLICATION FOR PERMIT. WE DIRECT YOUR ATTENTION TO THE CONDITIONS OF APPROVAL ON THE FOURTH PAGE.

BE SURE TO NOTE THE SPECIAL CONDITION REQUIRING YOU TO INSTALL A MEASURING DEVICE, OR AN ACCESS PORT TO PROVIDE FOR THE INSTALLATION OF MEASURING EQUIPMENT BY THE DEPARTMENT. ENCLOSED PLEASE FIND A LIST OF MEASURING DEVICE OPTIONS, AND SPECIFICATIONS FOR THE INSTALLATION OF THE ACCESS PORT.

WE HAVE ENCLOSED A FORM ENTITLED "MAKING PROOF OF BENEFICIAL USE". PLEASE READ THE INSTRUCTIONS CAREFULLY SINCE YOU MUST TAKE FURTHER ACTION TO DEVELOP THIS PERMIT INTO A LICENSE.

SINCERELY,

DAVID R. TUTHILL, JR., P.E.
SUPERVISOR, WATER ALLOCATION SECTION

ENCLOSURE

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State of Idaho
Department of Water Resources

APPLICATION FOR PERMIT ANALYSIS SHEET

George C. Castle

INITIAL REVIEW BY: J F Stanton

APPLICATION NUMBER: 72-7165

CHECK:

- ☒ Source.
☒ Point of diversion.
☒ County.
☒ Quantity of water and period of use.
☒ Description of diverting works.
☒ Time required for beneficial use of water.
☒ Place of use or acres irrigated.
☒ Map.
☒ Signature.
☒ Fee.
☐ Yes ☒ No Field check required.
☐ Yes ☒ No Critical groundwater area.
☐ Yes ☒ No Request dam safety information. Sent by: _____ Date: _____
☒ Yes ☐ No* In form to receipt.

Field check by: _____

Date: _____

Comments: _____

*REQUEST THE FOLLOWING ADDITIONAL INFORMATION FROM THE APPLICANT: _____

SEND COPIES TO:

- ☐ Idaho State Health Department.
☒ Idaho Fish and Game Department.
☐ Idaho Department of Lands.
☐ U.S. Bureau of Land Management.
☒ U.S. Forest Service.
☐ Other dept lands

Copies sent by: manya

Date: 9/11/81

manya

9/11/81

manya

9/11/81

manya

9/11/81

PROCESSING:

- ☐ Yes ☒ No
☐ Yes ☐ No

Platted by: g

Map No. U-21

Other rights on same place of use. N/A

- ☐ Yes ☐ No*

In form for advertising.

Final date for protests: 10/5/81 ✓

- ☐ Yes ☒ No

Protests received. If yes, record information on 4th page of application.

FINAL REGIONAL PROCESSING REVIEW:

- ☒ Affidavit of publication received. Date: 9/28/81 ✓
☒ Application published correctly. If not, record action taken: _____
☒ Fee amount, receipt date & number, recorded on application.
☒ Publication dates and paper, recorded on application.
☒ Protests, dates, withdrawal, etc., recorded on application.
☒ Recommendation & initial, recorded on application.

- ☐ Yes ☐ No

Measuring device required.

- ☐ Yes ☐ No

Access port required.

- ☐ Yes ☐ No

Will water be delivered by watermaster? If yes, what district? _____

- ☒ 8/7/81

Date of priority recommended.

Special conditions of approval or cover letter. OIC, 09, 04

By: ADM

Date: 10/7/81

STATE OFFICE REVIEW:

SLW/LO3

OIC, 04, 09D

- ☐ See attached sheet for more information.

By: Reyn

Date: 10/22/81

OCT 09 1981

Department of Water Resources



STATE OF IDAHO

DEPARTMENT OF FISH AND GAME

REGION 6
1515 LINCOLN ROAD
IDAHO FALLS, IDAHO 83401

September 28, 1981

Mr. Loren O. Holmes
Southern Region Supervisor
Department of Water Resources
1041 Blue Lakes Blvd. North
Twin Falls, ID 83301

RECEIVED

OCT 1 1981

Re: 72-7165
George C. Castle

Department of Water Resources
Southern District Office

Dear Loren:

Department of Fish and Game have reviewed this application to pump 1 cfs of water from Jordan Creek for mining purposes. We have no objections to this diversion.

Thank you for the opportunity to review and comment on this application.

Sincerely,

Tom Reinecker
Regional Supervisor
Region 6

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
SOUTHERN REGION

John V. Evans
Governor

C. Stephen Allred
Director

1041 Blue Lakes Blvd. North
Twin Falls, Idaho 83301
(208) 734-3578

September 11, 1981

Mr. Bob Bell, Regional Fisheries Biologist
Idaho Fish & Game Department
Region #4
P. O. Box 428
Jerome, Idaho 83338

Re: Application for Permit No. 72-7165

Dear Mr. Bell:

Please find enclosed a copy of the above referenced application for permit for your information and files.

Sincerely,

Mary A. Hill
Secretary

for

Loren O. Holmes
Southern Region Supervisor

Encl:

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
SOUTHERN REGION

John V. Evans
Governor

1041 Blue Lakes Blvd. North
Twin Falls, Idaho 83301
(208) 734-3578

C. Stephen Allred
Director

September 11, 1981

Mr. Jack Bills, Supervisor
Challis National Forest
Challis, Idaho 83226

Re: Application for Permit No. 72-7165

Dear Mr. Bills:

Enclosed please find a copy of the above referenced application for permit for your information and files.

Sincerely,

Mary A. Hill
Sr. Secretary

for

Loren O. Holmes
Southern Region Supervisor

Encl:

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
SOUTHERN REGION

John V. Evans
Governor

C. Stephen Allred
Director

1041 Blue Lakes Blvd. North
Twin Falls, Idaho 83301
(208) 734-3578

September 11, 1981

Department of Health & Welfare
Division of Environment - Custer County
636 Pershing
Pocatello, Idaho 83201

Re: Application for Permit No. 72-7165

Gentlemen:

Enclosed please find a copy of the above referenced Application for Permit for your information and files.

Sincerely,

Mary A. Hill
Sr. Secretary

for

Loren O. Holmes
Southern Region Supervisor

Encl:

MICROFILMED



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
SOUTHERN REGION

John V. Evans
Governor

C. Stephen Allred
Director

1041 Blue Lakes Blvd. North
Twin Falls, Idaho 83301
(208) 734-3578

September 11, 1981

Larry Jones
Department of Lands
Statehouse
Boise, Idaho 83720

Re: Application for Permit No. 72-7165

Dear Mr. Jones:

Enclosed please find a copy of the above referenced Application for Permit for your information and files.

Sincerely,

Mary A. Hill
Sr. Secretary

for

Loren O. Holmes
Southern Region Supervisor

Encl:

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Southern Region

1041 Blue Lakes Blvd N.
Twin Falls, Idaho 83301
(208) 734-3578

SEPTEMBER 10, 1981

Custer Publishing Company
P. O. Box 405
Challis, Idaho 83226

Gentlemen:

Enclosed you will find a legal notice which we wish to have published on the dates indicated (once a week for two consecutive weekly issues) in your newspaper. We have allowed ample time for you to submit a galley proof to this office for review before the first publication date. If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Your cooperation is appreciated.

Please send the affidavit of publication and publication billing to this office before OCTOBER 5, 1981.

Yours truly,

Mary A. Hill
Secretary

Encl.

MICROFILMED

NOTICE OF APPLICATION FOR WATER RIGHT

Notice is hereby given that the following application(s) have been submitted for permit to appropriate the public waters of the State of Idaho:

22-7165

CASTLE, GEORGE C.

BOX 3070, KETCHUM, ID 83340

Source: JORDAN CREEK tributary to YANKEE FORK

Date Filed: 08/07/1981

Amount: 1.00 CFS

Diversion Point: NENW SENW Sec 08 T 12N R 15E SESW Sec 05 T 12N R 15E,
CUSTER Co.

Use: MINING (1.00 CFS) from 03/15 to 10/15

Place of Use: NENW SENW Sec 08 T 12N R 15E SESW Sec 05 T 12N R 15E

Diversion Means: PUMP, TROMMEL & SLUICE BOX

If issued, the permit(s) will be subject to all prior water rights. Protests against the granting of any permit must be filed with the Director of the Idaho Department of Water Resources, 1041 Blue Lakes Blvd. North, Twin Falls, Idaho 83301 and received on or before OCTOBER 5, 1981.

A. KENNETH DUNN

Director

Published 9/17 & 9/24/81.

MICROFILMED

**NOTICE OF APPLICATION
FOR WATER RIGHT**

Notice is hereby given that the following application(s) have been submitted for permit to appropriate the public waters of the State of Idaho:

72-7165

CASTLE, GEORGE C.
BOX 3070, KETCHUM, ID
83340

Source: JORDAN CREEK
tributary to YANKEE FORK

Date Filed: 08/07/1981

Amount: 1.00 CFS

Diversion Point: NENW
SENW Sec 08 T 12N R 15E SESW
Sec 05 T 12N R 15E, CUSTER
Co.

Use: MINING (1.00 CFS)
from 3/15 to 10/15

Place of Use: NENW SENW
Sec 08 T 12N R 15E SESW Sec 05
T 12N R 15E

Diversion Means: PUMP,
TROMMEL & SLUICE BOX

If issued, the permit(s) will be
subject to all prior water rights.
Protests against the granting of
any permit must be filed with the
Director of the Idaho
Department of Water Resources,
1041 Blue Lakes Blvd. North,
Twin Falls, Idaho 83301 and
received on or before OCTOBER
5, 1981.

A. KENNETH DUNN, Director
Pub. 9/17 & 9/24/81

*ok
margy
9/18/81*