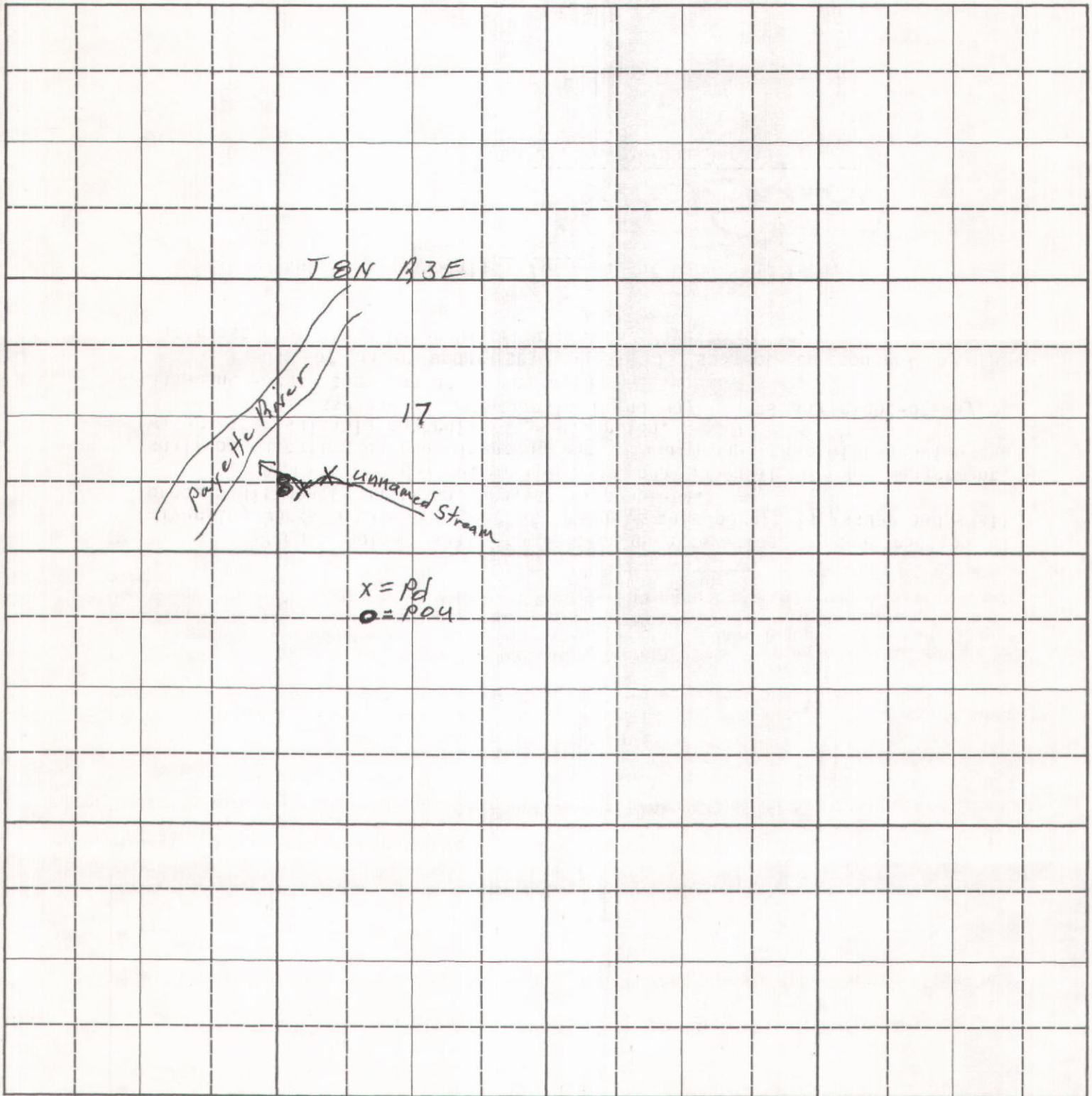


13. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



Scale: 2 inches equal 1 mile.

MICROFILMED

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.

Stanley N. Stubbfield
(Applicant)

SUBJECT

TO

FROM

NOTICE OF APPLICATION
FOR WATER RIGHT

The following application(s) have been filed
to appropriate the public waters of the State
of Idaho:

65-12748 ✓ 48

STUBBLEFIELD, STANLEY N.

320 N. LIBERTY, BOISE, ID 83704

Source: UNNAMED STREAM trib. to PAY-
ETTE RIVER

Date Filed 10-09-1985

Diversion Pt: SWSW NWSW Sec 17 T
08N R 03E

Use: DOMESTIC (0.04 CFS)

In: NWSW SWSW Sec 17 T 08N R 03E

The permit(s) will be subject to all prior
water rights. Protests must be filed with the
Director, Dept. of Water Resources, Western
Region, Statehouse, Boise, Idaho 83720 on or
before NOVEMBER 4, 1985.

KEN DUNN, Dir.

Published in the Idaho World, Idaho City,
Idaho October 16 and 23, 1985.

DATE

INTER-DEPARTMENT MEMO — 1

SIGNATURE

ous

Sec. 1.

Sec. 18.

19.

Sec. 30.

Survey

by

Abraham

L

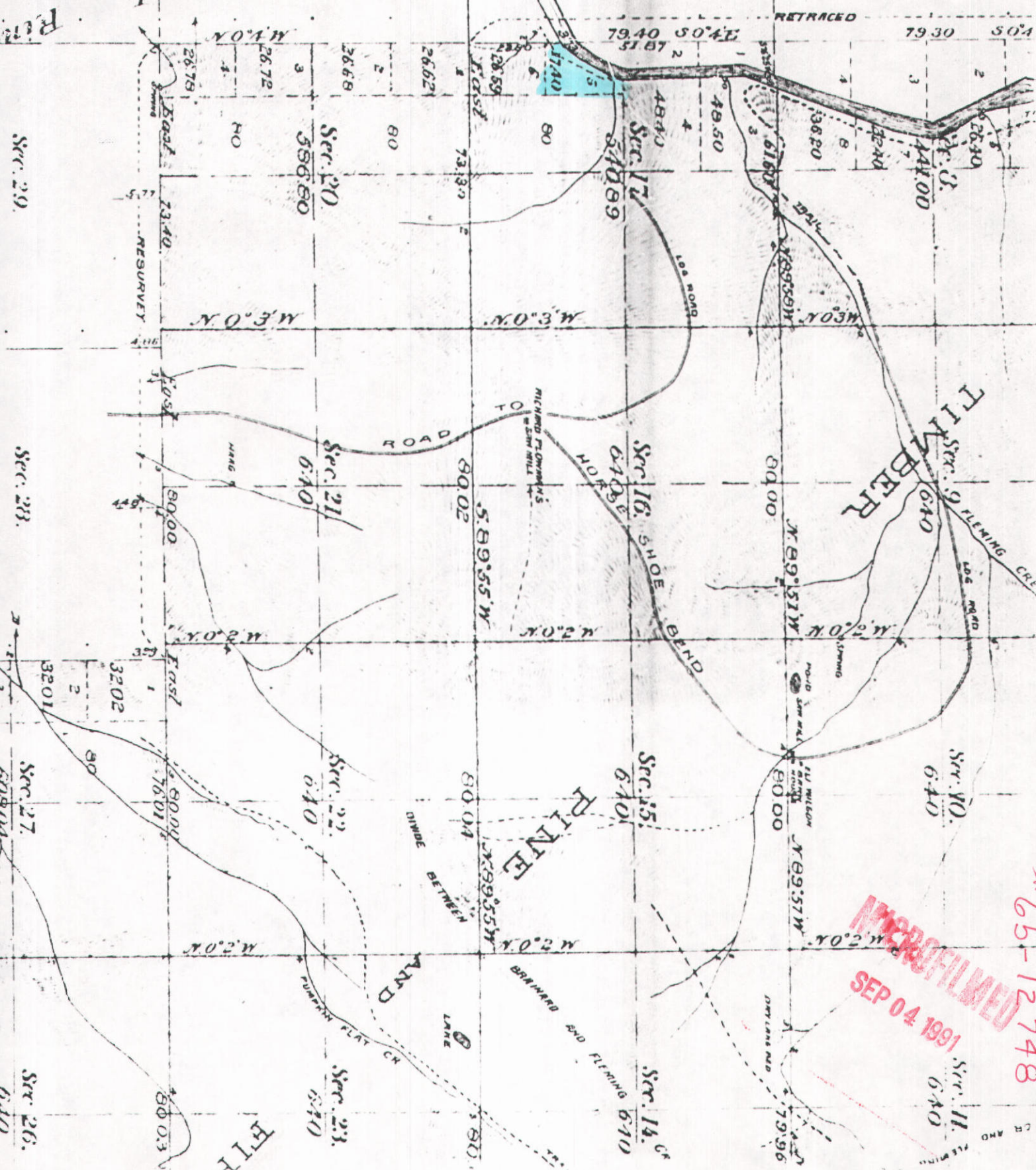
Rum

Sec. 29.

Sec. 28.

Sec. 27.

Sec. 26.



REPROFILMED
SEP 04 1991

#65-12748

Sec. 11.

CR AND PL

PERMIT 65-12 748 INIT KKC
T. R. S. Q/Q
P/D BN 3E 17 NW/SW SW/SW
SCALE _____
PHOTO ID. _____

P/U

P/D

MICROFILMED

SEP 04 1991

2705

4878

4877

2' 30"

4876

4875

4874

4873000m N

65-12748

PICTURE # 1

This picture shows the diversion works in the stream. The line goes under ground at this point. This picture is looking east.



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SEP 04 1991

PICTURE # 2

This picture was taken from the P/D and is looking west toward the P/U. The line is buried in the graded area running to the trailer.



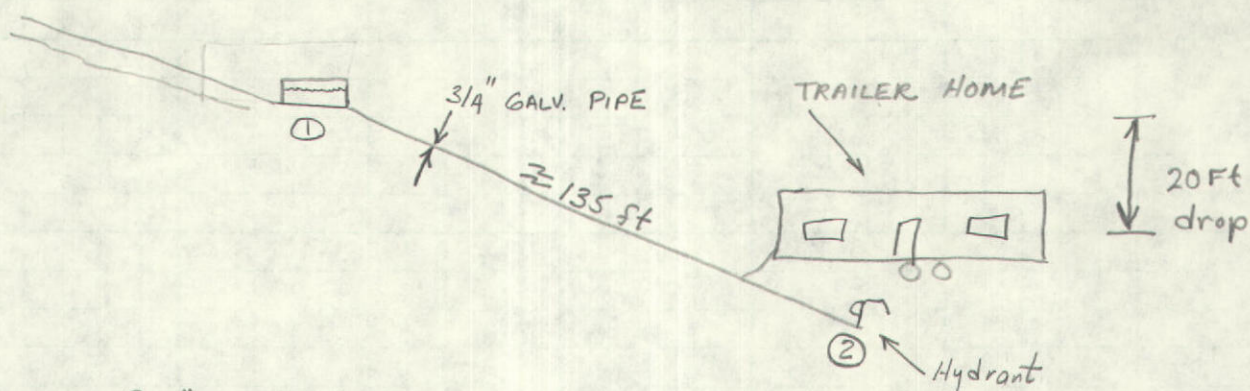
PICTURE # 3

This picture is looking northeast and shows the relationship between the trailer, the P/D, and the hillside.

P/D

MICROFILMED
SEP 04 1991

GIVEN! Spring collection box with buried line to a trailer home.



3/4" DIA GALV Pipe

Lgth - 135 ft.

Drop - 20 Ft

$$\frac{V_1^2}{2g} + \frac{P_1}{\gamma_1} + Z_1 = \frac{V_2^2}{2g} + \frac{P_2}{\gamma_2} + Z_2 + h_L$$

Z = elevation (ft)

V = Velocity (ft/s)

g = accel of gravity

h_L = pipe friction loss (ft)

$$Z_1 - Z_2 = \frac{V_2^2}{2g} + h_L$$

Darcy-Weisback Eq. $h_L = \frac{V^2}{2g} [f \frac{L}{D} + K_{Loss}]$

f = resistance coef.

L = pipe length

D = Pipe Dia

K = Fitting loss

g = accel of gravity 32.2 ft/s²

$$h_L = \frac{V^2}{2g} [f \frac{135 \text{ ft}}{.0625 \text{ ft}} + K]$$

$$K = .5 + 1. \text{ entrance Misc Fittings}$$

$$K = 1.5$$

$$h_L = \frac{V_2^2}{2g} [2160 f + 1.5]$$

SEP 04 1991

$$Z_1 - Z_2 = \frac{V_2^2}{2g} + \frac{V_2^2}{2g} (1.5) + \frac{V_2^2}{2g} 2160 f$$

$$Z_1 - Z_2 = 2.5 \frac{V_2^2}{2g} + \frac{V_2^2}{2g} 2160 f$$





State of Idaho

DEPARTMENT OF WATER RESOURCES

WESTERN REGION, 450 W. State Street, Boise, Idaho

JOHN V. EVANS
Governor

A. KENNETH DUNN
Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 334-2190

October 10, 1985

J. S. Tixier
Regional Forester
U. S. Dept. of Agri.
Forest Service
324 25th St.
Ogden, UT 84401

Re: Permit No. 65-12748/Stubblefield

Dear Mr. Tixier:

Enclosed is a copy of the above referenced application for permit which may be of interest to your agency. Please review the application and submit any comments you may have.

This office normally completes the processing of an application within a six-week period and is required to take final action shortly thereafter, however, if your agency desires to file a formal protest against the approval of this application, your written protest must be received in this office by November 4, 1985.

If you have any questions regarding the application, please contact this office.

Sincerely,

DAVID R. TUTHILL, JR., P. E.
Western Region Supervisor

DRT:jp

Enclosure

MICROFILMED



State of Idaho

DEPARTMENT OF WATER RESOURCES

WESTERN REGION, 450 W. State Street, Boise, Idaho

JOHN V. EVANS
Governor

A. KENNETH DUNN
Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 334-2190

October 10, 1985

Vincent S. Strobel
Bureau of Land Management
Idaho State Office
3380 Americana Terrace
Boise, ID 83706

Re: Permit No. 65-12748/Stubblefield

Dear Mr. Strobel:

Enclosed is a copy of the above referenced application for permit which may be of interest to your agency. Please review the application and submit any comments you may have.

This office normally completes the processing of an application within a six-week period and is required to take final action shortly thereafter, however, if your agency desires to file a formal protest against the approval of this application, your written protest must be received in this office by

November 4, 1985.

If you have any questions regarding the application, please contact this office.

Sincerely,

DAVID R. TUTHILL, JR., P. E.
Western Region Supervisor

DRT:jp

Enclosure

MICROFILMED

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 65-12748

Priority: October 9, 1985

Maximum Diversion Rate:

0.02 CFS

Maximum Diversion Volume:¹

1.2 AF

This is to certify, that STANLEY N. STUBBLEFIELD

320 N. LIBERTY

BOISE, ID 837040000

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated October 9, 1985; and has submitted Proof of Beneficial Use on April 19, 1989. An examination indicates that the works have a diversion capacity of .020 cfs of water from:

UNNAMED STREAM

tributary to PAYETTE 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>
DOMESTIC	01/01 to 12/31	0.02 CFS	1.2 AF

LOCATION OF POINT(S) OF DIVERSION: LOT 5 (SENWSW), Sec. 17, Township 08N, Range 03E
BOISE County

PLACE OF USE: DOMESTIC

TWN RGE SEC

08N 03E 17 LOT 5 (NWSW)

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. Use of water under this water right is subject to control by the watermaster of State Water District No. 65
6. Domestic use is for 1 home.

MAINTAINED

SEP 04 1991

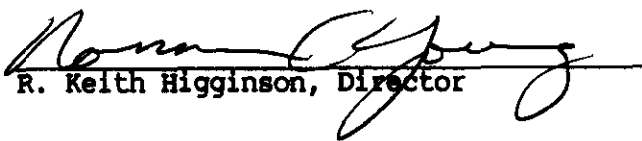
State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 65-12748

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 28TH
day of AUGUST, 1991.

Acting for


R. Keith Higginson, Director

SEP 04 1991

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 Stanley N. Stubblefield Phone 377-1942
Post office address 320 N. Liberty Boise, ID 83704

2. Source of water supply unnamed stream which is a tributary of Payette River

3. Location of point of diversion is _____ ¼ of SW ¼ of SW ¼, Govt. Lot _____
Sec 17 Township 8N Range 3E B.M. Boise County; additional
points of diversion if any: NW ¼, Sec. 17, T. 8N, Rge. 3E.

4 Water will be used for the following purposes:

Amount .04 for Domestic 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 is (a) .04 cfs and/or (b) _____
cubic feet per second acre feet per annum

6. Proposed diverting works:

a Description of ditches, flumes, pumps, headgates, etc. collection box into pipeline
to home

b. Height of storage dam _____ feet, active reservoir capacity _____ acre-feet, total
reservoir capacity _____ acre-feet; period of year when water will be diverted to storage:
_____ to _____ inclusive.

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

d. Is ground water with a temperature of greater than 90°F being sought? _____

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).

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

- c. Municipal; show name of municipality.
- d. Domestic; show number of households.

TWP	RANGE	SEC	NE%	NW%	SE%	SW%	NE%	NW%	SE%	SW%	NE%	NW%	SE%	SW%	TOTALS
8N	3E	17						X		X					

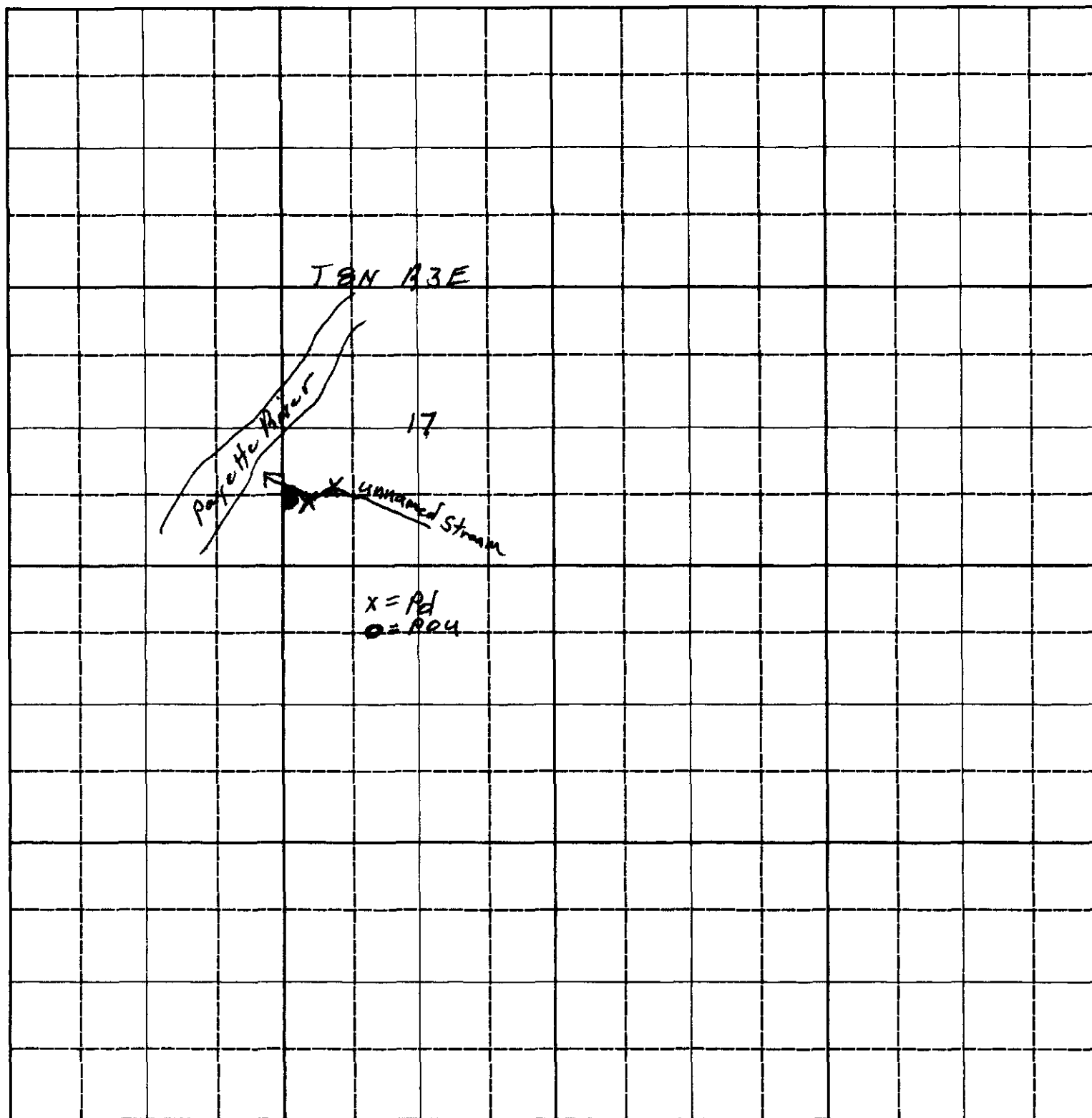
10 Describe any other water rights used for the same purposes as described above.

- b. Who owns the land to be irrigated or place of use? _____

applicant to make this filing.

- Remarks: _____

13. 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

MICROFIL MFD

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.

Stanley H. Stebbins
(Applicant)

Proposed Priority 10/9/85

Received by 65

Date 10/9/85

Time 11:30

Preliminary check by

MICROFILMED

Fee \$ 30.00

Received by 38

36165

Date 10/9/85

Publication prepared by JP

Date 10/10/85

Published in The Idaho World

10/16 & 10/23/85

Publication approved 55

Date 10/28/85

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. 65-12748 APPROVED 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

December 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. The water right acquired under this permit if for hydropower purposes shall be junior and subordinate to all rights to the use of water, other than hydropower, within the State of Idaho that are initiated later in time than the priority of this permit and shall not give rise to any right or claim against any future rights to the use of water, other than hydropower, within the State of Idaho initiated later in time than the priority of this permit

e. Other: Permit holder shall commence the excavation or construction of diverting works within one year of the date this permit is issued and shall

proceed diligently until the project is complete.

A lockable device, subject to the approval of the Department, shall be installed on the diverting works in a manner that will provide the

watermaster suitable control of the diversion.

The issuance of this permit in no way grants any right-of-way or easement across the land of another.

Use of water under this permit is subject to control by the

watermaster of State Water District No. 65, Payette River.

Witness my hand this 4th day of December, 1985.

A. Alan Saylor
Chief, Operations Bureau

STATE OF IDAHO,
County of Boise }

Ray Gentry, being
duly sworn, deposes and says:
that he is the manager and prin-
cipal clerk of THE IDAHO
WORLD, a weekly newspaper
published at Idaho City, in the
County of Boise and State of Ida-
ho; that said paper has been and
is in general circulation in the
county aforesaid, and in the vi-
cinity of Idaho City; that the
advertisement, a copy of which is
hereto attached, was published in
said newspaper once a week for
..... consecutive weeks in
the entire and regular issue of
every number of said paper dur-
ing the period and time of publi-
cation and was published in the
newspaper and not a supplement;
that said paper has been estab-
lished and regularly and continu-
ously published for more than
seventy-eight weeks past previ-
ous to the first publication of
this notice. Such notice was pub-
lished in the issue beginning with

Oct. 16..., 19*85*. and end-
ing with the issue of *Oct. 23*.

19*85*.

Ray Gentry

Subscribed and sworn to before

me this *23* day of *Oct*, 19*85*.

Frank J. ...
Idaho City Id.
4/20/91

MICROFILMED

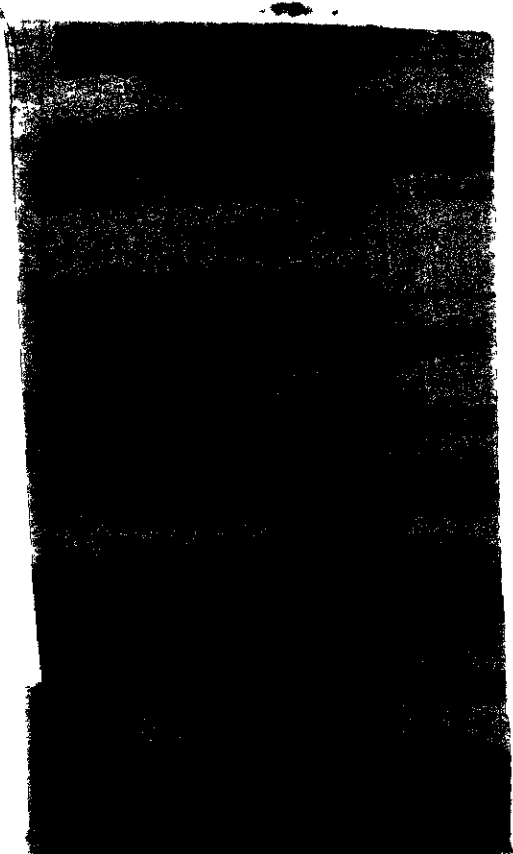
INTER-DEPARTMENT MEMO — 1

DATE

FROM

TO

SUBJECT



SIGNATURE

August 29, 1991

STANLEY N. STUBBLEFIELD
320 N. LIBERTY
BOISE ID 837040000

RE: WATER RIGHT NO. 65-12748

Dear Water Right Holder(s):

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

Sincerely,

SHARLA CURTIS
Technical Records Specialist

SC:blm

Enclosure

NOTED
SEP 04 1991

August 13, 1991

STANLEY N. STUBBLEFIELD
320 N. LIBERTY
BOISE, ID 837040000

RE: WATER RIGHT NO. 65-12748

Dear Water Right 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,

SHARLA CURTIS
Technical Records Specialist

SC:blm

Enclosure

SEP 04 1991

LICENSE REVIEW CHECKLIST

Permit No. 25-12748

Name/Address change? ok ✓

Priority date Advance? yes no ✓

Memo to advance n/a

Order to reinstate needed? yes no ✓

Total cfs Limited by fee n/a

Limited by capacity ✓

Total volume Limited by flow ✓

Chart checked for AF rate/ac n/a

Capacity Actual measurement checked ✓

Theoretical checked ✓

If greater than permit, check for other rts n/a

Source Changed? yes no ✓

If so, is memo needed to clarify? n/a

P/D Verify with map ✓ permit ✓

More than one per 44? Remember remark n/a

Check p/d overlap n/a

Uses Check irrigation period of use w/ chart n/a

P/U Verify with map ✓ permit ✓

> 5 acres irrigated, run overlap n/a

Remarks More than one p/d in 44 n/a

Description of non-irrig uses ✓

Special overlap condition

Conditions -

Measuring device ✓

W.Master control ✓

Overlap

Water quality

Other ✓

Dates/Misc. -

Water Dist ✓

App Rec'd ✓

Proof Rec'd ✓

CHECK FOR ADJ. CLAIM

Needed according to proof filed

Filed - needs amended

Add'l fee required

Not filed -

Not needed ✓

Comments/Changes to Examiner's Recommendations:

License 10-day ✓ 30-day

Back of field report signed?

Reviewer Seibert Date 8/1/91 Rec'd 04/100 min.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

65-12748
Permit No.

Staff Analysis Sheet
for
Beneficial Use Field Report

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

NO Well Inspection Form Needed

- ☒ Copy of U.S.G.S. Quad

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

Check of P/D index 5-29-90 KKC (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 _____ (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? _____ (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

C. Review and Processing:

Exam Completed 9-24-90 Kelly K. Christensen (Signature of examiner and date)

Exam Reviewed by Senior Water Resource Agent JFW 1/27/91 (Initial and date)

Exam Reviewed by Manager of Regional Office Don 2/22/91 (Initial and date)

Exam Date Entered in Computer ✓ ST (Initial and date)

Exam sent to State Office 3-8-91 ST (Initial and date)

SEP 04 1991

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
MAR 13 1991

A. GENERAL INFORMATION

Department of Water Resources
Permit No. 65-12748

1. Owner: STAN STUBBLE FIELD Phone No. 377-1942
Current Address: 320 N. LIBERTY BOISE ID. 83704
2. Accompanied by: NO ONE EXAM. DATE: 5-29-90
Address: _____ Phone No. _____
Relationship to Permit Holder: _____

3. Source: UNNAMED STREAM tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: 65-5326 SAME Q/Q diff
System ☐ Copies Attached
2. Other water rights with same point of diversion: 65-5326 SAME
☐ 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
SEE PHOTOS

RECEIVED
SEP 04 1991

Scale: 1" = _____

2. ☒ Copy of U.S.G.S. Quadrangle Attached ☐ Aerial Photo Attached
Showing location(s) of point(s) of diversion and (required for irrigation of 10 acres or more).
place(s) of use (required)
☒ Photo of Diversion and System Attached
(required for all but single household domestic groundwater, and stockwater.

3 Narrative: Description (As operating at time of measurement. Indicate pressure, number of sprinklers, etc.)

THE SYSTEM IS A LEVEE FROM AN UNIMPAVED STREAM WITH A BURIED LINE FROM A CEMENT COLLECTION BOX TO THE TRAILER. THE LINE COMES INTO THE TRAILER IS A 3/4" GALVANIZED STEEL LINE. THE COLLECTION BOX IS APPROX. 135 FT WEST OF THE TRAILER THE FALL FROM THE SPRING TO THE CUBIN IS APPROX. 20 FT. ONE FOOT FREE HYDRAUNT WAS FOUND AT THE SOUTHEAST CORNER OF THE TRAILER. GROUND IRRIGATED IS LESS THAN 1/3 ACRE.

☐ See Remarks on page 4 for continuation

☐ See Remarks on page 4 for continuation

Well or Diversion Identification No.*	GRAVITY	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	SYSTEM					

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

5. Point(s) of Diversion:

[illegible]

6. Place(s) of Use:

Indicate Method of Determination

[illegible]

Do not use this space

SEP 04 1997

CONFIDENTIAL

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
NO MEASUREMENT MADE						

2. Measurements:

THEORETICAL CALCULATION USING THE TABLES IN
 "FLOW RATE (GPM) FOR GRAVITY SYSTEMS"
 VALUES AVAILABLE ARE FOR 1/2" AND 1"
 VALUES FOR 3/4" ARE INTERPOLATED

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method: FOR 1" = 14.7 GPM (15' FALL)
 FOR 1/2" = 2.4 GPM IN 15' RUN) + 2.4 GPM
 DIFF = 7.3 GPM / 2 = 3.65 GPM
 6.05 GPM / 448.8 = 0.0135 CFS
 ≈ 0.02 CFS
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.

$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ _____

$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 =$ _____

$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} =$ _____

2. Volume Calculations for Other Uses:

DOMESTIC
 HOME WITH IRRIGATION
 1.2 AFA

MICROFILMED
 SEP 04 1991

H. REMARKS AND OVERLAP REVIEW ANALYSIS

65-5326 WAS FOR PROPERTY JUST SOUTH OF THIS PERMIT NO OTHER RIGHTS WERE FOUND.
ONLY 1 P/D & 1 P/U FOUND
ALL WITHIN LOT 5.

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use From To	Rate of Diversion Q (cfs)	Annual Volume V (afa)
DOMESTIC	1-1 12-31	0.02 cfs	1.8 AFA

Totals: 0.02 cfs 1.2 AFA

2. Recommended Amendments

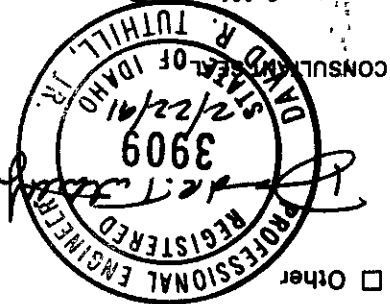
- ☐ Change P.D. as reflected above
- ☐ Add P.D. as reflected above
- ☒ None
- ☐ Change P.U. as reflected above
- ☐ Add P.U. as reflected above
- ☐ Other

J. AUTHENTICATION

Field Examiner's Name
Signature
Certification Date
Field Report Preparation Date

Kelly K. Christensen
Kelly K. Christensen

7-24-90



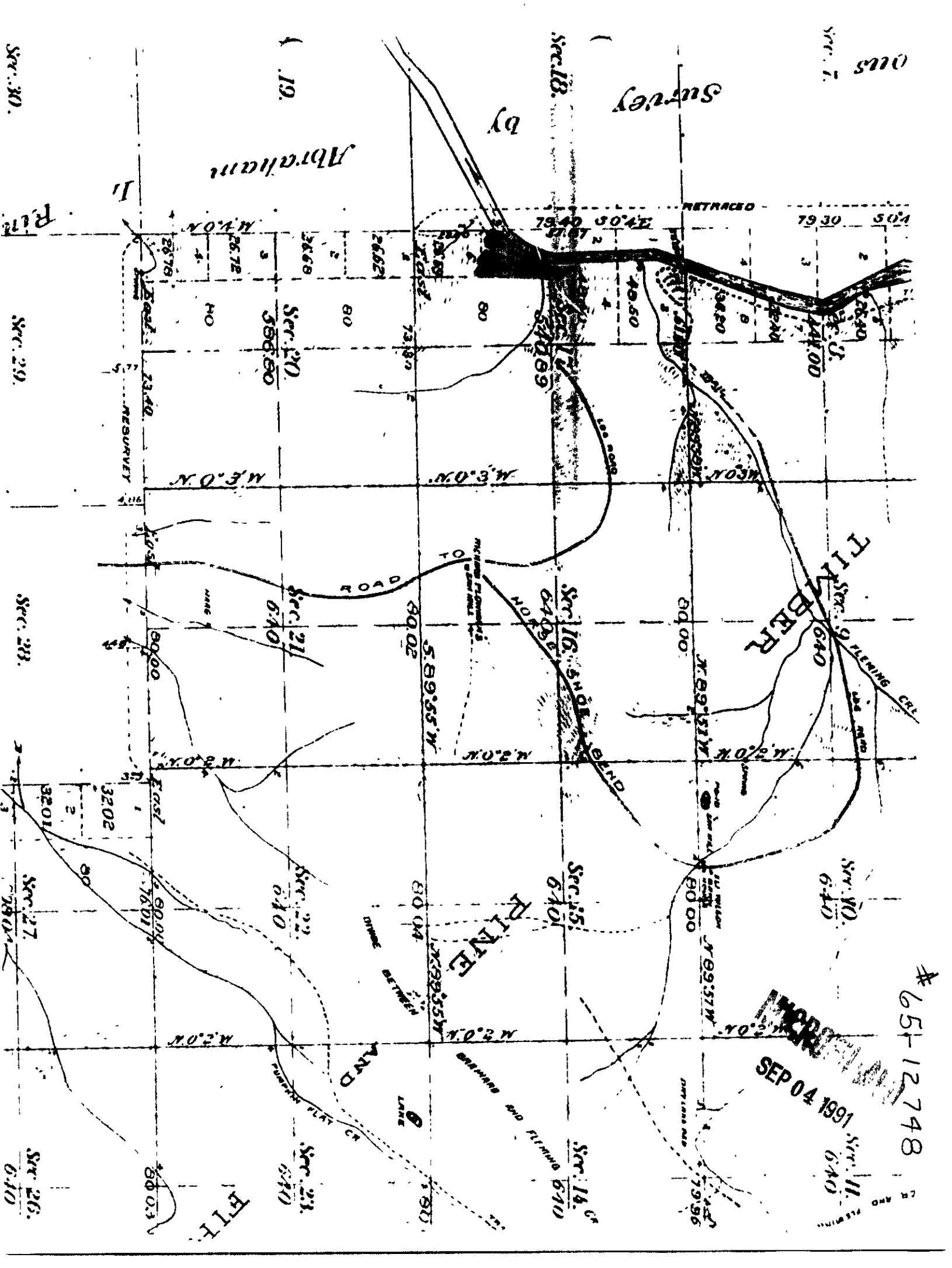
K. Licensing recommendation shall be prepared by an Idaho Department of Water Resources employee on a computer printout attached hereto.

MICROFILMED

SEP 04 1991

#65-12748

SEP 04 1891



PERMIT 65 2148 INIT KKC
T. R. S. Q/Q
P/D 8N 1E 17 11.1/5W SW/SN
SCALE _____
PHOTO ID. _____

4878

4877

2' 30"

4876

4875

4874

20

4873000m N

SEP 04 1997

65-12748

PICTURE # 1

This picture shows the diversion works in the stream. The line goes under ground at this point. This picture is looking east.



MICROFILMED
SEP 04 1991

65-12748

PICTURE # 2

This picture was taken from the P/D and is looking west toward the P/U. The line is buried in the graded area running to the trailer.



PICTURE # 3

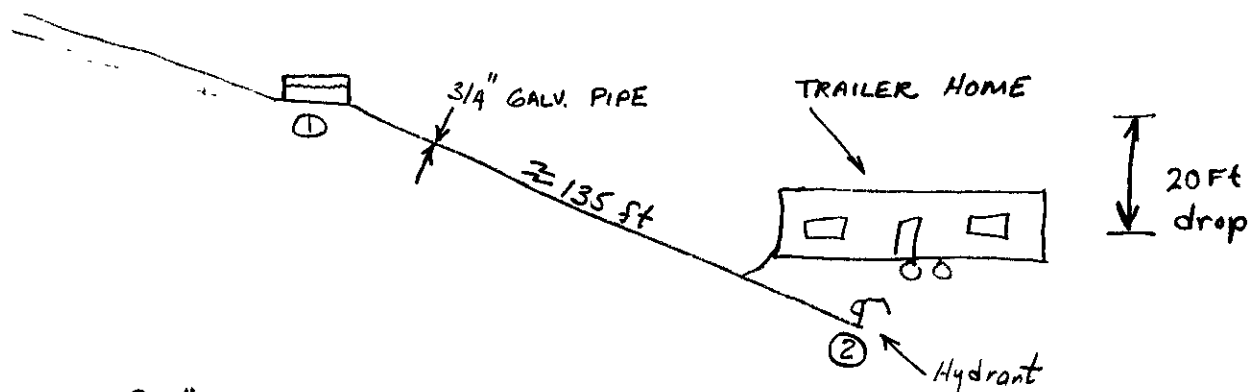
This picture is looking northeast and shows the relationship between the trailer, the P/D, and the hillside.

P/D



RECEIVED
SEP 04 1991

GIVEN: Spring collection box with buried line to a trailer home.



3/4" DIA GALV. Pipe
 Lgth - 135 ft.
 Drop - 20 Ft

$$\frac{V_1^2}{2g} + \frac{P_1}{\gamma_1} + Z_1 = \frac{V_2^2}{2g} + \frac{P_2}{\gamma_2} + Z_2 + h_L$$

Z = elevation (ft)
 V = Velocity (ft/s)
 g = accel of gravity
 h_L = pipe friction loss (ft)

$$Z_1 - Z_2 = \frac{V_2^2}{2g} + h_L$$

Darcy-Weisback Eq. $h_L = \frac{V^2}{2g} [f \frac{L}{D} + K_{Loss}]$

f = resistance coef.

L = pipe length

D = Pipe Dia

K = Fitting loss

g = accel of gravity 32.2 ft/s^2

$$h_L = \frac{V^2}{2g} [f \frac{135 \text{ ft}}{.0625 \text{ ft}} + K]$$

$$K = .5 + 1. \text{ entrance Misc Fittings}$$

$$K = 1.5$$

$$h_L = \frac{V_2^2}{2g} [2160 f + 1.5]$$

SEP 04 1991 $Z_1 - Z_2 = \frac{V_2^2}{2g} + \frac{V_2^2}{2g} (1.5) + \frac{V_2^2}{2g} 2160 f$

$$Z_1 - Z_2 = 2.5 \frac{V_2^2}{2g} + \frac{V_2^2}{2g} 2160 f$$

$$20 \text{ ft} = 2.5 \frac{V^2}{2g} + \frac{V^2}{2g} 2160 \text{ f}$$

$$(2g) 20 \text{ ft} = V^2 [2.5 + 2160 \text{ f}]$$

$$1288 = V^2 [2.5 + 2160 \text{ f}]$$

Use attached Moody Diagram:

$$\text{Relative roughness} = \frac{K_s}{D}$$

$$K_s \text{ for galv iron} = .0005 \text{ ft}$$

$$\text{Pipe Dia } D = .0625 \text{ ft}$$

$$\text{Relative roughness} = \frac{.0005}{.0625} = .0080$$

$$\text{Let } f = .038$$

$$V = \left[\frac{1288}{(2.5 + 2160 f)} \right]^{\frac{1}{2}}$$

$$= 3.9 \text{ ft/s}$$

$$\text{Reynolds No} = \frac{VD}{\nu} = \frac{(3.9 \text{ ft/s})(.0625 \text{ ft})}{.0000141 \text{ ft}^2/\text{s} @ 50^\circ \text{F}} = 1.73 \times 10^4$$

$$\text{Let } f = .039$$

$$V = 3.85 \text{ ft/s} \quad \leftarrow \text{Use}$$

$$\text{Reynolds No} = 1.71 \times 10^4$$

$$\text{Pipe Discharge } Q = VA$$

$$A = \text{area of pipe (ft}^2\text{)}$$

$$A = \frac{\pi}{4} (.0625)^2$$

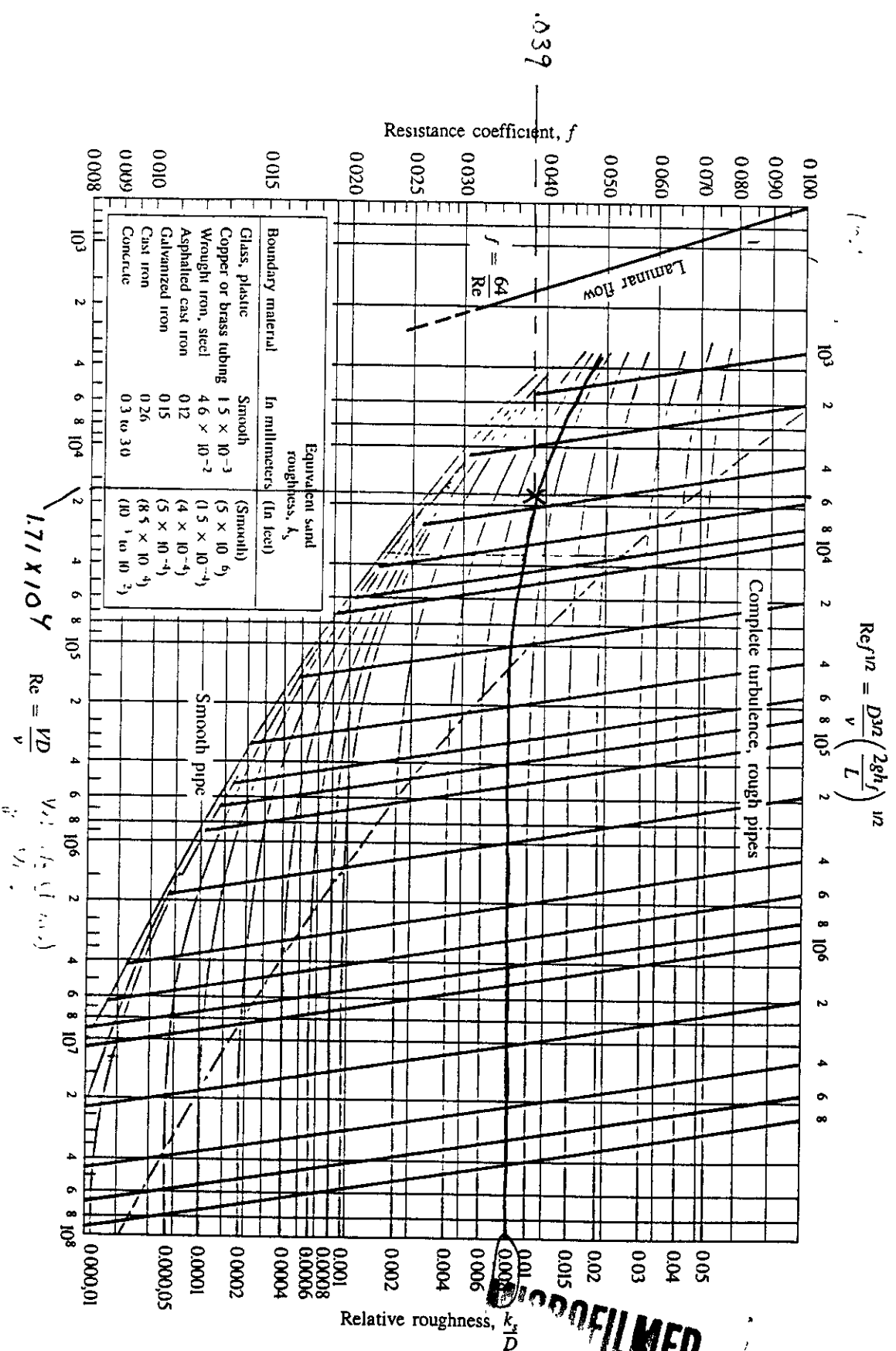
$$Q = (3.85 \text{ ft/s})(.00306 \text{ ft}^2)$$

$$A = .00306 \text{ ft}^2$$

$$= .011 \text{ CFS} = 5.3 \text{ gpm.}$$

$$\therefore \text{Recommend } .02 \text{ CFS}$$

SEP 04 1991



DISCOFILMED
SEP 04 1991

65-12748
7/2 7/10

1/88

PROOF OF BENEFICIAL USE

ANALYSIS SHEET

Permit No. 65-12748

Date: 4/25/89

General Considerations:

Y Name same as permit
Y Signature the same as permit holder
N Address change _____ If yes, prepare a data entry
Y Proof received timely _____
_____ Reinstated

Source of Water:

Y Surface water
_____ Groundwater
_____ 1. well log in file
_____ 2. drilling permit
_____ A. amount of drilling fee paid for proposed uses

Extent of Use and Rate of Diversion:

Y Rate of diversion appropriate for uses
Y Is rate or volume and fee appropriate?
Y Has permit holder indicated when water was first put to a beneficial use?

Measuring Device:

N/A Is a measuring device or access port required?
N/A Has one been installed?
N/A Waiver or modification of measuring device requested

Remarks:

Proof acceptable

N/A Priority Calculation:
Date proof received _____

Date proof due _____

No. of days late _____

Priority date _____

NEW PRIORITY DATE _____

SEND FILES TO DATA ENTRY AND THEN TO MICROFILM

Form 217
03/86

Dept of Water Resources
1301 N Orchard
Boise, Idaho 83720
208-327-7900

RECEIVED

APR 19 1989

STATE OF IDAHO Department of Water Resources

DEPARTMENT OF WATER RESOURCES

PROOF OF BENEFICIAL USE

For Office Use Only

Fee Received

Date 4/18/89

Receipt #

Receipt by

Reviewed by

Sent to region

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. 65-12748

Name(s) of Permit Holder: Stanley N Stubblefield

Post Office Address: 320 N Liberty, Boise Idaho 83704

Telephone No. 208-377-1942

Source of Water: Unnamed Creek tributary to Middle Fork of Payette

Extent of Use:

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

Irrigation (acres) Other/Remark

Total rate and/or volume for which proof is submitted 0.04 cfs acre-feet

Show the date water was first diverted and beneficially used under this permit: July 1, 1985

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

Fee enclosed \$ Exempt - Domestic
(See License Examination Fee Schedule) RAS.

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

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

Bob + Hazel Kite 208-793-2678
(Name) (Telephone Number)

at adjoining property Horseshoe Bend Rd
(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.

MICROFILMED

4/18/89 Stanley N. Stubblefield MAY 15 1989
Date Signature of Permit Holder (and title, if appropriate)

— S T A T E O F I D A H O —

DEPARTMENT OF WATER RESOURCES

STATEHOUSE
BOISE, IDAHO 83720
(208) 334-4440
DECEMBER 05, 1985

STUBBLEFIELD, STANLEY N.
320 N. LIBERTY
BOISE, ID 83704

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 65-12748

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 LOCKABLE DEVICE THAT WILL PROVIDE THE WATERMASTER CONTROL OF YOUR DIVERSION.

PLEASE NOTE THE REQUIREMENT THAT AS A PERMIT HOLDER YOU MUST COMMENCE THE EXCAVATION OR CONSTRUCTION OF DIVERTING WORKS WITHIN ONE YEAR OF THE DATE THE PERMIT WAS ISSUED, AND YOU MUST PROCEED DILIGENTLY UNTIL THE PROJECT IS COMPLETED. THE ENCLOSED BLUE CARD MUST BE COMPLETED AND RETURNED TO THIS OFFICE AS SOON AS YOU COMMENCE CONSTRUCTION, NO LATER THAN ONE YEAR FROM THE DATE THE PERMIT WAS APPROVED.

WE HAVE ENCLOSED A FORM ENTITLED "INSTRUCTIONS FOR 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

DRT: SC
ENCLOSURES

MICROFILMED

State of Idaho
Department of Water Resources

APPLICATION FOR PERMIT ANALYSIS SHEET

INITIAL REVIEW BY: Jan Shute

APPLICATION NUMBER: 65-12748

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.

Field check by: _____

Date: _____

Comments: _____

☐ 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.

*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 _____

Copies sent by: _____ Date: _____

SP
SR

10/10/85

10/10/85

PROCESSING:

- ☐ Yes ☒ No Platted by: _____ Map No. _____
☐ Yes ☒ No Other rights on same place of use. _____

☒ Yes ☐ No* In form for advertising.

Final date for protests: 11/4/85

☐ Yes ☒ No Protests received. If yes, record information on 4th page of application.

FINAL REGIONAL PROCESSING REVIEW:

- ☒ Affidavit of publication received. Date: 10/25/85
☒ Application published correctly. If not, record action taken: _____
☒ Fee amount, receipt date & number, recorded on application. 30/36165
☒ Publication dates and paper, recorded on application. The ID USADA 10/16/85, 10/23/85
☒ Protests, dates, withdrawal, etc., recorded on application.
☒ Recommendation & initial, recorded on application. Approve DRS
☒ Yes ☒ No Measuring device required.
☐ Yes ☒ No Access port required.
☒ Yes ☒ No Will water be delivered by watermaster? If yes, what district? 65
10/9/85 Date of priority recommended.
☒ Special conditions of approval or cover letter. 26, 04

By: DRS

Date: 11/19/85

STATE OFFICE REVIEW:

101, 417

01D 2604

☐ See attached sheet for more information.

By: KW

Date: 12/2/85

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RECEIVED

NOV 27 1985

Department of Water Resources

POINT OF DIVERSION AND STREAM INDEX INFORMATION

TRACT	SEC	TWP	RGE	gov't lot	rediv. (R)	REACH
-----	-----	-----	-----	-----	-----	-----
IDAHO STREAM CODE INDEX						

TRACT	SEC	TWP	RGE	gov't lot	rediv. (R)	REACH
-----	-----	-----	-----	-----	-----	-----
IDAHO STREAM CODE INDEX						

TRACT	SEC	TWP	RGE	gov't lot	rediv. (R)	REACH
-----	-----	-----	-----	-----	-----	-----
IDAHO STREAM CODE INDEX						

TRACT	SEC	TWP	RGE	gov't lot	rediv. (R)	REACH
-----	-----	-----	-----	-----	-----	-----
IDAHO STREAM CODE INDEX						

TRACT	SEC	TWP	RGE	gov't lot	rediv. (R)	REACH
-----	-----	-----	-----	-----	-----	-----
IDAHO STREAM CODE INDEX						



IN REPLY
REFER TO

2000

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Boise District
3948 Development Avenue
Boise, Idaho 83705

October 23, 1985

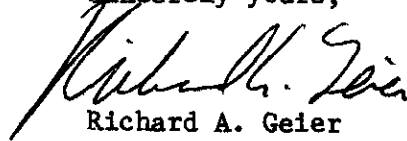
David R. Tuthill, Jr.
State of Idaho
Department of Water Resources
Western Region
450 West State Street
Boise, Idaho 83720

Dear Mr. Tuthill:

We have reviewed the application for permit #65-12748 Stubblefield and find the point of division is located on private land in the NW1/4SW1/4, Section 17, T. 8 N., R. 3 E., B.M.

Therefore, we have no comments on the subject application.

Sincerely yours,


Richard A. Geier
Cascade Area Manager

RECEIVED
OCT 25 1985

Department of Water Resources
Western Regional Office

MICROFILMED



State of Idaho

DEPARTMENT OF WATER RESOURCES

WESTERN REGION, 450 W. State Street, Boise, Idaho

JOHN V. EVANS
Governor

A. KENNETH DUNN
Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 334-2190

Mr. W. Fixler
Regional Director
P.O. Box 1000
Boise, Idaho
83720

Re: Permit No. 65-1740, Starbuckfield

Dear Mr. Fixler:

Enclosed is a copy of the above referenced application for permit which may be of interest to your agency. Please review the application and submit any comments you may have.

This office normally completes the processing of an application within a six-week period and is required to take final action shortly thereafter, however, if your agency desires to file a formal protest against the approval of this application, your written protest must be received in this office by November 1, 1965.

If you have any questions regarding the application, please contact this office.

Sincerely,

DAVID R. TUTHILL, JR., P. E.
Western Region Supervisor

DRT:jp

Enclosure

MICROFILMED



State of Idaho
DEPARTMENT OF WATER RESOURCES
WESTERN REGION, 450 W. State Street, Boise, Idaho

JOHN V. EVANS
Governor

A. KENNETH DUNN
Director

November 1, 1985

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 334-2190

Robert C. Stoeckel
Land and Water Management
State Office
100 American Terrace
Boise, ID 83719

Re: Permit No. 100765 Stoeckel

Dear Mr. Stoeckel:

Enclosed is a copy of the above referenced application for permit which may be of interest to your agency. Please review the application and submit any comments you may have.

This office normally completes the processing of an application within a six-week period and is required to take final action shortly thereafter, however, if your agency desires to file a formal protest against the approval of this application, your written protest must be received in this office by November 4, 1985.

If you have any questions regarding the application, please contact this office.

Sincerely,

David R. Tuthill Jr.

DAVID R. TUTHILL, JR., P. E.
Western Region Supervisor

DRT:jp

Enclosure

MICROFILMED

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Western Region

Statehouse
Boise, Idaho 83720
(208) 334-2190

OCTOBER 10, 1985

The Idaho World
Box 220
Idaho City, ID 83631

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. 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 billings to this office before NOVEMBER 4, 1985.

Yours truly,

Judy Pense
Secretary

Encl.

MICROFILMED

NOTICE OF APPLICATION FOR WATER RIGHT

The following application(s) have been filed to appropriate the public waters of the State of Idaho:

The permit(s) will be subject to all prior water rights. Protests must be filed with the Director, Dept. of Water Resources, Western Region, Statehouse, Boise, Idaho 83720 on or before NOVEMBER 4, 1985.

KEN DUNN, Dir.

Published 10/16 & 10/23/85.

MICROFILMED

65-12248

STUBBLEFIELD, STANLEY N.

320 N. LIBERTY, BOISE, ID 83704

Source: UNNAMED STREAM trib. to PAYETTE RIVER

Date Filed: 10/09/1985

Diversion Pt: SMSW NWSM Sec 17 T 08N R 03E

Use: DOMESTIC (0.04 CFS)

In: NWSM SMSW Sec 17 T 08N R 03E

MICROFILMED