

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 91-07049

Priority: August 17, 1981

Maximum Diversion Rate:

0.02 CFS

Maximum Diversion Volume:

12.3 AF

This is to certify, that NORMAN B LOVETT

PO BOX 415

CALDER ID 83808

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated July 27, 1981; and has submitted Proof of Beneficial Use on October 8, 1991. An examination indicates that the works have a diversion capacity of .020 cfs of water from:

SPRINGS

tributary to BIG CREEK

UNNAMED STREAM

tributary to BIG CREEK

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>
IRRIGATION	03/15 to 11/15	0.02 CFS	9.8 AF
STOCKWATER	01/01 to 12/31	0.01 CFS	0.1 AF
STOCKWATER STORAGE	01/01 to 12/31		0.2 AF
WILDLIFE STORAGE	01/01 to 12/31		0.2 AF
DOMESTIC	01/01 to 12/31	0.02 CFS	1.8 AF
RECREATION STORAGE	01/01 to 12/31		0.2 AF
	Totals	0.02 CFS	12.3 AF

LOCATION OF POINT(S) OF DIVERSION:

SWNE1/4, Sec. 5, Township 45N, Range 03E
SENE1/4, Sec. 5, Township 45N, Range 03E
NWSE1/4, Sec. 5, Township 45N, Range 03E
SHOSHONE County

PLACE OF USE: IRRIGATION

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
45N	03E	5	NENW 3.5	SENE 3.5		7

Total number of acres irrigated: 7

PLACE OF USE: STOCKWATER, same as IRRIGATION use

PLACE OF USE: DOMESTIC

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>
45N	03E	5
		SENE

MICROFILMED

JUL 23 1993

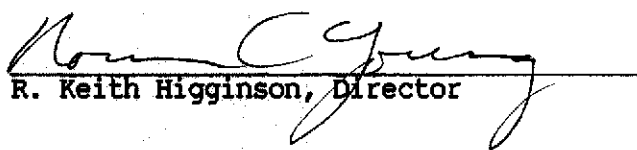
State of Idaho
Department of Water Resources**WATER RIGHT LICENSE**

WATER RIGHT NO. 91-07049

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 limited to the amount that can actually be beneficially use 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. The issuance of this right in no way grants any right-of-way or easement across the land of another.
6. This right when combined with all other rights shall provide no more than 3.0 afa per acre for the lands above.
7. Six points of diversion are located within NENW, S05, T45N, R03E.
8. Domestic use is for a lodge, guest cabin, and mobile home.
9. Stockwater use is for 13 head of mixed stock.
10. Place of use known as Shiloh Guest Ranch.

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 JULY, 1993.


Acting for R. Keith Higginson, Director

JUL 23 1993

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OCT 07 1991

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

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/have 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.

1. Permit No. 91-7049 Telephone No. (208)245-3600
2. Name(s) of Permit Holder(s): Norman B. Lovett dba Shiloh Guest Ranch
3. Post Office Address: P.O. Box 415, Calder ID 83808
7 springs; 1,000 gal., 3,000 gal., and 5,000 gal. cisterns; unnamed
4. Source of Water: stream tributary to Big Creek
 - a. If ground water, well driller's name: None Date drilled: _____
 - b. Pump horsepower: _____ Pressure (psi): _____ Dynamic pumping level (ft.): _____
5. Extent of Use:

Domestic <u>44</u> (No. of ^{persons max.} households)	Irrigation <u>8.5</u> (No. of acres)
Stockwater <u>68</u> (No. and type of stock)	Other <u>farm pond</u>
<u>8 horses, 6 cattle, 1 milk cow, 3 goats, 50 chickens</u>	
6. Total rate and/or volume for which proof is submitted 0.32 cfs 0.219 acre/feet
7. Refer to the approval conditions on your permit and respond accordingly:

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

OR

Flow Measurement Port: Required? Yes ☐ No ☒ Installed? Yes ☐ No ☐
8. Fee Enclosed: \$ 100.00 (See License Examination Fee Schedule)
9. Person to contact to accompany the Department representative during the field examination:

<u>Norm Lovett</u>	<u>(208)245-3600</u>
Name	Telephone No.
<u>Shiloh Ranch, 30 miles east of St. Maries, Idaho</u>	
Address	
10. 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.

27 Sept., 1991
Date

Norman B. Lovett Ranch Manager
Signature (and title if on behalf of a company or organization) **RECEIVED**
DEC 31 1991

RECEIVED

FEB 22 1990

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCESFor Office Use Only
\$15 FEE Received by J. Garrison
Date 2/22/90
Receipt # 601870

REQUEST FOR EXTENSION OF TIME

To provide additional time in which to submit proof
of beneficial use for a water right permit

Department of Water Resources

The Idaho Department of Water Resources will consider this form as a request that the permit holder(s) be granted an additional period of time in which to complete development of a water right under the provisions of Section 42-204, Idaho Code.

Permit No. 91-7049Name(s) of Permit Holder: Norman B. LovettPost Office Address: P.O. Box 415Calder, ID 83808Telephone No. (208) 245-3600Date Proof Is Due: 1 March 1990Describe what work has been completed toward the development of this water right: Performed: 3 spring
(This must be filled out! If no work has been completed, show "none".)collection systems, 1 concrete 3,000 gal. storage cistern, 1 concrete 5,000 gal. storage
cistern, distribution system to 10 one acre pastures, and 6 stock tanks. Distribution of
domestic water to cabin, shop and barn. Double distribution to guest lodge with selectable
water source.Costing \$ 7,000. (est.)

The permit holder(s) has been unable to complete the remainder of the work for the following reasons:

2 spring collection boxes and a small storage dam (0.219 af) for recreation and wildlife
have not been completed due to unexpected cost and labor commitments in the construction
of the guest lodge. We expect to complete the lodge in one more year.Permit holder(s) request an extension to 1 Nov., 19 91.
(1 yr. minimum)

(Signature)

FEE: \$15.00

*IF OTHER THAN PERMIT HOLDER,
POWER OF ATTORNEY MUST BE SUPPLIED.

ACTION OF THE DEPARTMENT OF WATER RESOURCES

MAR 26 1990

IT IS HEREBY ORDERED that the above request for extension of time be APPROVED and the time within which to submit proof of beneficial use is extended to November 1, 1991.

Signed this 21st day of March, 1990.J. Allen Saxton
Chief, Water Allocation Bureau

BEFORE THE DEPARTMENT OF WATER RESOURCES
OF THE
STATE OF IDAHO

IN THE MATTER OF PERMIT NO. 91-7049 IN THE)
NAME OF NORMAN B. LOVETT)
_____)

ORDER

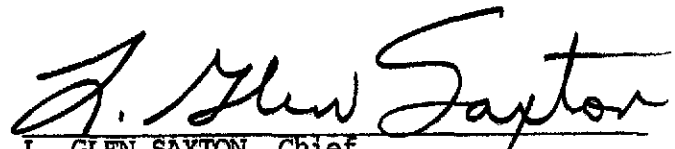
WHEREAS, the Department issued the above-referenced permit with the condition that proof of construction of works and application of water to beneficial use be submitted on or before October 1, 1986; and,

WHEREAS, the Department granted a request for extension of time which changed the proof due date to November 1, 1989; and,

WHEREAS, the Department failed to properly notify the permit holder sixty days prior to that date that proof of beneficial use was due;

IT IS, THEREFORE, HEREBY ORDERED that the time within which to submit proof of beneficial use is extended to March 1, 1990.

Dated this 28th day of December, 1989.


L. GLEN SAXTON, Chief
Water Allocation Bureau

MICROFILMED

MAR 26 1990

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

For Office Use Only
\$15 FEE Received <u>\$15.00</u>
Date <u>7-29-86</u>
Receipt # <u>39260 acw</u>

REQUEST FOR EXTENSION OF TIME

To provide additional time in which to submit proof
of beneficial use on a water right permit

Norman B. Lovett of P.O. Box 415 Calder
(Name) (Address)

State of Idaho 83808, deposes and says:

That he is the holder, or the duly authorized agent of the holder*, of Permit to Appropriate the Public Water of the

State of Idaho No. 91-7049

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SEP 29 1986

That under the terms and conditions of said permit, work thereunder was required to be completed on or before
Department of Water Resources

1 October, 19 86.

That he has heretofore performed the following work described under said permit: Performed:

(This must be filled out! If no work has been completed put none.)

3 spring collection systems, 1 concrete 3,000 gal. storage cistern & 1 concrete 5,000
gal. storage cistern, distribution system to 10 one acre pastures and 6 stock tanks.

Distribution to cabin, shop and barn.

Costing \$ 6,417.-

That he is unable to complete the remainder of the work within the required time for the following reasons, to-wit:

2 spring collection boxes to increase rate of flow into existing cistern storage. Hook
up of guest lodge (now under construction - 5 bedroom, 5 bath, 3600 sq. ft) to domestic
water system. Lodge est. to require 2 years to complete. Small storage dam (0.219 af)
for rec. and wildlife.

Wherefore, he asks that the Department of Water Resources extend the time for the completion of obligations
under said permit to 1 Nov., 19 89
(1 yr. minimum,
5 yrs. maximum)

Norman B. Lovett
(Signature)*

*IF OTHER THAN HOLDER, Power of Attorney must be supplied.

FEE: \$15.00

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

IT IS HEREBY ORDERED that the above application for extension of time be APPROVED and the time within
which to submit proof of beneficial use is extended to November 1, 1989.

Signed this 3rd day of October, 19 86.

J. Glen Saxton
Chief, Operations Bureau

Form 202
03/78
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APPROVED
STATE OF IDAHO

91-7049
RECEIVED

SEP 25 1981

JUL 26 1981

DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

Department of Water Resources

To appropriate the public waters of the State of Idaho

Department of Water Resources
Northern District Office

1. Name of applicant Norman B. Lovett Phone (208) 245-3600

Post office address P.O. Box 415, Calder, Idaho 83808

2. Source of water supply 3 or more unnamed springs which is a tributary of Big Creek

3. Location of point of diversion is SW $\frac{1}{4}$ of NW $\frac{1}{4}$ of Section 5 Township 45N

Range 3E B.M. Shoshone County, additional points of diversion if any: _____

4. Water will be used for the following purposes:

Amount 0.10 for domestic purposes from Jan 1 to Dec. 31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount 0.02 for livestock purposes from Jan 1 to Dec 31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount 0.219 for stock wildlife purposes from Jan 1 to Dec. 31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount 0.2 for irrigation purposes from Apr 1 to Nov 1 (both dates inclusive)
(cfs or acre-feet per annum)

5. Total quantity to be appropriated:

a. 0.32 cubic feet per second and/or b. 0.219 acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. to develop 2 or more springs and a farm pond.

b. Height of storage dam 13 feet, active reservoir capacity 0.219 acre-feet; total reservoir capacity 0.219 acre-feet, materials used in storage dam: earth

Period of year when water will be diverted to storage Jan 1 to Dec 31 inclusive.
(Month/Day) (Month/Day)

c. Proposed well diameter is n/a 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: SW $\frac{1}{4}$ of NW $\frac{1}{4}$ of Section 5 Township 45N
Range 3E B.M.

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

(3) List number of each kind of livestock to be watered 10 horses, 12 beef cattle,
1 milk cow, 8 hogs, 3 goats, 100 chickens.

(4) Name of municipality to be served n/a, or number of families to be supplied with domestic water 3.

(5) If water is to be used for other purposes describe: small guest ranch to be developed
in future serving max. no. of 28 people at any one time, Water foul,
recreation- wildlife enhancement, fish- etc.

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	
45N	3E	5							10										

Total number of acres to be irrigated 10

c. Describe any other water rights used for the same purposes as described above. n/a

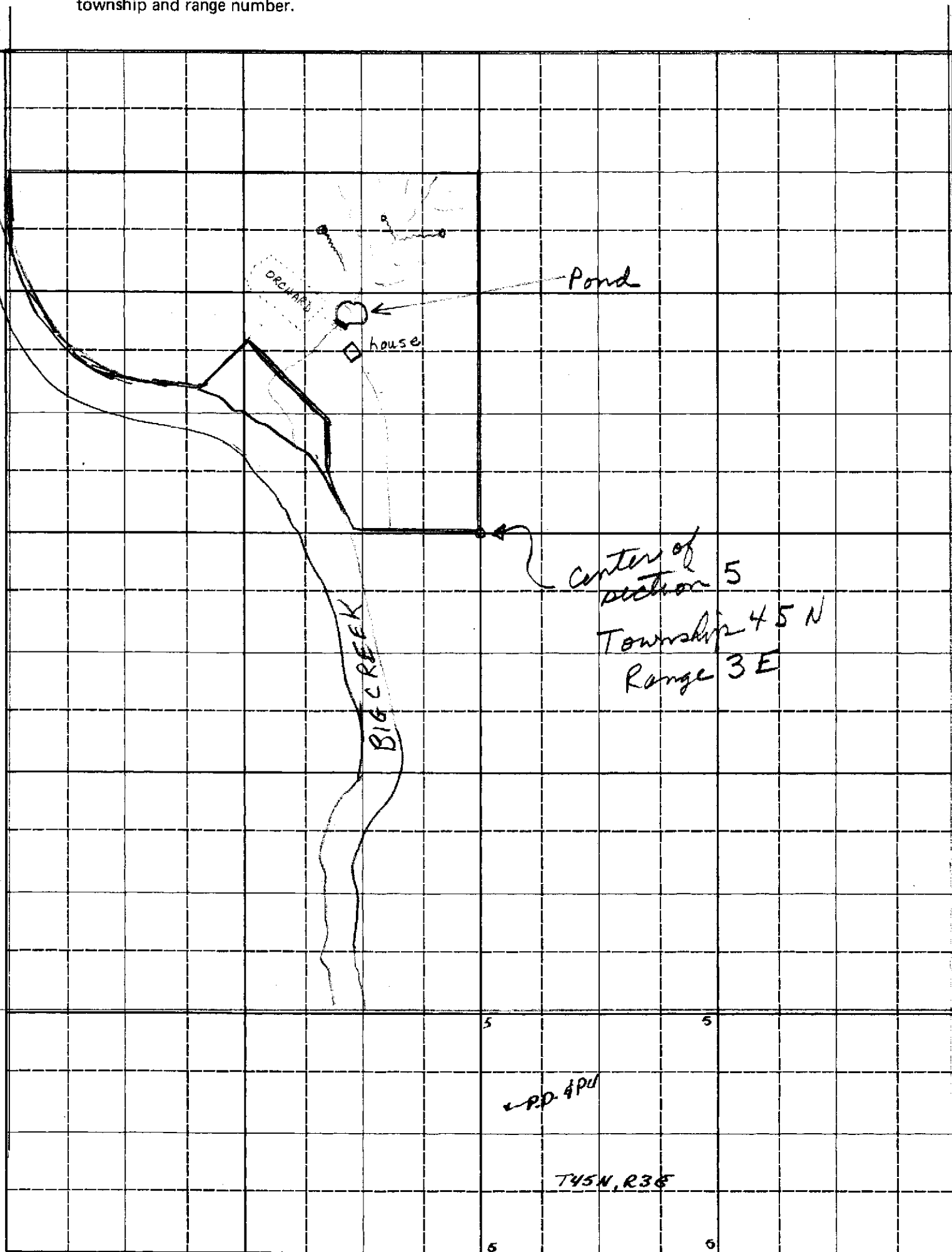
9. a. Who owns the property at the point of diversion Shiloh Ranch

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

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing the property is on the county books under the name of Norman B. and Barbara J. Lovett who have assigned their ownership interest to a Limited Partnership, however; Norman B. and Barbara J. (continued on attached)

10. Remarks Existing water supply (since approx. 1970) consist of 1000 gal. cistern (which is filled by a spring uphill) supplies domestic water to the house.

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.

NOTED

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

Norman B. Lovell
(Applicant)

Proposed Priority 8/17/1981

Received by [Signature] Date 8/17/81 Time noon (see rec.)
Preliminary check by JK Fee \$ 45.00
Receipted by [Signature] Date 8/20/81 (1830)
Publication prepared by [Signature] Date 8/20/81
Published in Tellegy Evening News
Publication dates 8/28 + 9/2/81
Publication approved [Signature] Date 8/9/81
Protests filed by: none

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

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. 91-7049, 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: The issuance of this permit in no way grants any right-of-way or easement across the land of another.

The storage of water is contingent upon certification by the Department of Water Resources, of the applicant's dam under the dam safety provisions of the Idaho Code, authorizing storage.

Witness my hand this 20 day of October, 19 81.

David R. Tuttle
Acting Chief, Operations Bureau

Attachment

Continuation of 9 c.

Lovett are the sole general partners having control of the property (the other partners are limited or "silent" partners.

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JAN 10 1964
FBI - NEW YORK

DATE: 06/30/93
PAGE: 1

Remarks: Six points of diversion are located within NENW, S05, T45N, R03E.
Domestic use is for a lodge, guest cabin, and mobile home.
Stockwater use is for 13 head of mixed stock.
Place of use known as Shiloh Guest Ranch.

WR0749NP
No. L91-07049

IDAHO DEPARTMENT OF WATER RESOURCES
WATER RIGHT PROFILE REPORT
(REGIONAL)

DATE: 06/30/93
PAGE: 2

=====
Dates: App. Received: 07/27/1981 Priority Date: 08/17/1981
Proof Due Date: 11/01/1991 Proof Made Date: 10/08/1991
Exam Made Date: 07/27/1992 Exam Sent to S.O.: 06/08/1993
Licensed Date:

Misc: Water District Number: Field Exam Fee: R (Received)

Audit: 06/30/93 CHAPMAN

LICENSE REVIEW CHECKLIST

Permit # 91-7049

Date 6-29-93

Brenda Chapman

NAME	Yes ☐ No ☒	Or Address Change?
PRIORITY DATE	☐ ☒	Advance? ☐ Memo to Advance ☐
	☐ ☒	Order to Reinstate Needed?
SOURCE	☐ ☒	Changes? Clarification of Originally Intended source
	☐ ☒	Notice of Intent to Void - Source change.
P/D	☒ ☐	Amendment Needed? <u>CHANGE TO NENW 1/4 SE NW OF SEC 5.</u>
	☐ ☒	Is Overlap Analysis a Consideration?
P/U	☒ ☐	Amendment Needed? <u>CHANGE TO NENW 1/4 SE NW OF SEC 5.</u>
	☐ ☒	Is Overlap Analysis a Consideration?
TOTAL CFS	☐ ☒	Incorrect Fee for rate recommended?
	☐ ☒	Disagree/Measurement <u>2 1/2 GAL BUCKET</u>
	<u>NA</u>	Pumping Theoretical $(8.8) \times (.70) \times ()$ $(+ [2.31 \times])$
	☐ ☒	System Capacity <u>.02</u>
		Allowable Amount: <u>CAPACITY LIMIT</u>
TOTAL VOLUME		Rate/ac <u>3.0</u> AFA Irr. Season <u>3-15 to 11-15</u> Standard Irr. Season <u>Standard</u> Season Recommended
	☐ ☒	Disagree with Examiner's Calculations?
	☐ ☒	$7 \times 3.0 = 21 \text{ af} / (3) \text{ DOMEST @ } .6 = 1.8 \text{ af / stock} = .1$
	☐ ☒	Flow limit: $.02 \times 246 \times 1.9835 = 9.8$ $365 = 14.5$
USES	☐ ☒	Change(s) in Nature of Use?
	☐ ☒	Amendment Needed?
REMARKS	☒ ☐	Multiple P/Ds in 1/4 1/4? <u>SIX in NENW OF SEC 5</u>
	☒ ☐	Non-Irr. Uses <u>Stockwater, DOMESTIC, STORAGE</u>
	☐ ☒	Special Overlap Condition
	☐ ☒	Other
CONDITIONS	☐ ☒	Measuring Devices
	☐ ☒	W/Master Control
	<u>R24</u>	Overlap
	☐ ☒	Water Quality
		Dates/Misc
		<u>7-27-81</u> Water Dist
		<u>7-27-92</u> App Rec'd
		<u>7-27-92</u> Exam Made

COMMENTS: MEASUREMENT DONE BY 2 1/2 GAL BUCKET FROM 3
RESERVOIR (CISTERN) OVERFLOWS, RATHER THAN FROM SPRINGS.
* NO ACTIVE DIVERSION INTO POND FROM STREAM TO MEASURE - ON STREAM STORAGE

RECOMMENDED	CFS	VOL
Irrigation	<u>.02</u>	<u>9.8</u>
Domestic	<u>.02</u>	<u>1.8</u>
Stockwater	<u>.01</u>	<u>.1</u>
Stock STORAGE	<u>—</u>	<u>.2</u>
WILD STORAGE	<u>—</u>	<u>.2</u>
REC STORAGE	<u>—</u>	<u>.2</u>

LICENSE —
AMEND X

DOMESTIC FOR CABIN, LODGE, AND TRAILER

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

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JUN 10 1993

Department of Water Resources

A. GENERAL INFORMATION

1. Owner: Norman B. Lovett Permit No. 91-07049
Current Address: PO Box 415, Calder, ID 83808 Phone No. 245-3600
2. Accompanied by: Same EXAM. DATE: 7/27/92
Address: _____ Phone No. _____
Relationship to Permit Holder: _____
3. Source: Springs tributary to Big Creek
Unnamed Stream

B. OVERLAP REVIEW

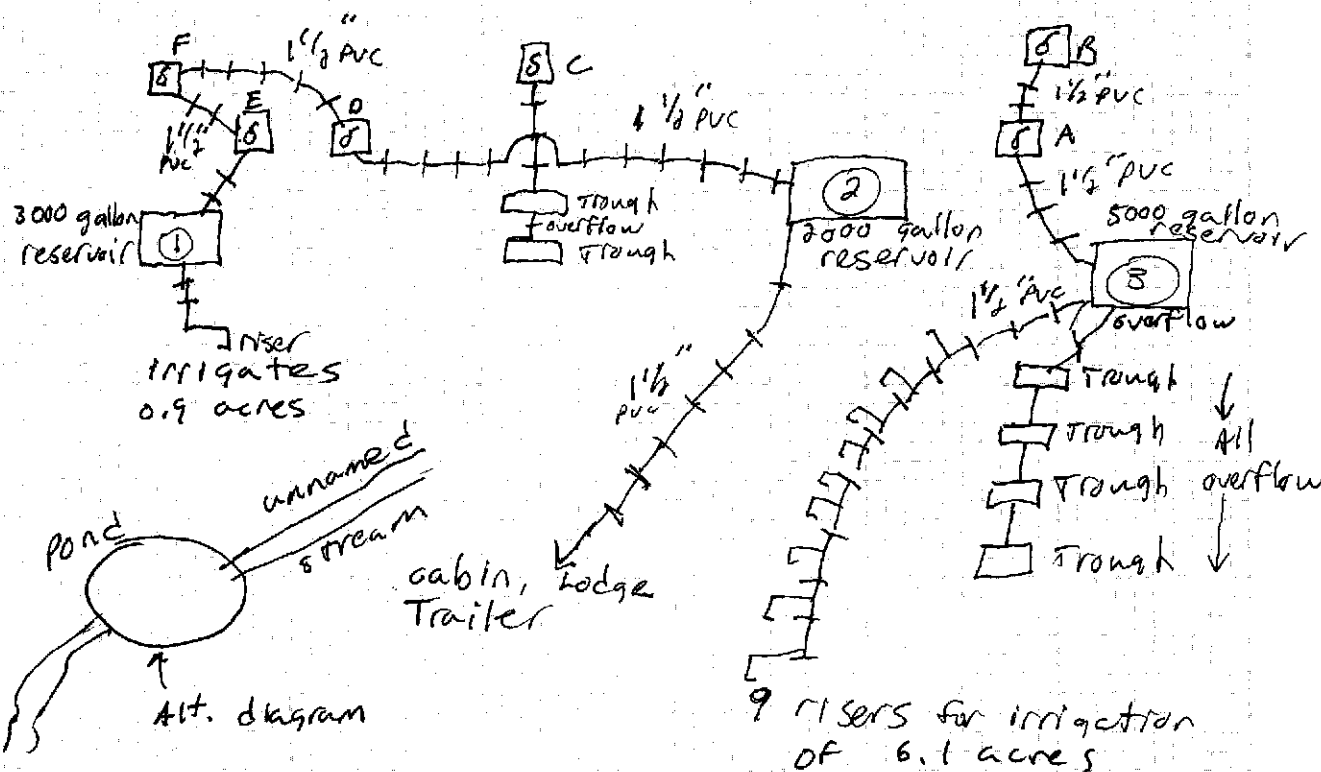
1. Other water rights with same place of use: None

☐ Copies Attached
2. Other water rights with same point of diversion: None

☐ 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



Scale: 1" = NTS

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

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System Description (continued)

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

Three reservoirs are on whole system. Reservoirs 1-3. Spring F can flow into Spring E which flows into Res. 1. Spring F can also flow into Spring D which flows into Res. 2. Spring B flows into Spring A which flows into Res. 3. Spring C flows into horse trough ~~and~~ ^{when} overflows into another horse trough. Water from Res. 1. Water from Res. 3 is gravity fed to 9 risers to irrigate 6.1 acres. Water from Reservoir 1 is used to irrigate 0.9 acres. 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
gravity					

*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
A		SE	NE	NW	5	45N	03E	Shoshone	MAP
B		SE	NE	NW	"	"	"	"	
C		SW	NE	NW	"	"	"	"	
D		SW	NE	NW	"	"	"	"	
E		SW	NE	NW	"	"	"	"	
F		SW	NE	NW	"	"	"	"	
G		NW	SE	NW	"	"	"	"	

6. Place(s) of Use:

Indicate Method of Determination

Map

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	
45N	03E	5					3.5			3.5									7.0
										W									
										O									
							S			S									
										R									

Do not use this space

RECORDED

JUL 23 1993

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Bucket	2 1/2 gallon					

2. Measurements:

measured @ overflow from Reservoirs with no water in use @ time of measurement
 Res 3 = 1 min 40 sec $\Rightarrow$ 1.5 gpm
 Res 2 = ~~1 min 40 sec~~ ^{40 sec} $\Rightarrow$ 3.8 gpm
 Res 1 = 1 min 14 sec $\Rightarrow$ 2.0 gpm = 7.3 gpm = .02 cfs

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

- Measured Method: stockwater for 3 goats, 50 chickens, 8 horses, 1 dairy cow
Domestic (3)
Irrigation
- 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) $\div$ 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:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = (7 \text{ acres})(3.0 \text{ AF/acre}) = 21 \text{ AF}$
 $V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = (0.2)(245)(1.9835) = 9.7 \text{ AF}$
 $V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 9.7 \text{ AF}$

2. Volume Calculations for Other Uses:

8 horses, 1 dairy cow, 50 chickens, 3 goats = 96 gallons/day + 35 + 5 + 6 = 142 gallons/day
 Domestic 3 = 1.8 AF
 (2700' x 1' + 1320' x 2') $\div$ 3 = 0.54 AF storage
 JUL 23 1993
 = 1.2 AF

H. REMARKS AND OVERLAP REVIEW ANALYSIS

Res. 2 is used for drinking water for guest cabin main lodge and trailer. Overflow from Res. 3 ~~and~~ ~~Res.~~ is used to fill 5 horse troughs located on the irrigated pasture. All piping is done with 1 1/2" PVC

Size of pond was 0.53 AF

source of water for pond was unnamed stream.

Irrigation is pasture and does not require a lot of water.

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Irrigation	3/15	11/15	.02	9.7
stockwater	1/1	12/31	.02	1.2
stockwater storage	1/1	12/31		0.219
wild life + Recreation storage	1/1	12/31		0.219
Domestic			.02	1.8
Totals:			.02	0.219

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 Robert Knobloch
Signature Robert Knobloch
Certification Date _____
Field Report Preparation Date 8/3/92

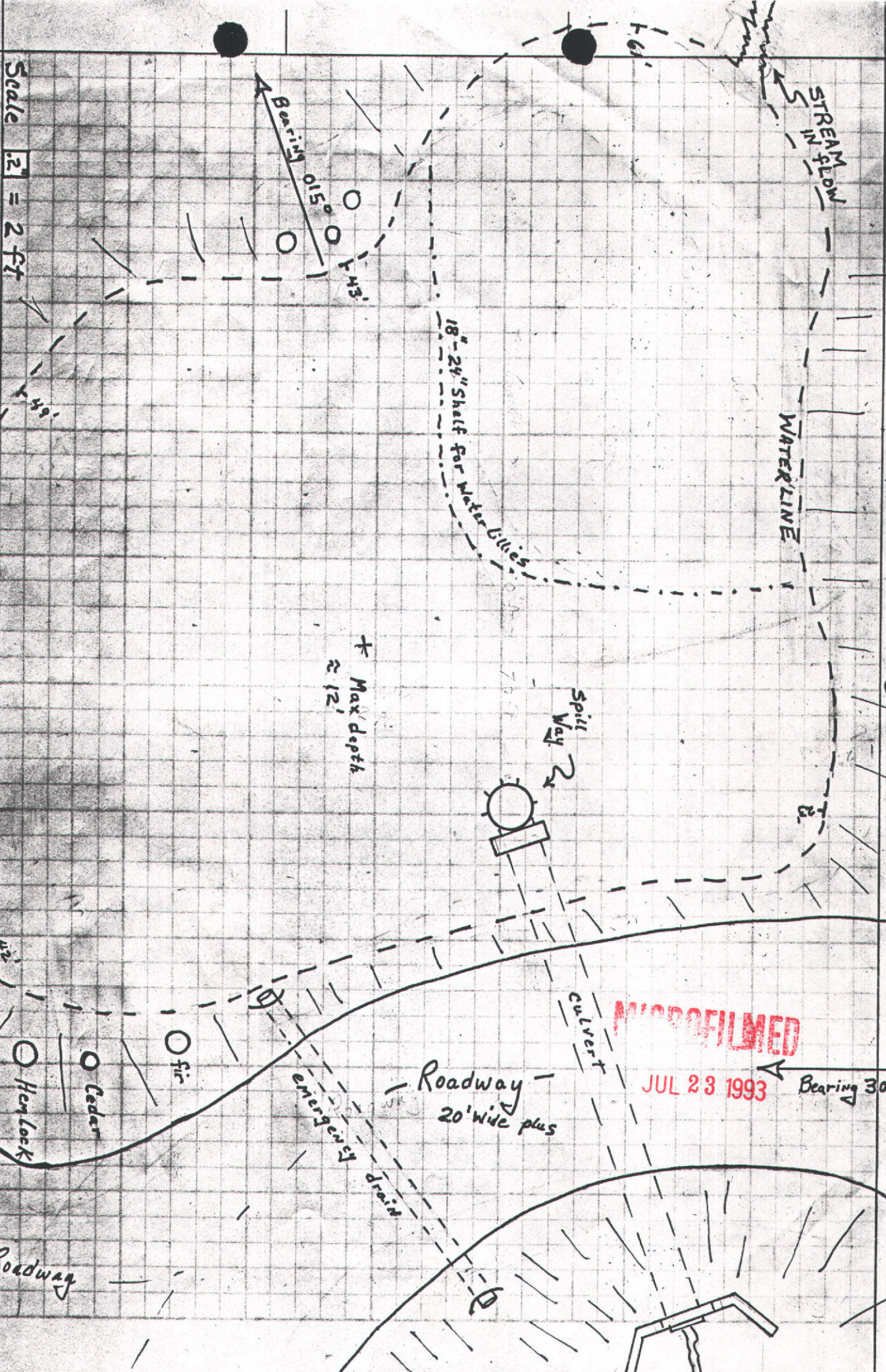
CONSULTANT SEAL

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

RECEIVED
JUL 23 1993

Shield Ranch Pond

Scale 1/2" = 2 ft



22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS



Cottonwood

Culvert

Roadway

PERMIT # 91-07049

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
FIELD REPORT SUPPLEMENT

pu
cabin



pu
field



pu
pastures
& lodge



JUL 23 1993

PERMIT # 91-07049

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
FIELD REPORT SUPPLEMENT

P H O T O G R A P H S

Reservoir
3



Two Troughs
From Spring C



WATER RESOURCES
JUL 23 1993

PERMIT # 91-07049

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
FIELD REPORT SUPPLEMENT

P H O T O G R A P H S

P D A



P D B



MIDWESTERN

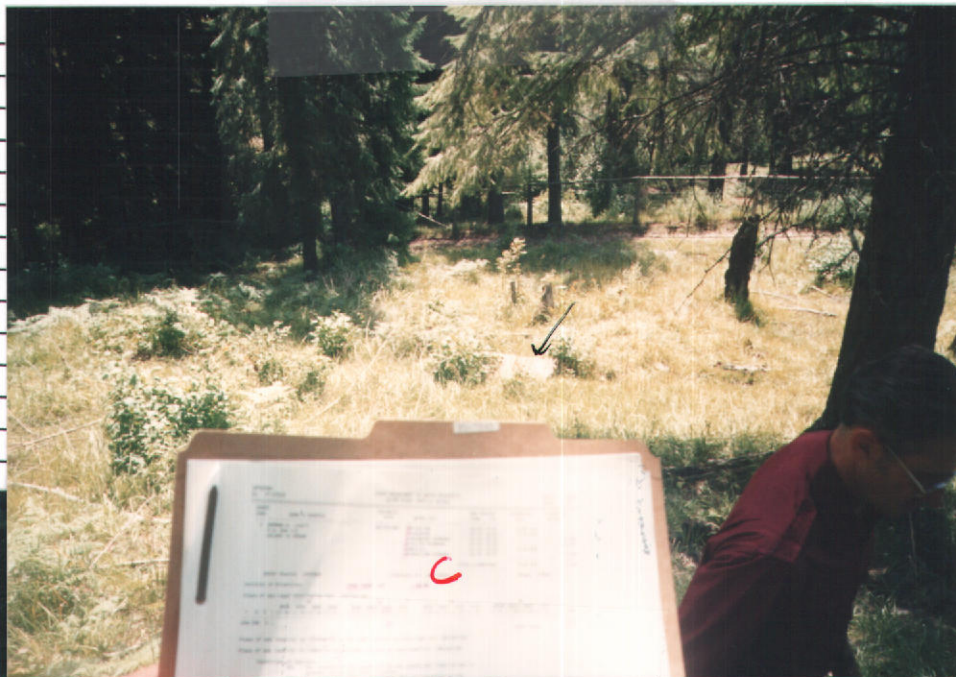
JUL 23 1993

PERMIT # 91-07049

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
FIELD REPORT SUPPLEMENT

PHOTOGRAPHS

PD C



PD D



PD E

MINORitized

JUL 23 1993



PERMIT # 91-07049

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
FIELD REPORT SUPPLEMENT

P H O T O G R A P H S

PD F



PD 6
into pond



JUL 23 1993

PERMIT # 91-02049

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
FIELD REPORT SUPPLEMENT

PHOTOGRAPHS

Pond



Reservoir

1



Reservoir

2



PHOTOGRAPH

JUL 23 1993

ANALYSIS SHEET
for
PROOF OF BENEFICIAL USE

Permit No. 91-7049

Date 11-6-91

GENERAL CONSIDERATIONS

- ☒ Name same as permit?
☒ Address same as permit? If no, indicate below.
☒ Proof timely received? If no, complete priority advancement below.

SOURCE OF WATER

- ☒ Surface water source
☐ Ground water source
☒ NA Drill permit req'd?
☐ Copy in file? Drill permit no. _____
☐ Amt paid for drilling permit? _____ Correct?
☐ Well log in file?

LICENSE EXAMINATION FEE

- ☒ Required?
100.00 Amount submitted?
☒ Correct amount?

MEASURING DEVICE

- NO Measuring device or access port required?
☐ Installed?
☐ Waiver requested or needed?

DEFICIENCIES OR ACTION ITEMS

Proof acceptable

PRIORITY CALCULATION

Date proof received	<u>NA</u>	
Date proof due		-
No. of days late		=
Priority date		+
NEW PRIORITY DATE		=

JP

STAFF REVIEW SHEET - EXTENSION OF TIME

Permit No. 91-7049

Reviewed by [Signature]

Date 3-15-90

BASIC INFORMATION

- 9 Date stamp received
- 4 Extension received timely (not too early not too late)
- 4 Fee received and receipted
- 2 Name and signature same as permit
- N Address change

BASIS FOR EXTENSION REQUEST

- Has adequate work been completed to demonstrate due diligence?
- Has the cost incurred been adequate to demonstrate an intent to complete the project?
- Has the permit been involved in litigation?
 - a. Swan Falls _____ Dismissed from Swan Falls _____
 - Other _____ Identify _____
 - b. Is supporting documentation needed to complete the file? _____
 - Requested _____
 - c. Calculate the period of delay

Date litigation completed _____

Date litigation began _____

Total period of delay = _____

Present proof due date + _____

NEW PROOF DUE DATE = _____

- Is delay by a government agency?
- Is supporting documentation needed to complete the file? _____
- Requested? _____

ACTION TAKEN - Recommend approval for one year

N/A Reinstatement

Date extension received	_____	=	_____
Proof due date	_____	=	-
No. of days late	_____	=	_____
Priority date	_____	=	+
ADJUSTED PRIORITY DATE	_____	=	_____

DATE ENTRY

- Change proof due date
- Priority date change
- Address change

STAFF REVIEW SHEET - EXTENSION OF TIME

Permit No. 91-7049Reviewed by RFDate 10-3-1986

BASIC INFORMATION

Y Date stamp received
Y Extension received timely
(not prior to 6 month before proof due date or after reinstatement period)
Y Fee received and receipted
Y Name and signature same as permit
N Address change (indicate on coding sheet)

BASIS FOR EXTENSION REQUEST

Y Has adequate work been completed to demonstrate due diligence?
Y Has the cost incurred been adequate to demonstrate an intent to complete the project?
N/A Has the permit been involved in litigation?
a. Swan Falls _____ Dismissed from Swan Falls _____
Other _____ Identify _____
b. Is supporting documentation needed to complete the file? _____
Requested _____
c. Calculate the period of delay

Date litigation completed _____

Date litigation began _____

Total period of delay = _____

Present proof due date + _____

NEW PROOF DUE DATE = _____

N/A Is delay by a government agency?
Is supporting documentation needed to complete the file? _____
Requested? _____

ACTION TAKEN - *Recommend approval based on due diligence for two years and one month as requested by permit holder.*

Special conditions or remarks:

N/A Reinstatement Date extension received _____ = _____
Proof due date _____ = _____
No. of days late _____ = _____
Priority date _____ = + _____
ADJUSTED PRIORITY DATE _____ = _____

_____ Prepare coding sheet
_____ Change rolodex card

File need to submit