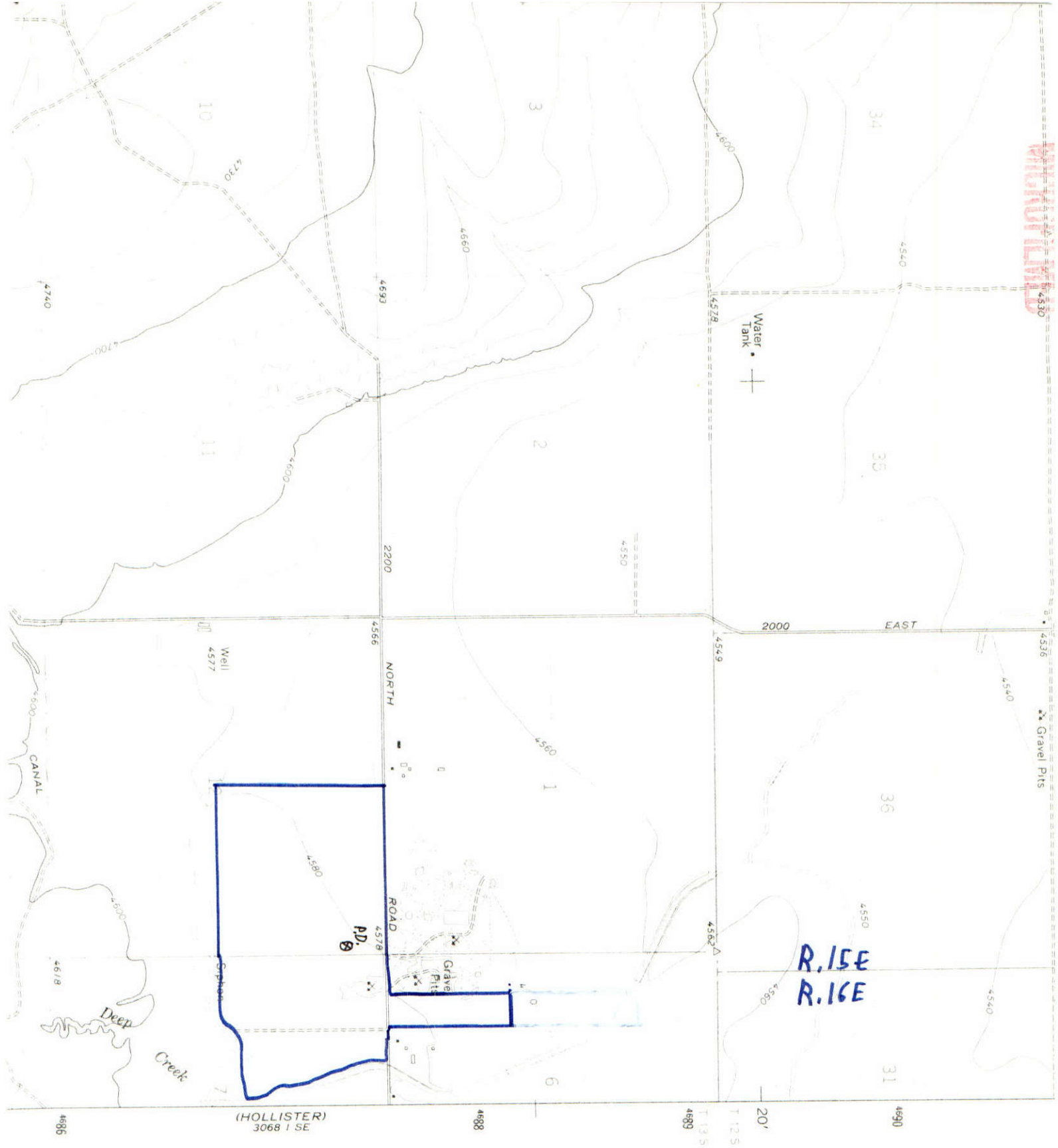


REPRODUCED



Affidavit of Publication

Nº 10426

STATE OF IDAHO,

COUNTY OF TWIN FALLS

SS.

47-7718
CALLEN, D.R.
RT. 1, TWIN FALLS, ID 83301
Source: GROUNDWATER
Date Filed: 03/11/1981
Amount: 6.17 CFS
Diversion Point: NENE Sec
12 T 13S R 15E, TWIN
FALLS Co.

Use: IRRIGATION (6.10 CFS)
from 03/15 to 11/15
STOCKWATER (0.07 CFS)
from 01/01 to 12/31

Place of Use: NENE NWNE
SWNE SENE Sec 12 T 13S
R 15E LOT 06 (NWSW) LOT
07 (SWSW) Sec 06 T 13S R
16E NENW NWNW SWNW
SENW Sec 07 T 13S R 16E
FOR 305 ACRES

Diversion Means: WELL &
PUMP

I, Renda Capps McSwine being first duly sworn upon oath, depose and say that I am Print Clerk of the TIMES-NEWS, published daily, at Twin Falls, Idaho, and do solemnly swear that a copy of the notice of advertisement, as per clipping attached, was published in the regular and entire issue of said newspaper, and not in any supplement thereof, for Two consecutive Weeks

commencing with the issue dated April 9, 1981, and ending with the issue dated April 16, 1981.

And I do further certify that said newspaper is a consolidation, effective February 16, 1942, of the Idaho Evening Times, published theretofore daily except Sunday, and the Twin Falls News, published theretofore daily except Monday, both of which newspapers prior to consolidation had been published under said names in said city and county continuously and uninterruptedly during a period of more than twelve consecutive months, and said TIMES-NEWS, since such consolidation, has been published as a daily newspaper except Saturday, until July 31, 1978, at which time said newspaper began daily publication under said name in said city and county continuously and uninterruptedly.

And I further certify that pursuant to Section 60-108 Idaho Code, Thursday of each week has been designated as the day on which legal notice by law or by order of any court of competent jurisdiction within the state of Idaho, to be published weekly, will be published; and that at the head of the editorial column of said combined newspapers, and in each issue thereof, Thursday is announced as the day on which said legal notices will be published.

Renda Capps McSwine
Subscribed and sworn to before me on this 17 day of

April, 1981.

Drilla Rowlett-Smith
Notary Public in and for the County of Twin Falls,
State of Idaho, residing at Twin Falls, Idaho

RECEIVED

APR 22 1981

Department of Water Resources
Bozeman District Office

RECEIVED

Form 219
6/86

FEB 16 1989

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Department of Water Resources

BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

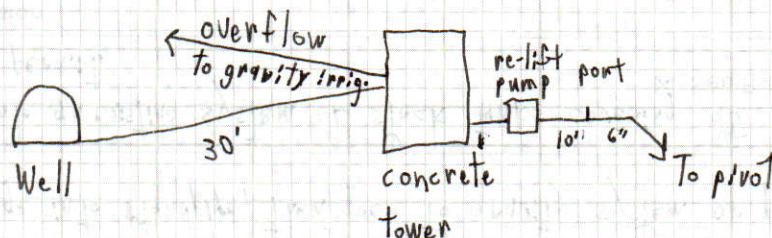
1. Owner: D.R. Callen Permit No. 47-7718
Current Address: Rt. 1 Box 4555, Twin Falls, ID 83301 Phone No. 655-4273
2. Accompanied by: Mr. Callen EXAM. DATE: 9-17-87
Address: _____ Phone No. _____
Relationship to Permit Holder: _____
3. Source: groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: Salmon Falls Congl Co, shares ☐ Copies Attached
2. Other water rights with same point of diversion: _____ ☐ 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

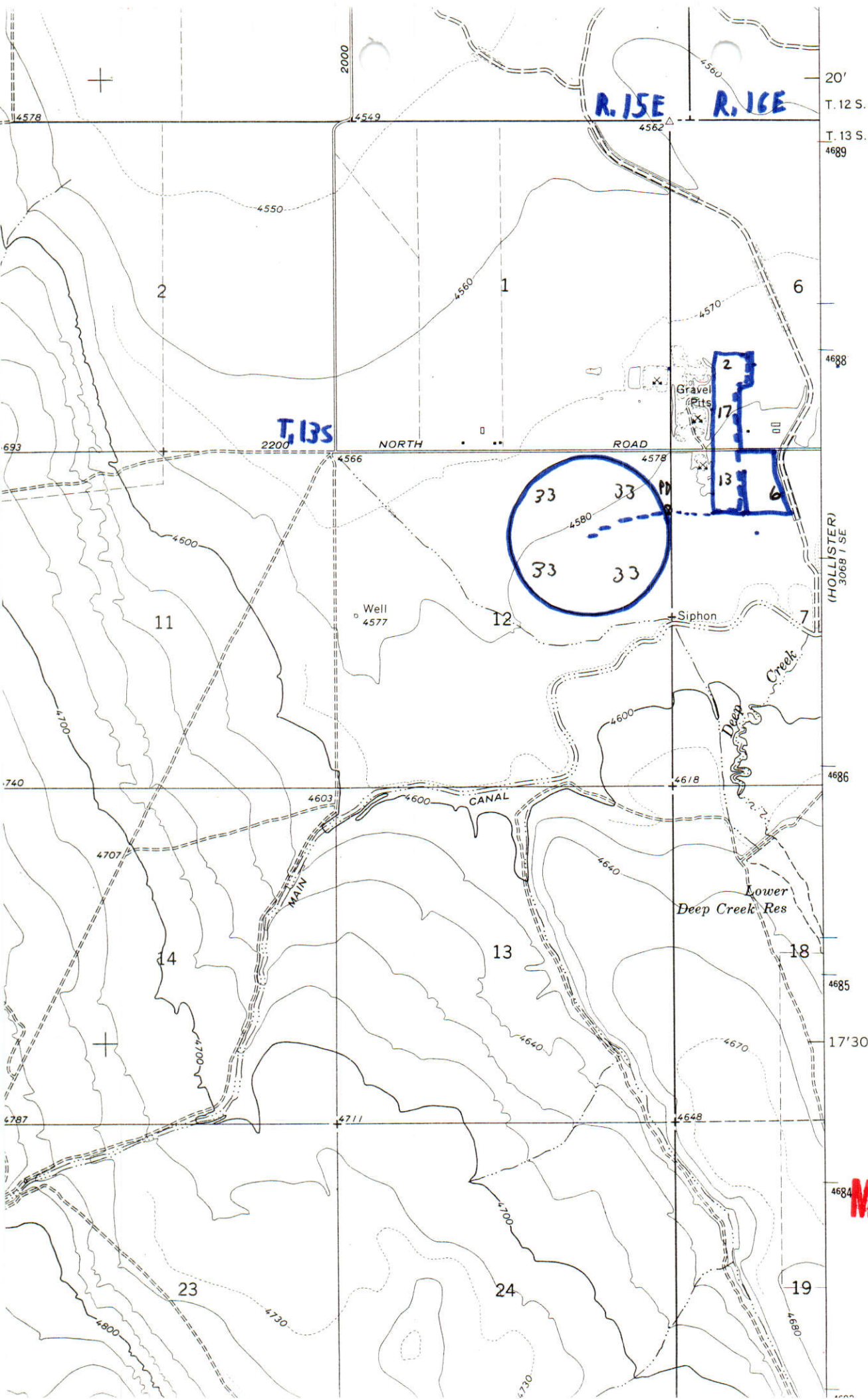


MICROFILMED

DEC 18 1989

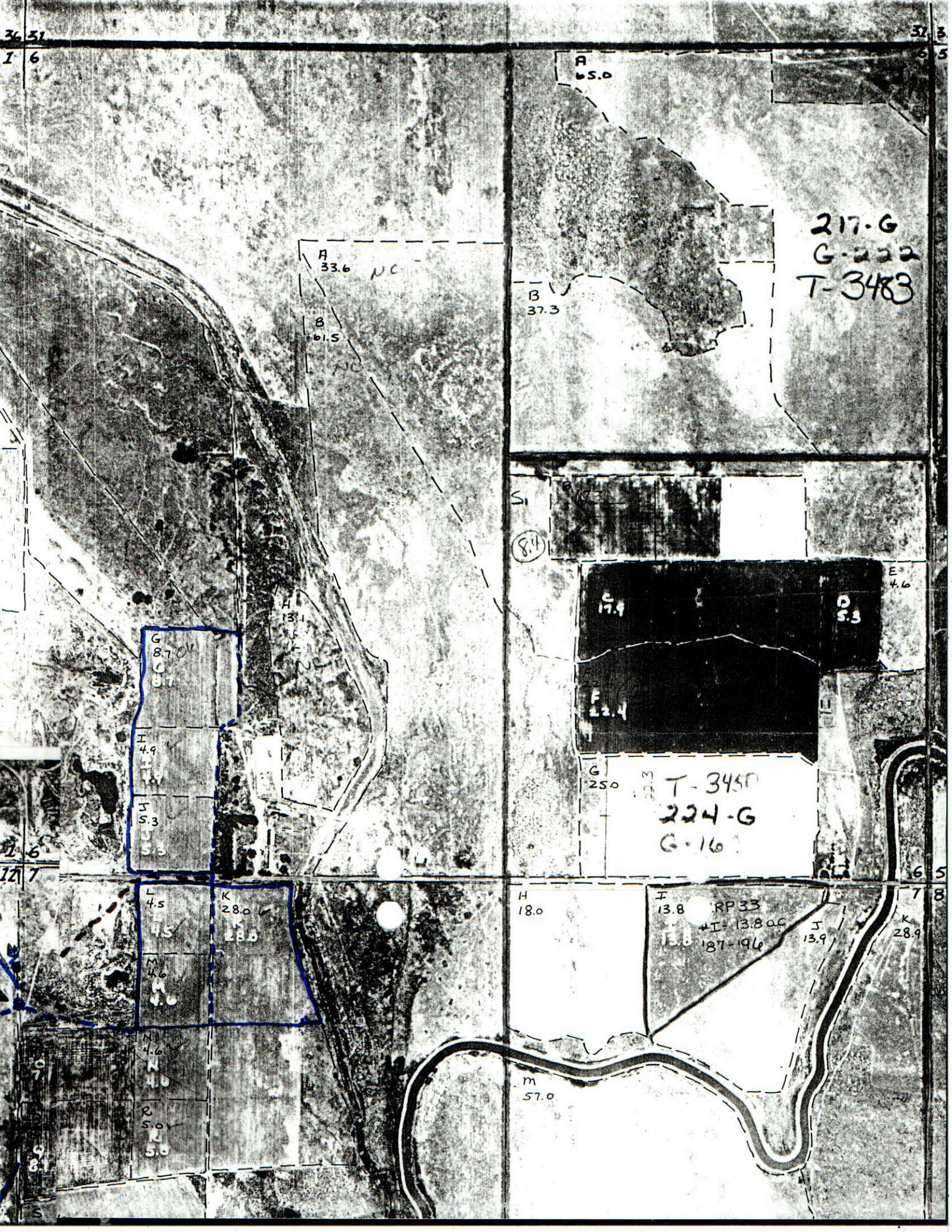
Scale: 1" = _____

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).



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DEC 18 1989



36 51
1 6

32 3
6 5

A 33.6 NC
B 61.5 NC

A 65.0
B 37.3

217-G
G-222
T-3483

(8.4)

G 87.0
H 87.0
I 4.9
J 5.3
K 5.3

H 13.1
I 5.5
J 5.5

C 17.4
D 5.3
E 4.6
F 22.4
G 25.0

T-3450
224-G
G-16

1 6
12 7

6 5
7 8

L 4.5
M 4.5
N 4.6
O 4.6
P 5.0
Q 5.0

K 28.0
L 28.0

H 18.0

I 13.8 RP33
+I-13.800
13.8 187-196

J 13.9

K 28.9

m 57.0



MICROFILMED
DEC 18 1989

47-9918

Gravity line with risers.



Standpipe in gravity system.



Riser in gravity system

MAINTAINED

DEC 16 1989



Well, pipeline to
standpipe, booster pump
to pivot, overflow to
buried line to gravity
system,



Detail of system
supplying pivot.



Pivot-irrigated ground.

MICROFILMED

DEC 13 1989



WATER RIGHT LICENSE
WATER RIGHT NO. 47-07718

Maximum Diversion Rate: 2.66 CFS
Maximum Diversion Volume:¹ 595.0 AF

TWIN FALLS, ID 83301 has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated March 11, 1981; and has submitted Proof of Beneficial Use on April 4, 1985. An examination indicates that the works have a diversion capacity of 2.660 cfs of water from a **GROUNDWATER** source, and a water right has been established as follows:

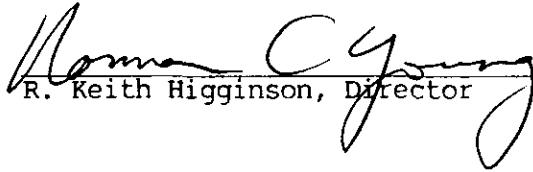
DEC 18 1989

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 47-07718

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 24th
day of NOVEMBER, 1989.


R. Keith Higginson, Director

DEC 18 1989

**BEFORE THE DEPARTMENT OF WATER RESOURCES
OF THE
STATE OF IDAHO**

IN THE MATTER OF PERMIT	)	
	)	
NO. 47-7718	)	ORDER ADVANCING
IN THE NAME OF	)	DATE OF PRIORITY
	)	
D. R. CALLEN	)	

This matter having come before the Department of Water Resources (Department) as a result of preparing Permit No. 47-7718 for issuance of a license, the Department finds, concludes and orders:

FINDINGS OF FACT

1. The Department approved Application for Permit No. 47-7718 to appropriate the public waters of the State of Idaho with a proposed priority of March 11, 1981.

2. On August 12, 1986 the Department advised the permit holder that a license examination fee was required before an examination could be conducted to confirm the extent of use developed under the permit. The examination fee was due on October 11, 1986.

3. The license examination fee was received on August 19, 1987, 312 day(s) late.

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DEC 18 1989

CONCLUSIONS OF LAW

1. The Director may advance the priority date of the permit one day for each day the license examination fee is late, pursuant to the provisions of Section 42-217, Idaho Code.

2. The date of priority of Permit No. 47-7718 should be advanced 312 day(s).

ORDER

IT IS HEREBY ORDERED that the date of priority of Permit No. 47-7718 is advanced to January 17, 1982.

Dated this 16th day of August, 1989.

J. Glen Saylor
Chief, Water Allocation Bureau

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DEC 18 1989

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 D. R. Callen Phone 665-4273

Post office address Route #1, Twin Falls, Id 83301

2. Source of water supply Groundwater which is a tributary of _____

3. Location of point of diversion is NE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 12 Township 13S

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

4. Water will be used for the following purposes:

Amount 6.10cfs for irrigation purposes from Mar 15 to Nov 15 (both dates inclusive)
(cfs or acre-feet per annum)

Amount 0.07cfs for livestock purposes from Jan 1 to Dec 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)

5. Total quantity to be appropriated:

a. 6.17 cubic feet per second and/or b. _____ acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. Well & pump

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 12 inches; proposed depth of well is 800 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 $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 12 Township 13S
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 250 range cattle

(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: _____

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	
13S	15E	12	40	40	40	40													160
	16E	6										Lt6 10	Lt7 20						30
		7					20	35	35	25									115

Total number of acres to be irrigated 305

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

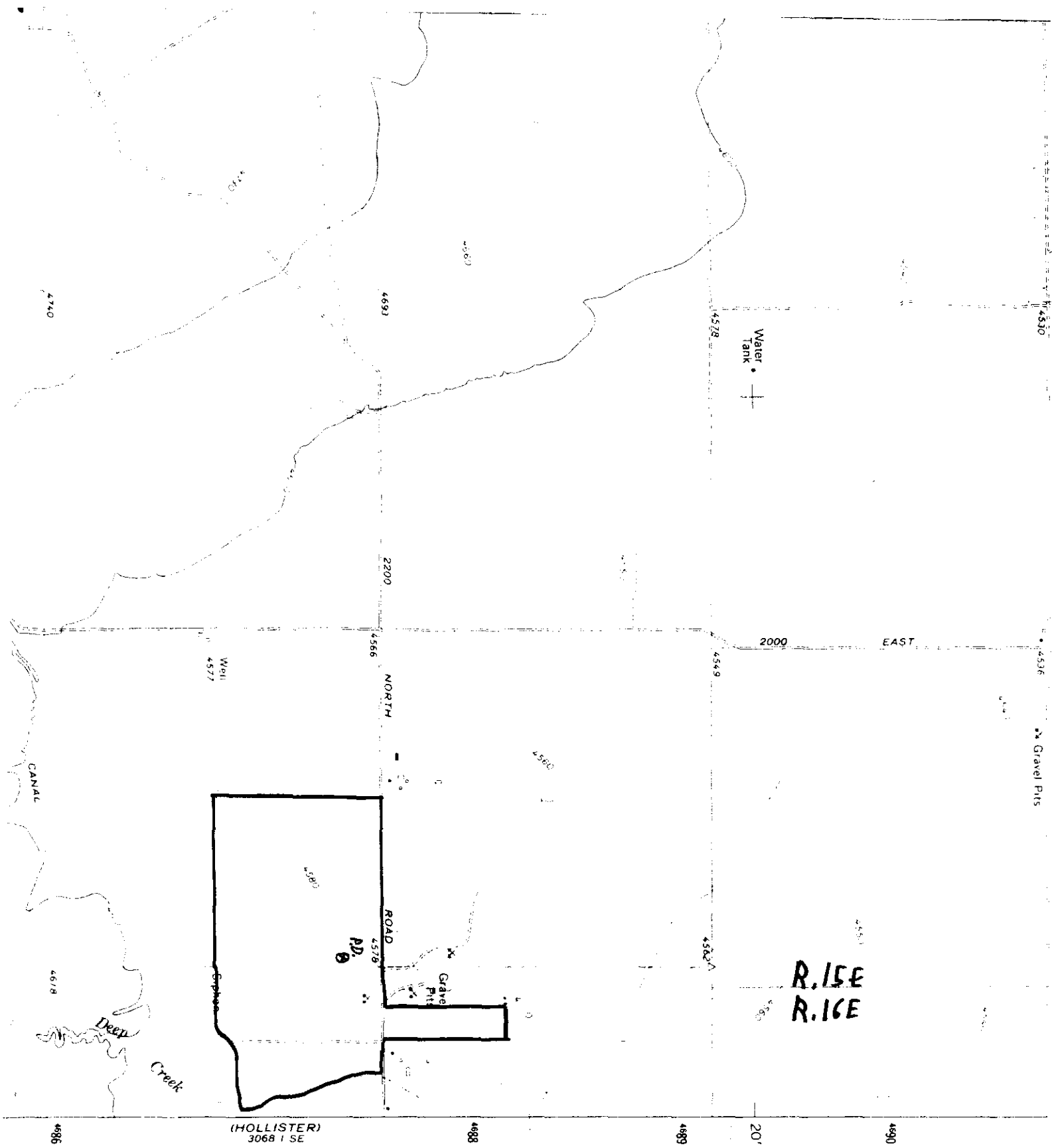
Salmon Falls Canal Co. shares

9. a. Who owns the property at the point of diversion Applicant

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

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

10. Remarks



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

A full page of blank graph paper. The grid consists of 20 columns and 20 rows of squares, formed by thin black lines. There are no margins or other markings on the page.

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.

D R Callen

(Applicant)

SECRET

Proposed Priority 3/11/81
Received by [Signature] Date 3-11-81 Time 2:35 pm
Preliminary check by [Signature] Fee \$ 165.00 ~~# 16884~~
Receipted by [Signature] Date 3/12/81
Publication prepared by LH Date 3/31/81
Published in Times News
Publication dates 4/9 + 4/16/81
Publication approved [Signature] Date 4/1/81
Protests filed by: None

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

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. 47-7718, 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 June 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 well casing shall be unperforated and sealed to a minimum depth of 200 feet below land surface.

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.

Witness my hand this 4th day of June, 1981.

[Signature]
Chief, Operations Bureau

Affidavit of Publication

Nº 10426

STATE OF IDAHO,
COUNTY OF TWIN FALLS } ss.

I, Renda Capps McSwine being first duly sworn up-
oath, depose and say that I am Print Clerk of the TIMES-NEWS,
published daily, at Twin Falls, Idaho, and do solemnly swear that a copy of
the notice of advertisement, as per clipping attached, was published in the regular and
entire issue of said newspaper, and not in any supplement thereof, for Two
consecutive Weeks

, commencing with the issue dated
April 9, 1981, and ending with the issue dated
April 16, 1981.

And I do further certify that said newspaper is a consolidation, effective February 16, 1942, of the Idaho Evening Times, published theretofore daily except Sunday, and the Twin Falls News, published theretofore daily except Monday, both of which newspapers prior to consolidation had been published under said names in said city and county continuously and uninterruptedly during a period of more than twelve consecutive months, and said TIMES-NEWS, since such consolidation, has been published as a daily newspaper except Saturday, until July 31, 1978, at which time said newspaper began daily publication under said name in said city and county continuously and uninterruptedly.

And I further certify that pursuant to Section 60-108 Idaho Code, Thursday of each week has been designated as the day on which legal notice by law or by order of any court of competent jurisdiction within the state of Idaho, to be published weekly, will be published; and that at the head of the editorial column of said combined newspapers, and in each issue thereof, Thursday is announced as the day on which said legal notices will be published.

Subscribed and sworn to before me on this 17 day of

April, 1981.
Shelba Rowlett-Smith

Notary Public in and for the County of Twin Falls,
State of Idaho, residing at Twin Falls, Idaho

RECORDED

APR 22 1981
Department of Water Resources
Bozeman District Office

November 24, 1989

D. R. CALLEN
RT. 1 BOX 4555
TWIN FALLS, ID 83301

RE: PERMIT NO. 47-07718

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

MICROFILMED

DEC 18 1989

August 22, 1989

D. R. CALLEN
RT. 1 BOX 4555
TWIN FALLS, ID 83301

RE: PERMIT NO. 47-07718

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.

Also enclosed is an order advancing the date of priority of this right due to late submittal of the examination fee.

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

MICROFILMED

DEC 18 1989

BENEFICIAL USE FIELD REPORT REVIEW

TO: FILE 47-7718

FROM: ROXANNE MC CARTHY

RE: PRIORITY ADVANCE REVIEW

DATE: 16-MAR-1989

This review memo is prepared to show the process for determining what elements were involved in advancement of the priority.

	<u>DATE</u>	<u>JULIAN</u>
PERMIT		
Permit priority Date:	MARCH 11 1981	70
EXAM FEE NOTICE		
Exam Fee Notice Date:	AUGUST 12 1986	224
Exam Fee/Info Sheet Received Date:	AUGUST 19 1987	596
Exam Fee or Info Due Date:	OCTOBER 11 1986	284
Days Late:		312 DAY(S)
NEW PRIORITY DATE		
Original Priority Date:	MARCH 11 1981	70
Total Days Late:		312 DAY(S)
New Priority Date:	JANUARY 17 1982	17

DEC 18 1986

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

47-7718
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
☒ Computer Data Proof Report
☒ Copy of U.S.G.S. Quad
☒ Check for Government Lots. If so, make a copy of Government Plat

Check of P/D index 16 8/19/87 (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 16 8/19/87 (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
☐ Corrected Computer Data Proof Report with recommended license information, and date and signature of examiner.

C. Review and Processing:

Exam Completed JF Stanton 8-29-87 (Signature of examiner and date)
 Exam Reviewed by Senior Water Resource Agent ADA 12/30/87 (Initial and date)
 Exam Reviewed by Manager of Regional Office RA 2/10/89 (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
 Re filed in White File _____ (Initial and date)

DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE EXAMINATION
CHECKLIST

WATER RIGHT 47-2218

REVIEWER DRJ

DATE 1-16-89

[EACH RULE MUST BE CHECKED]

SEE FOOTNOTE FOR SYMBOLS

RULE 5 EXAMINATION FOR BENEFICIAL USE;

1,2. <u>✓</u>	1,3. <u>✓</u>	1,4. <u>✓</u>	1,5. <u>N/A</u>
1,6. <u>***</u>	1,7. <u>✓</u>	1,8. <u>✓</u>	1,9. <u>N/A</u>
1,10. <u>N/A</u>	1,11. <u>N/A</u>	1,12. <u>✓</u>	1,13. <u>✓</u>
1,14. <u>N/A</u>	1,15. <u>✓</u>	1,16. <u>N/A</u>	1,17. <u>✓</u>

RULE 6 MEASUREMENT TERMINOLOGY;

1,1. <u>✓</u>	1,2. <u>✓</u>	2. <u>✓</u>	3. <u>✓</u>
4. <u>N/A</u>	5. <u>✓</u>		

RULE 7 DRAWINGS, MAP, AND SCHEMATIC DIAGRAM;

1,1. <u>✓</u>	1,2. <u>✓</u>	1,3. <u>✓</u>	1,4. <u>✓</u>
1,5. <u>✓</u>			

RULE 5,2. FIELD REPORT ACCEPTABILITY [STATE OFFICE REVIEW]

2,1. <u> </u>	2,2. <u> </u>	2,3. <u> </u>	2,4. <u> </u>
--------------------	--------------------	--------------------	--------------------

Reviewer

Date

N/A = NOT APPLICABLE
** = SEE ATTACHMENT NO.

* = SEE ITEM IN BENEFICIAL USE RE
*** = SEE REMARKS ATTACHED

*** 5.1.6 No well log on file, unable to contact permittee about well construction

FEB 16 1989

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Department of Water Resources

BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

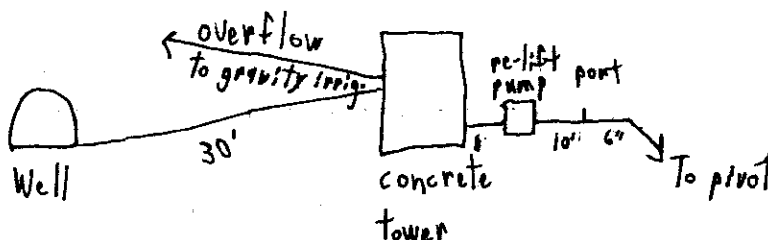
1. Owner: D. R. Callen Permit No. 47-7718
 Current Address: Rt. 1 Box 4555, Twin Falls, ID 83301 Phone No. 665-4273
 2. Accompanied by: Mr. Callen EXAM. DATE: 9-17-87
 Address: _____ Phone No. _____
 Relationship to Permit Holder: _____
 3. Source: groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: Salmon Falls Canal Co. shares
 _____ ☐ Copies Attached
 2. Other water rights with same point of diversion: _____
 _____ ☐ 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



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DEC 18 1989

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).

System Description (continued)

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

Well, motor, pump, mainline to concrete standpipe, booster motor & pump from standpipe to 1 1/4-mile pivot. Overflow from sump runs into buried pipeline with risers for use when Salmon Falls Tract water is short. Oversize nozzles in pivot due to low humidity in area.

Mr. Calken stated that pivot & gravity systems use equal amounts of water. Well pumps open discharge into standpipe, then goes to gravity system or pivot.

Well pumps into an existing system of stock tanks covering 25 sections. No stock use on land under permit.

☒ 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
Main Pump	GE	100	DTJ408368	Aurora	no tag
Re-lift Pump	Westinghouse	50	05 50H4 TBFCskB	"	81-02781-3

*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
			NE	NE	12	13S	15E	Twin Falls	

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	
13S	15E	12	33	33	33	33													132
	16E	6									176	179							19
		7					6	171	13										19

170

RECORDED

DEC 16 1989

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:

2.66 cfs

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

1. Measured Method:

2. Alternate Method for Checking Purposes:

F. PUMP EFFICIENCY DATA (Optional)

meter 50 791 469 claimed, cascading water -
Discharge Pressure: 75 psi x 2.31 = _____ ft (1); Dynamic pumping level: 175 ft (2) unable to measure
Total Head: (1) + (2) = _____ (3); Flow rate: 2.66 cfs (4)

Water HP: (3) x (4) ÷ 8.8 = _____ (5)

Meter Input KW: 3.6 x 4.8 KH x _____ CTR or 40 MULT x _____ PTR x 10 N/ 63.4 T = _____ (6)

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

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

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

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 170 \times 3.5 = 595 \text{ AFA}$

$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 2.66 \times 245 \times 1.9835 = 1292.6 \text{ AFA}$

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 595$

2. Volume Calculations for Other Uses:

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DEC 18 1989

H. REMARKS AND OVERLAP REVIEW ANALYSIS

Mr. Calken stated that the system was designed for about $2\frac{1}{2}$ cfs. He also stated that the well runs constantly during the irrigation season.

Since there is no stock use on the land covered by the permit, recommend stock use not be licensed. The stock use that does occur is covered by the groundwater filing exemption.

I. RECOMMENDATIONS

1. Recommended Amounts

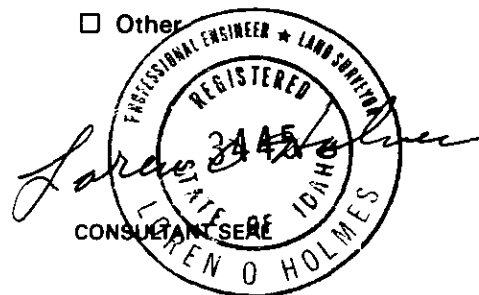
Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Irrigation	2-15	11-15	2.66	595
Totals:				

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 J.E. Stanton
Signature J.E. Stanton
Certification Date 5/15/87
Field Report Preparation Date 7-17-87



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

reviewed: Ryanne McFarthy 3/6/89

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DEC 18 1989

State of Idaho
DEPARTMENT OF WATER RESOURCES
SUPPLEMENTAL FIELD REPORT FOR ANNUBAR MEASUREMENT

Measured by: J.E. Stanton Date 9-17-87
Owner: D.R. Coyle Permit No. 47-7718

Description of well &/or measuring site

- Include any clarifications of the sketch
- Include legal description if more than one p.d. is described in the Field Report

MEASURED INSIDE PIPE DIAMETER IN INCHES (ID)

CIR = Pipe Circumference in Inches = 2.12' = 25.44"

T = Pipe Thickness in Inches = 1/8"

ID = 2 [(0.1592 X CIR) - T] = 1.85

ANNUBAR DESCRIPTION & CONSTANT (C)

Size Used in Test 1.981

State ID No. _____

Select C based on size from Table below.

Nominal Pipe Size	C
4"	4.23
6"	3.75
8"	3.87
10"	3.94
12"	3.99
14" - 16"	4.01
18" - 24"	4.02
30" or larger	4.03

C selected 3.87

DIFFERENTIAL PRESSURE READING IN INCHES OF H₂O (H)

High Reading = 9.5 much variation in readings

Low Reading = 6.5

High - Low = H = 25.0

CALCULATION OF DISCHARGE IN CFS (Q)

$$Q = \frac{(ID)^2 \cdot (\sqrt{H}) \cdot (C)}{448.8}$$

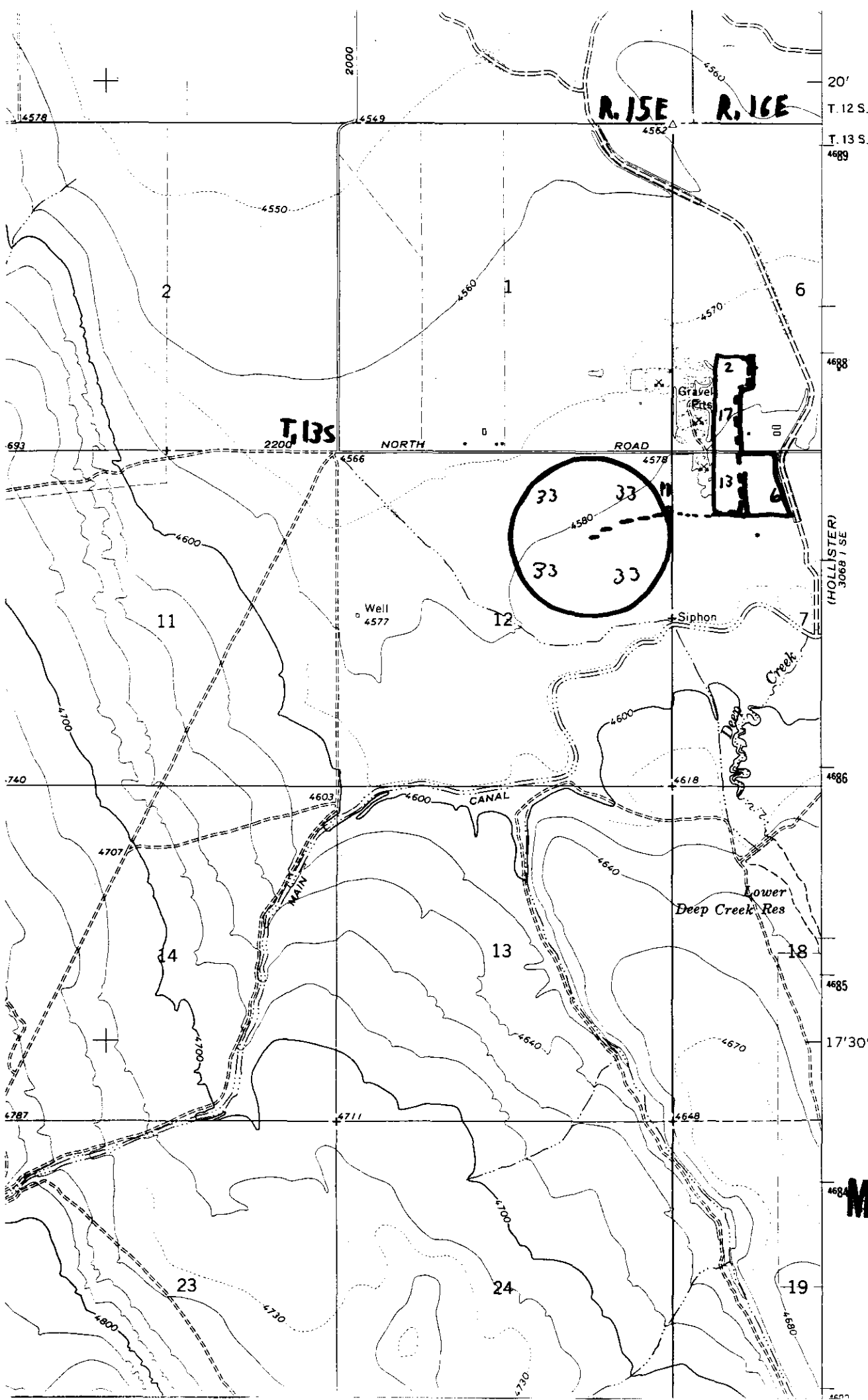
$$Q = \frac{(1.85)^2 \cdot (\sqrt{25}) \cdot (3.87)}{448.8} = \frac{1192 \text{ gpm}}{2.66 \text{ CFS}}$$

SKETCH (If not shown on Field Report)

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OK
AD~



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M
6.3

R 53

12 6

12
0
8.4

P
58.1

P
155.9

12 7

122.1
P V

225.6
G 10
T 54

S
28.0

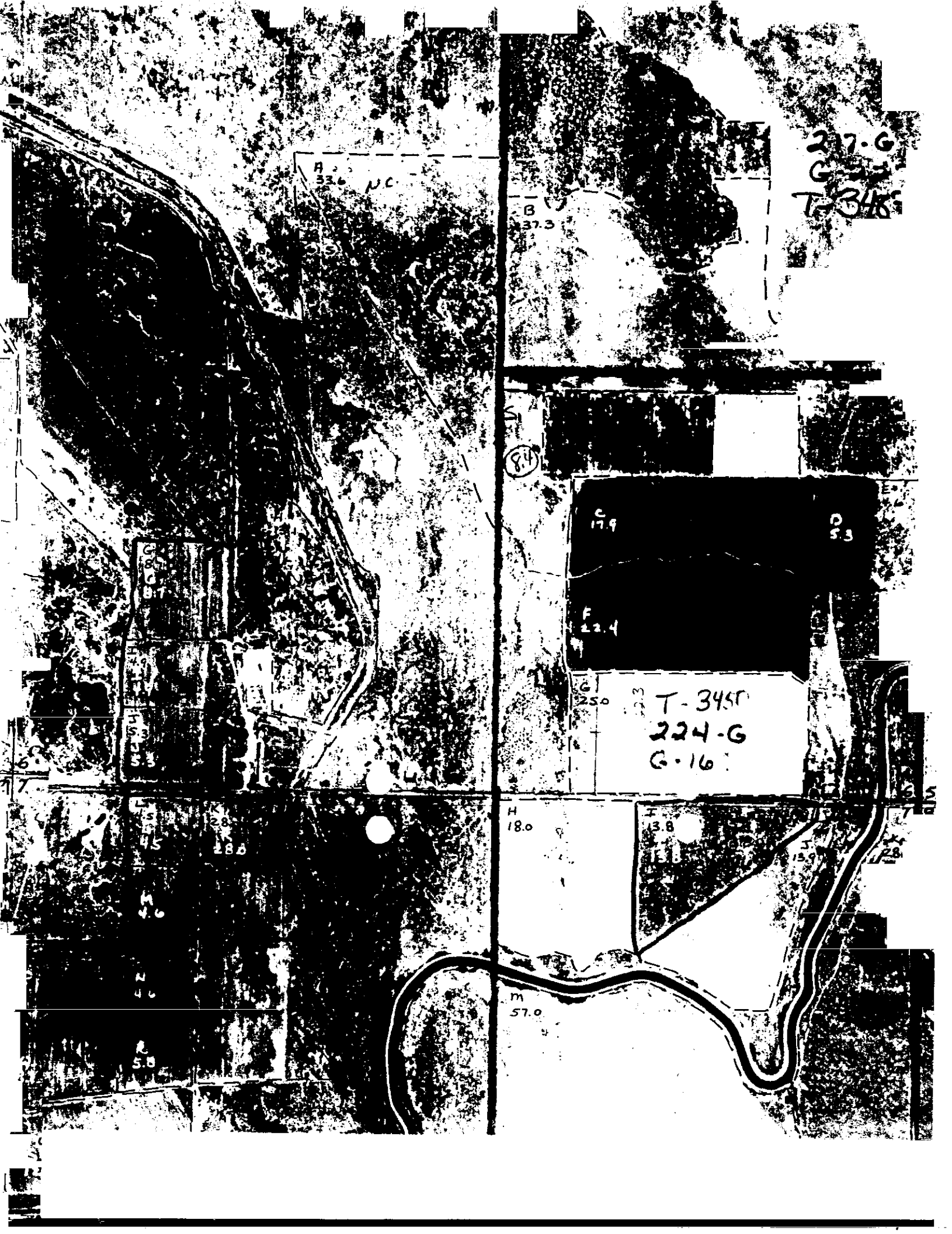
54.3

52.4

12 7

12
13

DEC 8 1983



27-G
G-16
T-3485

B 37.3

(84)

C 17.9

D 5.3

F 22.4

G 25.0

T-3450
224-G
G-16

H 18.0

I 13.8

J 15.9

M 57.0

G 8.7

H 4.9

I 1.1

J 1.1

K 1.1

L 1.1

M 1.1

N 1.1

O 1.1

P 1.1

Q 1.1

R 1.1

S 1.1

T 1.1

U 1.1

V 1.1

W 1.1

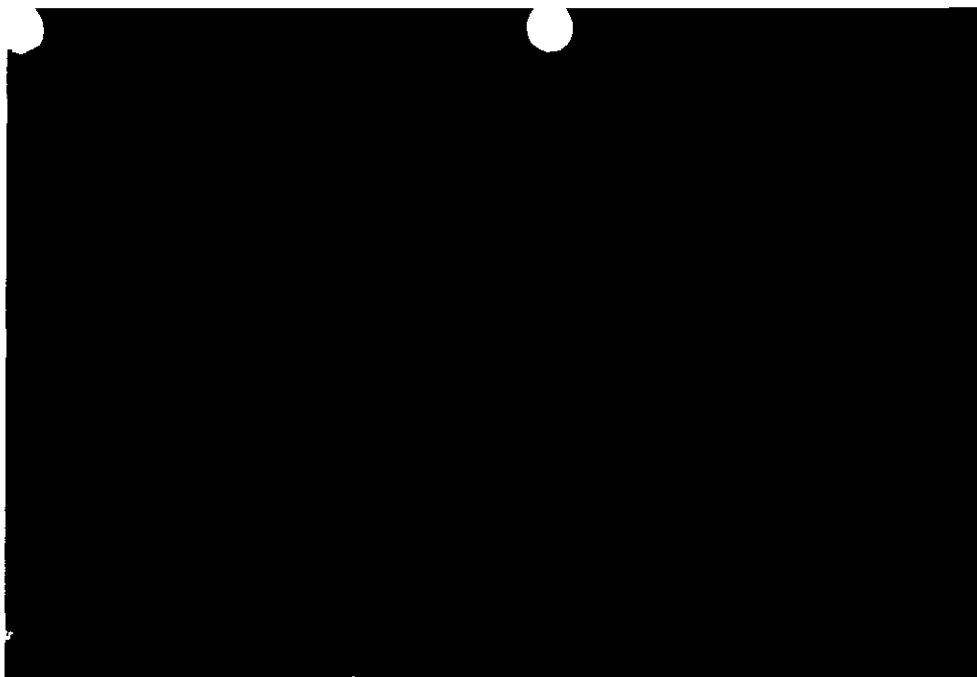
X 1.1

Y 1.1

Z 1.1

47-77/8

Gravity line with risers.



Standpipe in gravity
system.



Riser in gravity system

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Well, pipeline to
standpipe, booster pump
to pivot, overflow to
buried line to gravity
system,



Detail of system
supplying pivot.



Pivot-irrigated ground.

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DEC 13 1988



4/86

RECEIVED

AUG 19 1987

Department of Water Resources
Southern Region Office

RECEIVED

AUG 21 1987

Department of Water Resources
STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

EXAMINATION FEE INFORMATION

For Office Use Only
Fee Received \$150.

Date 8-19-87

Receipt # 45159

Receipt by *GA*

Sent to S.O. 8/20/87

1. Permit No. 47-7718

ONE OF THE FOLLOWING BOXES SHOULD BE MARKED TO DESIGNATE YOUR CHOICE:

☒ I choose to have the department make the field examination of this permit; attached is the examination fee. (If this box is marked, complete items 1 thru 8.)

2. Permit Holder: D. R. Callen

3. Post Office Address: Rt. 1 Box 4555, Twin Falls, ID 83301

Telephone No. 655-4273

4. Source of Water: Groundwater

5. Extent of Use:

Domestic _____ (No. of households) Stockwater 250 ^{range} (No. and type of stock)

Irrigation 132 (acres) Other/Remark _____

6. Total rate &/or volume for which proof is submitted 2.64 cfs _____ acre-feet

7. Show the date water was first diverted and beneficially used under this permit:

1981

8. Person to contact to accompany the department representative during the field examination:

Permittee

(Name)

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Same

(Address)

(Telephone Number)

☐ I choose to have the field examination conducted by a certified water right examiner. Attached is a statement from the certified examiner I have selected verifying that he has been retained to conduct the examination. (If this box is marked, complete items 1 thru 7.)

Date

D R Callen 8/19/87
Signature of Permit Holder (and title, if appropriate)

State of Idaho

Department of Water Resources

LICENSE EXAMINATION FEE SCHEDULE

(c.f.s. = cubic feet per second
AF = acre feet)

cfs	AF	Fee
0 - 0.04	0 - 4	\$ 0
.05 - 0.20	5 - 20	50.00
.21 - 1.0	21 - 100	100.00
1.01 - 2.0	101 - 200	125.00
2.01 - 3.0	201 - 300	150.00
3.01 - 4.0	301 - 400	175.00
4.01 - 5.0	401 - 500	200.00
5.01 - 6.0	501 - 600	225.00
6.01 - 7.0	601 - 700	250.00
7.01 - 8.0	701 - 800	275.00
8.01 - 9.0	801 - 900	300.00
9.01 - 10.0	901 - 1000	325.00
10.01 - 11.0	1001 - 1100	350.00
11.01 - 12.0	1101 - 1200	375.00
12.01 - 13.0	1201 - 1300	400.00
13.01 - 14.0	1301 - 1400	425.00
14.01 - 15.0	1401 - 1500	450.00
15.01 - 16.0	1501 - 1600	475.00
16.01 - 17.0	1601 - 1700	500.00
17.01 - 18.0	1701 - 1800	525.00
18.01 - 19.0	1801 - 1900	550.00
19.01 - 20.0	1901 - 2000	575.00
20.01 & over	2001 & over	600.00

Checks should be made payable to the
Department of Water Resources

No fee is required for single family
domestic use or stockwater use.



State of Idaho

DEPARTMENT OF WATER RESOURCES

STATE OFFICE, 450 W. State Street, Boise, Idaho

CECIL D. ANDRUS
Governor

A. KENNETH DUNN
Director

47-7718
CALLEN, D. R.
RT. 1
TWIN FALLS, ID 83301

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 334-4440

August 12, 1987

Dear Permit Holder:

LAPSE NOTICE License Examination Fee

You are hereby notified that under the provisions of Section 42-217 and 42-218a, Idaho Code, the above referenced permit will lapse and be of no further force nor effect on October 12, 1987, for failure of the permit holder to submit either the license examination fee or an acceptable field examination report prepared by or under the supervision of a certified water right examiner.

Provisions of § 42-217, Idaho Code, and the Beneficial Use Examination Rules and Regulations provide that failure of the permit holder to submit either the fee or an acceptable field examination report within one (1) year and sixty (60) days after notification by the director that the submittal is due is cause for the director to reject the proof of beneficial use and lapse the permit. The Department notified you of the required submittal on August 12, 1986.

The lapsed permit can be reinstated upon a showing of reasonable cause for late submittal of proof of beneficial use, if you submit to the Department on or before December 11, 1987, either the license examination fee or an acceptable field examination report prepared by or under the supervision of a certified water right examiner.

Enclosed is a fee information sheet that must be completed and submitted to the Department to keep the permit in good standing. If you have questions, please contact any office of the Department.

Sincerely,

L. Glen Saxton
L. GLEN SAXTON, Chief
Operations Bureau

Enclosure

RECEIVED



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

47-7718
CALLEN, D. R.
FT. 1
TWIN FALLS, ID 83301

138147

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

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
Southern Regional Manager

Enclosures

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Southern Region

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

APRIL 17, 1985

D.R. CALLEN
RT. 1
TWIN FALLS

ID 83381

RE: Permit No. 47-7718

Dear Permit Holder:

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

Before a license can be issued, a field examination must be made by a representative of this department.

A field examiner will contact you to arrange to examine your system.

If you have any questions regarding the field examination, please contact this office by phone at 734-3578 or in person at our office at 1041 Blue Lakes Blvd. N. Twin Falls, Idaho.

Sincerely,
s/Mary A. Newby
Secretary

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DEC 18 1989

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APR 5 1985

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

PROOF OF BENEFICIAL USE

Department of Water Resources

The Idaho Department of Water Resources will consider this form as a statement that the permit holder(s) has completed development under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below:

Permit No. 47-7718

Name(s) of Permit Holder: D. R. Callen

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APR 5 1985

Department of Water Resources

Post Office Address: Rt #1 Twin Falls, ID 83301

Telephone No. 665-4273

Source of Water: Groundwater

Extent of Use:

Domestic _____ (number of households)

Stockwater 250 Range Cattle (number and type of stock)

Irrigation 305 (acres)

Other/Remarks _____

Indicate the date water was first diverted and beneficially used under this permit: May, 1981

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

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

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

Permit Holder (Above)

(Name)

(Address)

(Telephone Number)

The above information is a true statement of the extent to which the above numbered permit has been developed.

April 4, 1985
Date

J R Callen
Signature of Permit Holder (and Title, if appropriate)

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State of Idaho
DEPARTMENT OF WATER RESOURCES
STATE OFFICE, 450 W. State Street, Boise, Idaho

JOHN V. EVANS
Governor

C. STEPHEN ALLRED
Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 334-4440

Sutton
June 1, 1981

MEMO

TO: Norm Young *(Ney)*
FROM: Hydrology Section *SPS*
SUBJECT: Application 47-7718 for an 800 ft. well in T13S-R15E-12NE1/4NE1/4, Twin Falls County, for 6.10 cfs (irrigation and stockwater)

The proposed well would be surrounded by few other wells. Only 3 wells are in the vicinity: two in Section 2 (a 600 ft. irrigation well, and a 400 ft. well for an unknown use) and one in T13S-R16E-6 (a 200 ft. domestic well). Lava is the aquifer for the existing wells and probably also occurs at the great depth of 800 ft. The nearest deep well is a 900 ft. irrigation well in T12S-R15E-35, roughly 2 1/2 miles from the proposed well. This well was drilled through basalt, rhyolite and sandstone; unfortunately, the log is incomplete - it ends at 774 ft.

The casing of the well should be sealed with grout against the country rock. The aquifers that should be protected by the grout seal include three lava units: one at 66-78 ft., another at 91-104, and the third at 146-200 ft; these are the aquifers for the 200 ft. domestic well in 13S-R16E-6.

SS:mb

IDENTIFIED

S T A T E O F I D A H O
D E P A R T M E N T O F W A T E R R E S O U R C E S

STATEHOUSE
BOISE, IDAHO 83720
(208) 334-4440

CALLEN, D. K.
RT. 1
TWIN FALLS, ID 83301

JUNE 23, 1981

RE: PERMIT NO. 47-7718

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

04/01/81

INDICATES TOTAL

RIGHT NUMBER	NAME AND ADDRESS	PRIORITY DATE	USE	USE PERIOD FROM TO	MAX AMOUNT MAX RATE	DIVERSION POINT	PLACE OF USE AND ACREAGE	BASIS FOR RIGHT
43-4106								
					---*AFA 2.80*CFS			
47-4232	ALLEN, J. NEAL ALLEN, LINDA K. RT. 2 FILER	05-01-1920	IRRIGATION	05-01 10-31		NWNE S22 T10S R15E	NWNE(14) S22 T10S R15E	STATRY CLM
	SOURCE: WASTE WATER		TRIBUTARY:	LOW LINE CANAL			14 ACRES*	
47-7716	CEDAR MESA RESERVOIR & CANAL C P.O. BOX 525 TWIN FALLS	02-18-1981	POWER	01-01 12-31	135.00 CFS	SWNE S12 T14S R13E	SWNE S12 T14S R13E	APPLICATION
	SOURCE: CEDAR CREEK		TRIBUTARY:	SALMON FALLS CREEK				
	REMARKS: HEAD = 80 FT							
47-7717	CITY OF FILER FILER	03-11-1981	MUNICIPAL	01-01 12-31	3.63 CFS	SENE S07 T10S R16E	S07 T10S R16E S08 T10S R16E S17 T10S R16E	APPLICATION
	SOURCE: GROUNDWATER		TRIBUTARY:					
	OTHER RIGHTS: 47-7623, 47-7273, 47-4144, 47-4145							
	REMARKS: P/U = WITHIN CITY OF FILER							
47-7718	CALLEN, D. R. RT. 1 TWIN FALLS	03-11-1981	IRRIGATION	03-15 11-15	6.10 CFS	NENE S12 T13S R15E		APPLICATION
	SOURCE: GROUNDWATER		TRIBUTARY:					
	P/U: T13S R15E S12 NENE(40)		NWNE(40)	SWNE(40)	SENE(40)			
	P/U: T13S R16E S06 LT06 (NWSW)(10)		LT07 (SWSW)(20)	SWNW(35)	SENW(25)			
	S07 NENW(20)							
							305 ACRES*	
			STOCKWATER	01-01 12-31	.07 CFS		SAME AS OTHER USE	
					---*AFA 6.17*CFS			
47-7719	GRACE BAPTIST CHURCH 798 EASTLAND DRIVE NORTH TWIN FALLS	03-11-1981	IRRIGATION	03-15 11-15	.20 CFS	NWNW S11 T10S R17E	NWNW(10) S11 T10S R17E	APPLICATION

RECEIVED

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:

42-2218-

CALLEN, D. R.

RT. 1, TWIN FALLS, ID 83301

Source: GROUNDWATER

Date Filed: 03/11/1981

Amount: 6.17 CFS

Diversion Point: NENE Sec 12 T 13S R 15E, TWIN FALLS Co.

Use: IRRIGATION (6.10 CFS) from 03/15 to 11/15
STOCKWATER (0.07 CFS) from 01/01 to 12/31

Place of Use: NENE NWNE SWNE SENE Sec 12 T 13S R 15E LOT 06 (NWSW)
LOT 07 (SWSW) Sec 06 T 13S R 16E NENW NWNW SWNW SENW
Sec 07 T 13S R 16E FOR 305 ACRES

Diversion Means: WELL & PUMP

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 APRIL 27, 1981.

C. STEPHEN ALLRED

Director

Published 4/9 & 4/16/81.

RECEIVED
APR 16 1981
TWIN FALLS
IDAHO

47-7718
CALLEN, D.R.
RT. 1, TWIN FALLS, ID 83301
Source: GROUNDWATER
Date Filed: 03/11/1961
Amount: 6.17 CFS
Diversion Point: NENE Sec
12 T 13S R 15E, TWIN
FALLS Co.
Use: IRRIGATION (6.10 CFS)
from 03/15 to 11/15
STOCKWATER (0.07 CFS)
from 01/01 to 12/31
Place of Use: NENE NWNE
SWNE SENE Sec 12 T 13S
R 15E LOT 06 (NWSW) LOT
07 (SWSW) Sec 06 T 13S R
16E NENW NWNW SWNW
SENW Sec 07 T 13S R 16E
FOR 305 ACRES
Diversion Means: WELL &
PUMP

*de
macepe
4/1/81*

S T A T E O F I D A H O
DEPARTMENT OF WATER RESOURCES
Southern Region

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

MARCH 24, 1981

Times News
P. O. Box 548
Twin Falls, Idaho 83301

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 APRIL 27, 1981.

Yours truly,

Mary A. Hill
Secretary

Encl.

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