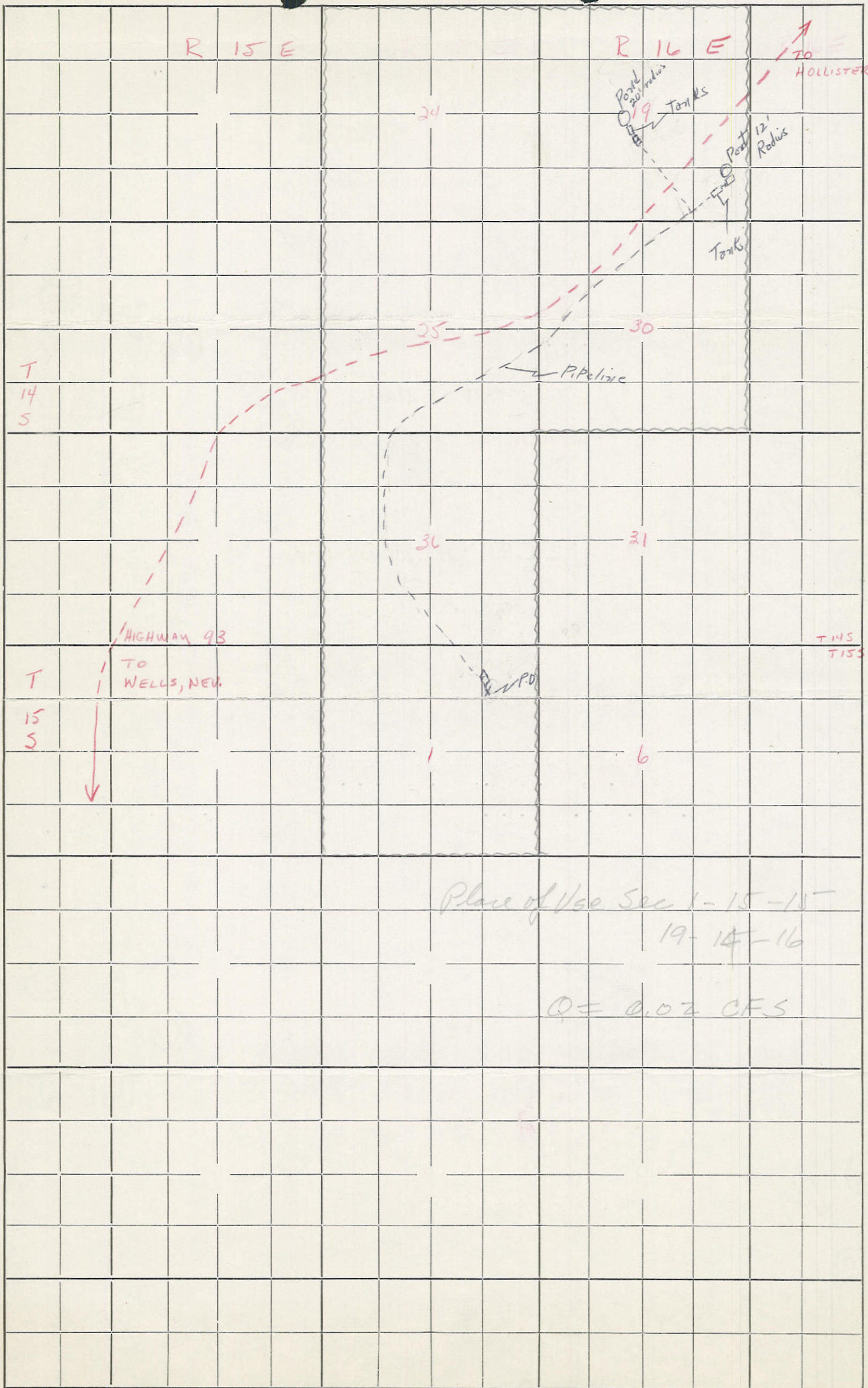




37
22,000 x 1" plates
3 different slots
1 inch

Ralph Schnell
Rogerson, Idaho

Permit No. 28273

Examination for Completion of Works & Beneficial Use

County Twin Falls

Quantity: 0.4 Sec. 1 T.15S R.15E BM

Source: Spring

NE. NE & }
P. D.: NW. NE } Sec. 1 - T.15S - R.15E BM

Use: Livestock water

Filed: 11-19-59

Due: 11-20-64

Extension:

Protest:

Completion of Works:

Other Rights: None stated

INSTRUCTIONS TO EXAMINERS

1. Always carefully note the location of the point of diversion and accurately plat same.
2. When proof is for beneficial use, carefully check up the number of acres actually irrigated in each forty and accurately plat same.
3. Make a map showing the correct location of streams and ditches, and the irrigated lands, and any adjacent permanent landmarks, such as towns, lakes, large streams and public roads.
4. If any unusual conditions are discovered, make plain statement of them under remarks.
5. Always see the holder, if possible, and go over the whole ground with him and make your report only upon actual existing facts and conditions.
6. Give general characteristics of soils, topography, and crops raised.

RECEIVED
AUG 2 1965

Department of Reclamation

634 addition

28273

NOTICE OF PROOF OF COMPLETION OF WORKS AND APPLICATION OF WATER TO BENEFICIAL USE

NOTICE is hereby given that at 2:00 P.M., on the 6th day of January 1963, at Twin Falls County of Twin Falls, State of Idaho, before Edward L. Benoit, Notary Public, at Room 3, Bank & Trust Building, proof will be submitted of the completion of works for the diversion of 0.4 cfs of the waters of a spring, and of the application to beneficial use of said water, in accordance with the terms and conditions of Permit No. 23273, heretofore issued by the Department of Reclamation of the State of Idaho.

1. The name and postoffice address of the person or corporation holding said permit is: Ralph Schnell, Rogerson, Idaho.

2. Said works of diversion will be fully completed on the date set for such completion and the amount of water which said works are capable of conveying to the place of use is 0.4 c.f.s.

3. The use to which said water has been applied is Livestock watering purposes, and the amount applied to beneficial use is 0.4 c.f.s.

4. The point of diversion of said water is a spring in the SW corner of NE1/4NE14, Section 1, Township 15 South, Range 15, EBM, Twin Falls County, Idaho.

5. The place where said water is used is Sec. 1, T. 15 S., Range 15 EBM Sec. 19, T. 14 S., Range 16 EBM Sec. 30, T. 14 S., Range 16 EBM.

6. The date of priority which said user is prepared to establish is Jan. 5, 1960.

CARL E. TAPPAN
State Reclamation Engineer
Publish: Nov. 26, Dec. 3, 10, 17, 1964.

Affidavit of Publication

No. 10854

STATE OF IDAHO,
COUNTY OF TWIN FALLS

ss.

JAN 7 1965

I, Mahe L. Plank, Department of Reclamation, being first duly sworn upon

oath depose and say that I am Principal Clerk of the TIMES-NEWS, published daily, except Saturday, 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

consecutive three days, commencing with the issue dated November 26, 1964, and ending with the issue dated December 17, 1964.

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, 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 this 12th day of

December, 1964.

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

28273

Re: Permit No. 28273
Ralph Schnell

November 20, 1964

Mr. Edward L. Benoit,
Attorney at Law,
Box 366,
Twin Falls, Idaho.

Dear Mr. Benoit:

This acknowledges the Notice of Proof of Completion of Works and Application of Water to Beneficial Use under Permit No. 28273, in the name of Ralph Schnell. Final Proof is to be made before you, as Notary on the 6th day of January, 19 65, at 2:00 o'clock P.M., at Room 3, Bank and Trust Bldg., Twin Falls, Idaho.

As of this date, we have mailed the Notice to the Times-News Twin Falls, Idaho with instructions to publish it once a week for four consecutive weeks prior to the date set for final proof and then mail the Affidavit of Publication and statement of costs to you.

It is important that the enclosed depositions be executed by the permit holder and two disinterested witnesses who are familiar with the terms of the permit and the work done thereunder, at the time, on the date and before you, as Notary, as stated in the publication notice. It is very important and necessary that each question be answered in detail.

In returning the depositions to this office, be sure that all copies have been signed, that your Notary's seal has been placed on each and that all depositions, (holder and two witnesses) are being returned. Also be sure to enclose the AFFIDAVIT OF PUBLICATION.

Very truly yours,

CARL E. TAPPAN
State Reclamation Engineer
By

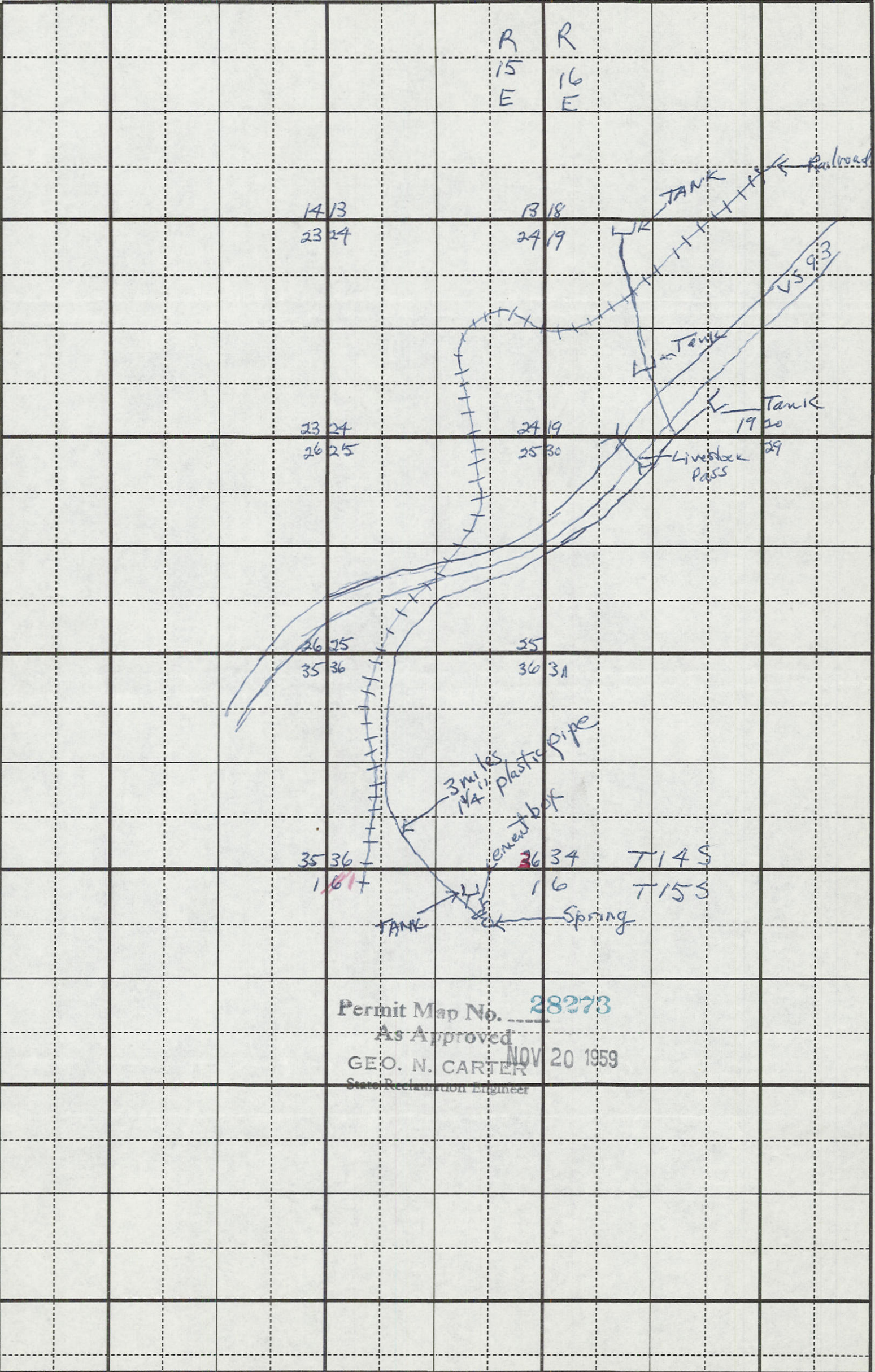
(MRS.) EDNA P. RULE
Chief Clerk

Encl.
EPR:pmk
cc: Applicant

28273

NAME OF APPLICANT Ralph Schnell

Form No. 0



Permit Map No. 28273
As Approved
GEO. N. CARTER
State Reclamation Engineer

NOV 20 1959



... Where You Need It *Trickle Goes a Long Way*

By CLARENCE F. HEDRICK

RALPH SCHNELL, Rogerson, Idaho, rancher and supervisor of the Twin Falls Soil Conservation District, developed 2,640 acres of range land with one-half inch of water. This trickle is worth many thousands of dollars to his ranching operation.

One-half inch of water doesn't sound like much. Water flowing from a pipe at the rate of one-half inch produces 4½ gallons per minute.

With this water Schnell has helped expand the grazing area for his 350 Hereford cows. Before he tied into the spring, livestock could be grazed only in late fall or winter over a small area when water was available.

Now the water from this spring, appropriately named Schnell's Spring, flows through one-inch plastic pipeline over 3½ miles and fills eight 750-gallon stock water tanks.

Schnell tried to bury the plastic pipe 24 to 30 inches deep, but because of rock outcrops, it was impossible to reach this depth at all times.

Methods. Three methods of installing were used. One was to dig the trench with motor patrol, cover four inches by hand, then use the patrol to complete the job.

A ripper was used next to rip the trench while the plastic pipe was fed into the bottom of it through a four-inch

piece of metal pipe dragging at the bottom of the trench.

Another way used was digging and covering the trench by hand. This method worked best on rough terrain where heavy equipment could not operate.

Schnell says the most satisfactory method was the combination of the motor patrol and laying pipe by hand. Enough pipe could be installed to allow for contraction so plastic joints would not be broken.

Outlets were placed at various units and stock water tanks installed at these points.

Valves. Float valves control the flow of water at each tank. When tanks are filled the water is shut off and continues into the next tank.

To do the job, Schnell purchased around 19,000 ft. of plastic pipe. Labor cost about \$900. Total cost of this project, including tanks, was \$4,140.

Schnell can now use all forage in every unit. The project saves time and labor too as he won't have to haul water at a cost of close to 10c per head per day.

Six thousand four hundred feet of 100 lb. pressure pipe was used to take care of the pressure created by the fall from the spring to 327 ft. into the first ravine and back to the top of the first hillcrest. From that point 75 lb. pressure pipe was installed for the next 2½ miles.

From all appearances the project is paying off well.



Top left: Cattle now have plentiful water where it's needed.

Top right: Ralph Schnell laying plastic pipe in trench made by motor patrol.

Lower right: Pipe being covered by rock-free soil to 4 inch depth, before job was finished by motor patrol.

Lower left: Ripper was used to make trench and lay plastic pipe at the same time.



28273

State of Idaho
License and Certificate of Water Right

Water License No. 28273

Amount 0.02 c.f.s.

Water District No.

Priority January 5, 1960

THIS IS TO CERTIFY that RALPH SCHNELL
of Rogerson, Idaho, made application for a permit to appropriate the
public waters of the State of Idaho, dated November 19, 1959; that Permit No. 28273
was issued under said application, that Certificate of Completion of works, with a carrying capacity of
0.02 second feet, was issued hereunder on August 23, 1965, showing that said works
were completed on the 6th day of January, 1965; and that on the 6th
day of January, 1965, RALPH SCHNELL

of Rogerson, State of Idaho, made proof to the satisfaction of the
State Reclamation Engineer of Idaho, of the right to use the waters of a spring
, a tributary of , for the purpose of stock water
, under Use Permit No. 28273 of the Department of Reclamation
and that said right to the use of said waters has been perfected in accordance with the laws of Idaho,
and is hereby confirmed by the State Reclamation Engineer of Idaho and entered of record in Volume
13 of Licenses at page 8230, on the 23 day of August, 1965;
The right hereby confirmed dates from January 5, 1960;

The Point of Diversion is located
in the NE 1/4 NE 1/4, Sec. 1, Tp. 15 S, R. 15 E, B. M. Falls County, Twin

That the amount of water to which such right is entitled and hereby confirmed, for the purposes
aforesaid, is limited to an amount actually needed and beneficially used for said purposes, and shall
not exceed 0.02 cubic feet per second.

Description and location of use:

Twp.	Range	Sec.	Forty-acre Tract	No. Acres Described in Permit	No. Acres Actually Irrigated
14 S 15 S	16 E 15 E	19 1	NE 1/4 NE 1/4 For stock water only		

The right to the use of the water aforesaid hereby confirmed is restricted to the lands or place
of use herein described, as provided by the laws of Idaho.

WITNESS the seal and signature of the State Reclamation Engineer, affixed at Boise, Idaho, this
23rd day of August, 1965.

/s/ RALPH W. THOMAS
Deputy State Reclamation Engineer.

(SEAL)

**Application For Permit
To Appropriate the Public Waters of the State of Idaho**

47-2327

APPLICATION No. 36239
PERMIT No. 28273
DISTRICT No.

1. Name of Applicant: Ralph Schnell

Postoffice address: Rogerson

County: Twin Falls

State: Idaho

I. If applicant is a corporation, give:

- (a) Date and place of incorporation:
- (b) Amount of capital stock:
- (c) Amount paid in:
- (d) Names and addresses of directors:

II. The financial resources of the applicant are:

- (a) Cash on hand:
- (b) Treasury stock:
- (c) Bond to be issued:
- (d) Other resources:

2. Quantity of water claimed: 0.4 cubic feet per second.

3. Source of water supply: Spring which is a tributary of

4. Location of point of diversion: feet distant from the

corner of Section , T. , R. , B.M., and is in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ and NW $\frac{1}{4}$ NE $\frac{1}{4}$
of section 1 , T. 15 S , R. 15 E , B. M., County of Twin Falls

5. Water is to be used for Livestock watering

6. If for mining, milling, power or manufacturing purposes, give: See remarks

(a) Point of use of water: feet distant from corner of Section
T. , R. , B.M., in the of Section of , T. , R. , B.M.

(b) Amount of power generated: H.P., under feet head.

(c) Water is to be returned to at a point feet
distant from the corner of Section , T. , R. , B.M., in the
of Section , T. , R. , B.M.

7. Estimated cost of works: \$ 2,000.00

8. Kind of works: Cement box and 3 miles of 1 $\frac{1}{4}$ " plastic pipe carrying water to four 500 gallon tanks

9. Height of dam feet; length of dam at top feet; length of dam at bottom
feet; material used in dam:

10. Size of headgate: Width feet; height feet.

11. Ditch: Width at bottom feet; width at water line feet; depth of water feet;
dimensions of flume:

Diameter of pipe 1 $\frac{1}{4}$ inches; length of conduit 3 miles miles.

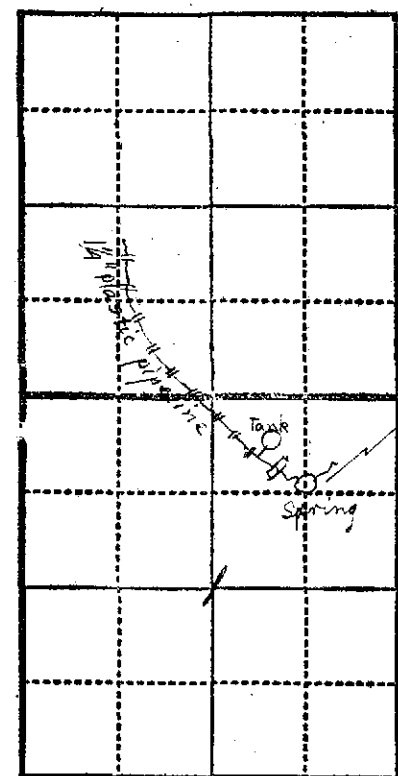
Average grade per mile feet.

12. The time required for the completion of such work is 5 years.

13. The time required for the complete application of the water to the proposed use is 0 additional years.

14. The land to be irrigated is described in the following tabulation: See remarks.

15. Existing water rights and/or valid permits appurtenant to the lands to be irrigated are:



16. (a) Is reservoir to be used? No If so, fill in (b) and (c) below:
 (b) Name of Reservoir and number of Storage Permit:
 (c) Date of filing of Application for Storage Permit and Name of Applicant:

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

s/ Ralph Schnell *Applicant.*

By

Agent.

Date of first receipt at Department of Reclamation: 9:00 A.M. November 19, 1959

Returned to applicant for correction:

Corrected application received:

Approval of State Reclamation Engineer

The number of this permit is 28273

Recorded in Book 99 Page 28273 Approved November 20, 1959

This is to certify that I have examined the within application for a permit to appropriate the public waters of the State of Idaho, and hereby approve the same, subject to the following limitations and conditions:

Bond in the sum of \$ _____ to be filed on or before _____

Work to begin on or before January 20, 1960 and to continue diligently and uninterruptedly to completion, unless temporarily interrupted by circumstances over which permit holder has no control.

One-fifth of the work above specified to be completed on or before May 20, 1962

The whole of said work to be completed on or before November 20, 1964.

Beneficial use of water appropriated in accordance herewith, to be made on or before November 20, 1964

WITNESS My hand this 20th day of November, 1959

s/ GEO. N. CARTER
State Reclamation Engineer.

IN TESTIMONY WHEREOF, We,.....ROBERT E. SMYLLIE....., Governor of the State of Idaho,
and ARNOLD WILLIAMS....., Secretary of State of the State of Idaho, have caused this instrument to
be executed in the name of the State of Idaho, and caused the Great Seal of the State of Idaho to be hereunto affixed, this 20th.....

day of November, 19 59.
Countersigned:

STATE OF IDAHO

(SEAL) By s/ ARNOLD WILLIAMS
Secretary of State.

By s/ ROBERT E. SMYLLIE
Governor.

REMARKS: Water will be used by stock grazing on Section 1, Township 15 South, Range 15 EBM; Sections 24, 25, and 36 in Township 14 South, Range 15 EBM, and Sections 19 and 30 in Township 14 South, Range 16 EBM

14.

Twp.	Range	Sec.	NE $\frac{1}{4}$				NW $\frac{1}{4}$				SW $\frac{1}{4}$				SE $\frac{1}{4}$				Totals
			NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	
			Permit No. 28273 CERTIFICATE OF COMPLETION OF WORKS TO ALL WHOM IT MAY CONCERN: This is to certify that RALPH SCHNELL of Rogerson, County of Twin Falls, and State of Idaho, the holder of Permit No. 28273, issued upon Application No. 36239 bearing date of priority of November 19, 1959, authorizing the diversion of 0.4 second feet of waters of spring, County of Twin Falls, State of Idaho, for stock water purposes, has fully complied with the provisions of the laws of the State of Idaho relating to the proof of completion of the works of diversion set out and described in said Permit; that said works are adequate for diverting and conveying to the place of intended use 0.02 second feet of the waters of a spring; that the point of diversion of said waters NE$\frac{1}{4}$NE$\frac{1}{4}$, Sec. 1, T. 15 S., R. 15 E., B.M. and that the lands proposed to be irrigated by the use or place of use of said water are described as follows, to-wit: For stock water in the NE$\frac{1}{4}$NE$\frac{1}{4}$, Sec. 1, T. 15 S., R. 15 E., B.M.; Sec. 19, T. 14 S., R. 16 E., B.M. Witness my hand this 23rd day of August, A.D. 1965 /s/ RALPH W. THOMAS Deputy State Reclamation Engineer Proof of Completion of Works Made: January 6, 1965																
			LICENSE ISSUED FOR <u>0.02</u> SEC. FT. LICENSE PAGE NO. <u>8230</u>																

August 23, 1965

RE: Permit No. 28273

Ralph Schnell
Rogerson, Idaho

Dear Mr. Schnell:

Enclosed are the Certificate of Completion of Works and
License and Certificate of Water Right on the above
numbered permit.

Also enclosed is departmental receipt No. 32885 in the
amount of \$10.00 covering the fees.

Very truly yours,

CARL E. TAPPAN
State Reclamation Engineer
By

(Mrs.) Edna P. Rule
Chief Clerk

EPR:mr

Enc. license, certificate, receipt

28273

August 4, 1965

RE: Permit No. 28273

Ralph Schnell
Rogerson, Idaho

Dear Mr. Schnell:

Our field engineer's report on his inspection of proof of completion of works and application of water to beneficial use under the terms of Permit No. 28273 shows the tanks and pipe line are capable of conveying 1 miner's inch, or 0.02 c.f.s. of water for stock water purposes.

Upon receipt of the statutory fees totaling \$10.00 we will issue the Certificate of Completion of Works and License and Certificate of Water Right, confirming the right, with priority of January 5, 1960, to the use of 0.02 c.f.s. of water from a spring with the point of diversion in the NE¹/₄NE¹/₄, Sec. 1, T. 15 S., R. 15 E., B.M. for stock water in the NE¹/₄NE¹/₄, Sec. 1, T. 15 S., R. 15 E., B.M.; Sec. 19, T. 14 S., R. 16 E., B.M.

Very truly yours,

CARL E. TAPPAN
State Reclamation Engineer
By

(Mrs.) Edna P. Rule
Chief Clerk

EPR:mr

28273

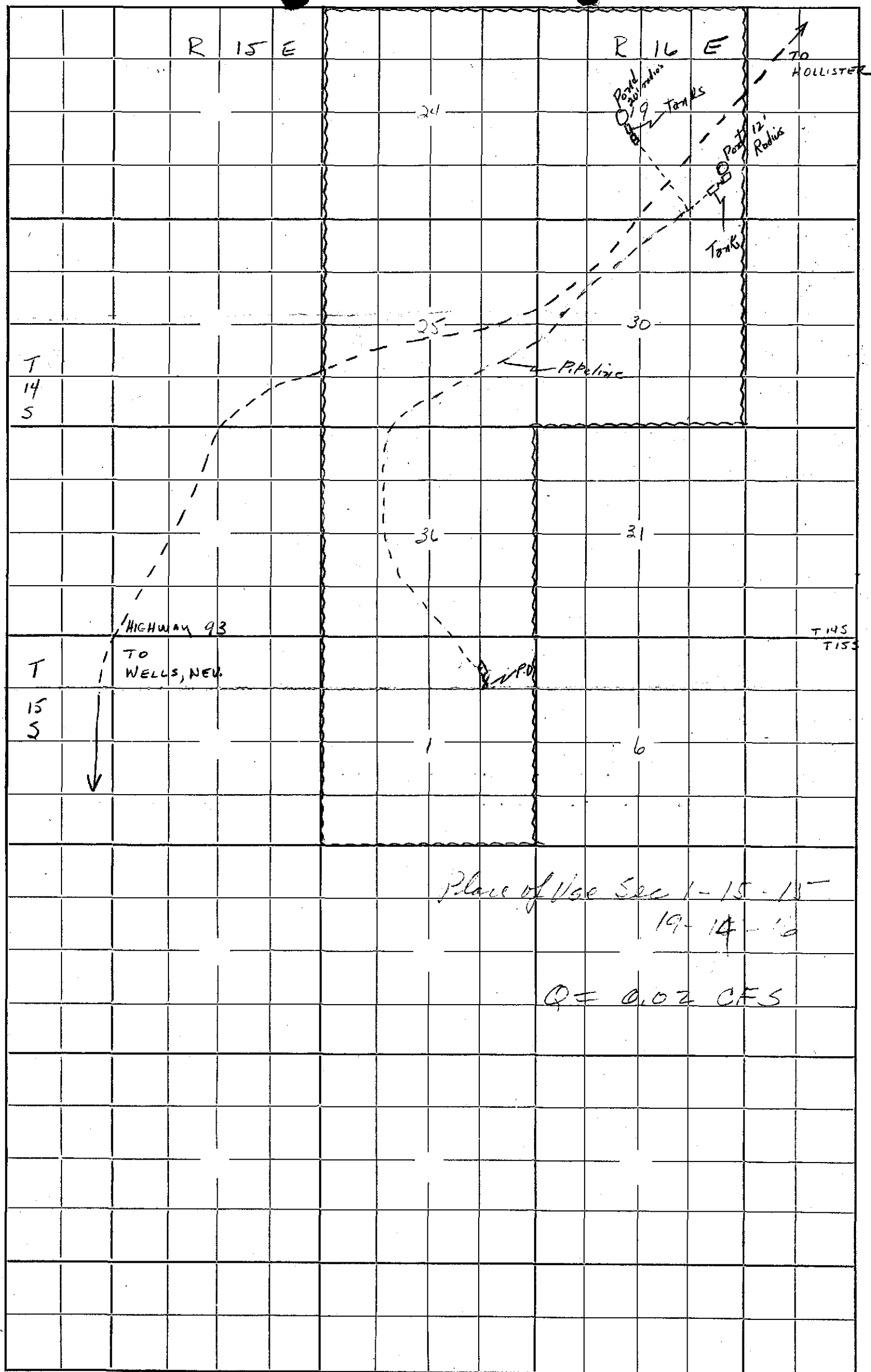
STATE OF IDAHO
DEPARTMENT OF RECLAMATION
BOISE

REPORT OF ENGINEER

PERMIT NO. 28273

REPORT ON PROOF OF Completion of Works & Beneficial Use

Ralph Schnell, Rogerson, Idaho



STATE OF IDAHO
DEPARTMENT OF RECLAMATION
BOISE, IDAHO
REPORT OF ENGINEER

Permit No. 28273This proof is for Completion of Works & Beneficial Use In Water District No. _____1. Name of applicant: Ralph Schnell2. Source of water supply: Spring3. Location of point of diversion: Is in the NE⁴NE⁴ & NE⁴SE⁴ of Section 1T. 15S. R. 15 E.B.M. County of Twin Falls

4. Describe works as they exist, giving dimensions and capacities of same: 22,000' Plastic Pipe
from Spring in NE⁴NE⁴-1'-15S-15E To Stock Tanks in
NE⁴NE⁴-1'-15S-15E. (30'x2.5' half round) 2 Tanks - SE⁴SE⁴, 2 Tanks in NE⁴SW⁴
19'-15S-16E (12'x2.2' half round). flow 4.5 gal per minute. Automatic
float valve on tanks To regulate flow.

5. Water is used for: Livestock watering6. State whether or not water has been turned into works of diversion: yes

7. List legal subdivisions of lands to be irrigated. If proof is for beneficial use, give exact number of acres under cultivation in each forty-acre tract. (Describe manner and place of use if other than irrigation):

Stock Water

PLACE OF USE: Sec. 1, Twp. 15 S., Rge. 15 E.B.M.; Sections 24, 25, and 36 in
 Twp. 14 S., Rge. 15 E.B.M. and Sections 19 and 30 in Twp. 14 S., Rge. 16 EBM

(Submit map on attached plat, showing location and details of above description.)

8. What large stream would the water here appropriated finally reach?

Remarks: Snake river MR Schnell was not available.
System was examined and information obtained by
contacting S.C.S. in Twin falls.

This examination was made on the 28th day of July, 1965(Signed) Robert W. Hamilton Examiner.

INSTRUCTIONS TO EXAMINERS

1. Always carefully note the location of the point of diversion and accurately plat same.
2. When proof is for beneficial use, carefully check up the number of acres actually irrigated in each forty and accurately plat same.
3. Make a map showing the correct location of streams and ditches, and the irrigated lands, and any adjacent permanent landmarks, such as towns, lakes, large streams and public roads.
4. If any unusual conditions are discovered, make plain statement of them under remarks.
5. Always see the holder, if possible, and go over the whole ground with him and make your report only upon actual existing facts and conditions.
6. Give general characteristics of soils, topography, and crops raised.

RECEIVED
AUG 2 1965

Department of Reclamation

Ralph Schnell
Rogerson, Idaho

Permit No. 28273

Examination for Completion of Works & Beneficial Use

County Twin Falls

Sec. 1 T.15S R.15 EBM

Quantity: 0.4

Source: Spring

NE. NE 8 } Sec. 1 - T.15S - R.15 EBM
P.D.: NW. NE

Use: Livestock water

Filed: 11-19-59

Due: 11-20-64

Extension: —

Protest: —

Completion of Works: —

Other Rights: None stated

634 additional

1M April 1962

January 13, 1965

Re: Permit N88273

Mr. Ralph Schnell
Rogerson, Idaho

Dear Mr. Schnell:

We acknowledge receipt of the depositions of holder and two witnesses, also affidavit of publication in the TRIBUNE, all submitted in proof of completion of works and beneficial use on Permit N88273.

Before final action is taken in the matter, the law requires that a field examination be made by an engineer from this department.

We cannot tell just when this examination will be made, but our field engineer will try and contact you at the time he makes the examination so that arrangements may be made to show him over the grounds.

Very truly yours,

GEO. N. CARTER
State Reclamation Engineer

By:

(Mrs.) Edna P. Rule
Chief Clerk

EPR:
cc: Edward L. Benoit
Attorney at Law
P. O. Box 366
Twin Falls, Idaho

28273

Affidavit of Publication

No. 10854

STATE OF IDAHO,
COUNTY OF TWIN FALLS

ss.

I, Mable F. Clark, being first duly sworn upon

oath depose and say that I am Principal Clerk of the TIMES-NEWS, published daily, except Saturday, 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

consecutive three days, commencing with the issue dated November 26, 1964, and ending with the issue dated December 17, 1964.

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, 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 this 17th day of

1964.

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

NOTICE OF PROOF OF COMPLETION OF WORKS AND APPLICATION OF WATER TO BENEFICIAL USE
NOTICE is hereby given that at 2:00 P.M., on the 6th day of January 1965, at Twin Falls County of Twin Falls, State of Idaho, before Edward L. Bennett, Notary Public, at Room 3, Bank & Trust Building, proof will be submitted of the completion of works for the diversion of 0.4 cfs of the waters of a spring, and of the application to beneficial use of said water, in accordance with the terms and conditions of Permit No. 23213, heretofore issued by the Department of Reclamation of the State of Idaho.
1. The name and postoffice address of the person or corporation holding said permit is: Ralph Schnell, Rogerson, Idaho.
2. Said works of diversion will be fully completed on the date set for such completion and the amount of water which said works are capable of conveying to the place of use is 0.4 cfs.
3. The use to which said water has been applied, is Livestock watering purposes, and the amount applied to beneficial use is 0.4 cfs.
4. The point of diversion of said water is a spring in the SW corner of NE1/4 NE1/4, Section 1, Township 16 South, Range 18, EBM, Twin Falls County, Idaho.
5. The place where said water is used is Sec. 1, T. 16 S., Range 18 EBM, Sec. 19, T. 14 S., Range 18 EBM, Sec. 20, T. 14 S., Range 18 EBM.
6. The date of priority which said user is prepared to establish is Jan. 5, 1960.
CARL E. TAPPAN
State Reclamation Engineer
Publish: Nov. 26, Dec. 3, 10, 17, 1964.

28273

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
BOISE, IDAHO

RECEIVED
JAN 7 1965
Department of Reclamation

Permit No. 28273

PROOF OF APPLICATION OF WATER TO BENEFICIAL USE
and Completion of Works

DEPOSITION OF HOLDER

Ques. 1. State your name, residence, occupation and postoffice address: _____

Ralph Schnell, Farmer, Rogerson, Idaho

Ques. 2. If acting in behalf of corporation, state its name, principal place of business (if a foreign corporation, give name of postoffice of statutory agent), your position with reference to same, and your authority for appearing in its behalf:

N/A

Ques. 3. State number, approval date of permit, and date of priority you propose to establish under the permit; Permit No. 28273; ~~November 20, 1959~~, January 5, 1960. ✓

Ques. 4. State source of water supply: _____

Give location of point of diversion, showing subdivision, section, township and range:

A spring in the SW corner of NE ¹/₄ NE ¹/₄

~~NE ¹/₄ NE ¹/₄ of Section 1, Twp. 15 S, Range 15 E.B.M. County of Twin Falls~~

Ques. 5. Describe your works of diversion; 22,000 feet of one inch plastic pipe with gravity flow emptying into three

different stock watering tanks, which state amount of water they are capable of con-

three watering tanks are located in Section 1, Twp. 15, S, Range 15, E.B.M. *
veying from point of diversion to place of use 0.4 c.f.s.; Give name of canal or ditch

or other works by which water is conducted to such place of use: _____

_____ ; if a well, state depth of well _____ ; depth and size of cas-

ing: _____ ; depth to water _____ ; if pump is used,

state discharge of pump: _____ ; tell how it was measured or determined: _____

_____ ; if sprinkler irrigation, give number and size of nozzles and

operating pressure: _____

Ques. 6. State for what purpose water is used: livestock watering ✓

If for irrigation, name each subdivision in which used and number of acres in each subdivision that have actually been irrigated with said water : N/A

State nature of all improvements which have been made as a direct result of said use:

watering livestock ✓

*and in Sections 19 and 30, Township 14 South, Range 16 EBM.

28273

Ques. 6-a: If this is a ground water permit, give name and address of person that drilled the well: _____

Ques. 7. If for other than irrigation purposes, state purpose and how used:

Livestock watering

Ques. 8. What is the minimum amount of water required for the purpose specified above:

0.4 c.f.s.

Ques. 9. If you are not the person or representative of the corporation to whom above mentioned permit was originally issued, please state how ownership was acquired by present holder:

Ques. 10. State when and in what amount the water diverted under above mentioned permit has been first used: for past four years Time used since first use:

0.4 c.f.s. has been continually used

Ques. 11. Describe all other water rights appurtenant to same place of use:

None

(sign)

Ralph Schnell

I hereby certify that the foregoing testimony was read to the above subscribed, before its signing, that I believe him to be the person he represents himself to be, and that said testimony was subscribed and sworn to before me, at my office in

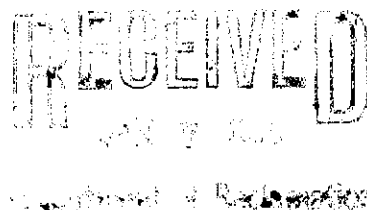
Twin Falls, County of Twin Falls

State of Idaho, on this 6th day of January, A.D. 1965.

Edward L. Bush

My Commission expires: June 1, 1967

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
BOISE, IDAHO



PERMIT NO. 28273

**Proof of Application of Water to Beneficial Use
and Completion of Works
Deposition of Witness**

The deposition of two witnesses, on this form, taken separately, required in each case.

Ques. 1. State your name, age, residence, occupation and postoffice address.

Ans. CLARENCE F. HEDRICK, 49, Twin Falls, Idaho, U. S. Department
of Agriculture, Soil Conservation, P. O. Box 685, Twin Falls, Idaho

Ques. 2. Are you acquainted with Ralph Schnell, the
holder of Permit No. 28273? How long have you known him and where does
he reside?

Ans. I have known him over four years and he lives in Rogerson, Idaho

Ques. 3. Have you read or heard read said Permit No. 28273, and are you
familiar with its provisions and conditions?

Ans. Yes

Ques. 4. State source of water supply, place of diversion, and describe works for
conveying water from point of diversion to place of use.

Ans. a spring in the SW corner of NE¹/₄NE¹/₄, Section 1, Township 15 South,
Range 15, EBM, Twin Falls County, Idaho, and the works are
22,000 feet of one inch plastic pipe through which water flows
by gravity into three different stock watering tanks.

Ques. 5. How many second feet of water do you estimate said works will safely
conduct to place of use, and how much water have you seen being so conveyed?

Ans. 0.4 c.f.s., which water I have seen conveyed from water tanks.

Ques. 6. State for what purpose water is used and at what place. (If for irrigation,
give each subdivision in which water has been used and number of acres irrigated in
each subdivision.) State whether cultivated or natural meadow land and the nature
of all improvements which have been made as a direct result of said use.

Ans. Livestock watering ^{from tanks} located in Section 1, Township 15 South
and in
Range 15, E.B.M.; Sections 19 and 30, Township 14 South, Range
16 E.B.M.

Ques. 7. If for power or other purposes than irrigation, state how water has been applied and to what extent.

Ans. Livestock watering ✓

Ques. 8. If for irrigation, state character of land that has been reclaimed, and give your estimate of the amount of water required for its profitable cultivation.

Ans. _____

Ques. 9. Have you any interest in the works, water or lands above mentioned? If so, in what way and to what extent?

Ans. No

Ques. 10. State when, how, in what amount and to what extent you have witnessed the application to beneficial use of water diverted under said permit.

Ans. I have witnessed application to beneficial use of water
diverted under said permit several times in the last four years.

Clarence F. Hedrick

(Signed)

I hereby certify that the foregoing testimony was read to the above subscriber before its signing, that I believe him to be the person he represents himself to be, and that said testimony was subscribed and sworn to before me in Twin Falls, County of Twin Falls, State of Idaho, on this 6th day of January, A. D. 1965.

Edward L. Lusk

Notary Public.

My commission expires June 1, 1967.

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
BOISE, IDAHO

RECEIVED
JAN 7 1965

Department of Reclamation

PERMIT NO. 28273

Proof of Application of Water to Beneficial Use
and Completion of Works
Deposition of Witness

The deposition of two witnesses, on this form, taken separately, required in each case.

Ques. 1. State your name, age, residence, occupation and postoffice address.

Ans. C. D. O'DELL, age 66, Rogerson, Idaho, retired farmer,
Rogerson, Idaho

Ques. 2. Are you acquainted with Ralph Schnell, the holder of Permit No. 28273? How long have you known him and where does he reside?

Ans. I have known him over four years and he lives in Rogerson, Idaho

Ques. 3. Have you read or heard read said Permit No. 28273, and are you familiar with its provisions and conditions?

Ans. Yes

Ques. 4. State source of water supply, place of diversion, and describe works for conveying water from point of diversion to place of use.

Ans. a spring in the SW corner of NE¹NE¹4, Section 1, Township 15 South,
Range 15, EBM, Twin Falls County, Idaho, and the works are
22,000 feet of one inch plastic pipe through which water flows
by gravity into three different stock watering tanks.

Ques. 5. How many second feet of water do you estimate said works will safely conduct to place of use, and how much water have you seen being so conveyed?

Ans. 0.4 c.f.s., which water I have seen conveyed from water tanks.

Ques. 6. State for what purpose water is used and at what place. (If for irrigation, give each subdivision in which water has been used and number of acres irrigated in each subdivision.) State whether cultivated or natural meadow land and the nature of all improvements which have been made as a direct result of said use.

Ans. Livestock watering/located in Section 1, Township 15 South
and in
Range 15, E.B.M.; Sections 19 and 30, Township 14 South, Range
16 E.B.M.

Ques. 7. If for power or other purposes than irrigation, state how water has been applied and to what extent.

Ans. Livestock watering

Ques. 8. If for irrigation, state character of land that has been reclaimed, and give your estimate of the amount of water required for its profitable cultivation.

Ans. _____

Ques. 9. Have you any interest in the works, water or lands above mentioned? If so, in what way and to what extent?

Ans. No

Ques. 10. State when, how, in what amount and to what extent you have witnessed the application to beneficial use of water diverted under said permit.

Ans. I have witnessed application to beneficial use of water
diverted under said permit several times in the last four years.

C. D. O'Neil

(Signed)

I hereby certify that the foregoing testimony was read to the above subscriber before its signing, that I believe him to be the person he represents himself to be, and that said testimony was subscribed and sworn to before me in Twin Falls, County of Twin Falls, State of Idaho, on this 6th day of January, A. D. 1965.

Edward L. Smith

Notary Public.

My commission expires June 1, 1967.

HARRY BENOIT
EDWARD L. BENOIT
J. ROBERT ALEXANDER

LAW OFFICES
BENOIT & BENOIT
TWIN FALLS BANK & TRUST BLDG.
POST OFFICE BOX 366
TWIN FALLS, IDAHO 83301

AREA CODE 208
TELEPHONE 733-5463

January 6, 1964

RECEIVED
JAN 7 1965

Department of Reclamation

State of Idaho
Department of Reclamation
Boise, Idaho

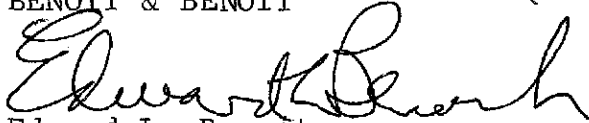
Re: State of Idaho
Permit No. 28273

Gentlemen:

Enclosed are forms for completing proof of
beneficial use and affidavit of publication.

Very truly yours,

BENOIT & BENOIT


Edward L. Benoit

ELB:jdm

Enclosures

28273

December 7, 1964

RE: Permit No. 28273, Ralph Schnell

Edward L. Benoit
Attorney
Box 366
Twin Falls, Idaho 83301

Dear Mr. Benoit:

Enclosed is departmental receipt No. 32553 in the amount of
\$1.50 covering the fee for the copy of the above numbered
permit which was mailed to you previously.

Thank you.

Very truly yours,

CARL E. TAPPAN
State Reclamation Engineer
By

(Mrs.) Edna P. Rule
Chief Clerk

EPR:mr

Enc. receipt

28273

LAW OFFICES
BENOIT & BENOIT
TWIN FALLS BANK & TRUST BLDG.
POST OFFICE BOX 366
TWIN FALLS, IDAHO 83301

HARRY BENOIT
EDWARD L. BENOIT
J. ROBERT ALEXANDER

AREA CODE 208
TELEPHONE 733-5463

December 2, 1964

RECEIVED
DEC 3 1964

Department of Reclamation

Mrs. Edna P. Rule
State of Idaho
Department of Reclamation
107 State House
Boise, Idaho 83701

Re: Permit No. 28273
Ralph Schnell

Dear Mrs. Rule:

Enclosed is our check for \$1.50 for furnishing
copy of the above permit.

Very truly yours,

BENOIT & BENOIT

Edward L. Benoit
Edward L. Benoit *jdm*

ELB:jdm

Enclosure

28273

November 25, 1964

Re: Permit No. 28273
Ralph Schnell

Benoit and Benoit
Attorneys at Law
Twin Falls, Idaho

Attn: Edward L. Benoit

Dear Mr. Benoit:

Enclosed is a copy of the above numbered permit which you requested in your letter of November 23rd.

There is a fee of \$1.50 for this copy which should be mailed into this office as soon as possible.

Very truly yours,

CARL E. TAPPAN
State Reclamation Engineer

By:

(Mrs.) Edna P. Rule
Chief Clerk

EPR:ew

Enc. copy

C
O
P
Y

28273

LAW OFFICES
BENOIT & BENOIT
TWIN FALLS BANK & TRUST BLDG.
POST OFFICE BOX 366
TWIN FALLS, IDAHO 83301

HARRY BENOIT
EDWARD L. BENOIT
J. ROBERT ALEXANDER

AREA CODE 208
TELEPHONE 733-5463

November 23, 1964

RECEIVED
NOV 24 1964

Department of Reclamation

Mrs. Edna P. Rule
State of Idaho
Department of Reclamation
107 State House
Boise, Idaho 83701

Re: Permit No. 28273
Ralph Schnell

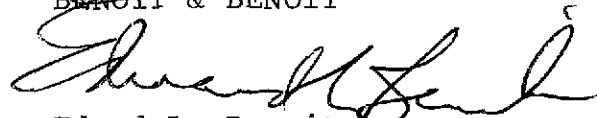
Dear Mrs. Rule:

Will you kindly send us a copy of Permit No. 28273, Ralph Schnell. There is no need to certify the same.

Also please send a statement, together with the permit.

Very truly yours,

BENOIT & BENOIT



Edward L. Benoit

ELB:jdm

28273

HARRY BENOIT
EDWARD L. BENOIT
J. ROBERT ALEXANDER

LAW OFFICES
BENOIT & BENOIT
TWIN FALLS BANK & TRUST BLDG.
POST OFFICE BOX 366
TWIN FALLS, IDAHO 83301

AREA CODE 208
TELEPHONE 733-5463

November 19, 1964

RECEIVED
NOV 20 1964
Department of Reclamation

State of Idaho
Department of Reclamation
Statehouse
Boise, Idaho

Attention: Mrs. Rule

Re: Permit No. 28273

Gentlemen:

Enclosed are Notice of Proof of Completion of Works
and Authorization for Publication.

Because of the lateness, I have not filled in the
date of priority in Paragraph 6. Will you compute the proper
date and fill it in.

Very truly yours,

BENOIT & BENOIT


Edward L. Benoit

ELB:jdm

Enclosures

28273

NOV 20 1964

Department of Recreation

NOTICE TO ACCOMPANY THIS LETTER MUST BE MADE IN DUPLICATE

(Date) November 19, 1964

(P. O.) Rogerson, Idaho

TO THE STATE RECLAMATION ENGINEER

Boise, Idaho

Dear Sir:

You are hereby authorized to have the attached notice published
at my expense in the Times-News of
 published in the
county in which the works are situated.

Ralph. Schull

(In case of canals or other works designed to divert and carry more than 50 cubic feet of water per second, the following certificate must be signed by a well known and competent engineer.)

I hereby certify that the facts set forth in the attached notice are true.

Engineer

28273

NOTICE OF PROOF OF COMPLETION OF WORKS
and
APPLICATION OF WATER TO BENEFICIAL USE

RECEIVED
NOV 23 1964

State Reclamation

NOTICE is hereby given that at 2:00 P. M., on the 6th day of January
1965, at Twin Falls, County of Twin Falls, State of Idaho, before
Edward L. Benoit, Notary Public, at (address) Room 3, Bank & Trust

Building, proof will be submitted of the completion of works for the diversion of
0.4 inches cfs
~~3 miners cubic feet per second~~ of the waters of a spring

_____, and of the application to beneficial use of said water, in accordance with
the terms and conditions of Permit No. 28273, heretofore issued by the Department of
Reclamation of the State of Idaho.

1. The name and postoffice address of the person or corporation holding said permit
is: Ralph Schnell, Rogerson, Idaho

2. Said works of diversion will be fully completed on the date set for such completion
and the amount of water which said works are capable of conveying to the place of use is
0.4 miners inches
~~3 miners cubic feet per second~~

3. The use to which said water has been applied is Livestock watering
_____ purposes, and the amount applied to beneficial use is 0.4 miners inches
~~3 miners cubic feet per second~~

4. The point of diversion of said water is a spring in the SW corner of
NE 1/4, Section 1, Township 15 South, Range 15, EBM, Twin Falls County, Idaho

5. The place where said water is used is Sec. 1, T. 14 S. Range 15 EBM

Sec. 19, T. 14 S. Range 16 EBM

Sec. 30, T. 14 S. Range 16 EBM

XXXX

XXXX

6. The date of priority which said user is prepared to establish is JAN 5, 1960

CARL E. TAPPAN

State Reclamation Engineer

28273

Re: Permit No. 28273
Ralph Schnell

Date: Nov. 20, 1964

Times-News,
Twin Falls, Idaho

Gentlemen:

Enclosed you will find Notice for Publication, once a week for four consecutive weeks prior to January 6, 1965 the date set for proof; the expense of the publication is to be paid by the applicant 's attorney, Benoit & Benoit of Box 366, Twin Falls, Idaho to whom you should furnish proof of publication on or prior to the date set for proof.

Please acknowledge receipt of this notice and furnish this office with a copy or tear sheet of the first publication. **

Very truly yours,

Carl E. Tappan
CARL E. TAPPAN
State Reclamation Engineer

** If the first copy is not received in this office for checking purposes and errors appear in subsequent issues, it is possible that re-publication of corrected copy will be at your own expense

28273

Re: Permit No. 28273
Ralph Schnell

November 20, 1964

Mr. Edward L. Benoit,
Attorney at Law,
Box 366,
Twin Falls, Idaho.

Dear Mr. Benoit:

This acknowledges the Notice of Proof of Completion of Works and Application of Water to Beneficial Use under Permit No. 28273, in the name of Ralph Schnell. Final Proof is to be made before you, as Notary on the 6th day of January, 19 65, at 2:00 o'clock P.M., at Room 3, Bank and Trust Bldg., Twin Falls, Idaho.

As of this date, we have mailed the Notice to the Times-News Twin Falls, Idaho with instructions to publish it once a week for 3 consecutive weeks prior to the date set for final proof and then mail the Affidavit of Publication and statement of costs to you.

It is important that the enclosed depositions be executed by the permit holder and two disinterested witnesses who are familiar with the terms of the permit and the work done hereunder, at the time, on the date and before you, as Notary, as stated in the publication notice. It is very important and necessary that each question be answered in detail.

In returning the depositions to this office, be sure that all copies have been signed, that your Notary's seal has been placed on each and that all depositions, (holder and two witnesses) are being returned. Also be sure to enclose the AFFIDAVIT OF PUBLICATION.

Very truly yours,

CARL E. TAPPAN
State Reclamation Engineer
By

(MRS.) EDNA P. RULE
Chief Clerk

Encl.
ELR:pmk
cc: Applicant

28273

STATE OF IDAHO
DEPARTMENT OF RECLAMATION

Re: Permit No. 28273
Ralph Schnell

Date:
Oct. 1, 1964

Benoit & Benoit
P. O. Box 536
Twin Falls, Idaho

Dear Sirs:

Under the terms of your Permit No. 28273 you are required to make proofs of completion of works and application of water to beneficial use on or before **Nov. 20, 1964**

Before this proof can be made, the statutory requirement is that a notice of your intention of proof be published once a week for four consecutive weeks in a newspaper in the county.

We enclose Form 36-A in duplicate, which is to be filled in and returned to this department at least forty (40) days before the above mentioned date and/or before the time you intend to make proof (this may be at any place that is convenient for you and your two witnesses), the quantity of water, for what purpose it is used, the point or points of diversion and the location of use, or lands which are irrigated - - by legal description. Descriptions should be taken from your Permit, including any amendments thereto, as recorded in this department. If changes have been made and no amendments are on record, we advise that you request a form for this purpose before your notice is published, or you may have to readvertise and complete another set of proof forms.

Also enclosed is Form 11, which is the authorization for us to have the notice published in the designated county newspaper, at your expense. This is to be returned with Forms 36-A

At the time we send the notice to the newspaper we will send you the forms for the depositions of holder and two disinterested witnesses. It is important that the depositions be executed at the time, on the date set, and at the place named, before the Notary Public as advertised in the publication notice.

The amount of water allowed in a license cannot be more than is actually produced and measured and put to beneficial use, and cannot be more than the statutory amount allowable per acre of land actually found by the field inspection to have been irrigated at the time of proof.

Very truly yours,

Carl E. Tappan
CARL E. TAPPAN
State Reclamation Engineer

Enc. Forms 36A and 11
cc: Ralph Schnell
Rogerson, Idaho

28273

Published: Nov. 20, Dec. 3, 10, 17, 1964.

NOTICE OF PROOF OF COMPLETION OF WORKS and APPLICATION OF WATER TO BENEFICIAL USE

NOTICE is hereby given that at 2:00 P.M., on the 8th day of January 1966, at Twin Falls County of Twin Falls, State of Idaho, before Edward L. Benoit, Notary Public, at Room 3, Bank & Trust Building, proof will be submitted of the completion of works for the diversion of 0.4 cfs of the waters of a spring, and of the application to beneficial use of said water, in accordance with the terms and conditions of Permit No. 28273, heretofore issued by the Department of Reclamation of the State of Idaho.

1. The name and postoffice address of the person or corporation holding said permit is: Ralph Schnell, Rogerson, Idaho.

2. Said works of diversion will be fully completed on the date set for such completion and the amount of water which said works are capable of conveying to the place of use is 0.4 c.f.s.

3. The use to which said water has been applied is Livestock watering purposes, and the amount applied to beneficial use is 0.4 c.f.s.

4. The point of diversion of said water is a spring in the SW corner of NE $\frac{1}{4}$ NE $\frac{1}{4}$, Section 1, Township 16 South, Range 16, EBM, Twin Falls County, Idaho.

5. The place where said water is used is Sec. 1, T. 16 S., Range 16 EBM Sec. 19, T. 14 S., Range 16 EBM Sec. 30, T. 14 S., Range 16 EBM.

6. The date of priority which said user is prepared to establish is Jan. 5, 1960.

CARL E. TAPPAN

State Reclamation Engineer

Published: Nov. 26, Dec. 3, 10, 17, 1964.

28273

December 3, 1959

Re: Permit No. 28273
Ralph Schnell

Benoit & Benoit,
Attorneys at Law,
Box 536,
Twin Falls, Idaho.

Attention: Edward L. Benoit

Gentlemen:

We enclose Permit No. 28273 in which we direct your attention to the limitations and conditions as given on the fourth page under Approval of the State Reclamation Engineer.

We also enclose Departmental Receipt No. 29874 which was issued covering payment in the amount of \$5.00 for the filing fee of the above mentioned permit.

Very truly yours,

GEO. N. CARTER
State Reclamation Engineer
By

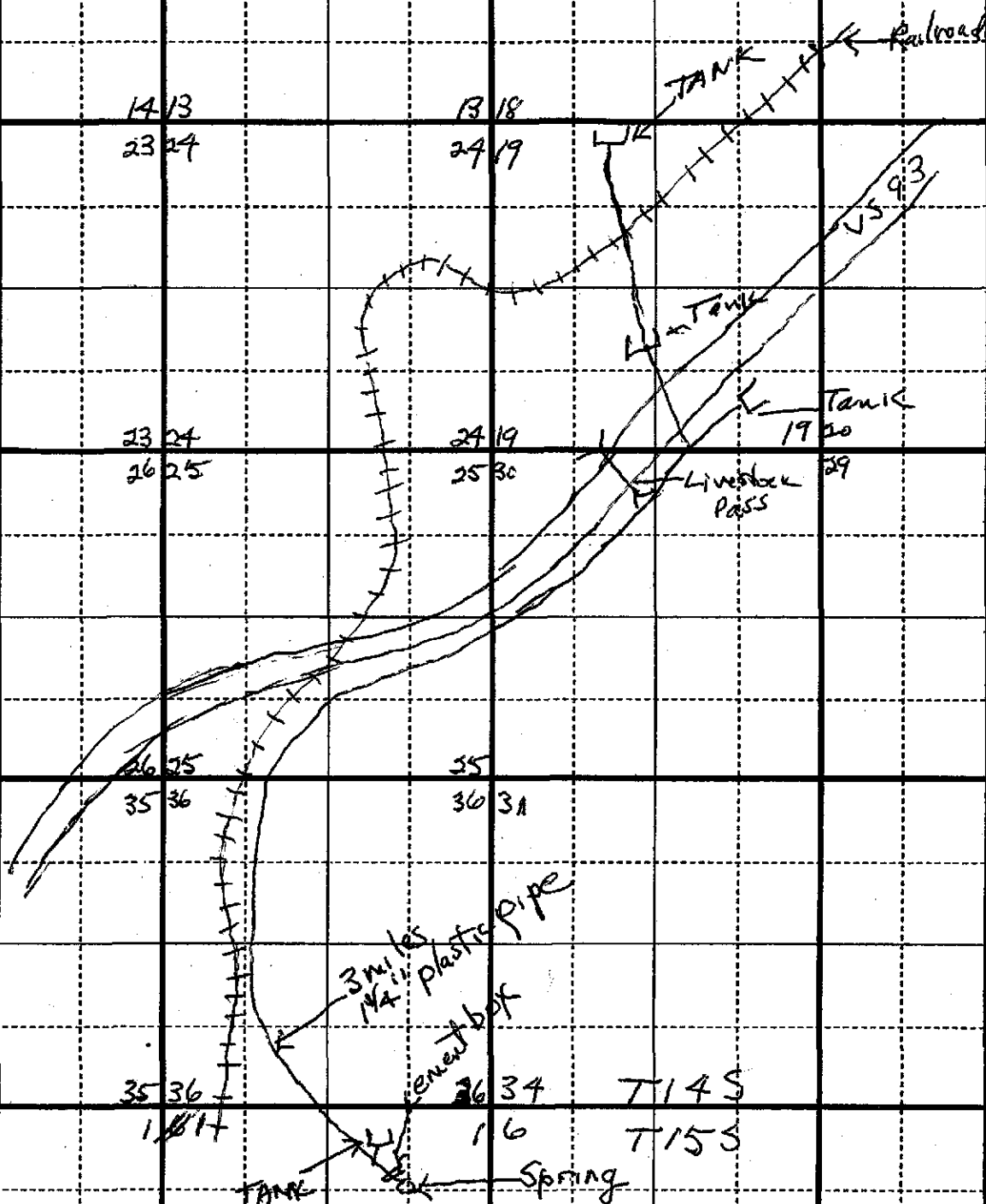
(Mrs.) Edna P. Rutledge
Chief Clerk

Encl.
EPR:pmk
cc: Ralph Schnell
Rogerson, Idaho

28273

RAOPH SCHNELL

R	R
15	16
E	E



Permit Map No. 28273

As Approved

GEORGE N. CARTER

~~State Reclamation Engineer~~

NOV 20 1959

SCALE: 2 Inches Equal 1 Mile. Draw Plan in Ink.

28273

LAW OFFICES
BENOIT & BENOIT
TWIN FALLS BANK & TRUST BLDG.
TWIN FALLS, IDAHO

HARRY BENOIT
EDWARD L. BENOIT

OK Benoit 5-2

RECEIVED
NOV 19 1959
Department of Reclamation

November 17, 1959

State of Idaho
Department of Reclamation
Boise, Idaho

Gentlemen:

Enclosed is application of Ralph Schnell of Rogerson,
Idaho for 0.04 cu. feet per second for livestock water-
ing.

Also enclosed is our check for \$5.00.

Very truly yours,

BENOIT & BENOIT

Edward L. Benoit
Edward L. Benoit

ELB:dr
Enclosures

November 10, 1959

RE: Application for Permit
Ralph Schnell

Benoit & Benoit
Box 536
Twin Falls, Idaho

Attention: Edward L. Benoit

Dear Mr. Benoit:

Enclosed is the application for permit to appropriate 50 cubic feet per second of water from a spring for stock water.

We have no way to determine how much water the 1 $\frac{1}{4}$ " plastic pipe will carry but it is doubtful if it could conduct over two miner's inches of water or 0.04 cubic feet per second. That would be sufficient water for over 2,000 head of stock.

The amount of water claimed should be reduced to a reasonable amount.

The point of use of the water should be shown under remarks on page 3 by completing the sentence "Water will be used by stock grazing on , giving the land description of the grazing area.

The fee for the application for permit is the same as for other uses, \$5.00 for the first cubic foot per second or fraction thereof, plus \$.25 for each additional cubic foot per second.

Kindly change the amount of water claimed, show the land area, enclose the filing fee and return to this office.

Very truly yours,

GEO. N. CARTER
State Reclamation Engineer
By

Ralph Thomas
Office Engineer

RT:mr
enc. application

28273

LAW OFFICES
BENOIT & BENOIT
TWIN FALLS BANK & TRUST BLDG.
TWIN FALLS, IDAHO

HARRY BENOIT
EDWARD L. BENOIT

RECEIVED
NOV 9 1959
Department of Reclamation

November 6, 1959

State Reclamation Engineer
State House
Boise, Idaho

Dear Sir:

Enclosed is Application of Ralph Schnell to appropriate waters for purpose of livestock watering. For your information, the spring concerned is located on federal lands, but is within the fence boundary of land owned by Mr. Schnell or land upon which he has received Taylor Grazing Rights.

You will note that page 2 of the Application has not been filled in since it was thought it was not applicable in cases such as this.

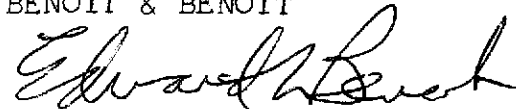
Also, we did not know how to base a filing fee and if you would advise the amount required, we shall promptly send you a check.

This is the first application of this nature we have prepared and it may be that it could be in error in some respects. If so, would you please return and advise us how to correct the same.

Thank you very much.

Very truly yours,

BENOIT & BENOIT



Edward L. Benoit

ELB:dr
Enclosures



... Where You Need It *Trickle Goes a Long Way*

By CLARENCE F. HEDRICK

RALPH SCHNELL, Rogerson, Idaho, rancher and supervisor of the Twin Falls Soil Conservation District, developed 2,640 acres of range land with one-half inch of water. This trickle is worth many thousands of dollars to his ranching operation.

One-half inch of water doesn't sound like much. Water flowing from a pipe at the rate of one-half inch produces 4½ gallons per minute.

With this water Schnell has helped expand the grazing area for his 350 Hereford cows. Before he tied into the spring, livestock could be grazed only in late fall or winter over a small area when water was available.

Now the water from this spring, appropriately named Schnell's Spring, flows through one-inch plastic pipeline over 3½ miles and fills eight 750-gallon stock water tanks.

Schnell tried to bury the plastic pipe 24 to 30 inches deep, but because of rock outcrops, it was impossible to reach this depth at all times.

Methods. Three methods of installing were used. One was to dig the trench with motor patrol, cover four inches by hand, then use the patrol to complete the job.

A ripper was used next to rip the trench while the plastic pipe was fed into the bottom of it through a four-inch

piece of metal pipe dragging at the bottom of the trench.

Another way used was digging and covering the trench by hand. This method worked best on rough terrain where heavy equipment could not operate.

Schnell says the most satisfactory method was the combination of the motor patrol and laying pipe by hand. Enough pipe could be installed to allow for contraction so plastic joints would not be broken.

Outlets were placed at various units and stock water tanks installed at these points.

Valves. Float valves control the flow of water at each tank. When tanks are filled the water is shut off and continues into the next tank.

To do the job, Schnell purchased around 19,000 ft. of plastic pipe. Labor cost about \$900. Total cost of this project, including tanks, was \$4,140.

Schnell can now use all forage in every unit. The project saves time and labor too as he won't have to haul water at a cost of close to 10c per head per day.

Six thousand four hundred feet of 100 lb. pressure pipe was used to take care of the pressure created by the fall from the spring to 327 ft. into the first ravine and back to the top of the first hillcrest. From that point 75 lb. pressure pipe was installed for the next 2½ miles.

From all appearances the project is paying off well.



Top left: Cattle now have plentiful water where it's needed.

Top right: Ralph Schnell laying plastic pipe in trench made by motor patrol.

Lower right: Pipe being covered by rock-free soil to 4 inch depth, before job was finished by motor patrol.

Lower left: Ripper was used to make trench and lay plastic pipe at the same time.

