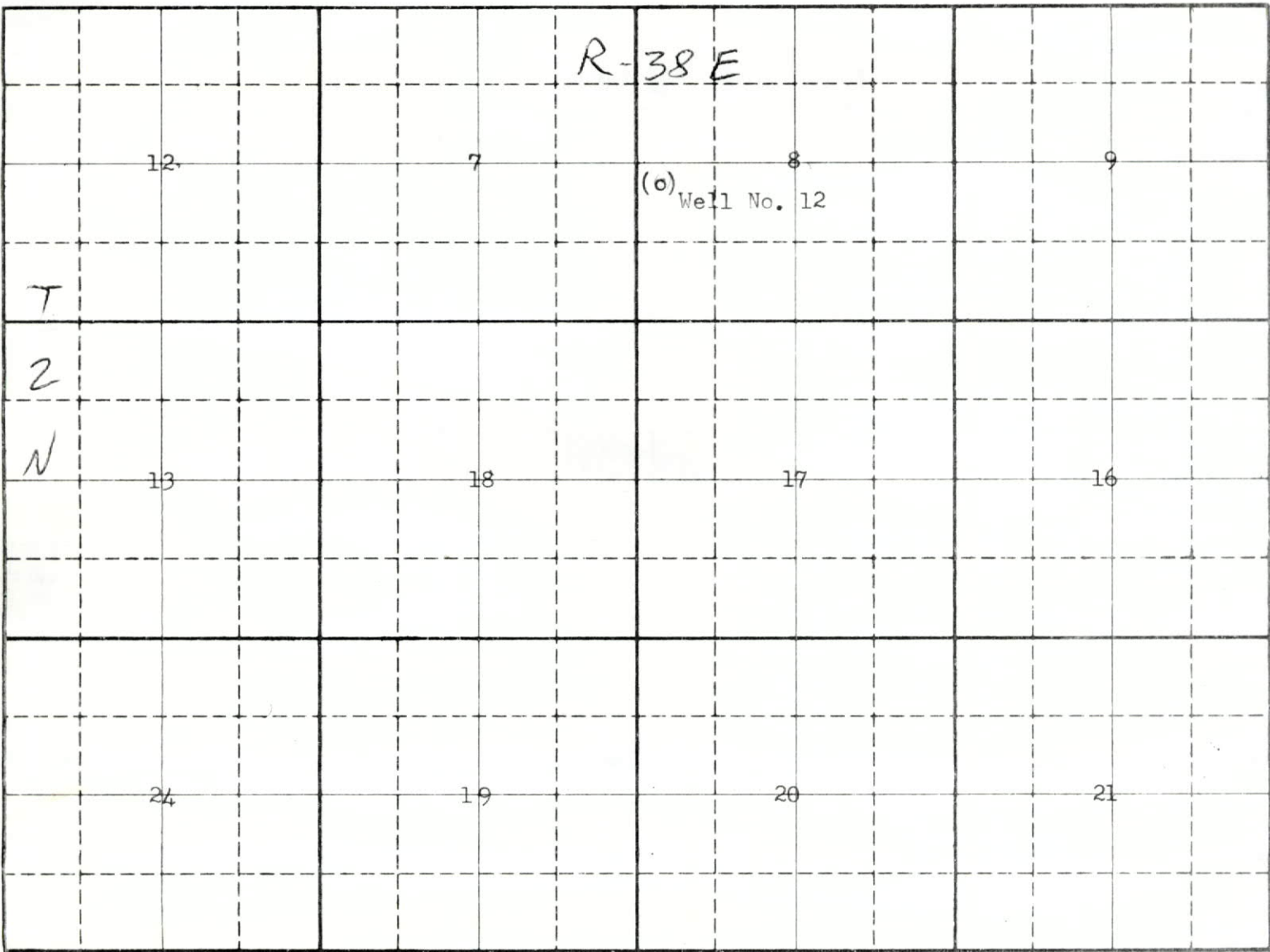


Complete the following map by showing land and point of diversion as proposed by this amendment. Show 40 acre subdivisions, sections, townships, ranges, and ditches.



Scale: 2 inches equal 1 mile

That no one will be injured by such change, and that such change will be made at permit holder's own risk.

Signed at Idaho Falls, Idaho, this 22nd day of May, 19 72.

Stella Pedersen
(signature)

Mayor - City of Idaho Falls, Idaho

ACTION OF STATE RECLAMATION ENGINEER

I, R. KEITH HIGGINSON, Director, Dept. of Water Admin., State Reclamation Engineer of the State of Idaho,

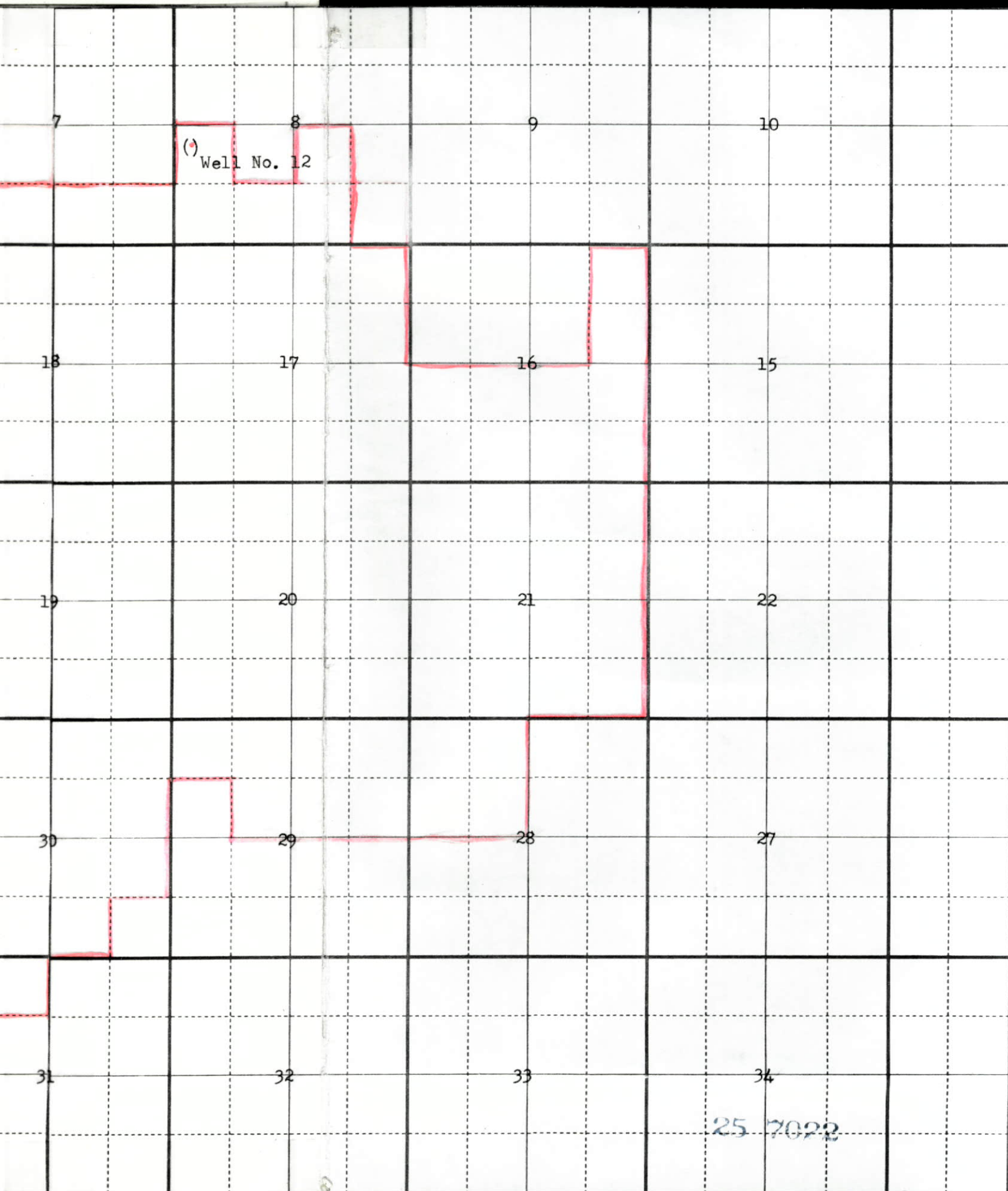
hereby approve the above application for amendment for Permit No. 35-7207.

Witness my hand this 30 day of May, 19 72.

R. Keith Higgins
Director State Reclamation Engineer

IDAHO DEPARTMENT OF WATER ADMINISTRATION
EASTERN DISTRICT OFFICE
200 S. HOLMES
IDAHO FALLS, IDAHO 83401

of use, section number, township



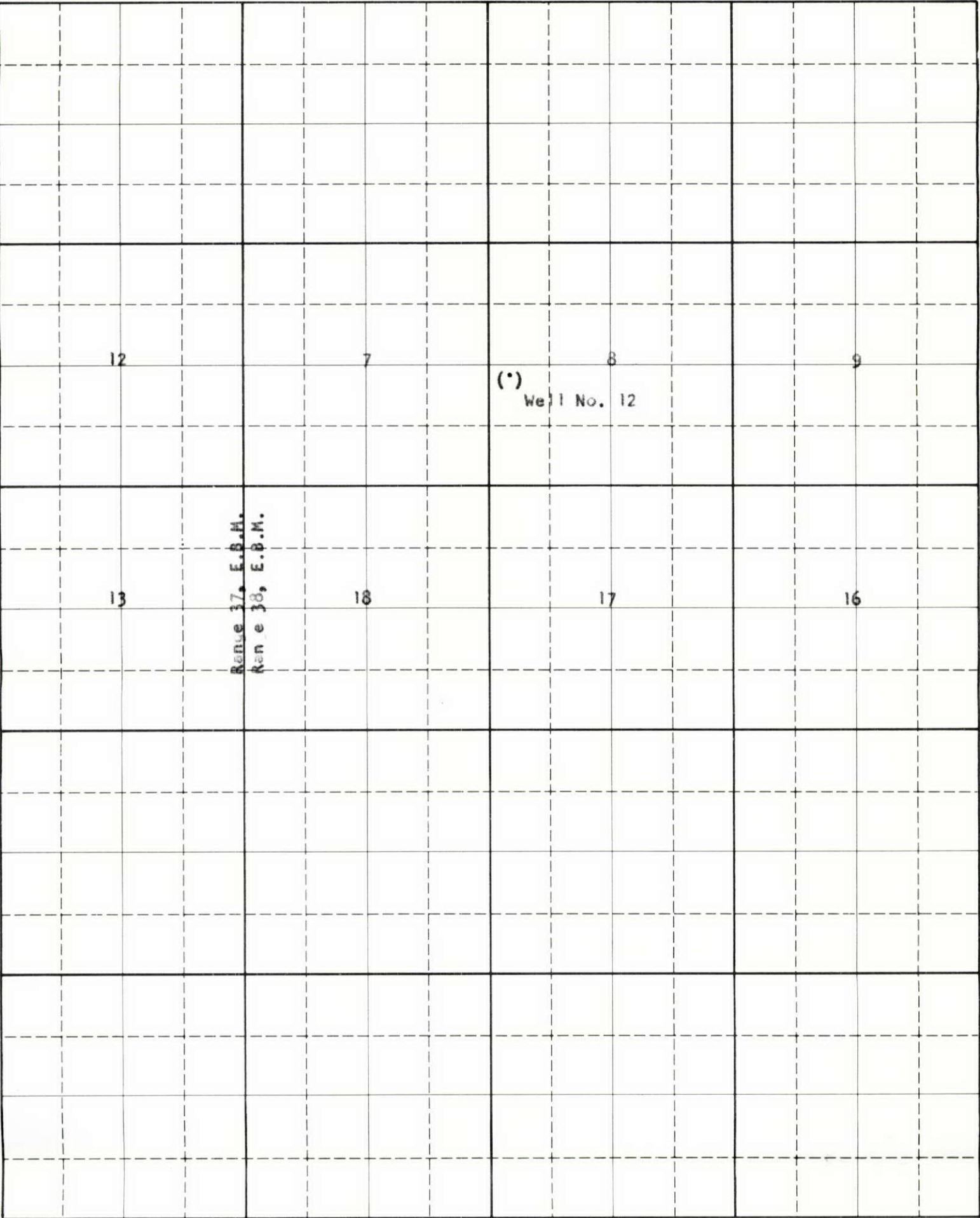
to appropriate the public

0 FALLS

[Signature]
Mayor

25 7022

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



Scale: 2 inches equal 1 mile

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

CITY OF IDAHO FALLS

By: *Edna Pedersen*

(Applicant) Mayor

RECEIVED

MAR 10 1972

Proof of Publication

The Post-Register

Department of Water Administration
Eastern District Office

State of Idaho,
County of Bonneville } ss.

I, E. F. McDermott, first being duly sworn, depose and say: That I am the Principal Clerk of The Post Company, a corporation of Idaho Falls, Bonneville County, Idaho, publishers of The Post-Register, a newspaper of general circulation, published daily, except Saturday, at Idaho Falls, Idaho; said Post-Register being a consolidation of the Idaho Falls Times, established in the year 1890, The Idaho Register, established in the year 1880 and the Idaho Falls Post, established in 1903, such consolidation being made on the 1st day of November, 1931, and each of said newspapers having been published continuously and uninterruptedly, prior to consolidation, for more than seventy-eighty (78) weeks and said Post-Register having been published continuously and uninterruptedly from the date of such consolidation, up to and including the last publication of notice hereinafter referred to.

That the notice, of which a copy is hereto attached and made a part of this affidavit, was published in said Post-Register for two consecutive weeks, first publication having been made on the 10th day of February, 1972, last publication having been made on the 17th day of February, 1972, and that the said notice was published in the regular and entire issue of said paper on the respective dates of publication, and that such notice was published in the newspaper and not in a supplement.

Subscribed and sworn to before me, this 21st day of February, 1972

Karl S. Dale
Notary Public

My commission expires April 5, 1975

B10, 1M

**NOTICE OF APPLICATION
FOR WATER PLANT**

Notice is hereby given that the City of Idaho Falls, Box 220, Idaho Falls, Idaho has on 1-18-71 submitted Application No. 35-7207 for a permit to appropriate 7.35 cubic feet per second of water from a ground-water source by means of well and pump within the NW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 8, T. 2N, R. 37E, B.M., Bonneville County; to be used from Jan. 1 to Dec. 31 for municipal purposes within the boundaries of the Idaho Falls city water system.

If issued, this permit will be subject to all prior water rights. Protests against the granting of this permit must be filed with the Idaho Department of Water Administration, 240 South Holmes, Idaho Falls, Idaho, 83401, on or before February 28, 1972.

s/R. KEITH HIGGINSON
Director

Published in the Post Register, Idaho Falls, Idaho on Feb. 10 and 17, 1972.

25 7022

Point of Diversion.

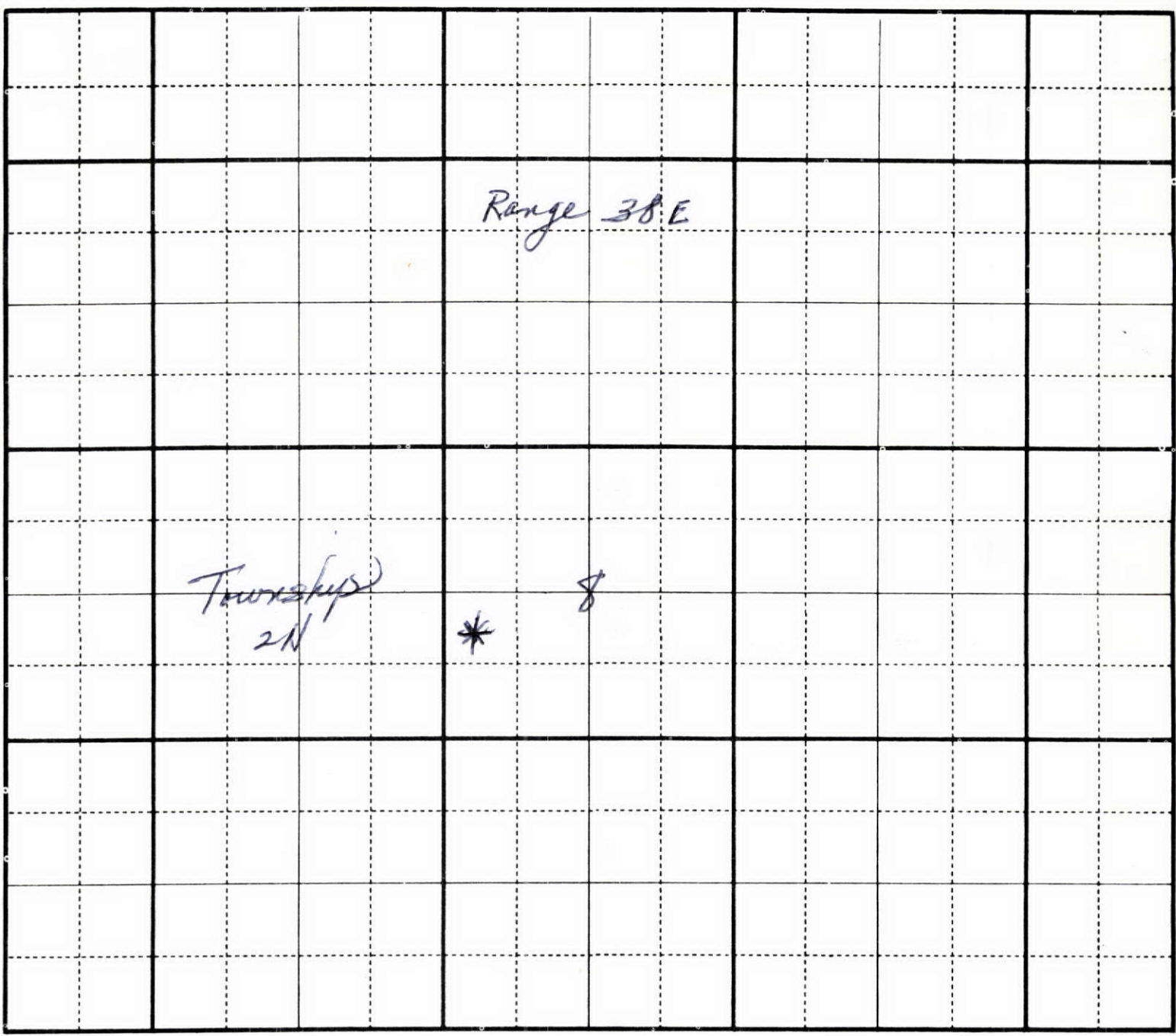
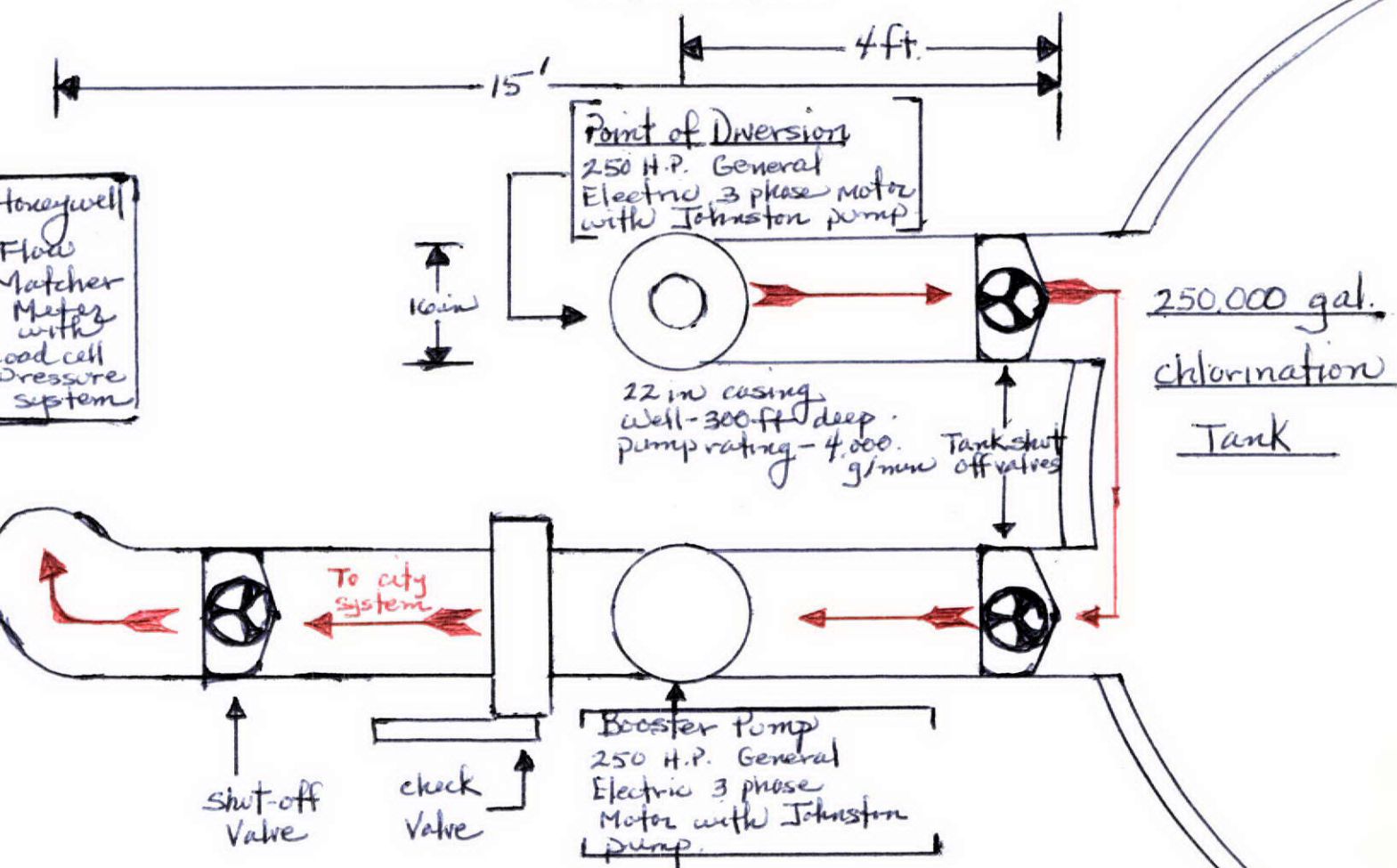


Diagram of System



K. 3/2/77

CHAPTER II WATER USE

PRESENT USE

Total water use for 1968 is shown on Figure 1. Water use for 1969 to date has been similar, with a peak day use of 39.2 million gallons on 21 July.

Use rates during the peak hours of the highest use days were restricted to the capacity of the present pumps, a rate of about 54 mgd (million gallons per day). Had unlimited pumping capacity been available, a peak hour rate of up to 65 mgd would probably have been recorded. The ratio of peak day to peak hour use is unusually low, indicating high night use which has apparently been a major factor in preventing widespread, low pressure problems due to demand exceeding supply, but the situation is becoming critical and no reserve is available in case of mechanical problems with a well.

In the 1960 water study, it was predicted that 1969 peak day use would be 30 mgd based on a population estimate of 39,500. The actual peak day was 39.2 mgd for a population of 38,000. The average per capita consumption has increased by about 3 percent per year, compared to an estimate of 1 percent per year (the national average). Industrial use during the summer is relatively light (0.75 mgd for July 1968 combined use for 16 of the major industrial users), so the increase appears to be in residential use, increased use for park and school yard sprinkling, and increased air conditioning use.

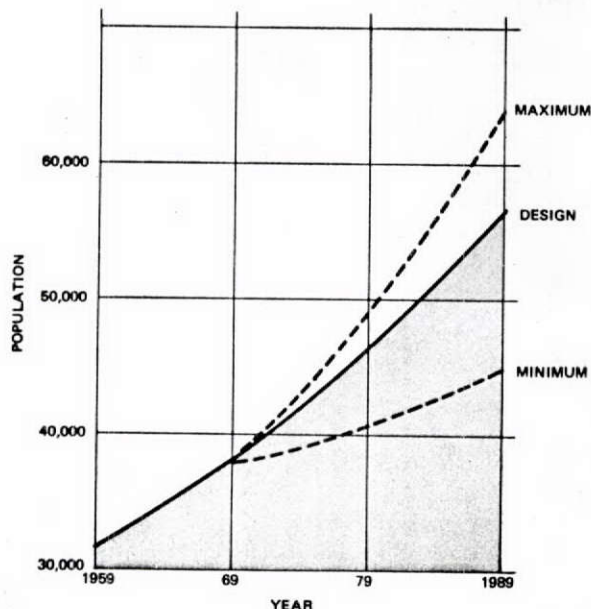


FIGURE 2

POPULATION PROJECTION

PROJECTIONS

New water use projections were made in the course of this study to take into account drastic changes in per capita consumption, and recent population projections. These projections are shown on Figure 2. The probable range of rate of growth is expected to be between 1.0 and 2.5 percent per year, reaching 45,000 to 64,000 by 1989. The most probable growth rate is expected to be about 2 percent per year, reaching 56,400 by 1989.

Water use projections are shown on Figure 3. These projections are on the basis of a 2-1/2 percent per year increase in per capita consumption for various population growth rates as noted above.

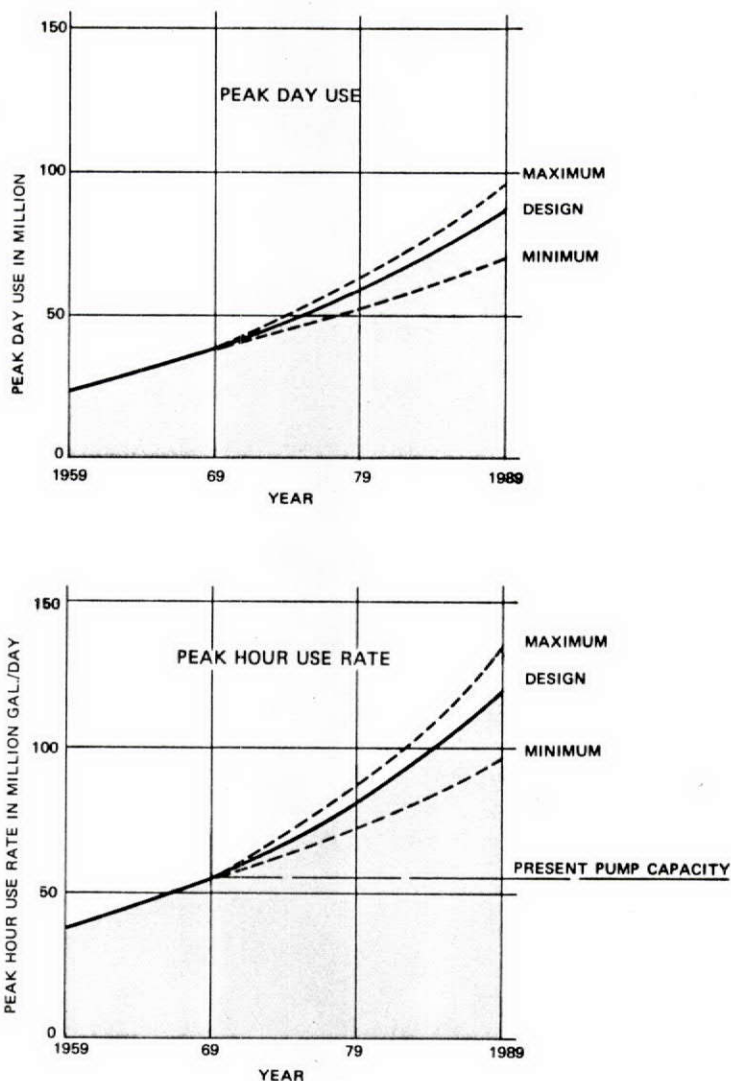


FIGURE 3

WATER USE PROJECTIONS FOR UNMETERED SYSTEM

These projections indicate that if the system remains unmetered, the City should plan to increase well capacity from 54 mgd at present to 120 mgd by 1989. Because of budgetary problems, it is anticipated that the increased supply will have to be added incrementally at an average rate of about 3.3 mgd (2,300 gpm) per year.

If individual customer meters were installed, peak use rates could be expected to be reduced by at least 20 percent and average use rates by about 35 percent. Table 1 shows system design factors for the period 1969 to 1989, based on the foregoing.

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

License of Water Right No. 25-7022 Priority January 18, 1972 Amount 7.35 cfs

THIS IS TO CERTIFY, that CITY OF IDAHO FALLS
of Idaho Falls, Idaho, has complied with the terms and conditions of Permit
No. 25-7022 issued pursuant to Application for Permit dated January 18, 1972,
and has submitted proof to the Department of Water Resources on February 4, 1977,
that he has applied water to a beneficial use; an examination by the Department indicates that the works have a
capacity for the diversion of 8.91 cfs of water from a groundwater source,
tributary to _____, and that the permit holder has applied to a beneficial use and
established a right to use water as follows:

Beneficial Use	Period of Use	Rate of Diversion	Annual Volume
Municipal	from <u>January 1</u> to <u>December 31</u>	at <u>7.35</u> cfs and	<u>4,609</u> acre feet
	from _____ to _____	at _____ cfs and	
	from _____ to _____	at _____ cfs and	

(both dates inclusive)

Subject, however, to the condition that no more than 7.35 cfs of water be diverted at any one time, and
that the amount of water so diverted and to which such right is entitled and confirmed is for the purpose
aforementioned and is limited to the amount which can actually be beneficially used and shall not exceed
4,609 acre feet per year, said waters to be diverted within the NW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 8,
Twp. 2N, Rge. 38E, B.M. in the County of Bonneville

Description and location of place of use:

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 $\frac{1}{4}$	

Total number of acres irrigated _____

CONDITION: A measuring device of a type approved by the Department shall be
maintained as a part of the diversion works.

NOTE: Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho
Code, or the applicable Idaho Law. This right may be forfeited by five years of non-use.

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

Witness the seal and signature of the Director, affixed at Boise, Idaho, this 23 day of
March, 19 78.


Director

MICROFILMED

Department of Water Administration

25-7022

Permit No. ~~35-7207~~

Comes now City of Idaho Falls of (address) _____

Total number of acres to be irrigated

25 7075

A 4x4 grid map showing a well location. The grid is labeled with "T 2 N" on the left and "R-38 E" at the top. Well No. 12 is marked with a circled "o" in the second row, third column. Other numbers 12, 7, 8, 9, 13, 18, 17, 16, 24, 19, 20, 21 are placed at various grid intersections.

That no one will be injured by such change, and that such change will be made at permit holder's own risk.

Stacy Rehman
(signature)

ACTION OF STATE RECLAMATION ENGINEER

I, R. KEITH HIGGINSON, Director, ^{Dept. of Water Admin.}
~~State Reclamation Engineer~~ of the State of Idaho,

hereby approve the above application for amendment for Permit No. 35-7207.

Director State Reclamation Engineer

IDAHO DEPARTMENT OF WATER ADMINISTRATION
EASTERN DISTRICT OFFICE
240 S. HOLMES
IDAHO FALLS, IDAHO 83401

IDAHO DEPARTMENT OF WATER ADMINISTRATION
DISTRICT OFFICE
200 S. HOLMES
IDAHO FALLS, IDAHO 83401

Identification No. 35-7207

Application No. 25-7022

STATE OF IDAHO
DEPARTMENT OF WATER ADMINISTRATION

APPLICATION FOR PERMIT

APPROVED

To Appropriate the Public Waters of the State of Idaho

(TYPE OR PRINT IN INK)

1. Name of applicant City of Idaho Falls
post office address Box 220, Idaho Falls, Idaho 83401
2. Source of water supply Subterranean which is a tributary of _____
3. a. Location of point of diversion is NW $\frac{1}{4}$ of SW $\frac{1}{4}$ of Section 8 Township 2 North
Range 37 E. B.M. Bonneville County; additional points of diversion if any: _____

b. If water is not consumed, it will be discharged into Snake River at a point in SW $\frac{1}{4}$
of NE $\frac{1}{4}$ of Section 35 Township 2 North Range 37 E. B.M. Bonneville County.
4. Water will be used for the following purposes:
Municipal (domestic, culinary, and industrial)
Amount 7.35 cfs for _____ purpose from Jan 1 to Dec 31 (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purpose from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum) NCY 2/3/72
Amount _____ for _____ purpose from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated:
a. 7.35 cubic feet per second and/or
b. _____ acre feet per annum.
6. Proposed diverting works:
a. Description of ditches, flumes, pumps, headgates, etc. Underground system of cast iron
waterlines which becomes a part of the entire distribution system of the City.

b. Height of storage dam NA feet, active reservoir capacity _____ acre feet; total reservoir
capacity _____ acre feet, materials used in storage dam: _____
Period of year during which storage will occur _____ to _____ inclusive.
(Mo. Day) (Mo. Day)
c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet.
7. a. Time required for the completion of the works and application of the water to the proposed beneficial use
is 5 1/2 years. NCY 2/3/72
b. Estimated construction cost is \$ 321,000.00 (well, bldg. & appurtenances)
8. Description of proposed uses:
a. If water is **not** for irrigation: See Map
(1) Give the place of use of water: _____ $\frac{1}{4}$ of _____ $\frac{1}{4}$ of Section _____ Township _____
Range _____ B.M.
(2) Amount of power to be generated: _____ hp under _____ feet of head.
(3) List number of each kind of livestock to be watered _____

(4) Name of municipality to be served City of Idaho Falls, Idaho, 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: NA

TWP.	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	

Total number of acres to be irrigated _____

c. Describe any other water rights used for the same purposes as described above. (see remarks below)

9. a. Who owns the property at the point of diversion City of Idaho Falls, Idaho

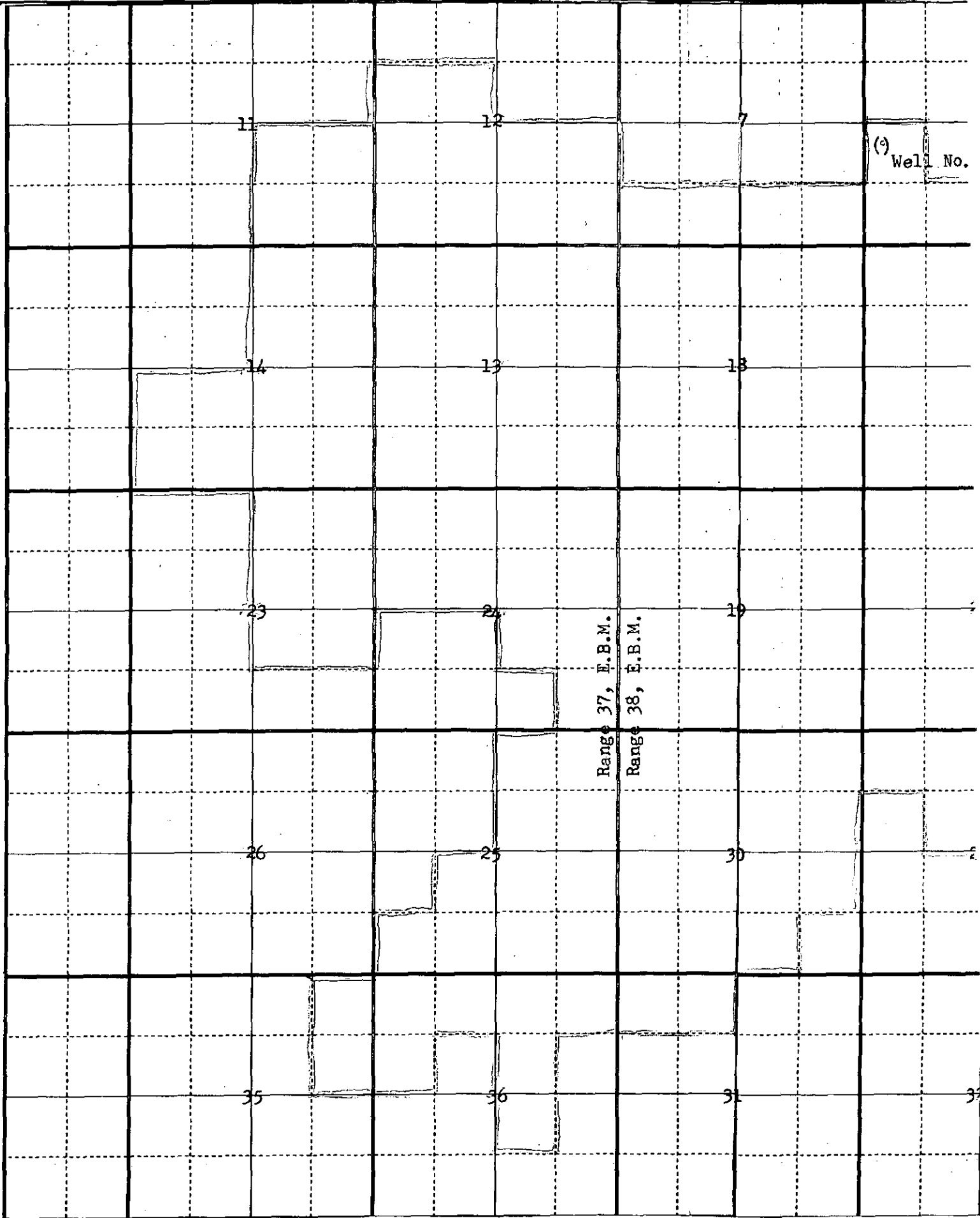
b. Who owns the land to be irrigated or place of use NA

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing This application is for the operation of the City of Idaho Falls Well No. 12 which will be completed and on the line within three years. Other existing permits and licenses:

10. Remarks This application is for the operation of the City of Idaho Falls Well No. 12 which will be completed and on the line within three years. Other existing permits and licenses:include:

License #16689	5.2 cfs	2/25/27
License #3304		12/3/07 (Snake River - Power)
License #16799		10/28/27 (Snake River - Power)
License #445		12/29/09 (Snake River - Power)
Decree (Rexburg)	140.0 cfs	4/20/1900 (Snake River - Power)
Decree (Rexburg)	48.0 cfs	10/22/04 (Snake River - Power)
License #35-7001	8.9 cfs	4/3/70
License #G-31587/25-2143	17.1 cfs	11/22/63
License #G-31141/25-2142	50.2 cfs	4/8/63

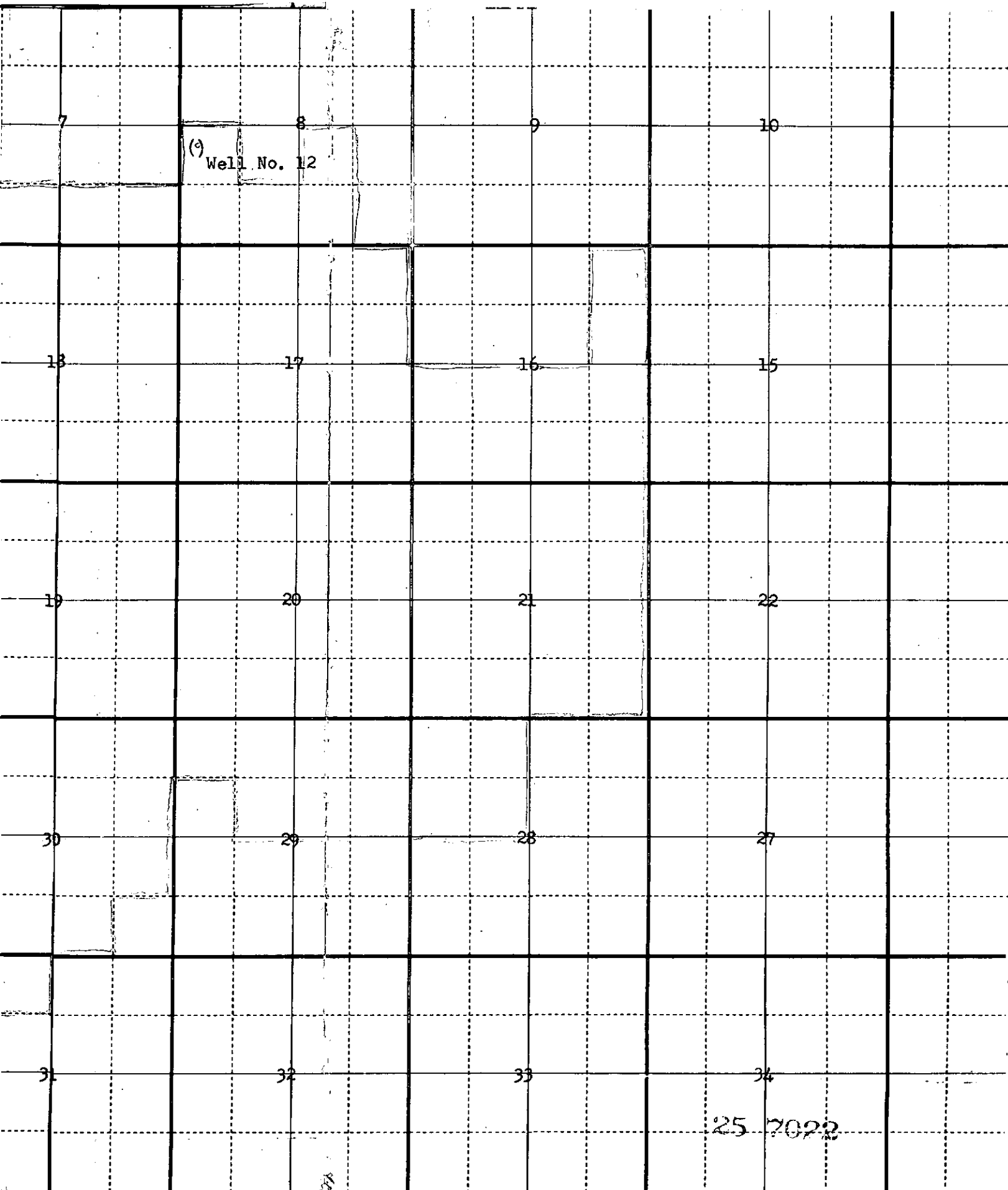
11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



Scale: 2 inches equal 1 mile

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

CITY OF IDAHO FALLS
By: Edna Pedersen
(Applicant) Mayor



to appropriate the public

10 FALLS

[Signature]
Mayor

25 7022

Received by JH Date 1-18-72 Time 8:00A
 Preliminary check by RE Fee \$ 95.00 # 8713
 Receipted by bj Date 1-19-72
 Publication prepared by bj Date 2-3-72
 Published in Post Register, Idaho Falls, ID
 Publication dates 2-10&17-72
 Publication approved CE Date 3-16-72
 Priority ~~reduced to~~ 1-18-72 Reason _____

 Protests filed by: _____

 Copies of protests forwarded by _____
 Hearing held by _____ Date _____
 Recommended for approval denial by RE BDF A

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER ADMINISTRATION

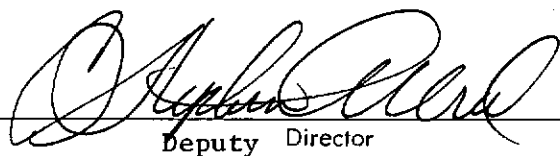
This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 35-7207, and said application is hereby APPROVED.

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 March 1, 1977.
- c. Other: A measuring device of a type approved by this Department shall be permanently installed and maintained as part of the diverting works.

2. Denial of said application is for the following reasons: _____

Witness my hand this 28TH day of March, 1972.


 Deputy Director

STATE OF IDAHO
DEPARTMENT OF WATER ADMINISTRATION

APPLICATION FOR PERMIT

To Appropriate the Public Waters of the State of Idaho
(TYPE OR PRINT IN INK)

1. Name of applicant City of Idaho Falls
post office address Box 220, Idaho Falls, Idaho 83401
2. Source of water supply Subterranean which is a tributary of _____
3. a. Location of point of diversion is NW $\frac{1}{4}$ of SW $\frac{1}{4}$ of Section 8 Township 2 North
Range 37 E. B.M. Bonneville County; additional points of diversion if any: _____

b. If water is not consumed, it will be discharged into Snake River at a point in SW $\frac{1}{4}$
of NE $\frac{1}{4}$ of Section 35 Township 2 North Range 37 E. B.M. Bonneville County.
4. Water will be used for the following purposes:
Municipal domestic, culinary, and industrial
Amount 7.35 cfs for _____ purpose from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purpose from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purpose from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated:
a. 7.35 cubic feet per second and/or
b. _____ acre feet per annum.
6. Proposed diverting works:
a. Description of ditches, flumes, pumps, headgates, etc. Underground system of cast iron
waterlines which becomes a part of the entire distribution system of the City.

b. Height of storage dam NA feet, active reservoir capacity _____ acre feet; total reservoir
capacity _____ acre feet, materials used in storage dam: _____
Period of year during which storage will occur _____ to _____ inclusive.
(Mo. Day) (Mo. Day)
c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet.
7. a. Time required for the completion of the works and application of the water to the proposed beneficial use
is 2 years.
b. Estimated construction cost is \$ 321,000.00 (well, bldg. & appurtenances)
8. Description of proposed uses:
a. If water is **not** for irrigation: NA
(1) Give the place of use of water: _____ $\frac{1}{4}$ of _____ $\frac{1}{4}$ of Section _____ Township _____
Range _____ B.M. _____
(2) Amount of power to be generated: _____ hp under _____ feet of head.
(3) List number of each kind of livestock to be watered _____

(4) Name of municipality to be served City of Idaho Falls, Idaho, 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: **NA**

TWP.	RANGE	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	

Total number of acres to be irrigated _____

c. Describe any other water rights used for the same purposes as described above. **(see remarks below)**

9. a. Who owns the property at the point of diversion **City of Idaho Falls, Idaho**

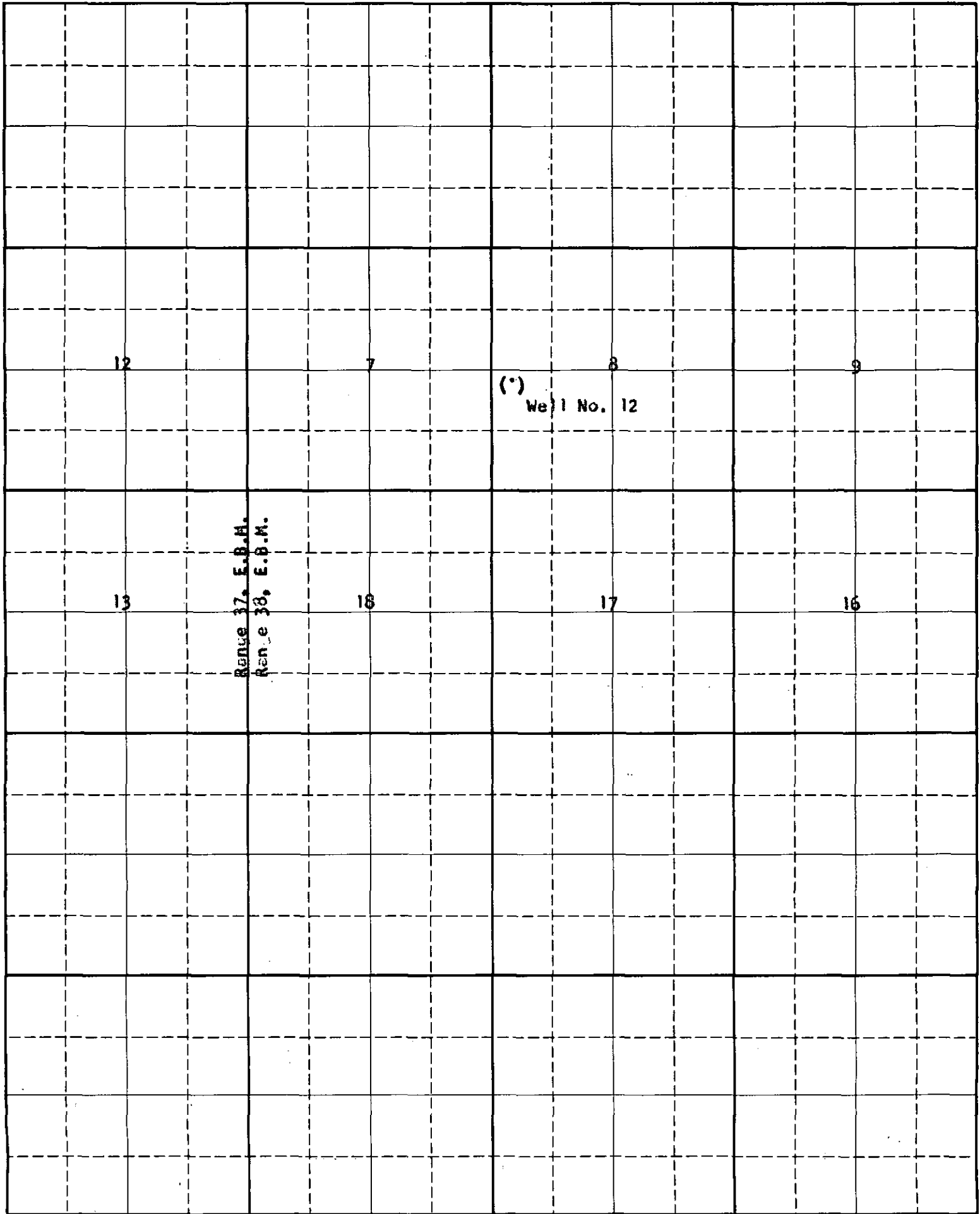
b. Who owns the land to be irrigated or place of use **NA**

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing **This application is for the operation of the City of Idaho Falls Well No. 12 which will be completed and on the line within three years. Other existing permits and licenses:**

10. Remarks **This application is for the operation of the City of Idaho Falls Well No. 12 which will be completed and on the line within three years. Other existing permits and licenses include:**

License #16689	5.2 cfs	2/25/27
License #3304		12/3/07 (Snake River - Power)
License #16799		10/28/27 (Snake River - Power)
License #445		12/29/09 (Snake River - Power)
Decree (Rexburg)	140.0 cfs	4/20/1900 (Snake River - Power)
Decree (Rexburg)	48.0 cfs	10/22/04 (Snake River - Power)
License #35-7001	8.9 cfs	4/3/70
License #G-31587/25-2143	17.1 cfs	6/9/70

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



Scale: 2 inches equal 1 mile

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

CITY OF IDAHO FALLS

By: *Edwin Edman*

(Applicant) Mayor

Duplicate

25 7022

Received by _____ Date _____ Time _____
Preliminary check by _____ Fee \$ _____
Receipted by _____ Date _____
Publication prepared by _____ Date _____
Published in _____
Publication dates _____
Publication approved _____ Date _____
Priority reduced to _____ Reason _____

Protests filed by: _____

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

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER ADMINISTRATION

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. _____, and said application is hereby _____.

1. Approval of said application is subject to the following limitations and conditions:

- a. SUBJECT TO ALL PRIOR WATER RIGHTS.
- b. Proof of construction of works and application of water to beneficial use shall be submitted on or before _____, 19____.
- c. Other: _____

2. Denial of said application is for the following reasons: _____

Witness my hand this _____ day of _____ 19____.

Director

1 R E C E I V E D

MAR 10 1972

Proof of Publication

The Post-Register

Department of Water Administration
Eastern District Office

State of Idaho, }
County of Bonneville } ss.

I, E. F. McDermott, first being duly sworn, depose and say: That I am the Principal Clerk of The Post Company, a corporation of Idaho Falls, Bonneville County, Idaho, publishers of The Post-Register, a newspaper of general circulation, published daily, except Saturday, at Idaho Falls, Idaho; said Post-Register being a consolidation of the Idaho Falls Times, established in the year 1890, The Idaho Register, established in the year 1880 and the Idaho Falls Post, established in 1903, such consolidation being made on the 1st day of November, 1931, and each of said newspapers having been published continuously and uninterruptedly, prior to consolidation, for more than seventy-eighty (78) weeks and said Post-Register having been published continuously and uninterruptedly from the date of such consolidation, up to and including the last publication of notice hereinafter referred to.

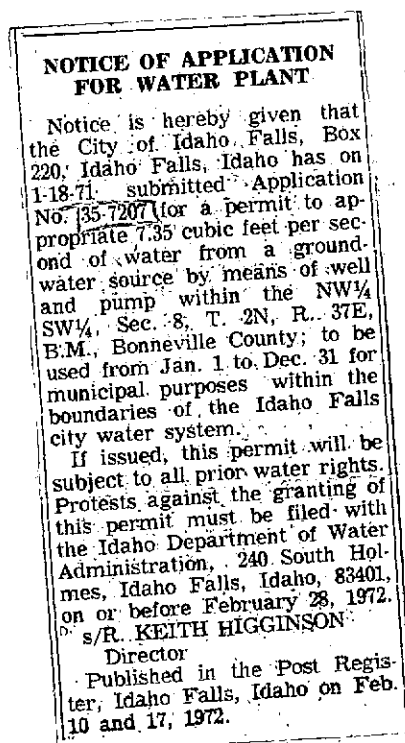
That the notice, of which a copy is hereto attached and made a part of this affidavit, was published in said Post-Register for two consecutive weeks, first publication having been made on the 10th day of February, 1972, last publication having been made on the 17th day of February, 1972, and that the said notice was published in the regular and entire issue of said paper on the respective dates of publication, and that such notice was published in the newspaper and not in a supplement.

Subscribed and sworn to before me, this 21st day of February, 1972

Karl S. Dale
Notary Public

My commission expires April 5, 1975

B10, 1M



25 7022

DEPARTMENT OF WATER ADMINISTRATION

STAFF ANALYSIS

Application No. 25-7022
35-7207 Name City of Idaho Falls

Source Ground Water

Point of Diversion NW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 8, T. 2N, R. 37E, B.M., Bonneville County

Quantity 7.35 cfs Use municipal Period 1/1-12/31

Quantity _____ Use _____ Period _____

Quantity _____ Use _____ Period _____

Well Size _____ Diameter _____ Proposed Depth _____ Feet

Use Municipal purposes for the City of Idaho Falls.

Date Forwarded _____ Date Returned _____ Received by _____

COMMENTS: The City of Idaho Falls increased in population by 2,615 people (7.9%) from the 1960 to 1970 official census. Assuming a similar rate of increase, over the next five years the population will increase by approx. 1400. At 4 persons per family 350 new families would be added. At 0.03 c.f.s. per family (if this value can be applied to city dwellers) an increased diversion of 10.5 c.f.s. could be justified.

Thus the requested rate could easily be utilized before licensing. Added to this amount would be industrial use and water supplied to housing developments outside of the city.

RECOMMENDED:

Applied: Qty. 7.35 cfs Use municipal Period 1/1-12/31 AF/A ---- AF ?

Qty. _____ Use _____ Period _____ AF/A _____ AF _____

Qty. _____ Use _____ Period _____ AF/A _____ AF _____

Maximum: Qty. N.A. Use municipal Period 1/1-12/31 AF/A --- AF N.A.

Qty. _____ Use _____ Period _____ AF/A _____ AF _____

Qty. _____ Use _____ Period _____ AF/A _____ AF _____

ACTION: Approved X Denied _____

Conditions of approval or reason for denial: _____

By Norman C. Young Title District Engineer
 NORMAN C. YOUNG Date 2-3-72

25 7022

DEPARTMENT OF WATER ADMINISTRATION

STAFF ANALYSIS

Application No. 35-7207 25-7022 Name City of Idaho Falls

Source Groundwater

Point of Diversion NW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 8, T. 2N, R. 37E, B.M., Bonneville County

Quantity 7.35 Use Municipal, domestic, Period Jan. 1 - Dec. 31
culinary & industrial

Quantity _____ Use _____ Period _____

Quantity _____ Use _____ Period _____

Well Size _____ Diameter _____ Proposed Depth _____ Feet

Use City of Idaho Falls

Date Forwarded 2-8-72 Date Returned _____ Received by _____

COMMENTS: Insufficient data on water level trends.

RECOMMENDED:

Applied: Qty. _____ Use _____ Period _____ AF/A _____ AF _____

Qty. _____ Use _____ Period _____ AF/A _____ AF _____

Qty. _____ Use _____ Period _____ AF/A _____ AF _____

Maximum: Qty. _____ Use _____ Period _____ AF/A _____ AF _____

Qty. _____ Use _____ Period _____ AF/A _____ AF _____

Qty. _____ Use _____ Period _____ AF/A _____ AF _____

ACTION: Approved _____ Denied _____

Conditions of approval or reason for denial: _____

INVESTIGATION By Paul M. Casteln Title W.R.I.-I

Date Feb. 22, 1972

25 7022

02 WATER RIGHT NUMBER 25-7022

OWNER LAST NAME - CITY OF IDAHO FALLS

FIRST NAME -

ORIG OWNER -

ADDRESS LINE 1 - P.O. BOX 220

ADDRESS LINE 2 -

ADDRESS LINE 3 -

CITY - IDAHO FALLS

STATE - ID ZIP CODE - 83401

SOURCE - GROUNDWATER

TRIBUTARY OF -

STAGE - LICENSE

STATUS -

PRIORITY - 01-18-1972

COUNTY - BONNEVILLE

TOTAL DIV. RATE -

7.3500 -CFS

TOTAL DIV. VOLUME - 4609.00 AFA TRFR/AMEND -

WATER DIST. -

DLE/CAREY ACT -

RIGHT BASIS -

DIVERSION POINT - NWSW 08 02N 38E LOT REDIV -

0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

FROM - 01-01 TO - 12-31 USE - MUNICIPAL

USE DIV. RATE -

7.3500 CFS

USE DIV. VOLUME -

4609.00 AFA

USE -

PLACE OF USE - TWN

RNG

SEC

DECREE NAME -

DATE -

TOTAL ACRES

0

REMARKS - P/U WITHIN CITY LIMITS OF IDAHO FALLS.

NON IRRIG USE -

OTHER RIGHTS FOR SAME USE -

PROOF DUE -

PERMIT/DENIED -

PROTESTED -

HEARING -

OLD NO. -

PROOF MADE - FLD EXAM - COND. OF APPROVAL -

DIVERSION MEANS -

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

WATER RIGHT
DATA ENTRY LOG

[illegible]

March 31, 1978

Re: Permit No. 25-7022

Mr. Wayne R. Wolfe
Water & Sewer Supt.
City of Idaho Falls
P. O. Box 220
Idaho Falls, ID 83401

Dear Mr. Wolfe:

Enclosed herewith is a copy of the water right license issued on the above referenced permit.

Sincerely,

JAN GROVER
Water Rights Supervisor

JG:lr

RECEIVED
MAY 1 1978

February 24, 1978

Re: Permit No. 25-7022

Mr. Wayne R. Wolfe
Water & Sewer Supt.
City of Idaho Falls
P. O. Box 220
Idaho Falls, ID 83401

Dear Mr. Wolfe:

In your letter of February 13, 1978, you requested we change the licensed amount recommended for this permit to 8.9 cfs and 6,452 acre feet per year.

However, the 7.35 amount is the amount the City of Idaho Falls applied for on the original permit and also the amount found by the field examiner. Therefore, since a license can be issued for no more than the permitted amount and is based on the findings of the field examiner, we can only issue this license for 7.35 cfs and 4,609 acre feet. When you decide to further develop and use more water from this well, a new permit must be completed for the extra water.

If you have further questions please contact us within 10 days, and if we do not hear from you, we will issue a license based on the 7.35 cfs amount.

Sincerely,

JAN GROVER
Water Rights Supervisor

JG/kw

CITY OF IDAHO FALLS

P.O. BOX 220

IDAHO FALLS, IDAHO 83401

RECEIVED

FEB 15 1978

Department of Water Resources

OFFICE OF: Mr. Wayne R. Wolfe Supt.
WATER & SEWER DEPARTMENT

Mr. Bobby D. Fleenor
Chief, Operations Bureau
State of Idaho
Department of Water Resources
Statehouse
Boise, Idaho 83720

February 13th, 1978

Dear Mr. Fleenor:

Jan In reviewing your letter of February 7th, 1978 concerning Permit No. 25-7022 I find that there may be a problem concerning the amount of water that can be beneficially used. The letter states that only 7.35 cfs can be used, but the well is capable of producing 8.9 cfs at design capacity. This well also at design capacity is capable of pumping 6452 acre feet of water per year. When the area is fully developed I feel that we may require this amount of water.

If possible I would like the permit changed to allow 8.9 cfs of beneficial water usage and a maximum quantity of 6452 acre feet per year.

Thank you for your help.

Sincerely,

Wayne R. Wolfe
Mr. Wayne R. Wolfe
Water & Sewer Supt.

Copy to:
Mr. Don F. Lloyd P.E.

WW/nf

RECORDED

February 7, 1978

Re: Permit No. 25-7022

City of Idaho Falls,
ATTN: Mayor Pederson
Box 220
Idaho Falls, ID 83401

Sir:

A representative of this Department made an examination of the works covered by your Permit No. 25-7022 on March 2, 1977, and has found the following:

Amount of water that can be recognized as beneficially used under
Idaho law: 7.35 cfs Source: groundwater

The maximum quantity diverted shall not exceed 4,609 acre feet per year.

Point of diversion: NW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 8, Twp. 2N, Rge. 38E, B. M.

Beneficial use: Municipal use for the City of Idaho Falls.

Priority date established: January 18, 1972

If you do not concur with these findings please contact us within 10 days, otherwise a water license will be issued as set forth above.

Sincerely,

BOBBY D. FLEENOR
Chief, Operations Bureau

BDF/cah

[Handwritten signature]

RECEIVED

1. Name of permit holder City of Idaho Falls FEB 17 1977
 Post office address Box 220, IDaho Falls, ID 83401 Department of Water Resources
Eastern District Office
 Person to contact Mayor Pederson Phone _____

2. Source of water supply: Groundwater ☒ Surface water ☐ _____
(name spring, stream, etc.)
Tributary to _____

3. Water will be used for the following purposes:

Amount 7.35 c.f.s. for Municipal (Well No. 12)
AF/Annum (nature of use)

Period of Use: from Jan. 1 to Dec. 31
(mo.-day) inclusive (mo.-day)

Amount _____ c.f.s. for _____
 _____ AF/Annum (nature of use)

Period of Use: from 12/1/2011 to 12/31/2011
(mo.-day) inclusive (mo.-day)

Amount _____ c.f.s. for _____
 _____ AF/Annum _____ (nature of use)

Period of Use: from _____ to _____
(mo.-day) inclusive (mo.-day)

Other uses: _____

Permit No. 25-7022 *(Well No. 2)*
Examination for b/u

4. Total amount to be appropriated:

Max Rate of Diversion 7.35 cubic feet per second and annual volume _____ AF/Annum.

5. Location of Point(s) of Diversion:

Township 2N N/S, Range 37E E/W, B.M., Section 8, Subdivision NW 1/4 SW 1/4, Bonneville County

Township _____ N/S, Range _____ E/W, B.M., Section _____, Subdivision _____ 1/4 _____ 1/4, _____

County

Township _____ N/S, Range _____ E/W, B.M., Section _____, Subdivision _____ ¼ _____ ¼, _____ County

Other Points of Diversions: _____

Description of diverting works: 250 hp-motor, 22" casing, 300' deep cast iron piping tied into the entire city water system. 4,000 gpm pump

Measuring device required: yes ☒ no ☐

6. Lands to be irrigated or place of use. City of Idaho Falls

[illegible]

TOTAL ACREAGE _____

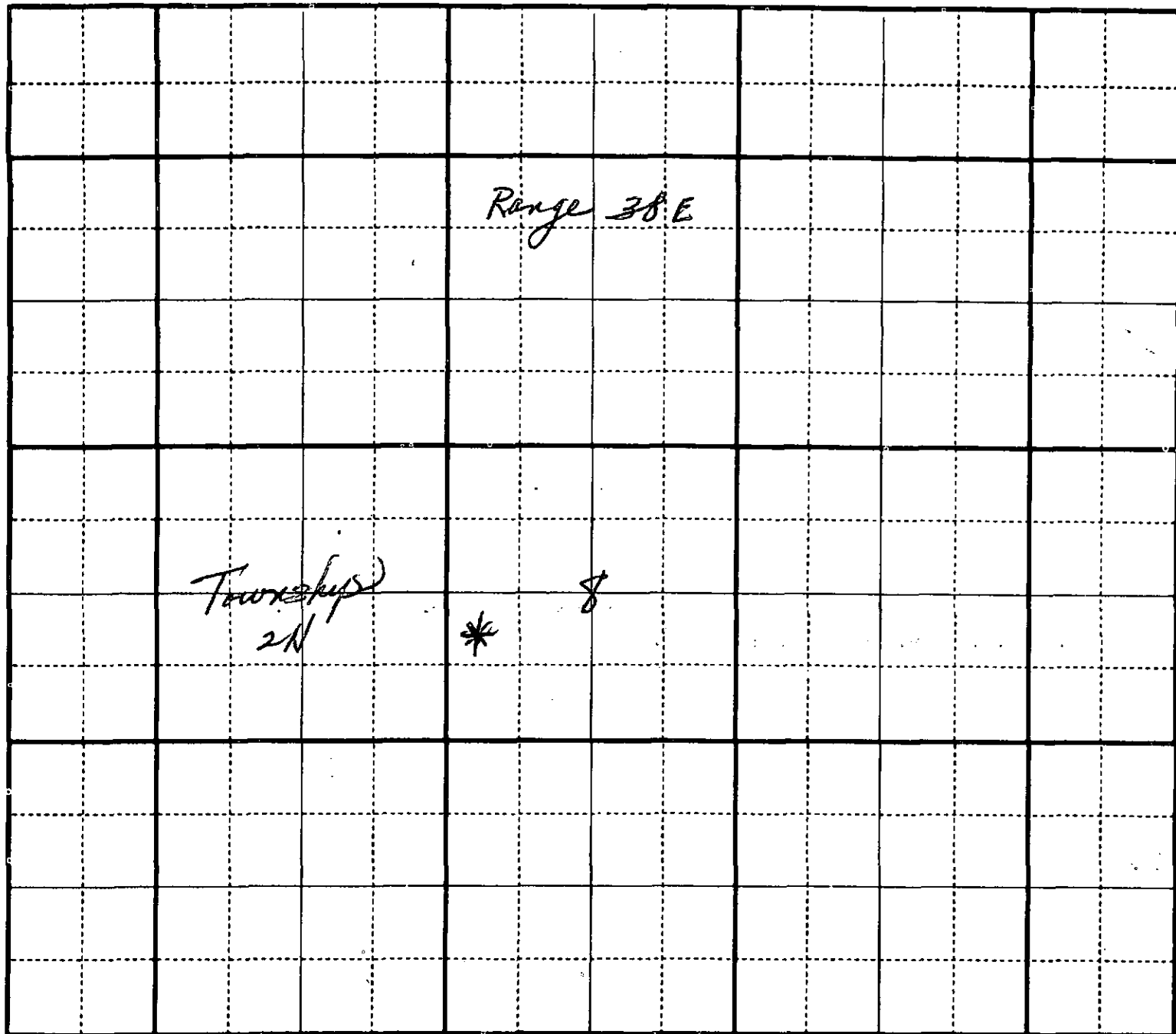
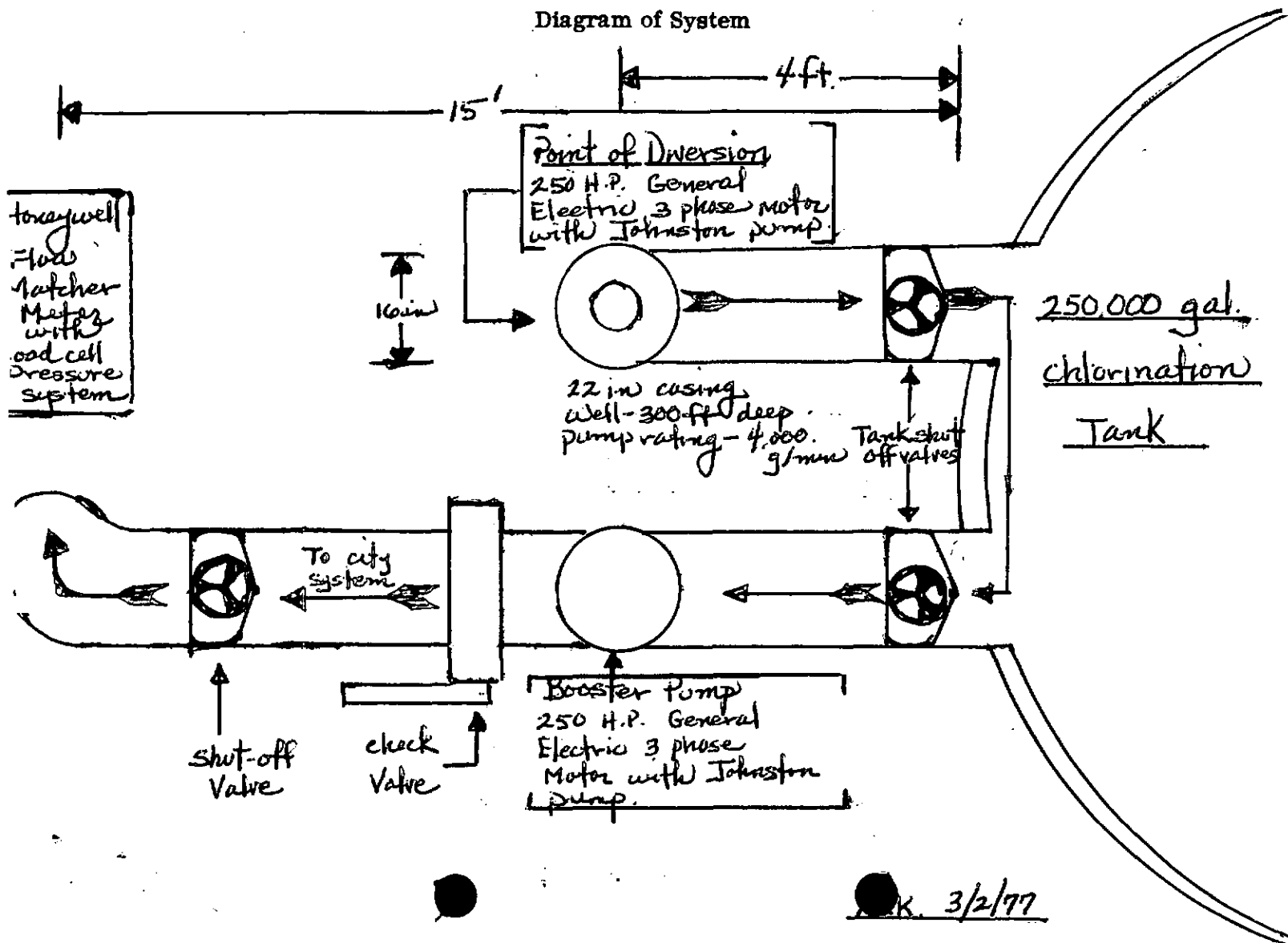


Diagram of System



DATE OF EXAM 3/2/77

ACREAGE
Found n/a
Recommended n/a

Irrigation Requirement n/a Ac Ft/Ac

USE

Irrigation Q = _____ c.f.s. V = _____ AF/Ann. from _____ to _____
Domestic Q = _____ c.f.s. V = _____ AF/Ann. from _____ to _____
Livestock Q = _____ c.f.s. V = _____ AF/Ann. from _____ to _____
Municipal Q = 7.35 cfs V = 4,609 AF/Ann. from Jan 1 to Dec 31

Is water co-mingled? yes _____ no X

Name source: n/a
twp. _____ N/S, Rge _____ E/W, B.M., Sec. _____, Sub. _____ 1/4 _____ 1/4 _____
County _____

Exchange? yes _____ no X

Name source exchanged with: n/a
twp. _____ N/S, Rge _____ E/W, B.M., Sec. _____, Sub. _____ 1/4 _____ 1/4 _____
County _____

Point of injection: n/a
twp. _____ N/S, Rge _____ E/W, B.M., Sec. _____, Sub. _____ 1/4 _____ 1/4 _____
County _____

Point of exchange: n/a
twp. _____ N/S, Rge _____ E/W, B.M., Sec. _____, Sub. _____ 1/4 _____ 1/4 _____
County _____

Total Q measured 8.91 cfs Method of measurement Venturi Meter

Total Q recommended 7.35 cfs Meter No. X2467652004 Type Honeywell Floor-Matcher Condition excellent

Total V recommended 4,609 AF/Ann

Recommended Amendments:

☒ P.D. Should be range 38E not 37E (already amended on 5/30/72 field error is already wrong)
Place of Use _____
Other _____
None _____

MEASUREMENT CALCULATION:

$Q = \text{Rating of pump} = 1000 \text{ gal/min} = 8.91 \text{ cfs}$

$V = \text{max. recorded annual output} = 1,501,848,000 \text{ gal} \div 325,850 \text{ gal/AF} = 4,609 \text{ AF/Ann.}$ ARK 3/2/77

SYSTEM DESCRIPTION: 250 H.P., 3phase General Electric motor S/N DJI404012 m/n-5M6318X05 with Johnston vertical pump S/N-GE-4262 pumps water from a 300' deep well with 22" casing into a 250,000 gal. chlorination tank. A 250 H.P. 3phase GE motor S/N- DJI404011 m/n-5M6318X04A with Johnston vertical pump S/N-GE-4261 serves as booster pump for water from tank and pumps it into a closed city system. The main line has a 16" diam. Measuring device is a honeywell floor-matcher (with pen & ink circular chart printout. S/N- X2467652004 m/n- Y702 (F) 26-C14-93(P2)

REMARKS:

Conferred with Wayne Wolf - Water & Sewer Superintendent

A direct Rate of flow measurement was not possible with this system for at any given time the pump puts out only what pressure in closed city system dictates

Examiner's Signature Anthony R. Kozlowski Date 3/2/77

Checked by Ernest R. Carlson Date 3/4/77

Approved by _____ Date _____

February 16, 1977

Re: Permit No. 25-7022

City of Idaho Falls
Attn:; Mayor Pederson
Box 220
Idaho Falls, Idaho 83401

Dear Mayor Pederson:

We acknowledge receipt of the affidavit 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. We cannot tell just when this examination will be made, but our examiner will try to contact you at the time he makes the examination so that you may show him the system.

If you have any questions regarding the field examination, please contact our District Office in Idaho Falls.

Sincerely,

D. Darlene Reich
Water Rights Supervisor

DDR:JG

MICROFILMED

Identification No.

25-7022

RECEIVED
FEB 4 1972
Department of Water Resources

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

PROOF OF APPLICATION OF WATER TO BENEFICIAL USE

1. a) Name of Permit Holder City of Idaho Falls, Idaho
b) Post Office Address P. O. Box 220, Idaho Falls, Idaho 83401
2. Permit Number 25-7022 (35-7207) Well No. 12
3. Date of Priority that you are prepared to establish January 18, 1972
4. a) Source from which water was appropriated Subterranean
b) Location of the point of diversion: SW $\frac{1}{4}$ NE $\frac{1}{4}$, Section 8
Township 2N, Range 38 East Boise Meridian, Other points of diversion: _____

5. a) The amount of water and use to which the water has been applied:
Amount 7.35 cfs for Municipal, Domestic purposes from Jan. 1 to Dec. 31 incl.
(cfs and/or acre-feet per annum) (Month-Day) (Month-Day)
Amount _____ for _____ purposes from _____ to _____ incl.
(cfs and/or acre-feet per annum) (Month-Day) (Month-Day)
Amount _____ for _____ purposes from _____ to _____ incl.
(cfs and/or acre-feet per annum) (Month-Day) (Month-Day)
b) Total amount appropriated 7.35 cfs and/or acre-feet per annum
c) Describe how and by whom measurement of rate of flow or amount of storage was made and the qualifications of the person making the measurement: Wayne R. Wolfe, Water Superintendent. Measuring device is a Venturi and flow meter. Well qualified Class 1V Operator Certified by State of Idaho.

6. If the means of diversion and conveyance are owned by someone other than the Permit Holder:
a) Give the name or description of the canal, ditch or other works by which the water is conducted to the place of use:
NA
b) Describe the agreement or understanding by which you take water from the works:
NA

7. a) Briefly describe the works for diverting and conveying the water to the place of use, (if from a subterranean source, give the pump size, motor size, size of well casing, depth of well; if from surface water, give brief description of diversion structure and/or canal or ditch) Cast iron piping tied into the entire city water system. 4,000 GPM pump; 250 HP Motor; 22 inch casing; 300 feet deep.

- b) Describe the type and size of measuring device which you have installed at your point of diversion: 24 inch Venturi and flow meter

- c) Give well driller's name and address and the date the well was completed: Andrew Drilling Contractors, 1268 E. 17th Street, Idaho Falls, Idaho 83401.
Drilling completed 11/9/72 - Building and pumping facilities completed 10/16/74.

8. If for other than irrigation, describe the beneficial use to which you have applied the water and the place of use: This well is a part of the entire water system of the City of Idaho Falls being used for municipal, domestic and industrial use. It is also used for lawn sprinkling throughout the City.

MICROFILMED

Exam typed 2/10/77 by [signature]

If you are irrigating 15 or more acres, please submit an affidavit with this affidavit.

9. Irrigation uses: describe the lands irrigated by giving the acreages irrigated with each 40-acre subdivision.

NA

T	R	SEC.	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	

Total number of acres irrigated _____

10. Remarks: _____

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

Feb. 2, 1977

(Date)

L. Edwin Pedersen

(Signature)

State of Idaho)

) ss.

County of Bonneville)

On this 2 day of February, 19 77, personally appeared before me the signer(s) of the above instrument, who duly acknowledged to me that he (she) (they) executed the same.

Margaret A. Metcalf
Notary Public residing at 362-10th St.
Idaho Falls, Idaho

My commission expires Life

December 31, 1976

CERTIFIED MAIL

138149

Re: Permit No. 25-7022 and 25-7044

City of Idaho Falls
Box 220
Idaho Falls, Idaho 83401

Gentlemen:

One of the conditions of approval of your water Permit No. 25-7022, 25-7044 (see last page of your approved permit) was that evidence of the extent of development be submitted as proof of application of water to beneficial use to this office on or before March 1, 1977. Enclosed is an affidavit form which must be used to submit the required proof of beneficial use.

If you have not fully completed your project, and you have not previously received an extension of time, you may request an extension of time provided the delay is for reasonable cause as indicated in Section 42-204, Idaho Code, amended. If you have been prevented from proceeding by a governmental agency or by litigation, more than one extension of time can be granted.

Either the beneficial use affidavit or a request for an extension of time must be received by this Department on or before the above mentioned date, otherwise the permit will lapse and be of no further force or effect.



R. KEITH HIGGINSON
Director

RKH:jg
Enc: Proof affidavit

MICROFILMED

USE TYPEWRITER OR
BALL POINT PEN

State of Idaho
Department of Water Administration

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Administration within 30 days after the completion or abandonment of the well.

1. WELL OWNER

Name City of Idaho Falls

Address _____

Owner's Permit No. 25-7022

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement

☐ Abandoned (describe method of abandoning)

3. PROPOSED USE

☐ Domestic ☐ Irrigation ☐ Test

☒ Municipal ☐ Industrial ☐ Stock

4. METHOD DRILLED

☒ Cable ☐ Rotary ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Diameter of hole 30 inches Total depth 303 feet

Casing schedule: ☒ Steel ☐ Concrete

Thickness	Diameter	From	To
<u>.250</u> inches	<u>30</u> inches	<u>+ 1</u> feet	<u>13</u> feet
<u>.250</u> inches	<u>22</u> inches	<u>+ 2</u> feet	<u>239</u> feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

Was a packer or seal used? ☐ Yes ☒ No

Perforated? ☐ Yes ☒ No

How perforated? ☐ Factory ☐ Knife ☐ Torch

Size of perforation _____ inches by _____ inches

Number	From	To
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet

Well screen installed? ☐ Yes ☒ No

Manufacturer's name _____

Type _____ Model No. _____

Diameter _____ Slot size _____ Set from _____ feet to _____ feet

Diameter _____ Slot size _____ Set from _____ feet to _____ feet

Gravel packed? ☐ Yes ☒ No Size of gravel _____

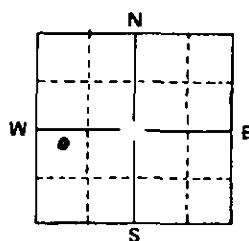
Placed from _____ feet to _____ feet

Surface seal? ☒ Yes ☐ No To what depth 239 feet

Material used in seal ☒ Cement grout ☐ Puddling clay

6. LOCATION OF WELL

Sketch map location must agree with written location.



25 7022

County Bonneville

NW ¼ SW ¼ Sec. 8, T. 3 N/S, R. 36 E/W

7. WATER LEVEL

Static water level 130 feet below land surface

Flowing? ☐ Yes ☒ No G.P.M. flow _____

Temperature _____ ° F. Quality _____

Artesian closed-in pressure _____ p.s.i.

Controlled by ☐ Valve ☐ Cap ☐ Plug

8. WELL TEST DATA

☐ Pump ☐ Bailer ☐ Other

Discharge G.P.M.	Draw Down	Hours Pumped
3800 Max.	3"	30

9. LITHOLOGIC LOG

Hole Diam.	Depth		Material	Water	
	From	To		Yes	No
30	0	12	Gravel Fill		
28	12	37	Gray Basalt		
	37	42	Broken Basalt Red Cinders		
	42	45	Brown Basalt Fractured		
	45	50	Fractured Gray Basalt		
	50	53	Cinders Broken Basalt		
	53	55	Broken Basalt		
	55	83	Gray Basalt Fractured		
	83	87	Broken Basalt Brown Silt		
	87	107	Sand Brown Silt		
	107	117	Broken Basalt Sand Silt		
	117	130	Broken Gray Basalt	X	
	130	145	Loose Broken Basalt		
	145	153	Broken Basalt Cinders		
	153	160	Loose Cinders	X	
	160	172	Broken Gray Basalt	X	
	172	185	Hard Gray Basalt	X	
	185	190	Hard Gray Basalt	X	
	190	211	Very Hard Basalt	X	
	211	213	" " "(Fractured)	X	
	213	221	Black Cinders	X	
	221	234	Broken Basalt Cinders	X	
	234	237	Firm Basalt	X	
28	237	239	Firm Basalt Hard Gray	X	
22	239	243	Hard Gray Basalt	X	
	243	255	Black Cinders	X	
	255	265	Red Cinders	X	
	265	284	Red & Black Cinders	X	
	284	299	Basalt	X	
22	299	303	Broken Basalt Cinders	X	

10.

Work started April 27, 1972 finished August 17, 1972

11. DRILLER'S CERTIFICATION

This well was drilled under my supervision and this report is true to the best of my knowledge.

Andrew Well Drilling Contractors _____
Driller's or Firm's Name Number

1268 E. 17th St. Idaho Falls, Idaho 83401
Address

[Signature] _____
Signed By Date 9/1/72

INTER-DEPARTMENT MEMO — 1

FROM Bobbie Albertson

DATE December 20, 1972

TO E. J.

SUBJECT Number change

Permit No. 35-7207 is actually in Basin 25. I have renumbered the permit and the new number is 25-7022.

RECEIVED

Department of Water Resources

Bobbie

25

7022

SIGNATURE

May 31, 1972

25-7022
Re: Permit No. 35-7207

City of Idaho Falls
Box 220
Idaho Falls, Idaho 83401

Gentlemen:

Enclosed please find a copy of the approved application for amendment in connection with the above referenced permit.

If we may be of assistance at any time, please contact us.

25 7022

Very truly yours,

BOBBY D. FLEENOR
Assistant Director

BDF:DR
Enclosure

bc: Eastern District Office

25 7022

May 23, 1972

Re: Permit No. ²⁵⁻⁷⁰²²~~35-7207~~

City of Idaho Falls
Box 220
Idaho Falls, ID 83401

ATTENTION: Mayor S. Eddie Pedersen

Gentlemen:

Attached herewith is departmental receipt No. 7308 in the amount of \$10 for your application for amendment which was received in this office under the above date.

Very truly yours,

NORMAN C. YOUNG
District Engineer

NCY:BA

Attachment

25 7022

CITY OF IDAHO FALLS

P.O. BOX 220

IDAHO FALLS, IDAHO 83401

OFFICE OF: Donald F. Lloyd, P. E.

RECEIVED

MAY 22 1972

Department of Water Administration
May 22, 1972

Mr. Norman C. Young
District Engineer
State of Idaho Dept. of Water Adm.
240 South Holmes Avenue
Idaho Falls, Idaho 83401

Re: File F 25-g

Dear Mr. Young:

Enclosed you will find one copy of the Application for Amendment of Permit No. 35-7207, and a warrant in the amount of \$10.00. Also enclosed is a claim which you must sign and return in the enclosed self-addressed envelope.

We have corrected the point of diversion to the proper Range 38 rather than Range 37 as shown on the application. I must have been dreaming that day.

Thank you for making the necessary change on the records.

Very truly yours,

Donald F. Lloyd, P. E.
Director of Public Works


A. H. Evans
Adm. Assistant

AHE:bp

Enclosures

25 7022

CONTROLLERS OFFICE
P. O. BOX 220
IDAHO FALLS, IDAHO

No. 49284

IDAHO FALLS, IDAHO

State of Idaho
Department of Water Administration
Eastern District Office
240 South Holmes Avenue
Idaho Falls, Idaho

SERVICE CONTRACT NO.

Signed

PURCHASING AGENT

1. MAIL INVOICE AT TIME OF SHIPMENT. INVOICES RECEIVED AFTER 25TH OF MONTH WILL BE INCLUDED IN FOLLOWING MONTHS BUSINESS.
2. MAIL A SEPARATE INVOICE FOR EACH SHIPMENT AGAINST THIS PURCHASE ORDER IF PARTIAL SHIPMENTS ARE MADE.
3. ALL PACKAGES, INVOICES AND BILLS OF LADING MUST SHOW THE ABOVE PURCHASE ORDER NUMBER.
4. PLEASE ACKNOWLEDGE RECEIPT OF THIS PURCHASE ORDER BY RETURN MAIL; AND IF NOT ACCEPTED AS WRITTEN, ADVISE AT ONCE, WITH EXPLANATION; ALSO GIVE SHIPPING DATE.
5. BE SURE TO ENCLOSE DELIVERY OR PACKING LIST WITH EACH SHIPMENT.
6. MAIL BILL OF LADING AT TIME OF SHIPMENT SHOWING THE ABOVE ORDER NUMBER AND COMPLETE ROUTING.
- 25 7022

25 7022

ORIGINAL

MAIL CERTIFIED INVOICE TO:

CONTROLLERS OFFICE
P. O. BOX 220
IDAHO FALLS, IDAHO

City of Idaho Falls, Idaho

PURCHASE ORDER

No. 49284

S
H
I
P

CITY OF IDAHO FALLS

T
O

IDAHO FALLS, IDAHO

V
E
N
D
O
RState of Idaho
Department of Water Administration
Eastern District Office
240 South Holmes Avenue
Idaho Falls, Idaho☐ CONFIRMING☒ NON CONFIRMING

REQ. NO. 40573 Eng.

DATE May 18, 1972

☐ F.O.B. IDAHO FALLS ☒ OTHER☐ TERMS: 2% 10th PROX. ☐ OTHER

DELIVERY DATE

SERVICE CONTRACT NO.

QUANTITY		DESCRIPTION	ACCOUNT	PRICE	UNIT	AMOUNT
RECEIVED	ORDERED					
		Filing fee for amendment to water use Permit No. 35-7207	4441-69			10.00

24045-99-33

CITY OF IDAHO FALLS

BY

PURCHASING AGENT

SUPPLIER NOTE: PLEASE ACKNOWLEDGE RECEIPT OF THIS ORDER BY PROMPTLY RETURNING THIS COPY.
THIS ORDER IS ACCEPTED SUBJECT TO CONDITIONS STATED ON THE FACE AND ON THE REVERSE SIDE HEREOF. ANY
DISCREPANCIES IN PRICE, DESCRIPTION OR DELIVERY HAVE BEEN CORRECTED AS SHOWN ABOVE.

SHIPMENT SCHEDULED _____ 19 _____

25 7022

VENDOR _____ BY _____ DATE _____
AUTHORIZED REPRESENTATIVE

ACKNOWLEDGEMENT COPY

May 15, 1972

Re: Permit No. ²⁵⁻⁷⁰²² 35-7207

Mayor S. Eddie Pedersen
City of Idaho Falls
Box 220
Idaho Falls, ID 83401

Dear Mr. Pedersen:

Upon review of the above referenced permit in the name of the City of Idaho Falls, we find that the location of the point of diversion is listed as the NW $\frac{1}{4}$ SW $\frac{1}{4}$, Section 8, Township 2N, Range 37E, B.M. However, the map submitted with the application shows the location as being in the NW $\frac{1}{4}$ SW $\frac{1}{4}$, Section 8, Township 2N, Range 38E, B.M.

Therefore, it will be necessary for you to complete the enclosed amendment form, correcting the point of diversion to the proper Range. There is a \$10 filing fee for amendments which you may remit with the completed amendment form.

If you have any questions, please do not hesitate to contact this office.

Very truly yours,

NORMAN C. YOUNG
District Engineer

NCY:BA

Enc: amendment form

25 7022

STATE OF IDAHO

DEPARTMENT OF WATER ADMINISTRATION

Statehouse — Annex 2

Boise, Idaho 83707

(208) 384-2215



R. Keith Higginson
Director

Water Rights Administration
Water Resource Investigations
Dam and Reservoir Safety
Water Well Drilling
Flood Plain Management
Irrigation and
Flood Control Districts

March 29, 1972

25-7022
Re: Permit No. 35-7207 — City of Idaho Falls

City of Idaho Falls
Box 220
Idaho Falls, Idaho 83401

Gentlemen:

Enclosed is a copy of your approved Application for Permit No. 35-7207. We direct your attention to the conditions of approval as listed on the fourth page.

Be sure to note that a special condition requiring you to install and maintain a measuring device at your point of diversion has been placed upon your permit. We are enclosing a letter describing different types of measuring devices accepted by this office.

Very truly yours,

BOBBY D. FLEENOR
Assistant Director

BDF:cr

Enclosures

25 7022

February 3, 1972

Re: Application No. ²⁵⁻⁷⁰²²35-7207 - City of Idaho Falls

The Post Register
P.O. Box 1800
Idaho Falls, ID 83401

Gentlemen:

Enclosed you will find a legal notice which we wish to have published once a week for two consecutive weekly issues of your newspaper. We have inserted the publication dates allowing ample time for you to submit us a galley proof for our review before publication.

After sending us a galley proof, proceed with the publication on the dates we have inserted assuming the notice is correct. If we have any corrections, we will notify you 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. In order to receive payment, the following certification must appear on the bill:

"I hereby certify that the foregoing account is just and correct, that the amount claimed is legally due, after allowing all just credits, and that no part of the same has been paid."

(signature of claimant)

Very truly yours,

Norman C. Young
District Engineer

Bill submitted to Boise Office 3-16-72 by cl

NCY:BJ
Enc: Legal notice

25 7022

NOTICE OF APPLICATION FOR WATER PERMIT

Notice is hereby given that the City of Idaho Falls, Box 220, Idaho Falls,
Idaho

has on 1-18-72 submitted Application No. 35-7207 25-7022

for a permit to appropriate 7.35 cubic feet per second ~~acre feet per annum~~

of water from a ground-water source

by means of well and pump

within the NW 1/4, Sec. 8, T. 2N, R. 37E, B.M., Bonneville County;

to be used from Jan. 1 to Dec. 31

for municipal purposes

within the boundaries of the Idaho Falls City water system

If issued, this permit will be subject to all prior water rights. Protests against the granting of this permit must be filed with the Idaho Department of Water Administration, 240 South Holmes, Idaho Falls, Idaho, 83401, on or before February 28, 1972.

R. KEITH HIGGINSON

Director

Published in the Post Register, Idaho Falls, Idaho
on February 10 and 17, 1972

NCY
25 7022

RECEIVED

CITY OF IDAHO FALLS

FEB 2 1972

P.O. BOX 220
IDAHO FALLS, IDAHO 83401

Department of Water Administration
Eastern District Office

OFFICE OF: Donald F. Lloyd, P. E.

February 2, 1972

Norman C. Young, District Engineer
State of Idaho Department of Water Adm.
240 South Holmes Avenue
Idaho Falls, Idaho 83401

Re: Well No. 12

Dear Mr. Young:

This will acknowledge receipt of your letter of January 24, 1972 requesting additional information with regards to the City of Idaho Falls application for permit to appropriate underground waters.

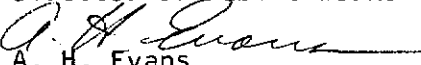
You requested a listing of each 40-acre subdivision in which the water will be used. As you know, our water system consists of 11 wells at the present time which are all tied together with watermains as will be the proposed Well No. 12, subject of this application. It is therefore conceivable that this water will be used throughout the entire City and in some areas presently being served which are outside the city limits. We have outlined the boundary of our service area on the map provided in the application under Well No. 11. To our knowledge this is an accurate picture of the service area at the present time, however, this boundary will change periodically as new areas are annexed or provided with water service. We hope that the boundary outline as provided will suffice so you can proceed with the processing of the application as time is of the essence. We are anxious to proceed with the drilling in the very near future.

By way of establishing the need for this additional water, we are submitting various excerpts from a publication of the Water System Plan for the City of Idaho Falls, prepared by the consulting firm of Cornell, Howland, Hayes and Merryfield dated July 30, 1970. The information in these excerpts regarding the dire need of additional water for this municipality is further attested to by the extremely low water pressures within the city during the peak warm weather periods when the watering of lawns requires the full effort and capability of our entire water system. As a matter of fact, the City of Idaho Falls really needs two additional wells exclusive of the subject Well No. 12 in order to keep up with the ever-increasing demands and to meet the challenge of possible down time of one or more wells during emergent conditions.

We would again impress upon you the need for prompt action on our application and be assured that we are ready to make every effort to satisfy your needed information in order to facilitate the processing of the application.

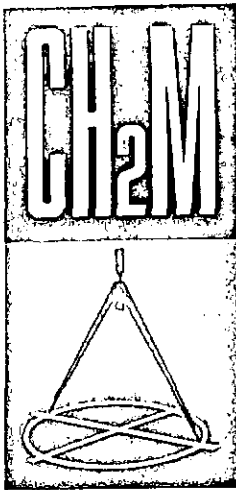
Very truly yours,

Donald F. Lloyd, P. E.
Director of Public Works


A. H. Evans
Adm. Assistant

25 7022

AHE:bp
Enclosures



CORNELL, HOWLAND, HAYES & MERRYFIELD

414 NORTH FIRST STREET • P.O. BOX 897 • BOISE, IDAHO 83701
TELEPHONE 208/333-2521

30 July 1970

Project No. B5576.0

Honorable Mayor and City Council
City Hall
Idaho Falls, Idaho 83401

Gentlemen:

Water System Plan

Transmitted herewith is our report on water system improvement needs for the City.

The purpose of this study was to determine feasibility of improving or abandoning Wells 7 and 8, to investigate methods and costs of expanding and improving the present well control system, and to locate and size new wells and distribution system extensions to supply water to the rapidly growing area north of the City. During the course of the investigation, it became apparent that it would be desirable to expand the scope of the study in several areas, including improvements to existing wells, emergency power, peaking storage and cost estimates, and the findings of these are included herein.

The principal findings of the study are summarized below:

1. The system now serves 11,800 users in an area of 5,400 acres. Population served is estimated at 38,000.
2. Peak day use is 39 mgd (million gallons per day). Peak hour use rate is limited by the capacity of the wells to 54 mgd.
3. Per capita consumption has increased at an unusually high rate of 3 percent per year since 1960, resulting in water use rates considerably higher than previously projected.
4. Population is expected to increase to over 56,000 in the next 20 years. Well capacity will need to be more than doubled at that growth rate, adding 66 mgd to the present capacity of 54 mgd.
5. Abandoning Wells 6 and 7 because of small size and high drawdown is not justified on the basis of operating economy at this time.
6. Major maintenance work is needed at several existing wells to replace obsolete equipment, automate them, and improve operations. A proposed improvement program is outlined herein.

Honorable Mayor and City Council
30 July 1970
Page 2

7. A new well, located on the north side, is needed immediately. Future wells should be as large as possible to keep the number within manageable limits. Construction in stages of 3,300 and 6,600 gpm is recommended for most future wells, with location to be as shown on the master plan herein.
8. Emergency standby power would be desirable to the extent of being able to supply a base load of 19 mgd during an area-wide power failure.
9. Expansion of the present well control system is feasible and desirable at this time. Possible expansion plans are contained herein.
10. A proposed supply main grid is shown on Figure 8 herein.
11. The water system construction program is running considerably behind demands on the system. A revenue bond issue may be needed to bring the system up to a desirable level.
12. A financial study should be undertaken to allow setting a construction program and to indicate whether or not an increase in water rates is necessary to correct for a drastic inflationary trend.

We appreciate the opportunity to be of service to the City in preparation of this study and will look forward to working with you in implementation of the plan.

Very truly yours,

CORNELL, HOWLAND, HAYES & MERRYFIELD

LeRoy R. Taylor
LeRoy R. Taylor

LRT/ll

Enclosure

25 7022

CHAPTER II WATER USE

PRESENT USE

Total water use for 1968 is shown on Figure 1. Water use for 1969 to date has been similar, with a peak day use of 39.2 million gallons on 21 July.

Use rates during the peak hours of the highest use days were restricted to the capacity of the present pumps, a rate of about 54 mgd (million gallons per day). Had unlimited pumping capacity been available, a peak hour rate of up to 65 mgd would probably have been recorded. The ratio of peak day to peak hour use is unusually low, indicating high night use which has apparently been a major factor in preventing widespread, low pressure problems due to demand exceeding supply, but the situation is becoming critical and no reserve is available in case of mechanical problems with a well.

In the 1960 water study, it was predicted that 1969 peak day use would be 30 mgd based on a population estimate of 39,500. The actual peak day was 39.2 mgd for a population of 38,000. The average per capita consumption has increased by about 3 percent per year, compared to an estimate of 1 percent per year (the national average). Industrial use during the summer is relatively light (0.75 mgd for July 1968 combined use for 16 of the major industrial users), so the increase appears to be in residential use, increased use for park and school yard sprinkling, and increased air conditioning use.

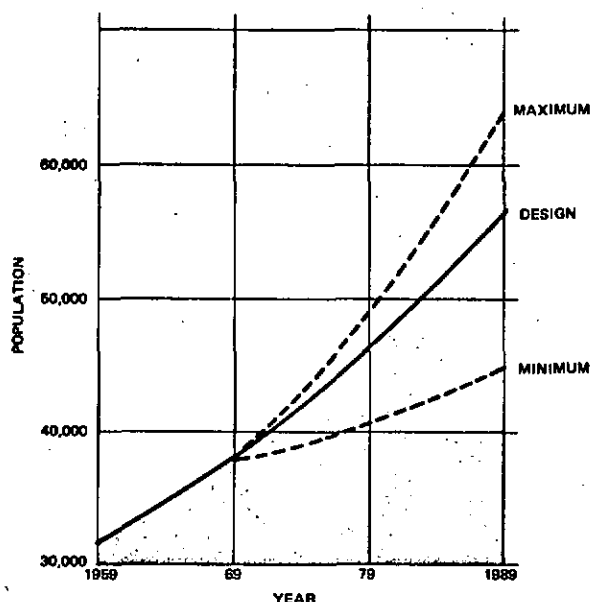


FIGURE 2

POPULATION PROJECTION

PROJECTIONS

New water use projections were made in the course of this study to take into account drastic changes in per capita consumption, and recent population projections. These projections are shown on Figure 2. The probable range of rate of growth is expected to be between 1.0 and 2.5-percent per year, reaching 45,000 to 64,000 by 1989. The most probable growth rate is expected to be about 2 percent per year, reaching 56,400 by 1989.

Water use projections are shown on Figure 3. These projections are on the basis of a 2-1/2 percent per year increase in per capita consumption for various population growth rates as noted above.

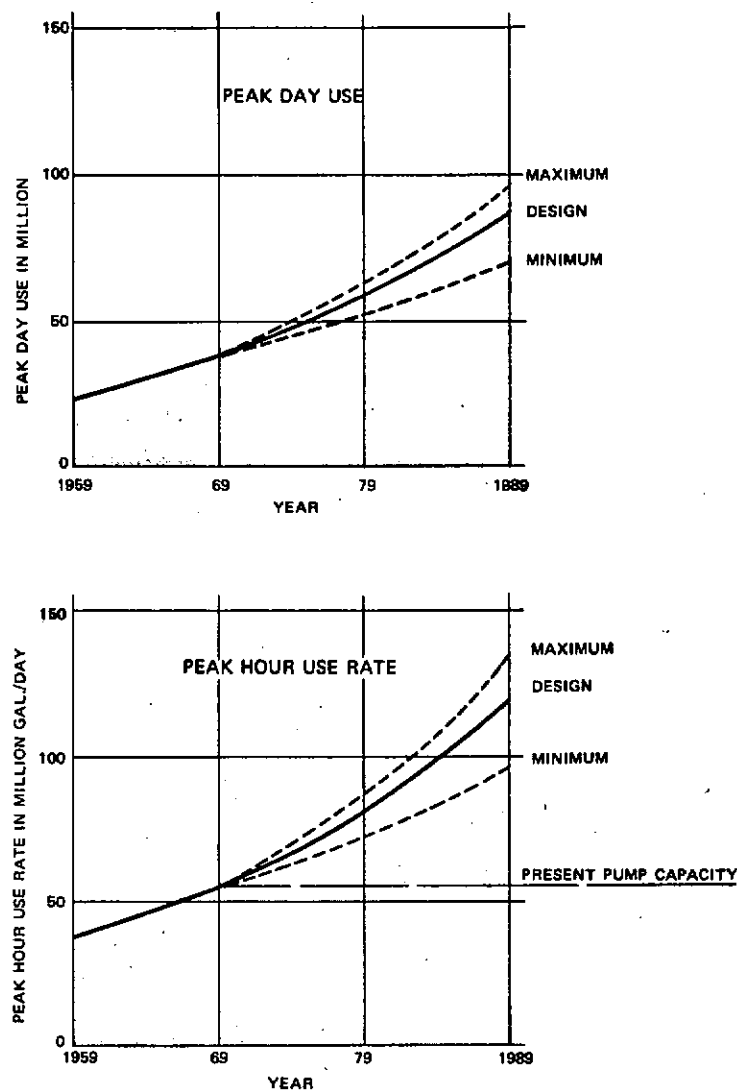


FIGURE 3

WATER USE PROJECTIONS FOR UNMETERED SYSTEM

These projections indicate that if the system remains unmetered, the City should plan to increase well capacity from 54 mgd at present to 120 mgd by 1989. Because of budgetary problems, it is anticipated that the increased supply will have to be added incrementally at an average rate of about 3.3 mgd (2,300 gpm) per year.

If individual customer meters were installed, peak use rates could be expected to be reduced by at least 20 percent and average use rates by about 35 percent. Table 1 shows system design factors for the period 1969 to 1989, based on the foregoing.

FIRE SUPPLY

The fire flow requirement for the Central Business District to meet the standards of the American Insurance Association is 9 mgd at present, and is expected to increase to 10 mgd for the period 1979 to 1989. The system must be able to pump fire flow, plus average system demand for the peak five days with the two most important pumping units out of service if deficiency points are to be avoided. Table 2 shows total fire plus domestic flow required compared to peak hour demand. It is apparent that a system designed to meet the peak hour requirements will be adequate for fire with the two major pumping units out of service.

TABLE 1
SYSTEM DESIGN FACTORS

	1969	1979	1989
ESTIMATED POPULATION	38,000	46,200	56,400
ESTIMATED NO. CONNECTIONS	11,808	14,400	17,600
ESTIMATED SERVICE AREA, ACRES	5,377	6,550	8,000
UNMETERED SYSTEM USE			
AVERAGE ANNUAL USE, MGD	16.2	24.5	36.0
PEAK DAY USE, MGD	39.2	59.2	87.0
PEAK HOUR USE, MGD	54.0	81.5	120
METERED SYSTEM USE			
AVERAGE ANNUAL USE, MGD	10.5	15.9	23.4
PEAK DAY USE, MGD	25.0	38.0	58.0
PEAK HOUR USE, MGD	43.0	65.0	96.0

TABLE 2
FIRE FLOW REQUIREMENTS

YEAR	ESTIMATED POPULATION	FIRE MGD	AVERAGE PEAK 5 DAYS MGD	FIRE + AVERAGE MGD	PEAK HOUR MGD
					UNMETERED
1969	38,000	9	32	41	54.0
1979	46,200	10	48.5	58.5	81.5
1989	56,400	10	71.5	81.5	120

CHAPTER VII

CONCLUSIONS AND RECOMMENDATIONS

CONCLUSIONS

Major conclusions of this study are as follows:

1. The Idaho Falls water system now serves some 11,800 residential, commercial and industrial users in an area of 5,400 acres with a population estimated at 38,000.

2. Peak day water use in 1969 was 39.2 mgd. Use rate during the peak demand period of that day was equal to the present well capacity of 54 mgd. Present policy to encourage night watering by large users appears to be relatively effective. The policy must be continued and enforced. Consideration should be given to a cost break for large users for water used during off peak hours to further encourage it.

3. Per capita consumption of water has risen by 3 percent per year in Idaho Falls since 1960. This is three times the national average. If this rate of increase continues, it may be necessary to reevaluate the economics of customer meters. The City should meter all large users including schools, parks and acreages with sprinkler systems. Use of cooling towers for large downtown air conditioning systems should be made mandatory. Dumping of condenser cooling water into the sewer system should be prohibited in order to decrease the load on the water, sewer and sewage treatment systems.

4. Total population is expected to increase to over 56,000 in the next 20 years.

5. Well capacity will have to be increased from 54 mgd at present to an estimated 120 mgd by 1989, assuming that the system is left unmetered.

6. Wells 6 and 7, combined, cost an estimated \$1,630 per year more for pumping power than other wells in the system due to excessive drawdown. They also cost an estimated \$2,110 per year more to operate than other wells in the system for a given quantity of water because of small size. If Wells 6 and 7 were abandoned, the cost savings would amortize an investment of \$51,000. An equivalent share of a new, larger well would cost about \$97,000. Abandoning Wells 6 and 7 cannot be justified on the basis of increased economy.

7. Needed equipment replacements and correction of an overflow problem at Well 3 would cost an estimated \$56,500.

8. Replacement of motor starters at Well 6 to allow full automation, including remote automatic starting and stopping, would cost an estimated \$15,700. Well 7 could be automated at little cost.

9. Four alternative plans are presented herein for elimination of a sand/silt pumping problem at Well 8. Comparative costs are \$132,000 if the present station is abandoned in favor of an equivalent share of a new station, \$34,000 if a new well can be developed adjacent to the existing well, \$5,100 to \$36,000 for redevelopment of the existing well, or \$5,500 for installation of an automatic waste system.

In addition to the work noted above, a new well pump, motor and starter is required at Well 8, and the adjacent house and lot should be purchased to eliminate a noise problem. Cost would be \$51,800.

If cost were no object, we would recommend abandoning the present facility. In looking at the cost of all work needed, however, it is obvious that cost is a factor, and we recommend that the City assume the risk involved and develop a new well adjacent to the existing well.

10. Modification of the piping and thrust ties on Wells 9 and 10 and duplication of relays in the control systems for all pumps is recommended. Addition of conventional check valves is not considered necessary from an engineering standpoint but may be desirable to improve operator confidence. Cost would be about \$5,000.

11. Future wells should be as large as possible to keep the number of wells within manageable limits. Typical pump station construction should consist of one 3,300 gpm well and booster pump with provisions for a second 3,300 gpm well and booster pump where possible. Estimated costs for a 6,600 gpm system are \$400,000.

12. Wells should be located approximately as shown on Figure 8. The next well should be located on Lewisville Highway north of the City.

13. Emergency standby power would be desirable and could be provided on 19 mgd of new supplies at an estimated cost of \$195,000.

14. Provision of peaking storage in the hills east of Ammon does not appear feasible at this time.

15. Expansion and modification of the present well control system to provide automatic starting and stopping of wells would be feasible and desirable at this time. Other desirable features would be a display at central control of pressure, flow and other conditions at each well, and a high water alarm system for all sewage lift stations. The estimated cost of such a system is \$85,000.

16. An updated supply main grid is shown on Figure 8. About 6.2 miles of Priority 1 supply mains, which would cost an estimated \$553,000 are shown.

17. The water system construction program is running behind demands on the system. The needed construction is of such magnitude that a revenue bond issue is desirable. This bond issue could be combined with the bond issue for the proposed secondary sewage treatment plant. A water rate increase may be necessary to finance the needed improvements and offset the drastic inflation in cost of new construction and operation of the existing system, but a financial analysis is needed to make this decision.

RECOMMENDATIONS

On the basis of the foregoing study, it is recommended that the City take the following steps:

1. Make a policy decision on choice of alternatives for correction of the silt problem at Well 8.
2. Authorize drilling of Well 12 as soon as possible.
3. Authorize a financing study to determine a suitable construction schedule, set the amount of a bond issue if required, and review need for increasing water rates. Investigate availability of federal aid.
4. Meter all large users. Consider giving a rate break for off peak use. Prohibit dumping of condenser cooling water from air conditioners into the sewer system.
5. Based on results of the financing study, set the construction program, authorize a bond election, and proceed with preparation of detailed plans for implementing the proposed construction program.

January 24, 1972

Mr. A. H. Evans
Administrative Assistant
City of Idaho Falls,
Idaho Falls, ID 83401

Dear Mr. Evans:

Your application for permit to appropriate 7.35 c.f.s. has been forwarded to this office for processing. In reviewing this application, I note that there is some additional information required before we can properly advertise and process the application.

First, we need to have the place of use listed by the nearest 40-acre subdivision. This should be done for each 40-acre subdivision in which the water will be used. If you would list these locations on a separate sheet of paper that could be appended to your application, I would appreciate it.

Secondly, we need data establishing the need for the addition of water; information such as the increase in population, increase in industrial use, etc., since your last permit will be of value to us in evaluating your application.

Please provide us with this information as soon as possible so that we may continue processing your application. We will hold your application until we receive such information.

If you have any questions, please do not hesitate to contact this office.

Very truly yours,

NORMAN C. YOUNG
District Engineer

NCY:bj

25 7022

January 19, 1972

City of Idaho Falls
Box 220
Idaho Falls, Idaho 83401

Gentlemen:

Attached herewith is your receipt No. 8713 in the amount of \$ 95 00
for your application for permit
which was received in this office.

Very truly yours,

M. RUSSELL BOSCH
Administrative Assistant

MRB:ejw

Enclosure: Receipt

25 7022

CITY OF IDAHO FALLS

P.O. BOX 220

IDAHO FALLS, IDAHO 83401

OFFICE OF: Donald F. Lloyd, P. E.

January 11, 1972

Mr. Keith Higginson
Idaho Department of Water Administration
Statehouse - Annex #2
Boise, Idaho 83707

Dear Mr. Higginson:

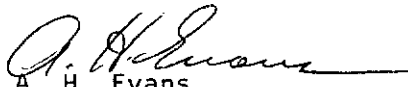
Enclosed you will please find an Application for Permit To Appropriate the Public Waters of the State of Idaho, and a warrant in the amount of \$95.00. Also enclosed is a claim which must be signed and returned to this office.

This Permit is to cover Well No. 12 in the City of Idaho Falls which we plan to have ready for bidding within the next month or two.

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

Very truly yours,

Donald F. Lloyd, P. E.
Director of Public Works


A. H. Evans
Adm. Assistant

AHE:bp

Enclosures

MAIL CERTIFIED INVOICE TO:

CONTROLLERS OFFICE
P. O. BOX 220
IDAHO FALLS, IDAHO

City of Idaho Falls, Idaho

PURCHASE ORDER

No. **47903**

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CITY OF IDAHO FALLS

IDAHO FALLS, IDAHO

Idaho Department of Water Admin.
Statehouse - Annex #2
Boise, Idaho 83707

☐ CONFIRMING ☒ NON CONFIRMING

REQ. NO. **38502** **Water**

DATE **January 11, 1972**

☐ F.O.B. IDAHO FALLS ☒ OTHER

☐ TERMS: 2% 10th PROX. ☐ OTHER

DELIVERY DATE

SERVICE CONTRACT NO.

QUANTITY		DESCRIPTION	ACCOUNT	PRICE	UNIT	AMOUNT
RECEIVED	ORDERED					
		Fee for Application for Permit to appropriate underground waters of the State of Idaho	WR 902			95.00
		Idaho Sales Tax Exempt No. <u>24045-99-33</u>				

Signed _____

BY *W. J. Shon*
CITY OF IDAHO FALLS
PURCHASING AGENT

1. MAIL INVOICE AT TIME OF SHIPMENT. INVOICES RECEIVED AFTER 25TH OF MONTH WILL BE INCLUDED IN FOLLOWING MONTHS BUSINESS.
2. MAIL A SEPARATE INVOICE FOR EACH SHIPMENT AGAINST THIS PURCHASE ORDER IF PARTIAL SHIPMENTS ARE MADE.
3. ALL PACKAGES, INVOICES AND BILLS OF LADING MUST SHOW THE ABOVE PURCHASE ORDER NUMBER.
4. PLEASE ACKNOWLEDGE RECEIPT OF THIS PURCHASE ORDER BY RETURN MAIL; AND IF NOT ACCEPTED AS WRITTEN, ADVISE AT ONCE, WITH EXPLANATION; ALSO GIVE SHIPPING DATE.
5. BE SURE TO ENCLOSE DELIVERY OR PACKING LIST WITH EACH SHIPMENT.
6. MAIL BILL OF LADING AT TIME OF SHIPMENT SHOWING THE ABOVE ORDER NUMBER AND COMPLETE ROUTING.

ORIGINAL

25 7022

CONDITIONS OF PURCHASE UNLESS OTHERWISE SPECIFIED

Goods subject to our inspection and approval on arrival, notwithstanding prior payment to obtain cash discount.

Goods rejected on account of inferior quality or workmanship will be returned to you with charge for transportation both ways, plus labor reloading, trucking, etc., and may not be replaced except upon receipt of written instructions from us.

Seller guarantees and agrees that the goods, wares, and merchandise to be furnished hereunder, will not infringe any patents or trade-marks, and that Seller will at Seller's own expense, defend any and all actions or suits alleging such infringement and will save us, our associates and affiliates, and those for whom we may act as agents in the purchase of said goods, wares and merchandise, harmless in cases of such infringement.

Your acceptance of this order constitutes an agreement on your part, guaranteeing that all materials furnished pursuant to this order will strictly comply in every respect with all Federal laws and all State laws and regulations of all Cities and Counties, and that you will defend this City against all actions and proceedings and will indemnify it against all costs, fines, judgments, damages, and legal expenses incurred by reason of the violation of such laws and ordinances or against any action brought by any person for injury, illness or death caused by or resulting from the equipment or materials being defective in any respect.

All specifications, drawings, technical information or data furnished by the Buyer to the Seller hereunder shall be used only in the manufacture of material furnished to the Buyer.

It is mutually agreed that time shall be of the essence of this order.

The Buyer shall not be bound by any provisions at variance with this Purchase Order inserted by the Seller on the attached Acknowledgment Copy or appearing on any other acknowledgment form, unless agreed to in writing by the Buyer.

Prices for the items hereunder shall include State, Local Sales and Use Taxes, where applicable.

By accepting this order the Seller warrants that the material to be furnished hereunder will be in full conformity with the specifications, drawings or samples, and agrees that this warranty shall survive acceptance of and payment for the material. The Buyer in addition to other rights may accept a part of any shipment which fulfills the specifications and reject the balance. Rejected material shall be returnable to the Seller for full credit at the price charged, plus transportation charges. The Buyer may have rejected material replaced by the Seller or not at the Buyer's option and at the purchase price stipulated in the order. If this order covers materials that are required by law to be packaged, labeled or registered in a prescribed manner (e.g. - foods, combustibles, drugs, fabrics and others), the Seller hereby warrants that shipments to the Buyer will be in compliance with the Federal law irrespective of whether the Seller's shipment to the Buyer is interstate or intrastate and the applicable state law.

The Seller shall not without the Buyer's consent assign this order in whole or in part with respect to work to be done. No assignment of accounts receivable under this order shall preclude the Seller from negotiating directly with the Buyer amendments to or settlements of this order or impose on the Buyer any obligation toward the assignee other than for the payment of money due.

The Buyer may terminate work under this order in whole or in part at any time by written or telegraphic notice and thereupon the Seller shall as and to the extent directed by the Buyer stop work under this order. As compensation to the Seller for such termination, the Buyer shall pay to the Seller the contract price for all articles or services completed in accordance with this order plus (1) the actual costs incurred by the Seller and properly allocable to the terminated portion of this order less the disposal value of work in process and unused materials, if any, included in such costs, and (2) a percentage of such costs (before crediting said disposal value), such percentage to be equal to the profit factor (percentage) included in the contract price.

Seller certifies and warrants that the product furnished under this purchase order contains no food additive, as defined by the food additive amendment to the Federal Food Drug and Cosmetic Act or, if it contains such food additive, that such additive has been approved by the F.D.A. for use in foods. The date of such F.D.A. approval was _____

RECEIVED

25-7022

25-7022