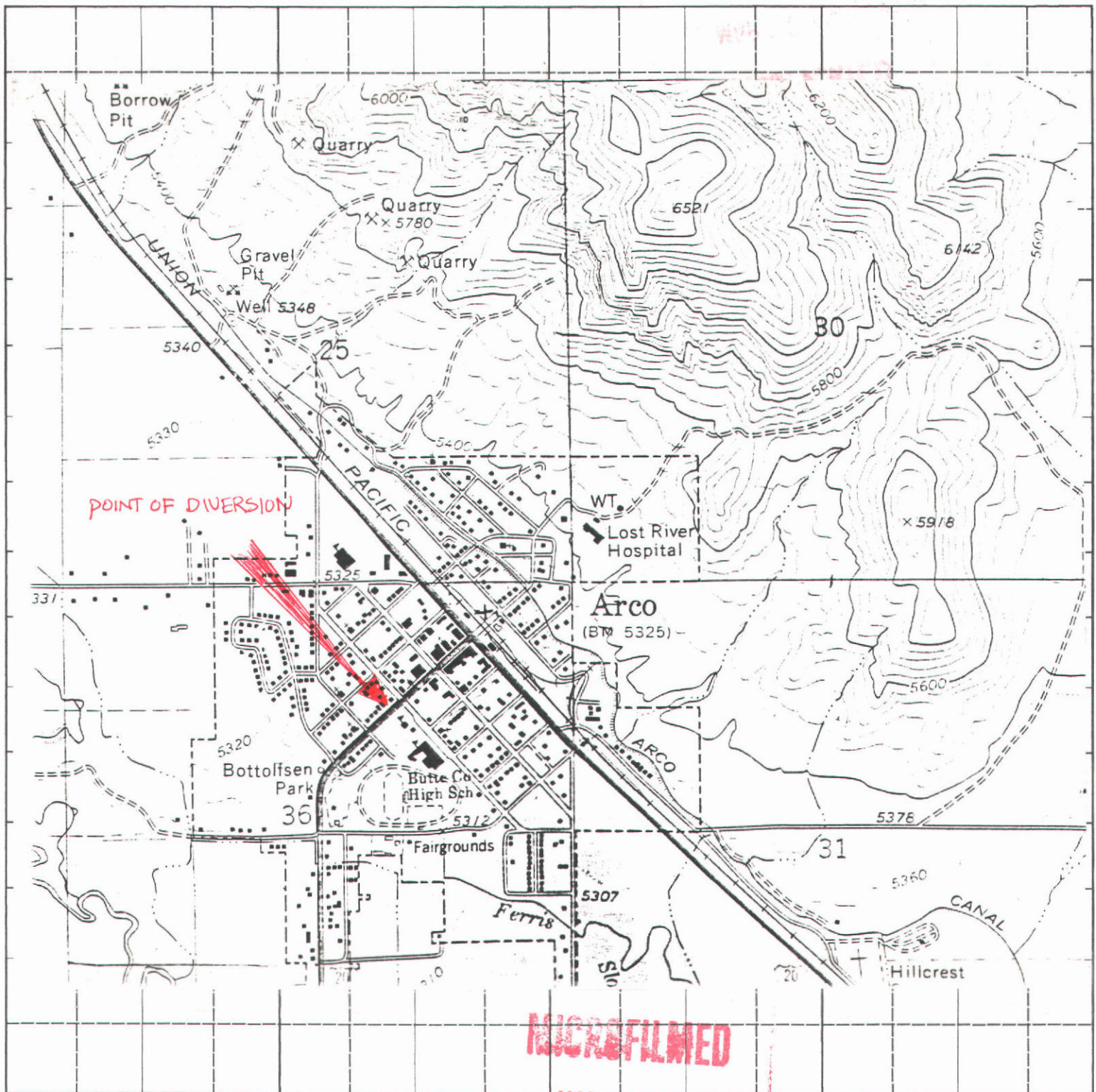


13. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



Scale-2 inches equal 1 mile.

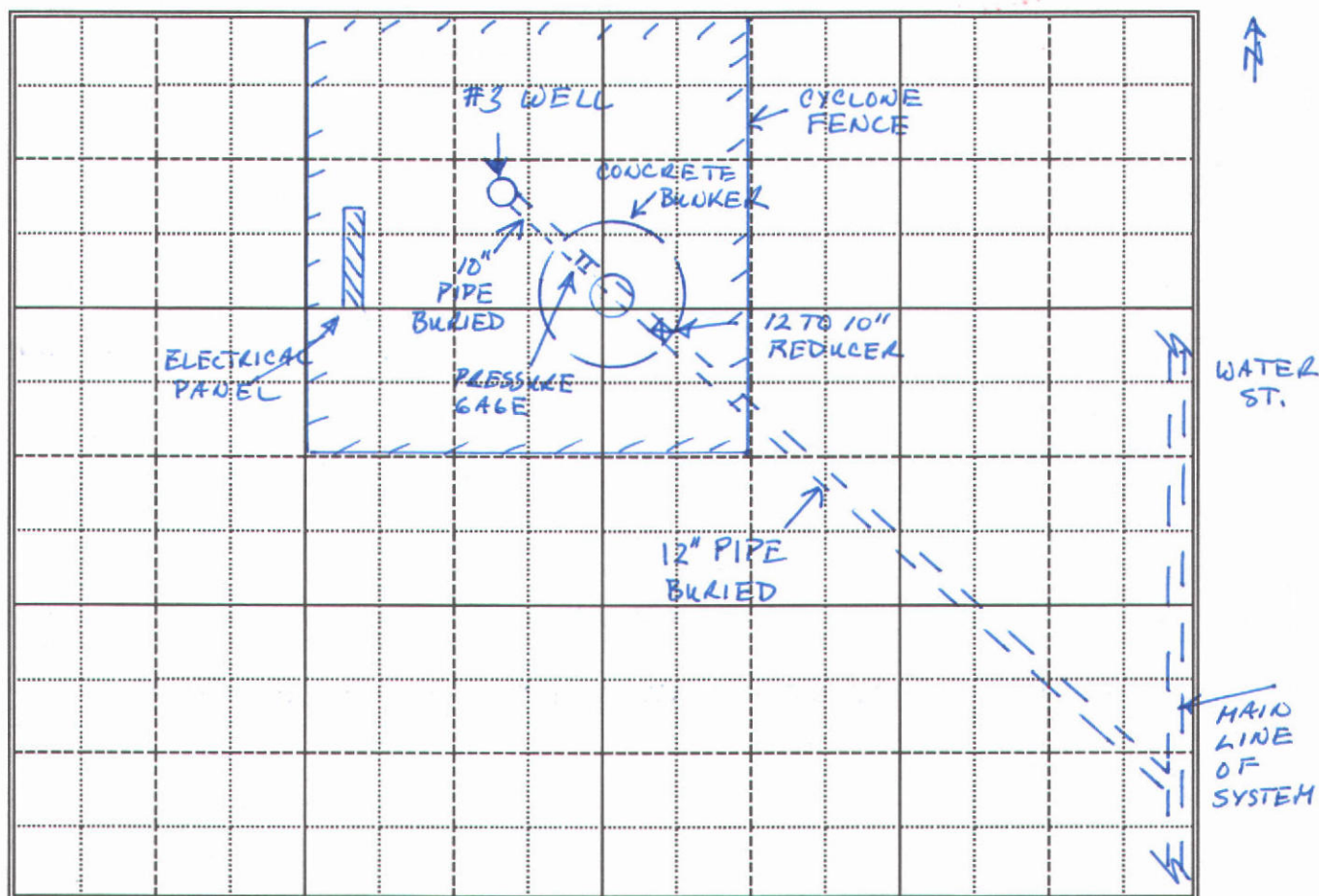
BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

MAYOR CITY OF ARCO

Billy J. McMurtry
(Applicant)

MAR 18 1991

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.



Scale: 1" = _____

GRAND AVE

____ Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

____ Aerial Photo Attached (required for irrigation of 10+ acres)

____ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
#3		200	8H1000	CROWN	10" DISCHARGE

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

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
FLOW METER	FLUID	ROCKWELL				

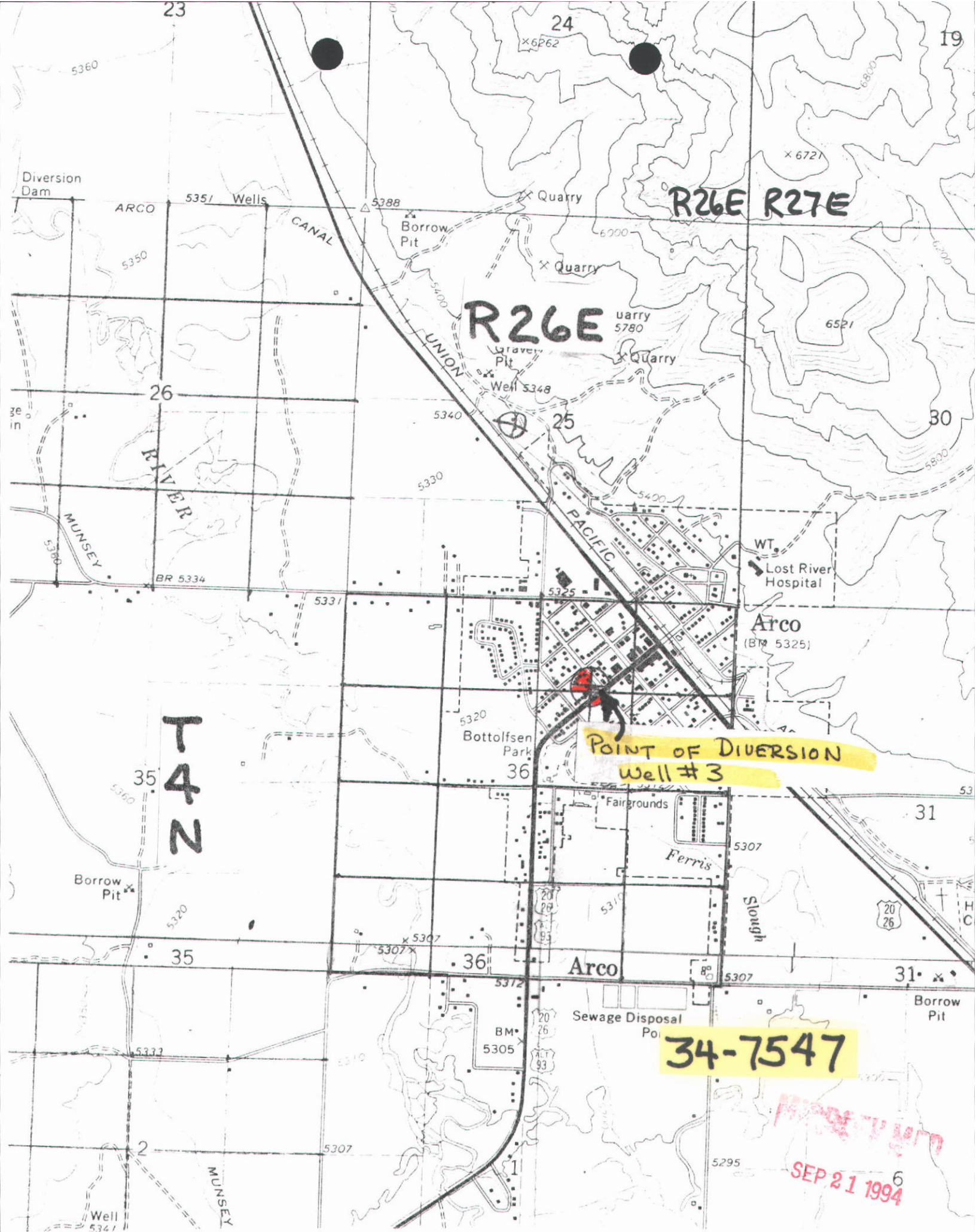
2. Measurements: PUMPING AGAINST AN 80 PSI SYSTEM

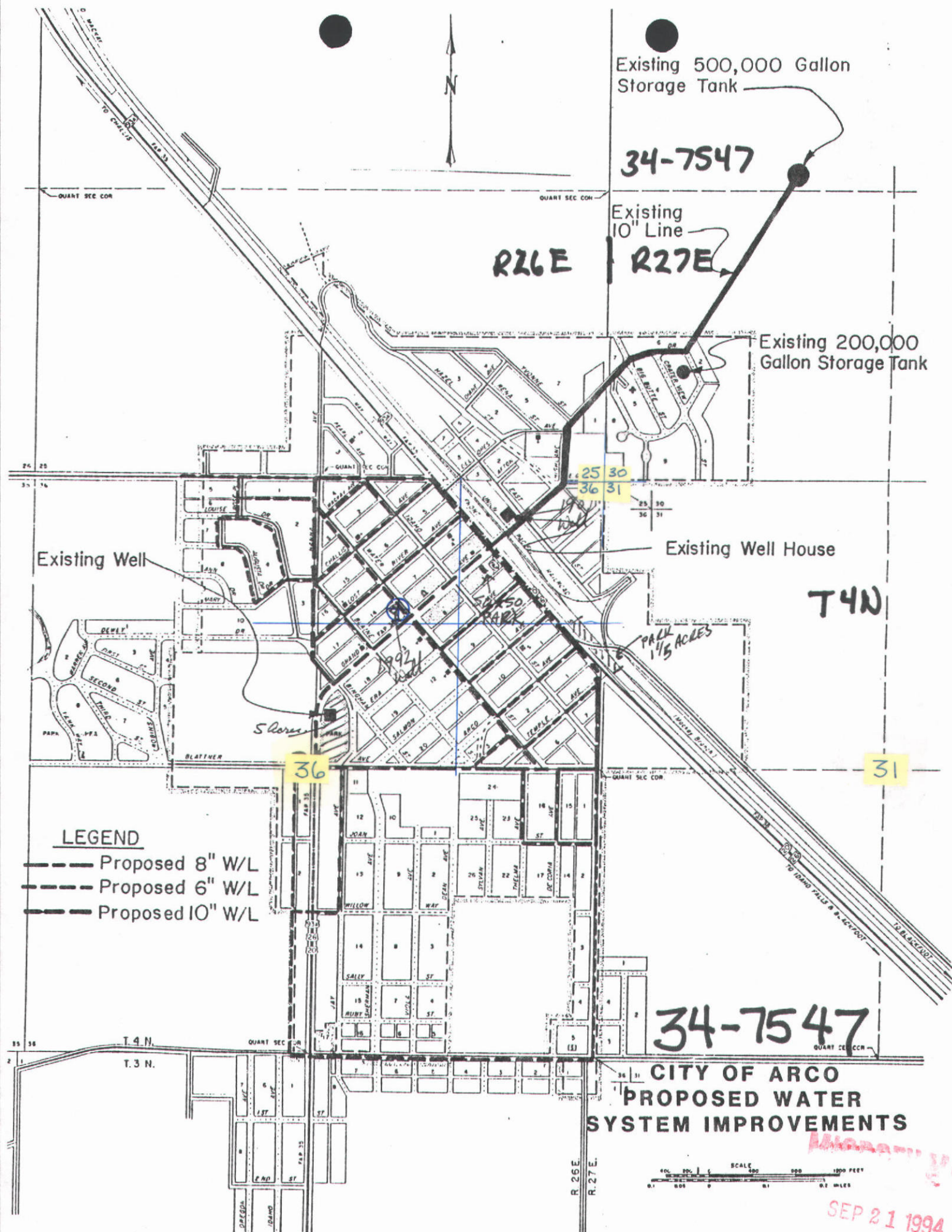
PUMP DEPTH 550' STATIC WATER 520'

DYNAMIC PUMPING DEPTH 520'

JML

SEP 21 1994





LEGEND

- Proposed 8" W/L
- Proposed 6" W/L
- Proposed 10" W/L

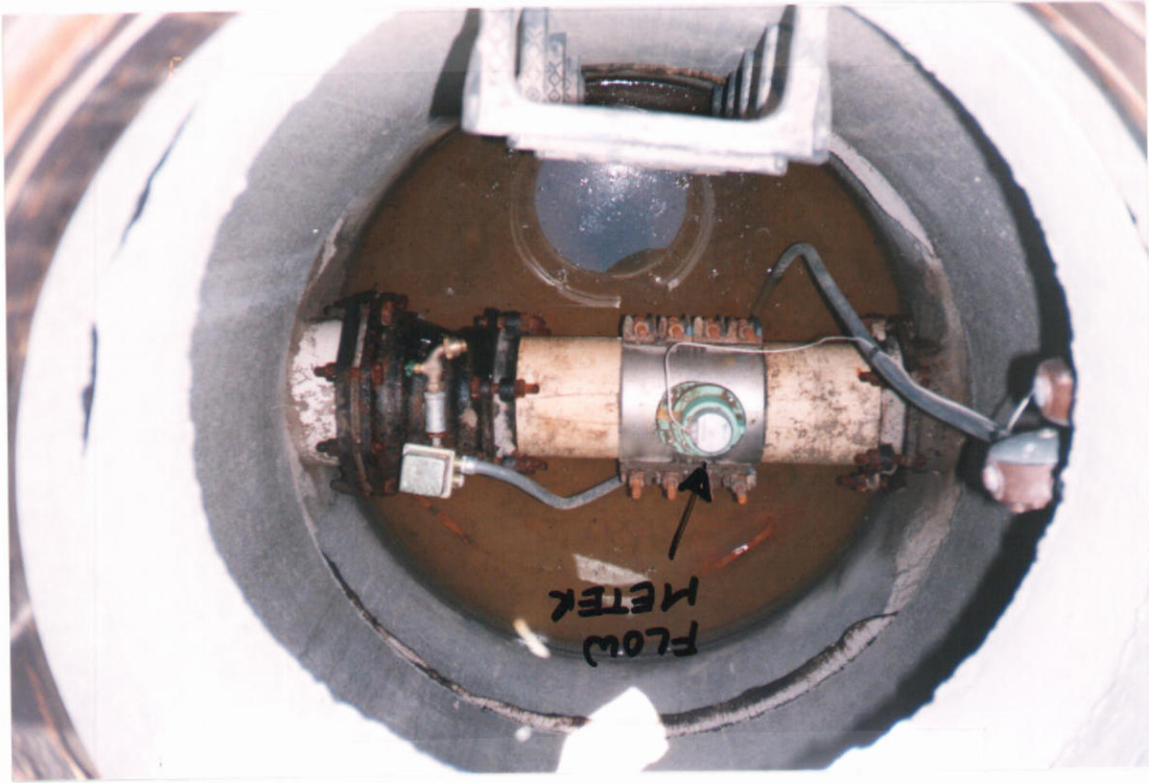
**CITY OF ARCO
PROPOSED WATER
SYSTEM IMPROVEMENTS**



SEP 21 1994

SEP 21 1994

34-7547



70
CITY
SYSTEM

CITY OF ALGA
WELL #3

AFFIDAVIT OF PUBLICATION

I, Colleen Babcock
of the Arco Advertiser, a weekly newspaper of
general circulation, published weekly at Arco, Idaho,
since March, 1909, do solemnly swear that a copy of
this notice, per clipping attached, was published
weekly in the regular and entire issue of said
newspaper, and not in any supplement thereof,

for 2 consecutive weeks, commencing with

the issue dated Dec. 20, 1990

and ending with the issue dated

Dec. 27, 1990
Colleen Babcock

STATE OF IDAHO

COUNTY OF BUTTE

On this 27 day of December

in the year of 1990, before me, a Notary Public,

personally appeared

Colleen Babcock

known or identified to me to be the person whose
name subscribed to the within instrument, and being
by me first duly sworn, declared that the statements
therein are true, and acknowledged to me that he
executed the same.

Thomas D. Curran
Notary Public for Idaho

Residing at Arco, ID

My commission expires: 12-17-91

NOTICE OF APPLICATION
FOR WATER RIGHT

34-07547

CITY OF ARCO

P.O. BOX 196

ARCO, ID 83213

Source: GROUNDWATER

Diversion Pt: NWNE Sec 36 T 04N R

26E

Use: MUNICIPAL (3,000 CFS)

Total Diversion: (3,000 CFS)

Date Filed: 10/25/1990

In: T04N R26E S25 SWSE SESE; S36
NENE NWNE SWNE SENE.

The permit will be subject to all prior
water rights. Protests may be submitted
based on the criteria of Sec. 42-203A,
Idaho Code and/or the new public inter-
est criteria of Sec. 42-203C, Idaho Code.
Protests must be filed with the Director,
Dept. of Water Resources, 150 Shoup
Ave., Suite 15, Idaho Falls, Idaho 83402
on or before JANUARY 7, 1991.

R. KEITH HIGGINSON

Director

Published 12/20/1990 & 12/27/1990

RECEIVED

DEC 31 1990

Department of Water Resources
Eastern District Office

MICROFILMED

MAR 18 1991

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 34-07547

Priority: October 25, 1990 Maximum Diversion Rate: 1.81 CFS

This is to certify, that CITY OF ARCO
PO BOX 196
ARCO ID 83213

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated October 25, 1990; and has submitted Proof of Beneficial Use on November 2, 1992. An examination indicates that the works have a diversion capacity of 1.810 cfs of water from a GROUNDWATER source, and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
MUNICIPAL	01/01 to 12/31	1.81 CFS	

LOCATION OF POINT(S) OF DIVERSION: NWNE , Sec. 36, Township 04N, Range 26E
BUTTE County

PLACE OF USE: See Remarks

CONDITIONS/REMARKS:

1. This water right is appurtenant to the described place of use.
2. This right is subject to all prior water rights and may be forfeited by five years of non-use.
3. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
4. This right is for the use of trust water and is subject to review 20 years after the issuance of the permit to determine availability of water and to re-evaluate the public interest.
5. Diversion and use of water under this right is subject to an annual use fee if rules are subsequently promulgated which provide for the submittal of the fee.
6. The Director retains jurisdiction of the right issued to change, add or remove any requirement as determined to be appropriate.
7. Place of use is located within the city limits of Arco.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code. Witness the seal and signature of the Director, affixed at Boise, this 6TH day of SEPTEMBER, 1994.

Acting for: Keith Higginson, Director

SEP 21 1994

RECEIVED

NOV 02 1992

OFFICE USE ONLY

Amt. of Fee \$ 150.00

Date 11-2-92

Receipt No. 025897

Receipt by [Signature]

RECEIVED

OCT 07 1992

Department of Water Resources

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Department

Resources

PROOF OF BENEFICIAL USE

The Idaho Department of Water Resources considers this form a statement that the permit holder(s) has/have completed all development that will occur under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below. This form must be accompanied by a license examination fee, when necessary, or a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

1. Permit No. 34-07547 Telephone No. (208) 527-8294
2. Name(s) of Permit Holder(s): CITY OF ARCO
3. Mailing Address: P.O. Box 196 ARCO ID 83213
4. Source of Water: GROUND WATER

If GROUNDWATER, Well Driller's Name: High Plains Drilling Date Drilled: June-July 1992

Ref. by: MARCUS FRANKSON

OPTIONAL:

Pump horsepower: 200 Pressure (psi): 70 Dynamic pumping level (ft.): 550

5. Extent of Use (as authorized by the permit):

Domestic 500 (No. of households) Stockwater _____ (No. and type of stock)

Irrigation _____ (No. of acres) Other CITY OF ARCO - municipal

6. Total rate and/or volume for which proof is submitted 3 cfs OR _____ acre/feet

7. Refer to the approval conditions on your permit and respond accordingly:

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

OR

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

8. Fee Enclosed: \$ 150.00 (See License Fee Schedule on back of Instruction Sheet)

9. Person to contact to accompany the Department representative during field examination of the water system.

CHARLIE GRAY 527-8294
Name Telephone No

P.O. Box 196 ARCO ID 83213
Address

10. The above information is my true statement of the extent to which the above numbered permit has been developed and I relinquish any undeveloped portion of the permit to the state of Idaho.

10-2-92
Date

[Signature] Mayor
Signature (and title, if on behalf of a company or organization)

NOV 17 1992

RECEIVED
MAR 2 1992

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

For Office Use Only
\$15 FEE Received by [Signature]
Date 3-2-92
Receipt # C023385

Department of Water Resources

REQUEST FOR EXTENSION OF TIME

**TO PROVIDE ADDITIONAL TIME IN WHICH TO SUBMIT PROOF OF
BENEFICIAL USE FOR A WATER RIGHT PERMIT**

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

Permit No. 34-07547

Name(s) of Permit Holder: City of Arco

Post Office Address: P.O. Box 196

Arco, ID 83213

Telephone No. (208) 527-8294

Date Proof is Due: March 1, 1992

Describe what work has been completed toward the development of this water right: _____
(This must be filled out! If no work has been completed, show "none".)

Well has been drilled to a depth of approximately 625 feet. Casing has also been
installed.

Costing \$ 100,000

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

It has been difficult to locate a water aquifer that will provide sufficient quantity.

The well depth has been deeper than anticipated. Therefore, more time is required to
construct well to an adequate depth.

Permit holder(s) request an extension to March 1, 1993.
(1 yr. minimum)

Billy J. M. Martey
(Signature)*

FEE: \$15.00

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

ACTION OF THE DEPARTMENT OF WATER RESOURCES

MAR 05 1992

IT IS HEREBY ORDERED that the above request for extension of time be APPROVED
and the time within which to submit proof of beneficial use is extended to
March 1, 1993.

Signed this 3rd day of March, 19 92.

[Signature]
Chief, Water Allocation Bureau

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 34-07547

Proposed Priority: October 25, 1990 Maximum Diversion Rate: 3.00 CFS
This is to certify, that CITY OF ARCO
P.O. BOX 196
ARCO, ID 83213

has applied for a permit to appropriate water from: GROUNDWATER
and a permit is APPROVED for development of water as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>
MUNICIPAL	01/01 to 12/31	3.00 CFS

LOCATION OF POINT(S) OF DIVERSION: NWNE Sec. 36, Township 04N, Range 26E
BUTTE County

PLACE OF USE: See Remarks

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before March 2, 1992.
2. Subject to all prior water rights.
3. Prior to the diversion of water under this permit a flow measurement port or other device as specified by the Department shall be installed to provide for the installation of measuring equipment and the determination of the rate of diversion by the Department.
4. Any license issued by IDWR pursuant to the permit or portion thereof for the use of trust water is subject to a term review of 20 years after the date of this approval to determine availability of water for the use and to re-evaluate the public interest at the end of the term.
5. Diversion and use of water under this permit is subject to an annual use fee if rules are subsequently promulgated which provide for the submittal of the fee.
6. The Director retains jurisdiction of the permit and/or subsequent license issued to change, add or remove any requirement as determined to be appropriate.
7. Place of use is located within the city limits of Arco.

This permit is issued pursuant to the provisions of Section 42-204, Idaho Code.
Witness the seal and signature of the Director, affixed at Boise, this

8th day of March, 1991.

MICROFILMED

MAR 18 1991

R. Keith Higginson
for R. Keith Higginson, Director

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

Ident No. 34-7547

To appropriate the public waters of the State of Idaho

- 1 Name of applicant CITY OF ARLO, IDAHO Phone 527-8294
Post office address P.O. BOX 196 ARLO, IDAHO 83213
- 2 Source of water supply groundwater well which is a tributary of N/A
3. Location of point of diversion is NW $\frac{1}{4}$ of NE $\frac{1}{4}$ of _____ $\frac{1}{4}$, Govt. Lot _____
Sec 36 Township 4 N Range 26 E B.M. Butte County; additional
points of diversion if any. _____
- 4 Water will be used for the following purposes.
Amount 3.00 for municipal water purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated is (a) 3.00 and/or (b) _____
cubic feet per second acre feet per annum
- 6 Proposed diverting works
a Description of ditches, flumes, pumps, headgates, etc. well

b Height of storage dam N/A feet, active reservoir capacity N/A acre-feet; total
reservoir capacity N/A acre-feet, period of year when water will be diverted to storage:
_____ to _____ inclusive
c Proposed well diameter is 14 inches, proposed depth of well is 300 feet
d Is ground water with a temperature of greater than 90°F being sought? NO
7. Time required for the completion of the works and application for the proposed beneficial use is
1 year years (minimum 1 year).

MICROFILMED

MAR 18 1991

8 Description of proposed uses (if irrigation only, go to item 9)

- a Hydropower, show total feet of head and proposed capacity in KW _____
- b Stockwatering, list number and kind of livestock. _____
- c Municipal, show name of municipality. CITY OF ARCO
- d Domestic, show number of households _____
- e Other; describe fully. _____

9 Description of place of use

- a If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- b If water is used for other purposes, place a symbol of the use (example. D for Domestic) in the corresponding place of use below See instructions for standard symbols.

City of Arco

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
4N	26E	36	M	M	M	M													
4N	26E	25															M	M	

Total number of acres to be irrigated _____

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

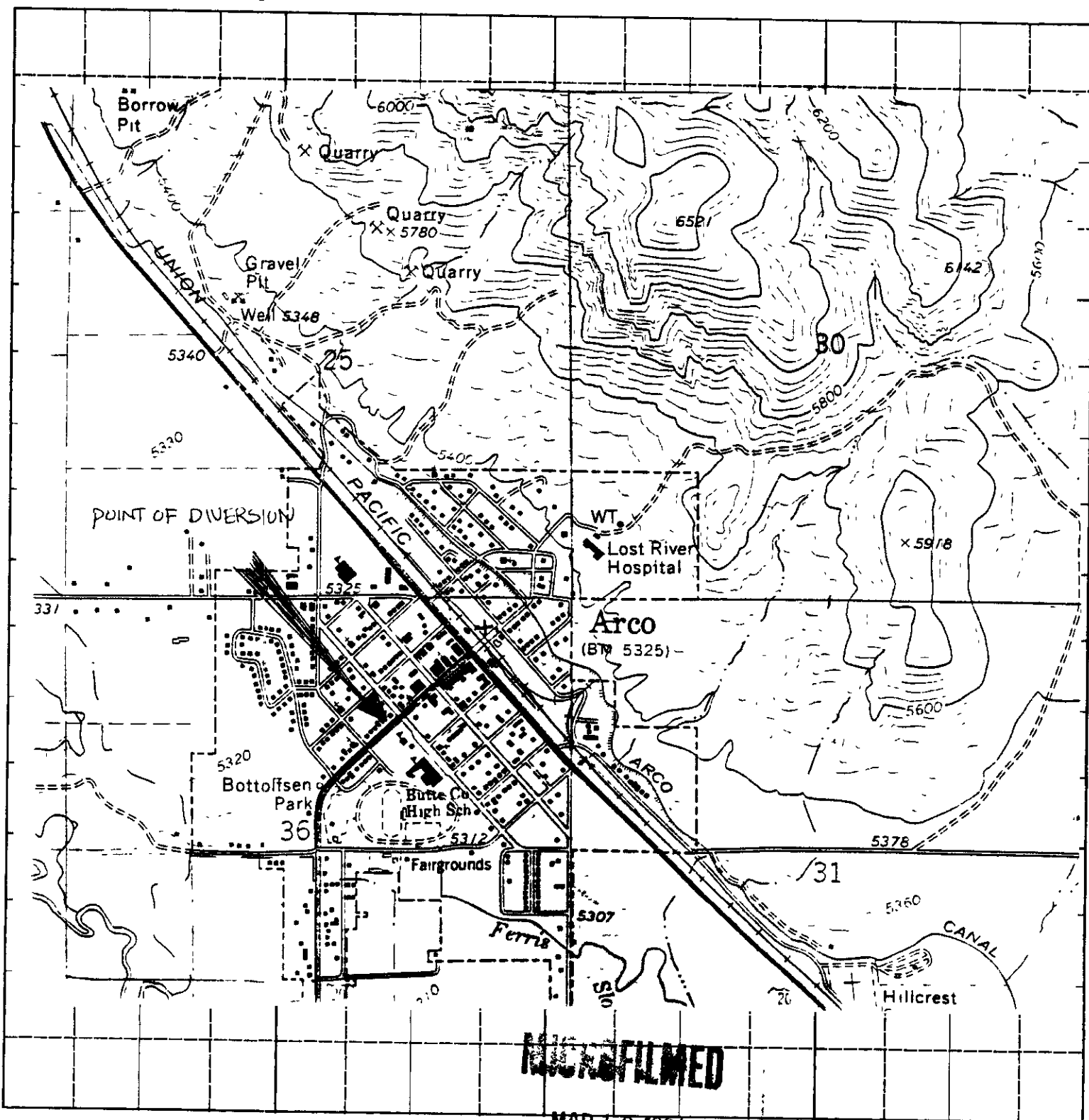
- 11 a Who owns the property at the point of diversion? city of Arco
- b Who owns the land to be irrigated or place of use? city of Arco
- c If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing _____

12 Remarks _____

RECEIVED

MAR 18 1971

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



Scale - 2 inches equal 1 mile

MAR 18 1991

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

MAYOR CITY OF ARCO

Billy J. McMurtry
(Applicant)

Received by CW Date 10-25-90 Time 11:40H Preliminary check by _____
Fee \$ 85.00 Received by HWT # E015371 Date 10-25-90
Publication prepared by PL Date 12-20/29-90 Published in Arco Advertiser
Publication approved (PL) Date 1-11-91

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

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

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

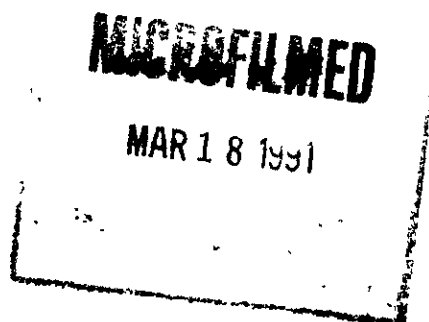
a SUBJECT TO ALL PRIOR WATER RIGHTS.

b. Proof of construction of works and application of water to beneficial use shall be submitted on or before _____, 19 ____.

c. The rate of diversion, if water is to be used for irrigation under this permit, when combined with all other water rights for the same land shall not exceed 0.02 cubic feet per second for each acre of land

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

e. Other.





State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

September 7, 1994

CITY OF ARCO
PO BOX 196
ARCO ID 83213

RE: WATER RIGHT NO. 34-07547

Dear Water Right Holder(s):

Enclosed herewith is a copy of the Water Right License issued on the above referenced permit. If you have any questions, please contact me within 10 days of receipt of this license.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jim Johnson', followed by a horizontal line.

JIM JOHNSON, Manager
Water Right Permits Section

JJ:dc

Enclosure

RECEIVED

SEP 11 1994

LICENS REVIEW CHECKLIST

PERMIT NO. 34-7547 DATE 7-25-94



NAME	Yes ☐	No ☒	Or Address Change?
PRIORITY DATE	☐	☒	Advance? ☐ Advanced to: _____ Order to reinstate needed? _____ Incorrect fee for rate recommended? <u>NO</u>
SOURCE	☐	☒	Changes or just clarification of originally intended source? _____ Notice of Intent to Void necessary? _____
POINT OF DIV	☐	☒	Amendment needed? _____ Overlaps? _____
PLACE OF USE	☒	☒	Amendment needed? _____ Overlaps? _____
DIV RATE	☐	☐	Measurement Q = <u>1.81</u> Theoretical Q = <u>1.68</u> (<u>Electrical panel reading</u>) Capacity: <u>1.81</u> Combined rates exceed capacity _____ Permit/fee limits: <u>3.0</u> Allowable: <u>1.81</u>
ANNUAL VOLUME	☐	☐	Season of use: _____ Calculations: _____ Flow limit: _____ cfs x _____ x 1.9835 = _____ Combined volumes exceed capacity/allowable _____
USES	☐	☐	Change in Nature of Use or additional uses? _____ Amendment necessary? _____
REMARKS	☒	☐	Multiple p/d(s) in ¼ ¼? _____ Other <u>Well #3</u>
CONDITIONS	☐	☒	Measuring/Locking Devices _____ Watermaster control - District _____ Irrigation Overlap _____ Water Quality _____ Other <u>Trust CONDITIONS R55,56,57</u>
COMMENTS:	<u>Reduce rate to capacity.</u>		

RECOMMENDED	CFS	VOLUME	LICENSE ☒
<u>Municipal</u>	<u>1.81</u>	<u> </u>	
<u> </u>	<u> </u>	<u> </u>	1ST AMENDMENT LETTER <u> </u>
<u> </u>	<u> </u>	<u> </u>	FINAL AMENDMENT LETTER <u> </u>



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
APR 28 1994
Department of Water Resources

A. GENERAL INFORMATION

Permit No. 34-7547

1. Owner: CITY OF ARCO Phone No. 527-8294

Current Address: P.O. BOX 196, ARCO, IDAHO 83213

2. Accompanied by: CHARLES GRAY EXAM DATE: 8/9/93

Address: SAME AS ABOVE Phone No. 527-8294

Relationship to Permit Holder: CITY MAINTENANCE SUPERVISOR

3. Source: GROUNDWATER tributary to N/A

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 34-07454, -04080, -07414

2. Other water rights with the same point of diversion: NA

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

Ident No.	Gov't Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
		SE	NW	NE	36	4N	26E	BUTTE	ASCS ORTHO QUAD PHOTO

2. Place(s) of Use:

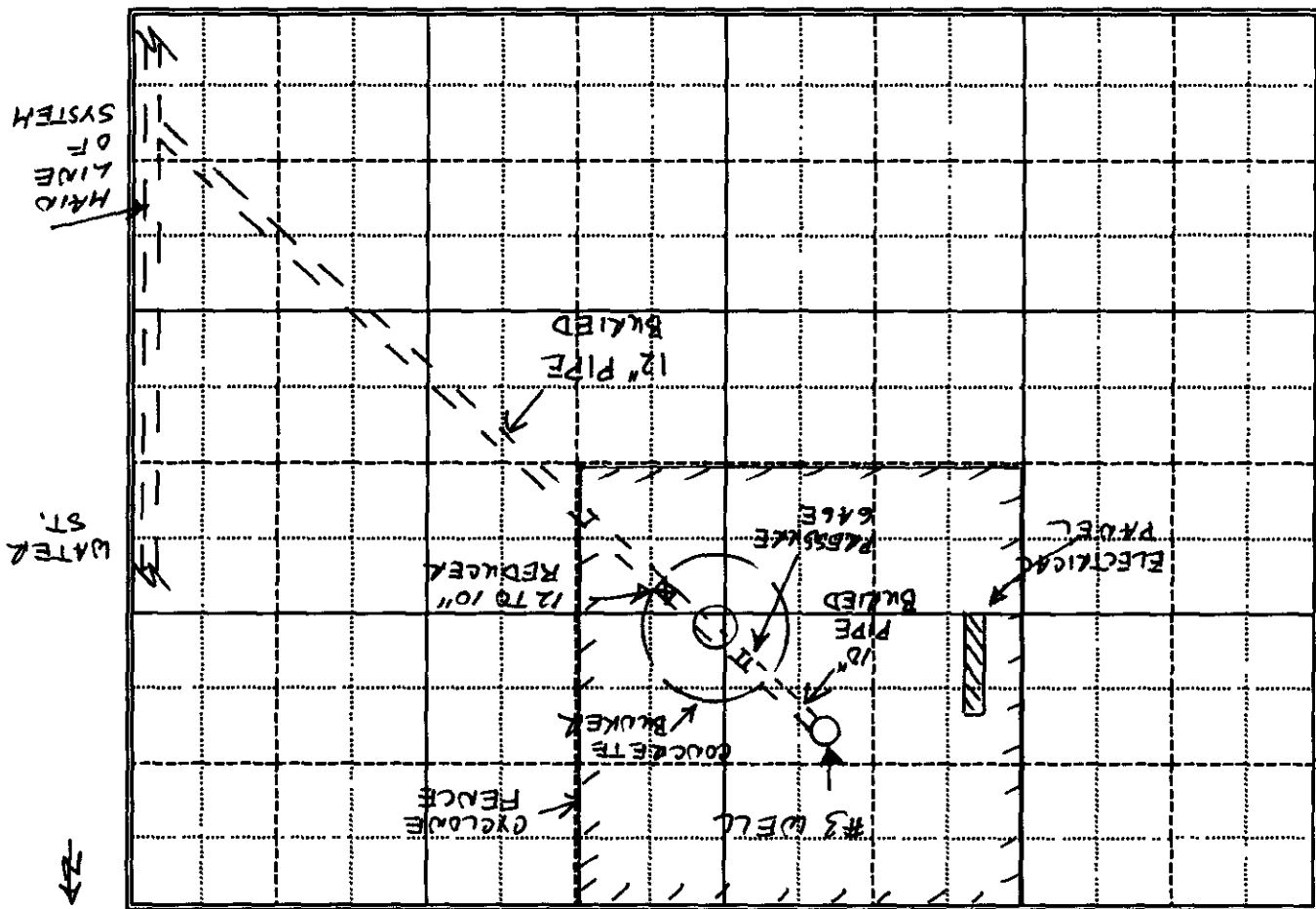
City of Arco

Indicate Method of Determination

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
4N	26E	36		~~M~~															

SEP 1 1994

3. Delivery System Diagram. Indicate all major components and distances between components. Indicate well size/ditch size/pipe l.d. as applicable



Scale: 1" = _____
 _____ Copy of USGS Quadrangle Attached Showing location(s) of _____
 _____ Aerial Photo Attached _____
 _____ Photo of Diversion and System Attached _____
 _____ (required for irrigation of 10+ acres)

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
#3		200	8H1000	GRAND	10" DISCHARGE

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

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
FLOW METER	FLUID	AKKELL				

2. Measurements: PUMPING AGAINST AN 80 PSI SYSTEM

PUMP DEPTH 550' STATE WATER 520'

DYNAMIC PUMPING DEPTH 520'

SEP 21 1994

E. NARRATIVE/REMARKS/COMMENTS

WELL #3 - MUNICIPAL WATER SYSTEM

200HP SUBMERSIBLE PUMP LIFTING WATER TO MAIN LINE
320' AND PUMPING INTO AN 80 PSI SYSTEM. WELL
HAS CHECK VALVE, NO CHART RECORDER BUT DOES HAVE
A CONSUMPTION (GAL.) AND HOUR METER ON THE
ELECTRICAL PANEL.

PANEL READING (ROCKWELL)

HOURS USED - 999.7

GALLONS - 483 x 100,000

FLOW METER READING - 46,103.9 GPH

Have conditions of permit approval been met? ☒ yes ☐ no

SEP 21 1994

34-7547

CITY OF ARCO
WELL #3

ELECT. PANEL READING

$$\frac{48,300,000 \text{ GAL.}}{989.7 \text{ HRS}} = \frac{48,802.667 \text{ GPM}}{60 \text{ MIN}} = \frac{813.37779 \text{ GPM}}{448.8} = \boxed{1.812339 \text{ CFS}}$$

THEORETICAL

ASSUME PUMP SETTING = DYNAMIC PUMPING DEPTH IS 550' LIFT.

$$\textcircled{\#1} \quad Q = \frac{200 (8.814) (.70)}{550' + (80 \text{ PSI} \times 2.308)} = \frac{1,233.96}{734.64} = \boxed{1.6796 \text{ CFS}} \times 448.8 = 753.84 \text{ GPM}$$

$$(\boxed{753.84 \text{ GPM}}) 60 = \boxed{45,230.419 \text{ GAL/HR}}$$

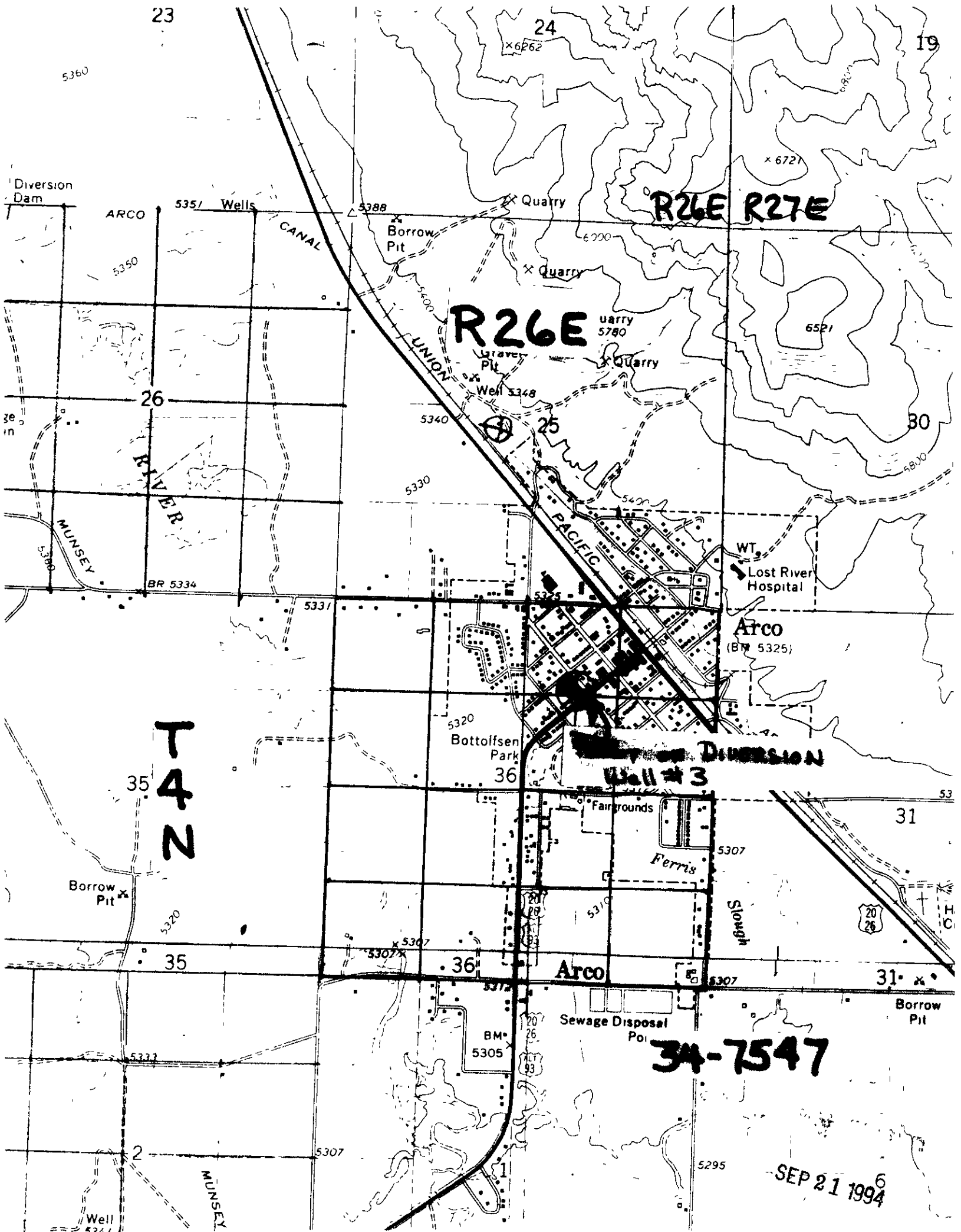
* ACTUAL READING OF
FLOW METER $\boxed{46,103.9 \text{ GPM}}$

$$\textcircled{\#2} \quad Q = \frac{200 (8.814) (.70)}{(530' + (80 \text{ PSI} \times 2.308))} = \frac{1,233.96}{714.64} = 1.72668 \text{ CFS} \times 448.8 = 774.937 \text{ GPM} \times 60$$

$$= \boxed{46,496.243 \text{ GPM}}$$

ASSUMES STATIC WATER LEVEL
DYNAMIC PUMPING DEPTH OF 530' LIFT.

SEP 21 1994



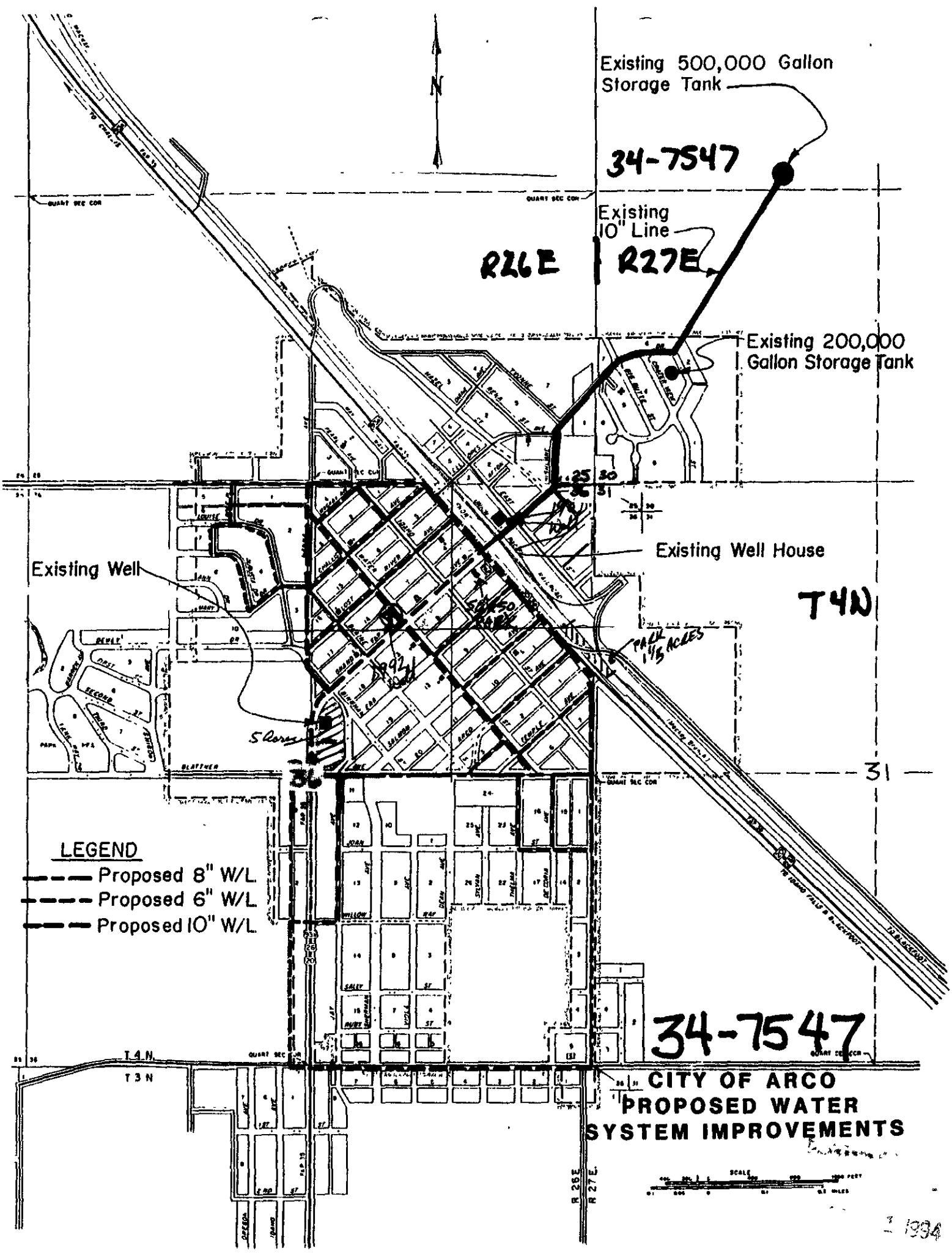
T4N

R26E

R26E R27E

34-7547

SEP 21 1994



Existing 500,000 Gallon Storage Tank

34-7547

Existing 10" Line

R26E

R27E

Existing 200,000 Gallon Storage Tank

Existing Well House

T4N

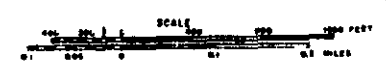
Existing Well

LEGEND

- Proposed 8" W/L
- Proposed 6" W/L
- Proposed 10" W/L

34-7547

**CITY OF ARCO
PROPOSED WATER
SYSTEM IMPROVEMENTS**



1994

CITY OF ARCO WELL #3

70
CITY
SYSTEM



34-7547

1 1994

November 6, 1992

CITY OF ARCO
P.O. BOX 196
ARCO ID 83213

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 34-07547

Dear Permit Holder:

The department acknowledges receipt of the proof of beneficial use form submitted for the above referenced permit. The next step in the process of developing a water right is for the department to conduct a field examination to determine and confirm the use being made of the water.

If you have questions concerning this matter, please feel free to contact the EASTERN Regional Office in Idaho Falls at (208)525-7161.

Sincerely,

Karen L. Gustafson
Secretary/Records Manager

c: IDWR - Region

NOV 17 1992



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

October 9, 1992

City of Arco
PO Box 196
Arco, ID 83213

Re: Permit No. 34-07547

Dear Permit Holder:

Returned is the Proof of Beneficial Use form submitted to this office in connection with the above referenced permit. It indicates the total rate of diversion of water to be 3.0 cfs.

When the total maximum rate of diversion is greater than 0.04 cfs, a license examination fee is required to be submitted with the proof. A license examination fee based on a rate of flow of 3.00 cfs is \$150. Note the back of the enclosed instruction sheet/fee schedule.

Please return the original proof and fee within 30 days of the date of the date of this mailing. Upon receipt of the proof form and fee, we will continue processing your proof by notifying the region that a field exam is needed.

If you have any questions or if I can be of any further assistance, please feel free to contact me.

Sincerely,

Karen L. Gustafson
Secretary/Records Manager

Enclosures

RECEIVED

NOV 17 1992

State of Idaho
Department of Water Resources

DRILLING PERMIT

(Authorizing Construction of a Well)*

RECEIVED

OCT 20 1990

Department of Water Resources
Eastern District Office

1. Applicant CITY OF ARCO, IDAHO.

2. Address P.O. Box 196 Arco Idaho 83213

☒ Well Owner () Well Operator () Other, specify _____

3. Water right permit no. _____; Injection well permit no. _____

4. Proposed well location NW 1/4 NE 1/4 1/4, or Gov't lot No. _____,
Sec. 36, Twp. 4N, Rge. 26E, County Butte,
Lot, block and subdivision _____

5. Proposed use of well: (Check all that apply)

() Domestic () Stockwater () Monitoring

() Irrigation () Industrial ☒ Municipal

() Injection () Other, Specify _____

6. Well construction information:

☒ New well () Deepen () Replace

Proposed surface diameter 14-inch Proposed depth 300

Anticipated bottom hole temperature:

☒ 85°F or less (Cold water well)
() 85°F to 212°F (Low temp. geothermal well)
() 212°F or more (Geothermal well)

7. Anticipated construction start date April 1990 **NOV 17 1992**

8. Well Driller (if known) _____

Address _____

Date OCT 25/1990 Applicant's signature Billy J. McManis

Title MAYOR CITY OF ARCO

ACTION OF THE DEPARTMENT OF WATER RESOURCES

This Permit is

APPROVED

Date

Feb. 25, 1991

If approved, this permit authorizes the construction or modification of a well subject to the following conditions. READ CAREFULLY!

GENERAL CONDITIONS:

1. The well must be constructed in compliance with the applicable statutes, specific conditions of approval shown on the water right permit, injection well permit, transfer or amendment and the rules and regulations of the Department for water appropriation, injection wells and well construction standards.
2. This drilling permit is valid for two (2) months from the above approval date for the start of construction and is valid for one (1) year from the approval date for completion of the well unless an extension has been granted.
3. This permit does not constitute an approval of the District Health Department or the Idaho Department of Health and Welfare which may be required before construction of this well.
4. The well shall be constructed by a driller currently licensed in the State of Idaho who must maintain a copy of the drilling permit at the drilling site.
5. Approval of this drilling permit does not authorize trespass on the land of another party.
6. This permit does not constitute other local, county, state or federal approvals which may be required for construction of a well.
7. This drilling permit does not represent a right to divert and use the water of the State of Idaho.
8. If a bottom hole temperature of 85° or greater is encountered, well construction shall cease and the well driller and the well owner shall contact the Department immediately.
9. If this permit is for a replacement well, the well being replaced must be abandoned in accordance with Department Rules and Regulations.

SPECIFIC CONDITIONS:

10. THE WELL DRILLER MUST BE IDENTIFIED PRIOR TO START OF DRILLING.
11. THE SPECIFIC CONDITIONS OF APPROVAL LISTED ON THE ATTACHED SHEET MUST BE ADHERED TO.

Stuik P. Reed

Signature of Authorized Department Representative

MANAGER
GROUNDWATER PROTECTION SECTION
Title

Receipt No. 001925 Received by JD Fee 200.00 Date 2-22-91

EXTENSION OF DRILLING PERMIT

Extension approved by _____ Approval Date _____

NOV 17 1992

This extension is good for 60 days beyond the above extension approval date.

SPECIFIC CONDITIONS OF APPROVAL FOR DRILLING PERMIT NUMBER

34-91-Z-002 .

1. The well shall be cased with unperforated casing and sealed to a minimum depth of 150 feet or to the first confining layer, whichever is deeper. Both the owner and the well driller are charged with the responsibility of taking whatever steps might be necessary to prevent the shallow "perched" ground water from entering the well.

2. The permit holder shall notify the department at least five (5) days prior to the start of well construction in order that the department can observe the work.

3. Diversion and use of water from the well is subject to the control of the watermaster of Water District No. 34, the Big Lost River.

4. The Director retains jurisdiction of the constuction of the well to require mitigation or reconstruction of the well if prior water rights are injured as determined by the Director.

5. These conditions apply to the construction of new wells and the deepening or reconstruction of existing wells.

NOV 17 1992

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

1. WELL OWNER

Name City of Arco PO Box 196
Address Arco, Idaho 83213
Drilling Permit No 34-91-2002
Water Right Permit No 11-07547 or 13-07545

7. WATER LEVEL

Static water level 515 feet below land surface.
Flowing? ☐ Yes ☒ No G.P.M. flow _____
Artesian closed-in pressure _____ p.s.i.
Controlled by. ☐ Valve ☐ Cap ☐ Plug
Temperature _____ °F. Quality _____
Describe artesian or temperature zones below

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement
☐ Well diameter increase ☐ Modification
☐ Abandoned (describe abandonment or modification procedures such as liners, screen, materials, plug depths, etc. in lithologic log. section 9.)

3. PROPOSED USE

☒ Domestic ☐ Irrigation ☐ Monitor
☐ Industrial ☐ Stock, ☐ Waste Disposal or Injection
☐ Other _____ (specify type)

4. METHOD DRILLED

☐ Rotary ☐ Air ☐ Auger ☐ Reverse rotary
☒ Cable ☐ Mud ☐ Other _____
 (backhoe, hydraulic, etc.)

5. WELL CONSTRUCTION

Casing schedule ☒ Steel ☐ Concrete ☐ Other _____

Thickness	Diameter	From	To
<u>275</u> inches	<u>16</u> inches	<u>2</u> feet	<u>353</u> feet
<u>375</u> inches	<u>12</u> inches	<u>340</u> feet	<u>660</u> feet
_____ inches	_____ inches	_____ feet	_____ feet

Was casing drive shoe used? ☒ Yes ☐ No
Was a packer or seal used? ☐ Yes ☒ No
Perforated? ☒ Yes ☐ No
How perforated? ☐ Factory ☒ ~~Field~~ ☒ Torch ☐ Gun
Size of perforation? 7/8 inches by 6 inches

Number		From		To	
<u>200</u>	perforations	<u>540</u>	feet	<u>580</u>	feet
<u>200</u>	perforations	<u>620</u>	feet	<u>660</u>	feet
	perforations		feet		feet

Well screen installed? ☐ Yes ☒ No
 Manufacturer _____ Type _____
 Top Packer or Headpipe _____
 Bottom of Tailpipe _____

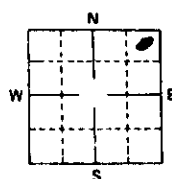
Diameter _____ Slot size _____ Set from _____ feet to _____ feet
 Diameter _____ Slot size _____ Set from _____ feet to _____ feet
 Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____
 Placed from _____ feet to _____ feet

Surface seal depth 60 Material used in seal ☒ Cement grout
☒ Bentonite ☐ Puddling clay ☐ _____
 Sealing procedure used: ☐ Slurry pit
☒ Temp. surface casing ☒ Overbore to seal depth
 Method of joining casing ☐ Threaded ☒ Welded
☐ Solvent Weld ☐ Cemented between strata

Describe access port pump base

6. LOCATION OF WELL

Sketch map location **must** agree with written location



Subdivision Name

Lot No _____ Block No _____

County Butte
NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 36 T. 4 N ☒ S ☐ R. 26 E ☒ W ☐

8. WELL TEST DATA

☒ Pump ☐ Bailer ☐ Air ☐ Other _____

Discharge G.P.M.	Pumping Level	Hours Pumped
1700	521	24 hr

9. LITHOLOGIC LOG

Bore Diam.	Depth		Material	Water	
	From	To		Yes	No
20	0	8	brown clay		X
20	8	20	gravel & clay		X
16	20	50	clay & gravel		X
16	50	65	clay & sand		X
16	65	80	clay & gravel		X
16	80	100	sand	X	
16	100	105	clay		X
16	105	135	clay & sand		X
16	135	190	clay & pea gravel	X	
16	190	210	hard clay & gravel		X
16	210	215	soft clay	X	
16	215	220	hard clay & pea gravel		X
16	220	235	clay & gravel	X	
16	235	245	broken clay		X
16	245	275	soft clay & pea gravel	X	
16	275	305	blue clay		X
16	305	315	2" gravel & clay & sand	X	
16	315	335	soft sand & clay	X	
16	335	340	lava red		X
16	340	350	hard grey lava		X
16	350	370	red lava		X
16	370	395	hard lava		X
16	395	473	red lava		X
16	473	520	hard red lava		X
16	520	535	black red lava	X	
16	535	560	red lava	X	
16	560	585	red & black lava	X	
16	585	605	red & grey lava		X
16	605	650	red lava (broken)	X	
16	650	660	red & black lava	X	

10.

Work started 9-10-91 finished 3-3-92

11. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed

Firm Name High Plains Firm No 299

Address Rexburg, Id. Date 3-3-92

Signed by Drilling Supervisor Marcus Frank

and Marcus Frander
(Operator) (If different than the Drilling Supervisor)



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

March 4, 1992

City of Arco
P.O. Box 196
Arco, ID 83213

Re: Permit No. 34-07547

Dear Permit Holder:

Enclosed is a copy of the approved request for extension of time. The time within which to submit proof of beneficial use is extended to March 1, 1993. Please note that the department has granted this extension based on due diligence. It is important that you work diligently toward the completion of this project during the construction period allowed. The department may not be able to grant additional requests.

If you have any questions or if I can be of any further assistance, please feel free to contact this office.

Sincerely,

Karen L. Gustafson
Karen L. Gustafson
Secretary/Records Manager

Enclosure

C: IDWR-Regional Office

RECORDED

MAR 05 1992

138383
December 31, 1991

CITY OF ARCO
P.O. BOX 196
ARCO ID 83213

PROOF DUE NOTICE
RE: PERMIT NO. 34-07547

Dear Permit Holder:

One of the conditions of approval of the above referenced water permit was that proof of the extent of your beneficial use must be submitted to this office on or before March 1, 1992. (See last page of your approved permit or your last approved extension request.) Enclosed is a form which when accompanied by the license examination fee or a complete field examination report prepared by a certified water right examiner may be used to submit the required proof.

If you have not fully completed your project, and you or a previous owner of this permit have not received a prior extension of time, you may request an extension of time if the delay is for reasonable cause as provided in Section 42-204, Idaho Code. If you have been prevented from proceeding by a governmental agency or by litigation which might bring title to the water in question, more than one extension of time can be granted. An extension of time request form is enclosed for your convenience.

Either an acceptable proof of beneficial use submittal or an acceptable request for an extension of time must be received by this department on or before the above described proof due date. If neither is received, the department will send you a lapse notice. Within sixty (60) days of the mailing of the lapse notice, the permit will no longer be of any force nor effect.

SINCERELY,

Karen L. Gustafson
Secretary/Records Manager

Enclosures

RECORDED
MAR 05 1992

State of Idaho
Department of Water Resources

D R I L L I N G P E R M I T

(Authorizing Construction of a Well)*

RECEIVED

OCT 20 1990

Department of Water Resources
Eastern District Office

1. Applicant CITY OF ARCO, IDAHO.
2. Address P.O. Box 196 Arco Idaho 83213

☒ Well Owner () Well Operator () Other, specify _____

3. Water right permit no. _____; Injection well permit no. _____

4. Proposed well location NW 1/4 NE 1/4 1/4, or Gov't lot No. _____,
Sec. 36, Twp. 4 N, Rge. 26 E, County Butte,
Lot, block and subdivision _____

5. Proposed use of well: (Check all that apply)

() Domestic () Stockwater () Monitoring
() Irrigation () Industrial ☒ Municipal
() Injection () Other, Specify _____

6. Well construction information:

☒ New well () Deepen () Replace

Proposed surface diameter 14-inch Proposed depth 300

Anticipated bottom hole temperature:

☒ 85°F or less (Cold water well)
() 85°F to 212°F (Low temp. geothermal well)
() 212°F or more (Geothermal well)

7. Anticipated construction start date April 1990

8. Well Driller (if known) _____

Address _____

Date OCT 25/1990 Applicant's signature Billy J. McMurtry

Title MAYOR CITY OF ARCO

* After other pre-requisite approvals have been obtained.

ACTION OF THE DEPARTMENT OF WATER RESOURCES

This Permit is **APPROVED** Date Feb. 25, 1991

If approved, this permit authorizes the construction or modification of a well subject to the following conditions. READ CAREFULLY!

GENERAL CONDITIONS:

1. The well must be constructed in compliance with the applicable statutes, specific conditions of approval shown on the water right permit, injection well permit, transfer or amendment and the rules and regulations of the Department for water appropriation, injection wells and well construction standards.
2. This drilling permit is valid for two (2) months from the above approval date for the start of construction and is valid for one (1) year from the approval date for completion of the well unless an extension has been granted.
3. This permit does not constitute an approval of the District Health Department or the Idaho Department of Health and Welfare which may be required before construction of this well.
4. The well shall be constructed by a driller currently licensed in the State of Idaho who must maintain a copy of the drilling permit at the drilling site.
5. Approval of this drilling permit does not authorize trespass on the land of another party.
6. This permit does not constitute other local, county, state or federal approvals which may be required for construction of a well.
7. This drilling permit does not represent a right to divert and use the water of the State of Idaho.
8. If a bottom hole temperature of 85° or greater is encountered, well construction shall cease and the well driller and the well owner shall contact the Department immediately.
9. If this permit is for a replacement well, the well being replaced must be abandoned in accordance with Department Rules and Regulations.

SPECIFIC CONDITIONS:

10. THE WELL DRILLER MUST BE IDENTIFIED PRIOR TO START OF DRILLING.
11. THE SPECIFIC CONDITIONS OF APPROVAL LISTED ON THE ATTACHED SHEET MUST BE ADHERED TO.

RECEIVED

MAR 18 1991

Stuart A. Reed

Signature of Authorized Department Representative

MANAGER

GROUNDWATER PROTECTION SECTION

Title

Receipt No. 2019225 Received by JD Fee 200.00 Date 2-22-91

EXTENSION OF DRILLING PERMIT

Extension approved by Mark S. [Signature] Approval Date 8-8-91

This extension is good for 60 days beyond the above extension approval date.

SPECIFIC CONDITIONS OF APPROVAL FOR DRILLING PERMIT NUMBER

34-91-Z-002 .

1. The well shall be cased with unperforated casing and sealed to a minimum depth of 150 feet or to the first confining layer, whichever is deeper. Both the owner and the well driller are charged with the responsibility of taking whatever steps might be necessary to prevent the shallow "perched" ground water from entering the well.

2. The permit holder shall notify the department at least five (5) days prior to the start of well construction in order that the department can observe the work.

3. Diversion and use of water from the well is subject to the control of the watermaster of Water District No. 34, the Big Lost River.

4. The Director retains jurisdiction of the constuction of the well to require mitigation or reconstruction of the well if prior water rights are injured as determined by the Director.

5. These conditions apply to the construction of new wells and the deepening or reconstruction of existing wells.

RECEIVED

MAR 18 1931



State of Idaho
DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000
Phone: (208) 327-7900 FAX: (208) 327-7866

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

March 14, 1991

CITY OF ARCO
P.O. BOX 196
ARCO, ID 83213

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 34-07547

Dear Permit Holder:

Enclosed is a copy of your approved application for permit. We direct your attention to the conditions of approval on the final page.

Enclosed is a form entitled "Instructions for Proof of Beneficial Use". Please read the instructions carefully since you must take further action to develop this permit. Also enclosed is a form entitled "Proof of Beneficial Use". If your project is already completed you should complete and submit this form immediately.

Be sure to note the special condition requiring you to install a measuring device. Enclosed, for your reference, is a list of measuring device options.

Also enclosed is a copy of the approved drilling permit submitted in connection with this water right.

You should be aware that you are located within a drainage basin where surface water diversions are regulated by a watermaster. It is possible that diversion of groundwater under your permit may cause a reduction of surface water flow. Siting your well as far as possible from surface water channels and casing your well so that groundwater tributary to surface water flows are not diverted will reduce the potential for the watermaster to regulate your water use.

This permit authorizes the appropriation of trust water. Trust water is defined as that portion of a particular hydropower water right which exceeds certain minimum stream flows established by state action, and is held in trust by the State of

RECEIVED

MAR 18 1991

Idaho for the use and benefit of the people within the state.
Conditions pertaining to a term review, annual use fee and
jurisdiction of the permit are trust water conditions.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:blm

Enclosures

RECEIVED

MAR 16 1991



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720 -(208) 327-7900

CECIL D. ANDRUS

GOVERNOR

R. KEITH HIGGINSON

DIRECTOR

February 19, 1991

CITY OF ARCO
P.O. Box 196
Arco, ID 83213

RE: Application for Permit #34-7547

Dear Applicant:

Application for Permit #34-7547 has reached the State Office for final review. A Drilling Permit has been applied for in conjunction with this application and is part of the application file. However, there is no record of the Drilling Permit fee having been paid. The fee for this type of well is \$200.00 and must be paid before processing can continue. When we have received the drilling fee, both the Application for Permit and Drilling Permit will be processed and approved together.

Please respond at your earliest convenience to avoid any undue delay in processing this Application for Permit and Drilling Permit.

Sincerely,

A handwritten signature in cursive script that reads 'Pamela Skaggs'.

PAMELA SKAGGS
Technical Records Specialist

RECEIVED

MAR 18 1991

AFFIDAVIT OF PUBLICATION

I, Colleen Babcock
of the Arco Advertiser, a weekly newspaper of
general circulation, published weekly at Arco, Idaho,
since March, 1909, do solemnly swear that a copy of
this notice, per clipping attached, was published
weekly in the regular and entire issue of said
newspaper, and not in any supplement thereof,

for 2 consecutive weeks, commencing with
the issue dated Dec 20, 1990

and ending with the issue dated

Dec. 27, 1990
Colleen Babcock

STATE OF IDAHO

COUNTY OF BUTTE

On this 27 day of December
in the year of 1990, before me, a Notary Public,

personally appeared

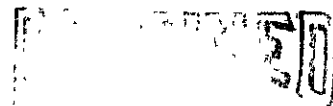
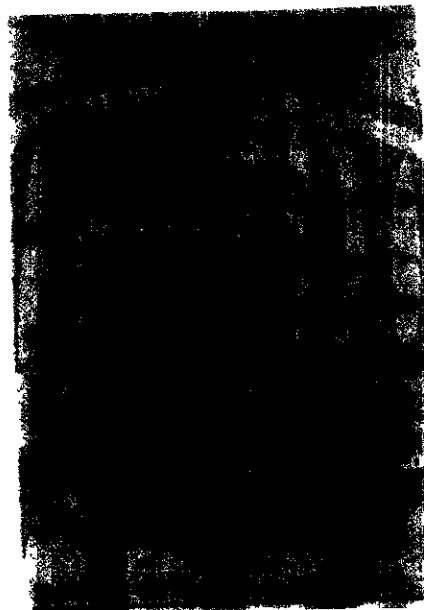
Colleen Babcock

known or identified to me to be the person whose
name subscribed to the within instrument, and being
by me first duly sworn, declared that the statements
therein are true, and acknowledged to me that he
executed the same

Thomas D. Curran
Notary Public for Idaho

Residing at Arco, ID
12-17-91

My commission expires



DEC 27 1990

Deputy Notary Public
Eagle County Office

MICROFILMED

MAR 18 1991

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Eastern Region
150 Shoup Ave., Suite 15

Idaho Falls, Idaho 83402
(208) 525-7161

DECEMBER 10, 1990

THE ARCO ADVERTISER
P.O. DRAWER C
ARCO, ID 83213

Gentlemen:

Enclosed you will find a legal notice which we wish to have published on the dates indicated (once a week for two consecutive weekly issues) in your newspaper. If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Your cooperation is appreciated.

Please send the affidavit of publication and publication billing to this office before JANUARY 7, 1991.

Yours truly,

Rita Bodell
Secretary

Encl.

NOTIFIED

MAR 18 1991

34-07547

CITY OF ARCO
P.O. BOX 196
ARCO, ID 83213

Source: GROUNDWATER

Diversion Pt: NWNE Sec 36 T 04N R 26E

Use: MUNICIPAL (3.000 CFS)
Total Diversion: (3.000 CFS)

Date Filed: 10/25/ 1990

In: T04N R26E S25	SWSE	SESE		
S36	NENE	NWNE	SWNE	SENE

REFILMED

MAY 10 1991

The permit(s) will be subject to all prior water rights. Protests may be submitted based on the criteria of Sec. 42-203A, Idaho Code and/or the new public interest criteria of Sec. 42-203C, Idaho Code. Protests must be filed with the Director, Dept. of Water Resources, 150 Shoup Ave., Suite 15, Idaho Falls, Idaho 83402 on or before JANUARY 7, 1991.

R. Keith Higginson, Director

Published 12/20/1990 & 12/27/1990

RECEIVED

MAR 18 1991

10-Dec-1990

CITY OF ARCO
PO BOX 196
ARCO ID 83213

RE: Application No. 34-07547

Dear Water Right Applicant:

The Department of Water Resources acknowledges receipt of your water right permit. This office is currently in the process of advertising the application in ARCO ADVERTISER on DECEMBER 20 & 27, 1990. The advertisement will be published for two consecutive weeks, and a period of ten days following the second publication will be allowed for the submittal of protests.

If the application is protested, you will be sent a copy of the protest. The protest must be resolved before the application is approved or denied. If the protest is not resolved voluntarily, this Department will conduct a conference and/or hearing on the matter.

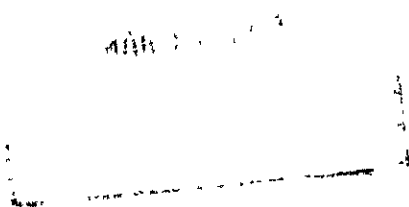
If the application is not protested, it will be forwarded to our state office in about five weeks. State office personnel will conduct a complete review prior to final processing of the application and will notify you of the outcome of this review. When a permit is issued, you will be sent a copy. A typical processing time for an unprotested application is about eight weeks.

Please feel free to contact this office if you have any questions regarding this procedure.

Sincerely,

HAROLD W. JONES
Water Rights Supervisor

HWJ/rb



10-Dec-1990

DOUGLAS ROSENKRANCE
WATER DIST 34
RT 1 BOX 24
MACKAY ID 83251

RE: Application No. 34-00049E

Dear Watermaster:

Please find enclosed a copy of the above referenced application. Please review the application and submit any comments you may have to our Department as soon as possible. The last date of protest is JANUARY 7, 1991, and we are required to take action shortly thereafter.

If we may be of further assistance, please feel free to contact us.

Thank you for your cooperation in this matter.

Respectfully submitted,

Harold Jones
Water Rights Supervisor

HJ/rb
Enclosure