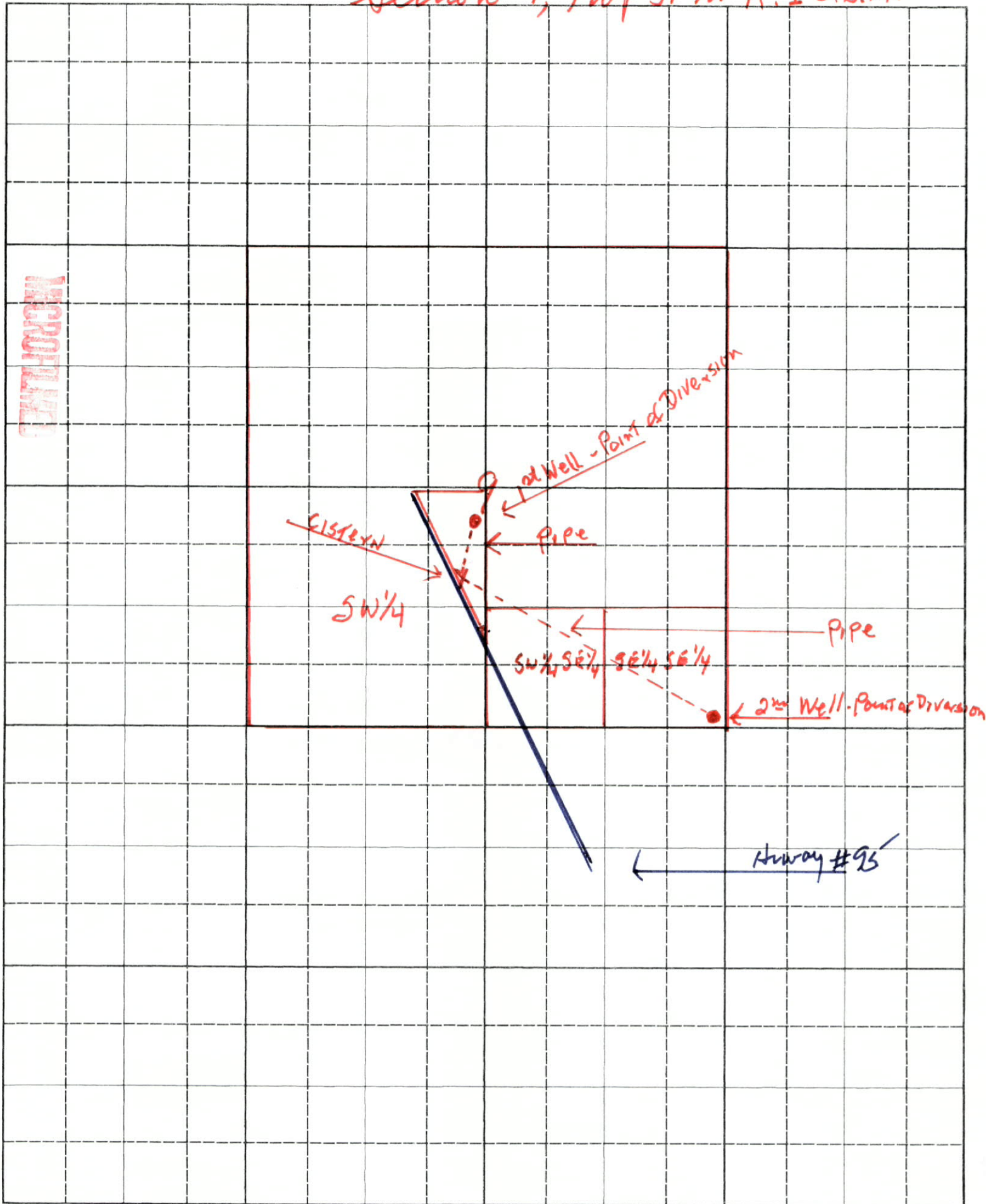


11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.

Section 9, Twp 31 N. R. 1 E. B.M.



Scale: 2 inches equal 1 mile.

4

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.

5/5

(Applicant)

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

SEE EXHIBIT "A"

MICROFILMED

See MAP ATTACHED

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.

Urban J. Aruzen,
(Applicant)
Margaret V. Aruzen

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT SUPPLEMENT II
P H O T O G R A P H S

Well
#1
→



~~85-07369~~

Well
#2
→



RECEIVED
SEP 24 1961

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

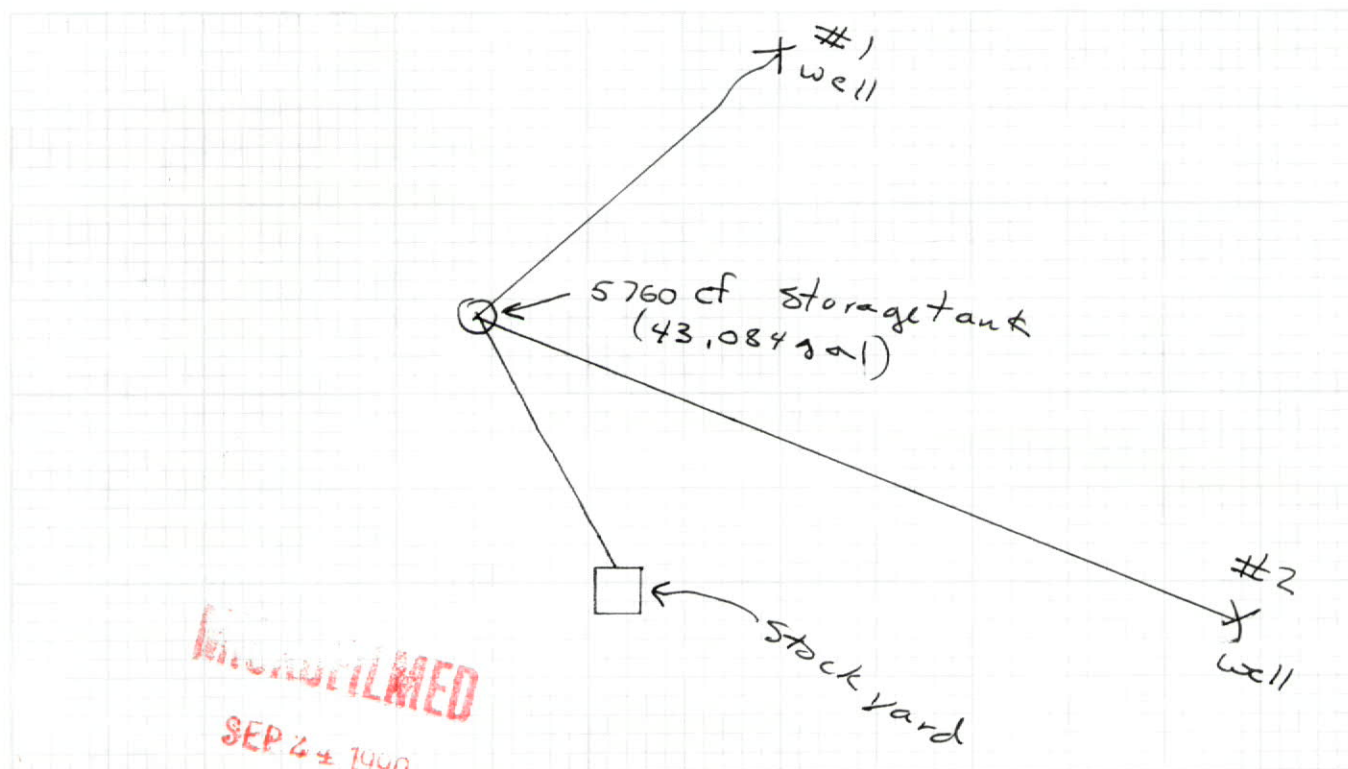
Permit No. 85-7369
1. Owner: Urban J and Margaret V. Arnzen Phone No. 208-962-3284
Current Address: P.O. Box 178, Cottonwood Id. 83522
2. Accompanied by: Urban Arnzen EXAM. DATE: 5/12/89
Address: Same Phone No. Same
Relationship to Permit Holder: Same
3. Source: groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: NONE ☐ Copies Attached
2. Other water rights with same point of diversion: NONE ☐ Copies Attached ☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

1. **Diversion System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable. ☐ Alternative diagram attached

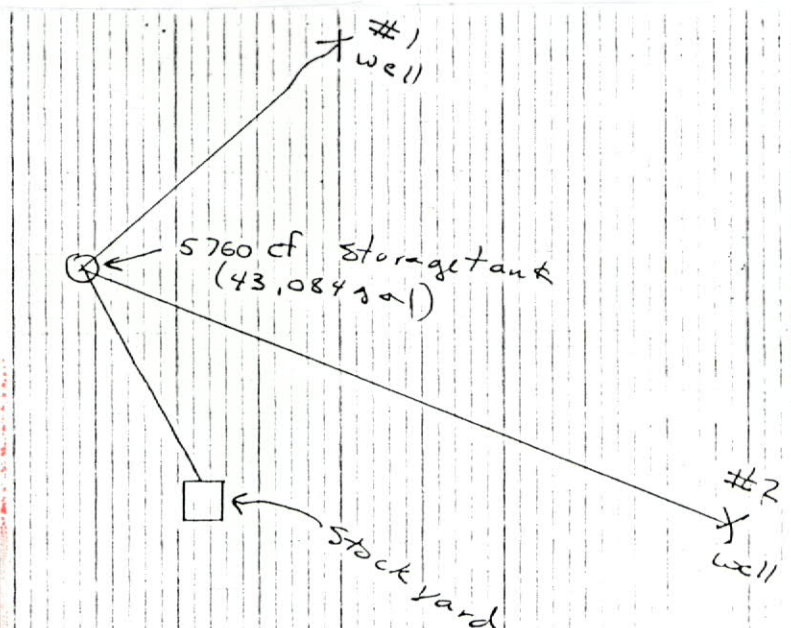
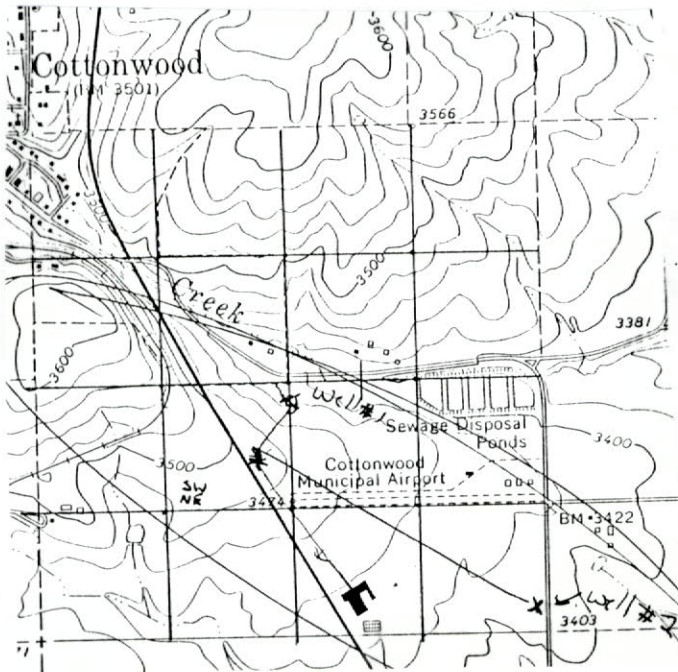


Scale: 1" = _____

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

SCHEMATIC

Provide a schematic diagram showing the location of the well in the quarter-quarter with respect to houses, roads, other wells or readily identifiable features.



MICROFILMED

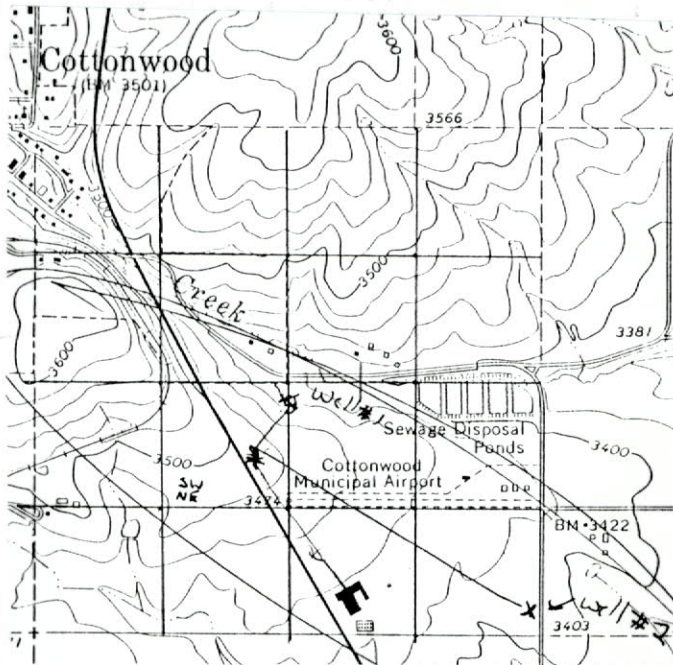
SEP 24 1990

Inspected by Fairchild

Date 6/13/89

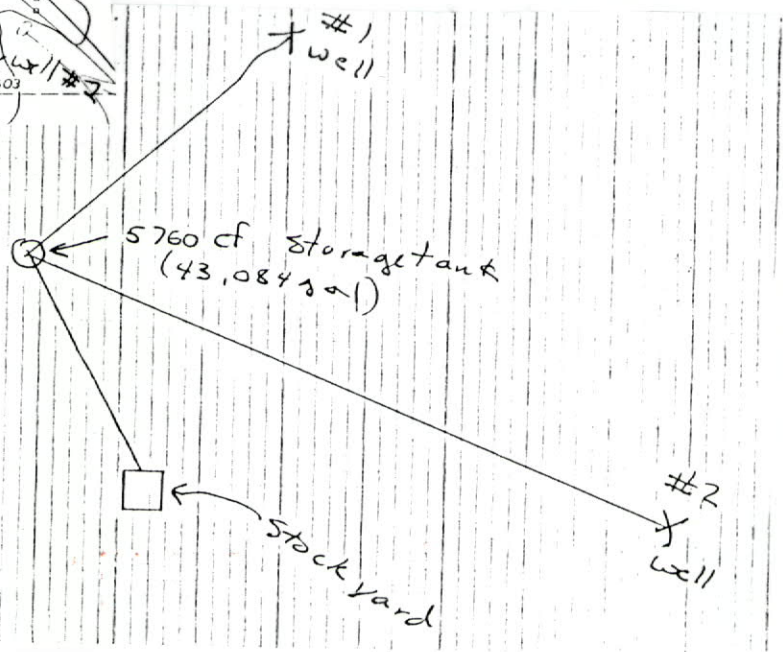
SCHEMATIC

Provide a schematic diagram showing the location of the well in the quarter-quarter with respect to houses, roads, other wells or readily identifiable features.



MICROFILMED

SEP 24 1990



Inspected by John Schmitt

Date 6/13/89

Speed Letter

TO:

William J. Lee

416 W. Main

FROM:

Idaho Dept. of Water Resources
Attn: Sam King
4055 Mont. Way Suite #9

Coeur d'Alene, Id. 83814

Subject

S & J. Castle Co. Water Permit Applications

MESSAGE

Dear Bill,

I am returning the two copies of S & J Applications which you inadvertently sent to this Office. I am retaining nine (9) original Applications. The fee for the Applications was reduced when you lowered the rate of diversion, so I am returning your check #92-74 in the Amount of \$285⁰⁰. Please send new fee of \$270⁰⁰.

9(30⁰⁰) \$270⁰⁰

Date 6-10-83

Signed

Sam King

REPLY

POOR QUALITY ORIGINAL

RECEIVED

JUN 23 1983

Department of Water Resources
Northern District Office

Signed

Date

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 85-07369

Priority: June 9, 1983

Maximum Diversion Rate: 0.61 CFS
Maximum Diversion Volume:¹ 43.9 AF

This is to certify, that URBAN J. ARNZEN
MARGARET V. ARNZEN

P.O. BOX 178

COTTONWOOD, ID 83522

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated June 9, 1983; and has submitted Proof of Beneficial Use on August 15, 1988. An examination indicates that the works have a diversion capacity of .610 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>
STOCKWATER	01/01 to 12/31	0.61 CFS	43.9 AF

LOCATION OF POINT(S) OF DIVERSION:

SESE , Sec. 9, Township 31N, Range 01E
NESW , Sec. 9, Township 31N, Range 01E
IDAHO County

PLACE OF USE: STOCKWATER

TWN RGE SEC

31N 01E 9 SWSE

CONDITIONS/REMARKS:

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. Stockwater use is for 3000 cattle & 800 hogs.

MICROFILMED

SEP 4 1990

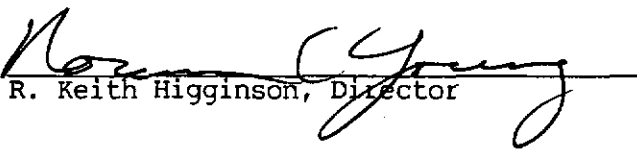
State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 85-07369

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 28TH
day of AUGUST, 1990.

Acting for


R. Keith Higginson, Director

MICROFILMED

SEP 24 1990

RECEIVED

JUN 23 1983 Identification No. 85-7369

APPROVED

Department of Water Resources
Northern District Office

STATE OF IDAHO DEPARTMENT OF WATER RESOURCES

RECEIVED

APPLICATION FOR PERMIT

JUN 9 1983

To Appropriate the Public Waters of the State of Idaho

(TYPE OR PRINT IN INK)

Department of Water Resources
Northern District Office

1. Name of applicant Urban J. and Margaret V. Arnzen Phone: 208-962-3284
post office address Post Office Box 178, Cottonwood, Idaho 83522
2. Source of water supply Two Wells (ground water) which is a tributary of _____
3. a. Location of point of diversion is NE corner of SW $\frac{1}{4}$ of Section 9 Township 31 North
Range 1 E. B.M. Idaho County; additional points of diversion if any: _____
SE corner of SE 1/4 SE 1/4, Section 9; Twp. 31N, Rge. 1E *kw 10/31/83
- b. If water is not consumed, it will be discharged into _____ at a point in _____ $\frac{1}{4}$
of _____ $\frac{1}{4}$ of Section _____ Township _____ Range _____ B.M. _____
4. Water will be used for the following purposes:
Amount .66 for livestock purpose from Jan. 1 to Dec. 31 (both dates inclusive)
(cfs or acre-foot per annum)
Amount .02 for domestic purpose from Jan. 1 to Dec. 31 (both dates inclusive)
(cfs or acre-foot per annum)
Amount .10 for irrigation purpose from March 1 to Oct. 15 (both dates inclusive)
(cfs or acre-foot per annum)
5. Total quantity to be appropriated:
a. 0.78 cubic feet per second and/or
b. _____ acre feet per annum.
6. Proposed diverting works:
a. Description of ditches, flumes, pumps, headgates, etc. Two wells- first well 270 feet deep,
diameter 8", cistern 10' x 24' x 24', 2" pipe from well to cistern, 4" pipe
from cistern - 2,000 feet to building, pump 30 h.p. 3 phase (see remarks)
- b. Height of storage dam _____ 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 8" inches; proposed depth of well is 270 feet.
7. a. Time required for the completion of the works and application of the water to the proposed beneficial use
is 5 years.
b. Estimated construction cost is \$ _____.
8. Description of proposed uses: NE
E 1/2 SW 1/4 - East of Highway #95 - From map JK-6-10-83
a. If water is not for irrigation: SW 1/4 SE 1/4 - East of Highway #95
(1) Give the place of use of water: SE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Section 9 Township 31 North
Range 1 E. 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 3,000 head of cattle; 800 hogs
(4) Name of municipality to be served _____, or number of families to be
supplied with domestic water One (1)
(5) If water is to be used for other purposes describe: business buildings-sales yard

RECEIVED

b. If water is for irrigation, indicate acreage in each subdivision in the tabulation below:

TWP.	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
31N	1E	9															35	40	75 Acres

Total number of acres to be irrigated 75

c. Describe any other water rights used for the same purposes as described above. None

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

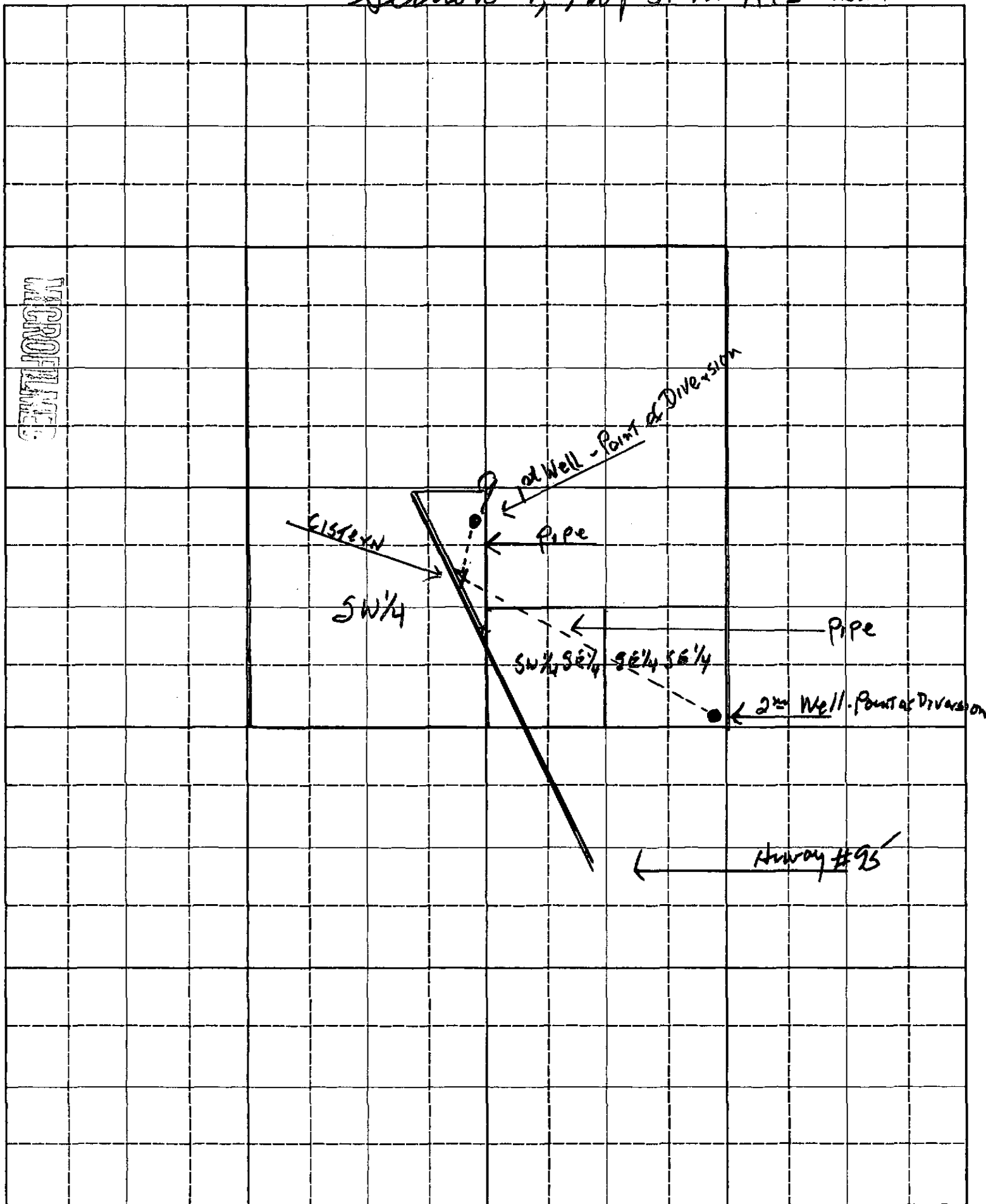
b. Who owns the land to be irrigated or place of use Applicants

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

10. Remarks First well pipe - 2,000 feet to buildings, 4,000 to 8,000 gallons in cistern
Second well: 470 feet deep; 8" diameter, 4" pipe to cistern; 60 HP phase
3 pump approximately one mile to same cistern as first well.

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

Section 9, Twp 31 N. R. 1 E. B.M.



Scale: 4 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.

5/9

(Applicant)

Received by _____ Date _____ Time _____
Preliminary check by _____ Fee \$ _____
Receipted by _____ Date _____
Publication prepared by _____ Date _____
Published in _____
Publication dates _____
Publication approved _____ Date _____
Protests filed by: _____

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

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. Other:

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

SEE EXHIBIT "A"

RECEIVED MAY 11 1960															

See MAP ATTACHED

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.

Urban J. Aruzen,
(Applicant)
Margaret V. Aruzen

Proposed Priority 6/9/83

Received by JK Date 8-23-82 Time 2:10 PM

Preliminary check by JK Fee \$ 46.00

Received by JK Date 6/23/83 (91240) - 15.00

Publication prepared by JK Date 8/26/83

Published in Cottonwood Chronicle

Publication dates 9/1-8/83

Publication approved JK Date 10/3/83

Protests filed by: none

Copies of protests forwarded by _____

Hearing held by _____ Date _____

Recommended for approval denial by JK KW

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. 85-7369, 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 November 1, 19 88.
- c. The rate of diversion, if water is to be used for irrigation under this permit, when combined with all other water rights for the same land shall not exceed 0.02 cubic feet per second for each acre of land.
- d. Other: Permit holder shall commence the excavation or construction of diverting works within one year of the date this permit is issued and shall proceed diligently until the project is complete.
An access port or other device as specified by the Department shall be installed by the permit holder to provide for the installation of measuring equipment and the determination of the rate of diversion by the Department.

Witness my hand this 4 day of November, 1983.

David R. Tuttle
ACTING Chief, Operations Bureau

**NOTICE OF APPLICATION
FOR WATER RIGHT**

The following application(s) have been filed to appropriate the public waters of the State of Idaho:

82-7132

JOHNSON, DONALD G.
&/or SARA JO
2230 GRELLE, LEWISTON,
ID 83501

Source: DAWSON CREEK
trib. to RED RIVER; UN-
NAMED STREAM trib. to
RED RIVER

Date Filed: 08/08/1983

Diversion Pt: SESE Sec 25 T
28N R 08E

Use: DOMESTIC (0.04 CFS)

In: SESE Sec 25 T 28N R 08E.

82-7133

CHENEL, ROBERT

P.O. BOX 30, STITES, ID
83552

Source: UNNAMED
STREAM trib. to CLEAR-
WATER RIVER, SOUTH
FORK

Date Filed: 08/18/1983

Diversion Pt: NWNE Sec 34
T 31N R 04E

Use: IRRIGATION

STORAGE (0.25 AF)

IRRIGATION FROM

STORAGE (0.25 AF) 008.8

In: NWNE Sec 34 T 31N R

04E FOR 1 ACRES.

82-7134

AUER, ERVIN D.

HERON, H.A.

601 N. COLLEGE,
GRANGEVILLE, ID 83530

Source: SPRING trib. to
SINKS

Date Filed: 08/27/1983

Diversion Pt: NENE Sec 18
T 30N R 04E

Use: STOCKWATER (0.03

CFS) DOMESTIC (0.14 CFS)

In: SESE Sec 07 T 30N R 04E

NENE Sec 18 T 30N R 04E.

85-7369

ARNZEN, URBAN J. &/or

MARGARET V.

P.O. BOX 178, COT-
TONWOOD, ID 83522

Source: GROUNDWATER

Date Filed: 08/09/1983

Diversion Pt: NESW SESE

Sec 09 T 31N R 01E

Use: IRRIGATION (0.10

CFS) STOCKWATER (0.03

CFS) DOMESTIC (0.02 CFS)

In: SWSE SESE Sec 09 T 31N

R 01E NESW SWSE SESE

Sec 09 T 31N R 01E FOR 75

ACRES.

The permit(s) will be
subject to all prior water
rights. Protests must be filed
with the Director, Dept. of
Water Resources, 4055 Gov't.
Way, Coeur d'Alene, Id.
83814 on or before SEP-
TEMBER 18, 1983.

KENDUNN, Dir.

Published 8/31 & 9/7/83.

Ag. 31-S7

AFFIDAVIT OF PUBLICATION

..... Nona Donaldson being first duly
office manager
sworn, says he is the
of the IDAHO COUNTY FREE PRESS, a weekly newspaper which
is published and issued weekly at Grangeville, Idaho County,
State of Idaho, and which is of general circulation in said county
and state; that the said notice, of which the one hereto attached
is a true copy, was published in said paper for 2 weeks,
being published 2 times, the first publication being
on the 31 day of August 19 83,
and the last publication on the 7 day of
September 83 19; and that the said notice
was published in the newspaper proper and not a supplement;
that said newspaper has been continuously and uninterruptedly
published in said county during a period of more than seventy-
eight consecutive weeks prior to the first publication of said
notice or advertisement.

Nona Donaldson

Subscribed and sworn to before me this 3 day
of September 19 83

....., Notary Public
for State of Idaho, residing at Grangeville, Idaho.

REP

Department of Water Resources
Northern District Office

RECEIVED

August 29, 1990

URBAN J. ARNZEN
MARGARET V. ARNZEN
P.O. BOX 178
COTTONWOOD, ID 83522

RE: PERMIT NO. 85-07369

Dear Permit Holder(s):

Enclosed herewith is a copy of the Water Right License issued on the above referenced permit.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:sc

Enclosure

MICROFILMED
MICROFILMED
SEP 1 1990
SEP 4 1990

August 8, 1990

URBAN J. ARNZEN
MARGARET V. ARNZEN
P.O. BOX 178
COTTONWOOD, ID 83522

RE: PERMIT NO. 85-07369

Dear Permit Holder(s):

Enclosed is a draft copy of the license proposed to be issued on the above referenced water right.

This right is currently being reviewed by this office for licensing. The enclosed preliminary copy is subject to change upon further administrative review.

We ask that you review the proposed license and if you do not concur with the information, please let us know within 10 days.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:sc

Enclosure

MICROFILMED

SEP 24 1990

SENIOR AGENT REVIEW

Check List
for
Beneficial Use Field Report

RECEIVED
MAY 14 1990

Department of Water Resources

Permit 85-17369

✓ **A. GENERAL INFORMATION**

- ✓ 1. Name and address are most current available. (Check BU statement)
✓ 2. Exam Date
✓ 3. Source (Check Permit)

✓ **B. OVERLAP REVIEW**

- ✓ 1. & 2. (Rule 5,1,4)

✓ **C. SYSTEM DESCRIPTION**

- ✓ 1. Diversion System Diagram (Rule 5,1,3 / 5,1,4)
✓ 2. USGS (Rule 5,1,7 / 5,1,9) Aerial (Rule 5,1,17)
✓ 3. Word Picture (Rule 5,1,3 / 5,1,4)
✓ 4. Diversion (Rule 5,1,3)
✓ 5. Compare with USGS Map, Land Survey Maps, Aerial Photos and Permit.
✓ 6. Irrigation (Rule 5,1,8)

✓ **D. FLOW MEASUREMENTS** Check math (Rule 5,1,13 / 5,1,14)

✓ **E. FLOW CALCULATIONS** Check math (Rule 5,1,13 / 5,1,14)

✓ **F. OPTIONAL**

✓ **G. VOLUME CALCULATIONS**

- Three significant figures and no more than 1/10's (Rule 6,1,2)
Fish (Rule 5,1,11) number stock, homes, etc... (Rule 5,1,12)

✓ **H. REMARKS AND OVERLAP ANALYSES**

- ✓ All actual uses listed; all permitted uses not used, also listed; (Rule 5,1,2):
✓ Overlaps (Rule 5,1,4):
✓ Return flows (Rule 5,1,5):
✓ Conditions (Rule 5,1,6).

✓ **I. RECOMMENDATIONS**

- ✓ 1. Municipal (Rule 5,1,10): Compare with items E & G, permit, fee, capacity
(Rule 5,1,15): Measured flows for each use listed separately (Rule 5,1,14).
Period of year (Rule 5,1,13)
✓ 2. Compare permit to exam for amendments (Rule 5,1,16)

✓ **J. AUTHENTICATION**

- Name, Signature, Certification Date, Exam Date.

✓ **WELL INSPECTION REPORT**

- Check with permit and well log for discrepancies

Signature

J. King

Date

8/20/89

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT SUPPLEMENT II
P H O T O G R A P H S



#1 well
→

~~XXXXXXXXXX~~



well
#2
→

MICROFILMED
SEP 24 1971

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No. 85-7369

1. Owner: Urban J and Margaret V. Arnzen Phone No. 208-962-3284

Current Address: P.O. Box 178, Cottonwood Id. 83522

2. Accompanied by: Urban Arnzen EXAM. DATE: 5/12/89

Address: Same Phone No. Same

Relationship to Permit Holder: Same

3. Source: groundwater tributary to _____

B. OVERLAP REVIEW

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

☐ Copies Attached

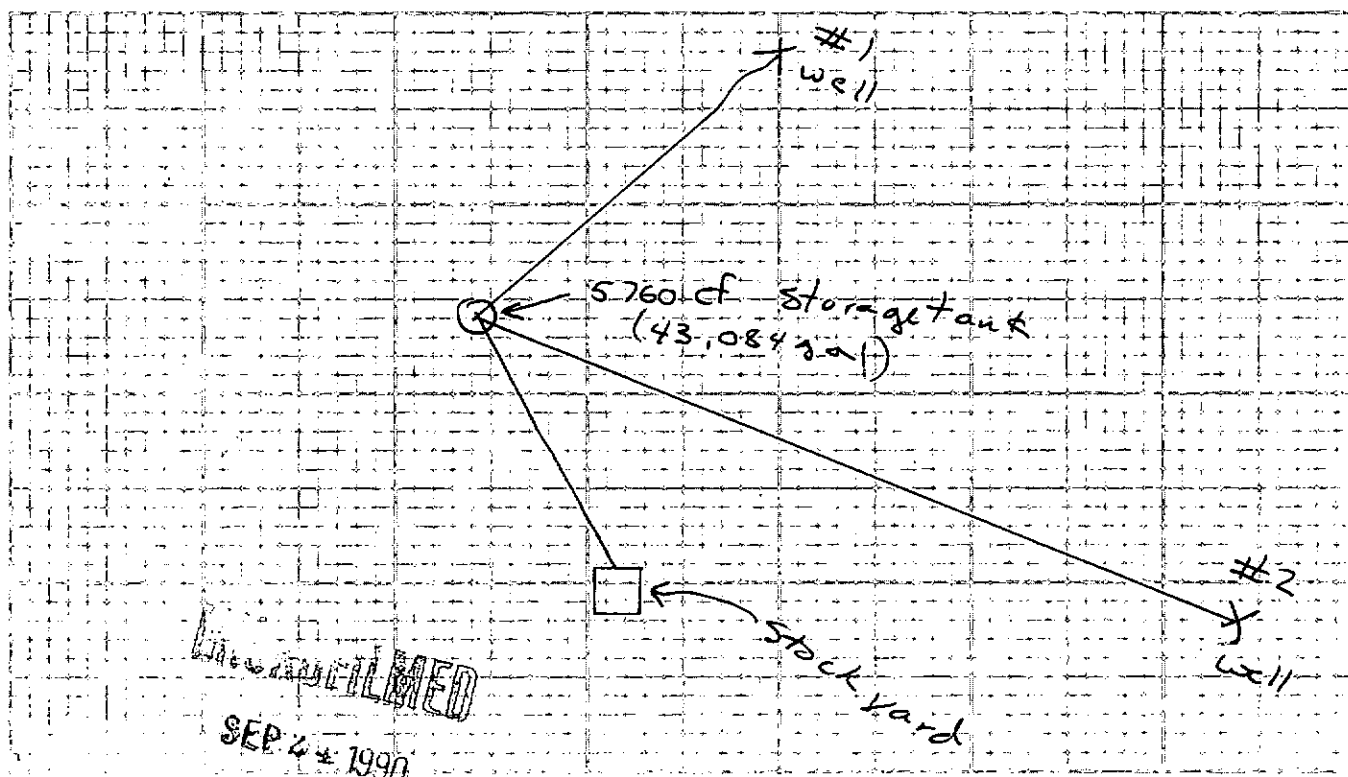
2. Other water rights with same point of diversion: NONE

☐ Copies Attached

☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

1. **Diversion System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable. ☐ Alternative diagram attached



Scale: 1" = _____

2. ☐ Copy of U.S.G.S. Quadrangle Attached
Showing location(s) of point(s) of diversion and
place(s) of use (required).

☐ Photo of Diversion and System Attached
(required for all but single household domestic groundwater, and stockwater).

☐ Aerial Photo Attached
(required for irrigation of 10 acres or more).

System Description (continued)

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

Two wells that pump to a 43,084 gal storage tank and the gravity feed to stock yard were a booster pump provides pressure around yard.

☐ See Remarks on page 4 for continuation

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
Booster	Wagner	1 hp	4861900	Jucuzzi	1"
#1	submersible				
#2	submersible				

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

5. Point(s) of Diversion:

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
#1			NE	SW	9	31N	1E	Idaho	Map
#2			SE	SE	9	31N	1E	Idaho	Map

6. Place(s) of Use:

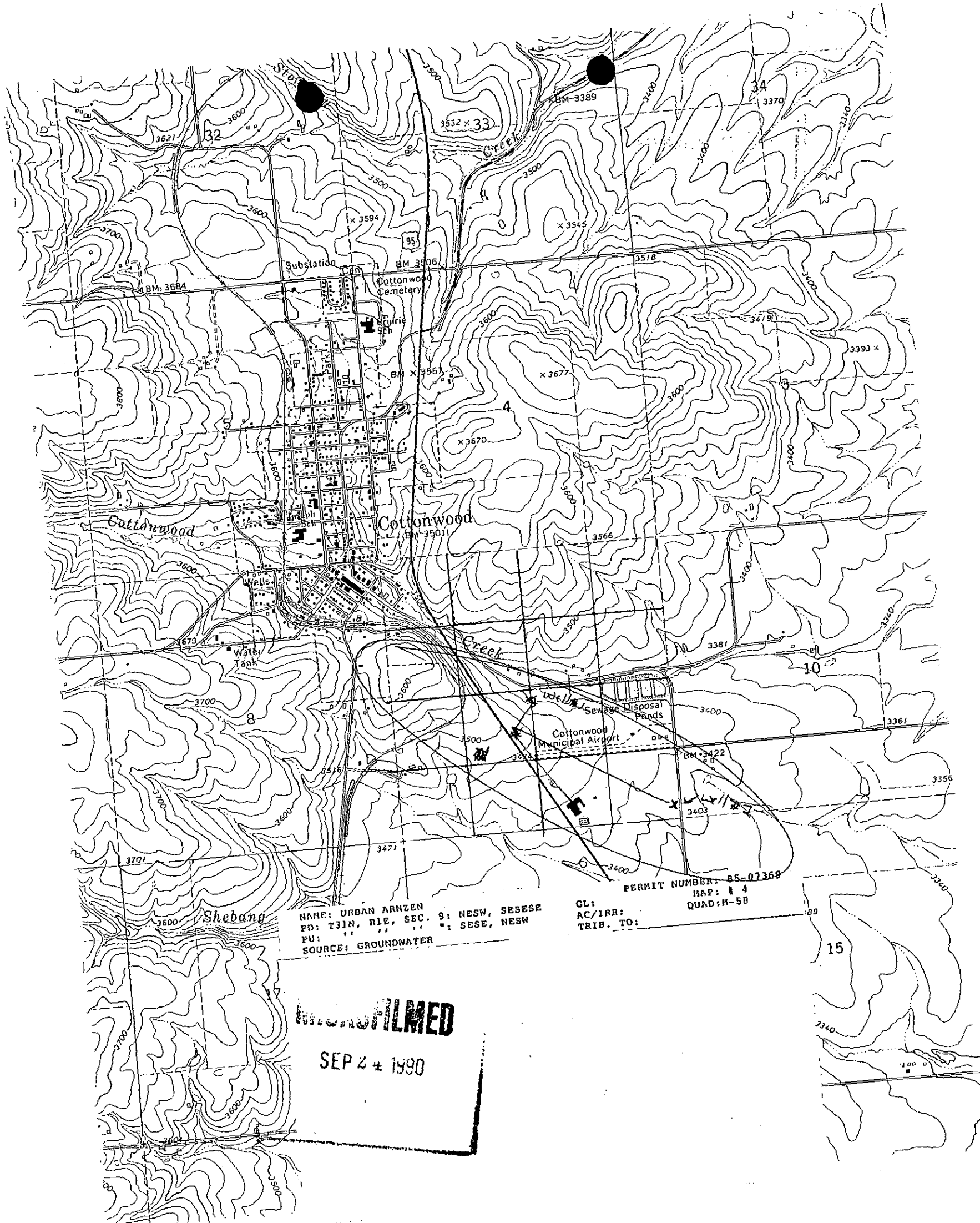
Indicate Method of Determination

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
31N	1E	9																S	
																		b	

Do not use this space

MICROFILMED

SEP 24 1990



Do not use this space

D. FLOW MEASUREMENTS

None ☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements:

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

$\#1 \quad Q = \frac{8.8(6)(.7)}{112} = .33 \text{ cfs}$
 $H = 90' + 22'$

$Q_{TOT} = .61 \text{ cfs}$

2. Alternate Method for Checking Purposes:

$\#2 \quad Q = \frac{8.8(8)(.7)}{176} = .28 \text{ cfs}$
 $H = 160' + 16'$

F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: _____ psi x 2.31 = _____ ft (1); Dynamic pumping level: _____ ft (2)

Total Head: (1) + (2) = _____ (3); Flow rate: _____ cfs (4)

Water HP: (3) x (4) ÷ 8.8 = _____ (5)

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

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

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

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

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation

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

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

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

2. Volume Calculations for Other Uses:

3000 cattle 800 hogs

cattle $(12 \text{ gal/day/head}) (3000 \text{ head}) = 36000 \text{ gal/day}$

13,140,000 gal/yr

hogs. $(4 \text{ gal/day/head}) (800 \text{ head}) = 3200 \text{ gal/day}$

1,156,684 cf/yr

1,168,000 gal/yr = 156149.7 cfs/yr

= 3.6 afa

40.3 afa for cattle
Total 43.9 afa

H. REMARKS AND OVERLAP REVIEW ANALYSIS

There were no measurement ports ~~and~~ ~~and~~ ~~and~~ ~~and~~ to get a flow measurement of diversion rate so had to estimate using $Q = \frac{8.8(7)H}{2.3(psi) + H}$

No irrigation developed

Remove measuring device requirement PSH

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Stock	1/1	12/31	.61 cfs	43.9 afa
Totals:			.61 cfs	43.9 afa

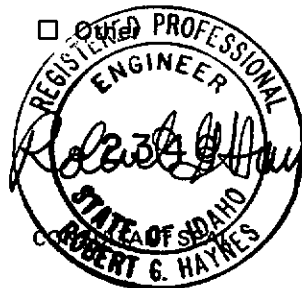
2. Recommended Amendments

- ☐ Change P.D. as reflected above ☐ Add P.D. as reflected above
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above

☒ None

J. AUTHENTICATION

Field Examiner's Name Louis Sukoraty
 Signature [Signature]
 Certification Date 2/17/89
 Field Report Preparation Date 6/13/89



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

MICROFILMED

SEP 24 1990

State of Idaho

Department of Water Resources

WELL INSPECTION FORM

This form should be completed by the examiner when conducting a field examination to determine the extent of beneficial use of water from a well or whenever a well is inspected for other reasons. The form should be forwarded to Groundwater Protection Section in the State Office upon completion.

1. Legal Description of well location. Twp. 31N, Rge. 1E,
Sec. 9, Qtr./Qtr. SWSW or Lot _____
2. Owner Urban J and Margaret Arnzen
Address P.O. Box 178, City Cottonwood, State Id
3. Approx. date of well construction 88
Well Driller Vhlenkott Drilling
4. Casing: Diameter 6" Condition good
5. Casing length above land surface 1'+
6. Well depth (ft) 476' Flowing _____ Temp. _____
Access port _____
7. Condition of piping and valving good
8. Evidence of well seal yes
9. Shut in pressure or static water level 22'
10. Evidence of leakage around the casing no
11. Does well need repair no
12. Comments none

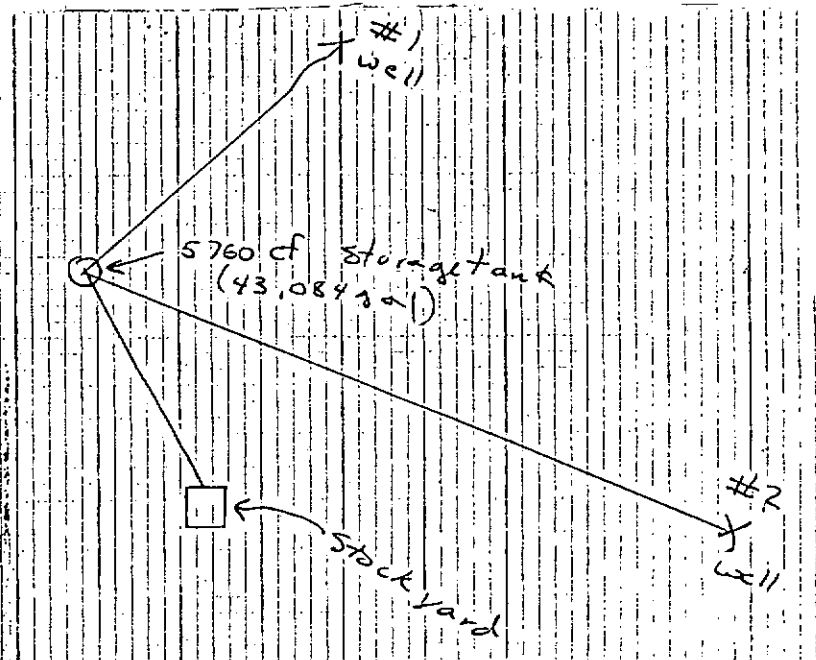
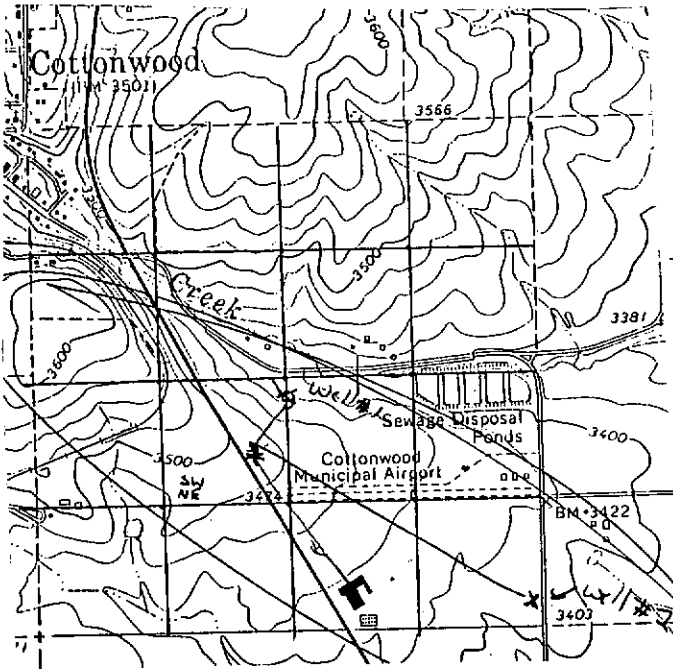
(OVER)

MICROFILMED

SEP 4 1990

SCHEMATIC

Provide a schematic diagram showing the location of the well in the quarter-quarter with respect to houses, roads, other wells or readily identifiable features.



MICROFILMED

SEP 24 1990

Inspected by Felix Schubert

Date 6/13/89

State of Idaho
Department of Water Resources
WELL INSPECTION FORM

This form should be completed by the examiner when conducting a field examination to determine the extent of beneficial use of water from a well or whenever a well is inspected for other reasons. The form should be forwarded to Groundwater Protection Section in the State Office upon completion.

1. Legal Description of well location. Twp. 31N, Rge: 1E,
Sec. 9, Qtr./Qtr. NE SW or Lot _____
2. Owner Urban J. and Margaret Arnzen
Address P.O. Box 178, City Cottonwood, State Id
3. Approx. date of well construction 76
Well Driller Uhlenkott Drilling
4. Casing: Diameter 6 Condition good
5. Casing length above land surface 1' +
6. Well depth (ft) 535' Flowing _____ Temp. _____
Access port _____
7. Condition of piping and valving good
8. Evidence of well seal yes
9. Shut in pressure or static water level 16'
10. Evidence of leakage around the casing no
11. Does well need repair no
12. Comments None

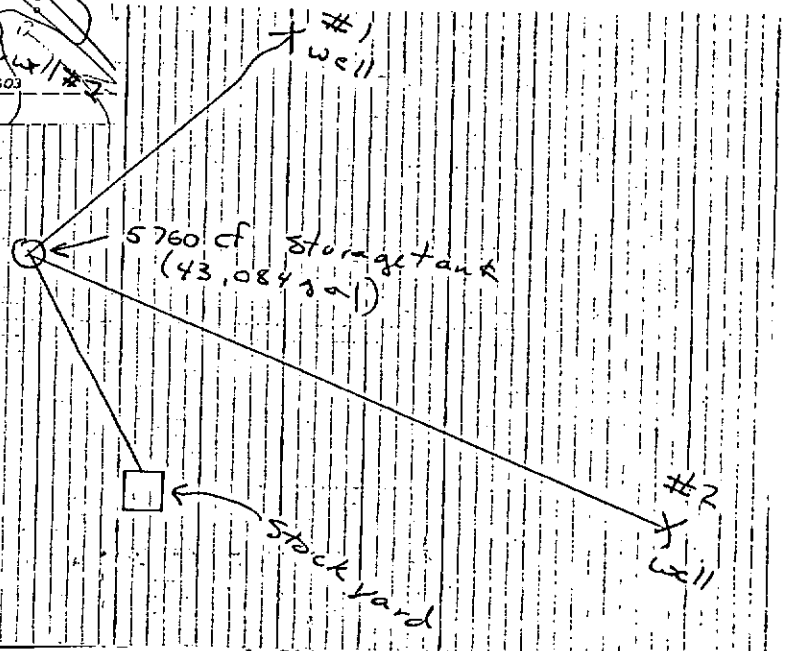
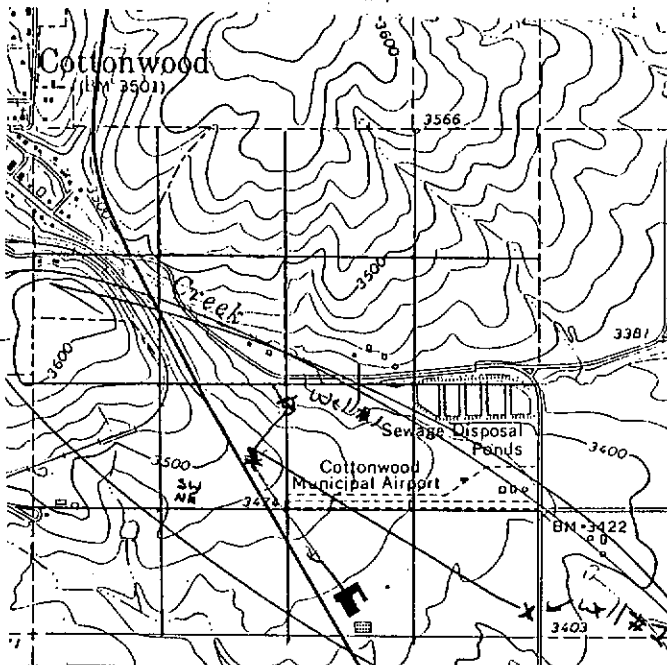
MICROFILMED

SEP 4 1990

(OVER)

SCHEMATIC

Provide a schematic diagram showing the location of the well in the quarter-quarter with respect to houses, roads, other wells or readily identifiable features.



MICROFILMED

SEP 24 1990

Inspected by John Schmitt

Date 6/13/89

WELL DRILLER'S REPORT

OCT 28 1988

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 Mr. shorty Arzen
Address Cottonwood, Idaho
Owner's Permit No. 85-7369

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe method of abandoning)

3. PROPOSED USE

☒ Domestic ☐ Irrigation ☐ Test ☐ Other (specify type)
☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection

4. METHOD DRILLED

☐ Cable ☒ Rotary ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Diameter of hole 6 inches Total depth 535 feet
Casing schedule: ☒ Steel ☐ Concrete

Thickness	Diameter	From	To
<u>.250</u> inches	<u>6-5/8</u> inches	<u>2</u> feet	<u>69</u> feet
_____ inches	_____ inches	_____ feet	_____ 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

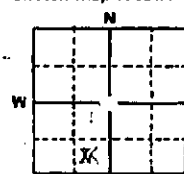
Gravel packed? ☐ Yes ☒ No Size of gravel _____

Placed from _____ feet to _____ feet

Surface seal depth 66' Material used in seal ☐ Cement grout☒ Pudding clay ☐ Well cuttingsSealing procedure used ☐ Slurry pit ☐ Temporary surface casing☒ Overbore to seal depth

6. LOCATION OF WELL

Sketch map location must agree with written location.

Subdivision Name NoneLot No. Unk Block No. Unk.County IdahoSE 1/4 SW 1/4 Sec. 9 T. 31N R. 1E E/W

7. WATER LEVEL

Department of Water Resources

Static water level hane feet below land surface
Flowing? ☐ Yes ☒ No G.P.M. flow zero
Temperature none ° F. Quality Dry hole
Artesian closed-in pressure p.s.i.
Controlled by ☐ Valve ☐ Cap ☐ Plug

8. WELL TEST DATA

☐ Pump ☐ Bailor ☒ Other (air test)

Discharge G.P.M.	Draw Down	Hours Pumped
<u>Dry hole</u>		

9. LITHOLOGIC LOG

Hole Diam.	Depth		Material	Water	
	From	To		Yes	No
<u>7-7/8</u>	<u>0</u>	<u>9</u>	Overburden, brown clay (soft)		X
	<u>9</u>	<u>19</u>	Broken rock W/brown clay (m.s.)		X
	<u>19</u>	<u>42</u>	Broken decomposed rock, colored (m.s.)		X
	<u>42</u>	<u>69</u>	Grayish basalt W/colored seams, some clay (m.s.)		X
<u>6</u>	<u>69</u>	<u>142</u>	Grayish basalt W/colored seams, some clay (m.s.)		X
	<u>142</u>	<u>151</u>	Gray basalt W/brown seams M.S.		X
	<u>151</u>	<u>153</u>	Black basalt W/white seams, soft spot (very soft)		X
	<u>153</u>	<u>168</u>	Black basalt W/brown seams (m.h.)		X
	<u>168</u>	<u>169</u>	Brownish white rock, soft spot (very soft)		X
	<u>169</u>	<u>230</u>	Black basalt W/brown seams (m.h.)		X
	<u>230</u>	<u>255</u>	Basalt chips W/brown broken rock - (med. soft)		X
	<u>255</u>	<u>283</u>	Blackish gray basalt W/brown seams - (med. hard)		X
	<u>283</u>	<u>296</u>	Basalt chips W/(mostly) brown decomposed rock (m.s.)		X
	<u>296</u>	<u>320</u>	Brownish rock W/colored rock (med. soft)		X
	<u>320</u>	<u>342</u>	Basalt chips W/colored rock W/yellow, green deposits (hard)		X
	<u>342</u>	<u>363</u>	Basalt chips W/colored rock (mostly soft)		X
	<u>363</u>	<u>405</u>	Decomposed, black and yellow rock, porous - (soft)		X
	<u>405</u>	<u>448</u>	Gray rock W/brown seams (m.s.)		X
	<u>448</u>	<u>510</u>	Brownish, decomposed rock, more like clay - (soft)		X
	<u>510</u>	<u>535</u>	no record due to the loss of air returns		X

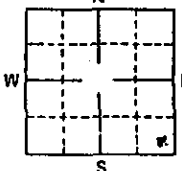
Work started Aug. 12, 1975 finished Aug. 21, 1975

11. DRILLERS CERTIFICATION

Firm Name Uhlenkott Well Drilling Firm No. 125Address Rt. 1, Box 20 Fenn, Idaho Date Dec 20, 76Signed by (Firm Official) Ray Uhlenkottand
(Operator) Patrick P. Uhlenkott

WELL DRILLER'S REPORT

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. OCT 28 1988

1. WELL OWNER Name <u>Urban & Margaret Arnyen</u> Address <u>Cottonwood Ave</u> Owner's Permit No. <u>125-85-8369</u>		7. WATER LEVEL Department of Water Resources Static water level _____ 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 <u>good</u> Describe artesian or temperature zones below.																																																																																											
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)		8. WELL TEST DATA ☐ Pump ☐ Baller ☐ Air ☐ Other _____ Discharge G.P.M. <u>3 gpm</u> Pumping Level _____ Hours Pumped _____																																																																																											
3. PROPOSED USE ☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other _____ (specify type)		9. LITHOLOGIC LOG																																																																																											
4. METHOD DRILLED ☒ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary ☐ Cable ☐ Dug ☐ Other _____		<table border="1"><thead><tr><th>Bore Diam.</th><th>Depth From</th><th>To</th><th>Material</th><th>Water Yes No</th></tr></thead><tbody><tr><td>8 1/2"</td><td>0</td><td>25</td><td>dirty clay</td><td></td></tr><tr><td></td><td>25</td><td>100</td><td>soft brown basalt</td><td></td></tr><tr><td></td><td>100</td><td>180</td><td>med hard basalt</td><td></td></tr><tr><td></td><td>180</td><td>194</td><td>softer black basalt</td><td></td></tr><tr><td></td><td>194</td><td>201</td><td>brown basalt</td><td></td></tr><tr><td></td><td>201</td><td>205</td><td>med gray basalt</td><td></td></tr><tr><td></td><td>205</td><td>241</td><td>clay</td><td></td></tr><tr><td></td><td>241</td><td>260</td><td>soft broken basalt (cave)</td><td></td></tr><tr><td></td><td>260</td><td>385</td><td>med gray basalt</td><td></td></tr><tr><td></td><td>385</td><td>400</td><td>soft brown basalt</td><td></td></tr><tr><td></td><td>400</td><td>419</td><td>med gray basalt</td><td></td></tr><tr><td></td><td>419</td><td>436</td><td>soft brown basalt</td><td></td></tr><tr><td></td><td>436</td><td>438</td><td>gray basalt</td><td></td></tr><tr><td></td><td>438</td><td>438</td><td>soft brown basalt</td><td></td></tr><tr><td></td><td>438</td><td>476</td><td>gray med basalt</td><td></td></tr><tr><td></td><td>476</td><td></td><td>casting loose rock</td><td></td></tr><tr><td></td><td></td><td></td><td>300 gpm water</td><td></td></tr></tbody></table>		Bore Diam.	Depth From	To	Material	Water Yes No	8 1/2"	0	25	dirty clay			25	100	soft brown basalt			100	180	med hard basalt			180	194	softer black basalt			194	201	brown basalt			201	205	med gray basalt			205	241	clay			241	260	soft broken basalt (cave)			260	385	med gray basalt			385	400	soft brown basalt			400	419	med gray basalt			419	436	soft brown basalt			436	438	gray basalt			438	438	soft brown basalt			438	476	gray med basalt			476		casting loose rock					300 gpm water	
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5. WELL CONSTRUCTION Casing schedule: ☐ Steel ☐ Concrete ☒ Other <u>260</u> Thickness <u>2 1/2</u> inches Diameter <u>6 1/2</u> inches From <u>0</u> feet To <u>260</u> feet Was casing drive shoe used? ☒ Yes ☐ No 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 depth _____ Material used in seal: ☐ Cement grout ☒ Bentonite ☐ Pudding 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 _____		10. WORK STARTED Work started <u>5-20-83</u> finished <u>6-10-83</u>																																																																																											
6. LOCATION OF WELL Sketch map location must agree with written location.  County <u>SE 1/4 SE 1/4 Sec. 9, T. 31 N/S, R. 1 E</u> Subdivision Name _____ Lot No. _____ Block No. _____		11. DRILLERS CERTIFICATION I/We certify that all minimum well construction standards were complied with at the time the rig was removed. Firm Name <u>Urban & Margaret Arnyen</u> No. <u>125</u> Address <u>Rt 1 Box 20</u> Date <u>10-25-88</u> Signed by (Firm Official) <u>Ray Uhlenhuth</u> and (Operator) <u>Pat Uhlenhuth</u>																																																																																											



State of Idaho
DEPARTMENT OF WATER RESOURCES

NORTHERN REGION, Suite No. 9 • 4055 Government Way • Coeur d'Alene, Idaho 83814 • (208) 765-4639

CECIL D. ANDRUS
Governor

R. KEITH HIGGINSON
Director

December 9, 1988

Mr. Urban Arnzen
P.O. Box 178
Cottonwood, Id. 83522

Re: 85-7369

Dear Mr. Arnzen:

Dear Permitholder:

We acknowledge receipt of your statement of completion of water development 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 do not know at this time when he will be able to conduct the examination; however, the examiner will try to contact you prior to the time the examination is made so that you may demonstrate the system. If you will not be available to show the system, please provide this office with the name and address of someone who will be able to do so. Your permit will remain valid until the examination is made.

If you have any questions concerning the field examination, please contact this office. Please be sure to use the above-referenced permit number in all future correspondence concerning this examination.

Sincerely,

/s/
TOM D. KING
Senior Water Resource Agent

TDK/pms

MICROFILMED

SEP 24 1990



1/88

PROOF OF BENEFICIAL USE

ANALYSIS SHEET

Permit No. 85-7369

Date: 10/31/88

General Considerations:

Y Name same as permit
Y Signature the same as permit holder
N Address change _____ If yes, prepare a data entry
Y Proof received timely _____
_____ Reinstated

Source of Water:

_____ Surface water
Y Groundwater
 Y 1. well log in file
 N/A 2. drilling permit
 _____ A. amount of drilling fee paid for proposed uses

Extent of Use and Rate of Diversion:

Y Rate of diversion appropriate for uses
 Y Is rate or volume and fee appropriate?
Y Has permit holder indicated when water was first put to a beneficial use?

Measuring Device:

Y Is a measuring device or access port required?
N Has one been installed?
N Waiver or modification of measuring device requested

Remarks:

Proof acceptable

N/A Priority Calculation:
Date proof received _____

Date proof due _____

No. of days late _____

Priority date _____

NEW PRIORITY DATE _____

SEND FILES TO DATA ENTRY AND THEN TO MICROFILM

RECEIVED

AUG 15 1988

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

PROOF OF BENEFICIAL USE

For Office Use Only
Fee Received \$100.00
Date 7/29/88
Receipt # 11-813
Receipt by JK
Reviewed by JK
Sent to region JK

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

Permit No. 85-7369

Name(s) of Permit Holder: URBAN J. & MARGARET V. ARNZEN

Post Office Address: P.O. Box 178, Cottonwood, ID 83522

Telephone No. 208 962-3284

Source of Water: Groundwater

Extent of Use:

Domestic XXXXX (number of households)

Stockwater 3,000 cattle
800 hogs (number and type of stock)

Irrigation 75 75 (acres)

Other/Remark Domestic for business

buildings, sales yard,

Total rate and/or volume for which proof is submitted .78 cfs acre-feet

Show the date water was first diverted and beneficially used under this permit: Fall 84 FALL, 1984

Measuring Device: Required? Yes X No
Installed? Yes X No

Fee enclosed \$100.00
(See License Examination Fee Schedule)

Flow Measurement Port: Required? X Yes X No
Installed? Yes X No

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

URBAN J. ARNZEN 962-3284
(Name) (Telephone Number)

P.O. Box 178, Cottonwood, ID 83522
(Address)

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.

MICROFILMED

DEC 21 1988

July 29 1988
Date

Urban J. Arzen
Signature of Permit Holder (and title, if appropriate)

LAW OFFICES
DEE, MacGREGOR AND FALES

WILLIAM J. DEE
W. C. MacGREGOR, JR.
DAREN W. FALES

MACGREGOR BUILDING
416 W. MAIN
POST OFFICE DRAWER 463
GRANGEVILLE, IDAHO 83530
AREA CODE 208
TELEPHONES 983-1740
983-0250
983-0252

July 26, 1988

State of Idaho
Department of Water Resources
4055 Government Way
Coeur d'Alene, ID 83814

RECEIVED
JUL 28 1988
Department of Water Resources
Northern District Office

RE: Urban J. and Margaret V. Arnzen

Dear Sirs:

Pursuant to your letter of July 7, 1988 you will find enclosed herein a Proof of Beneficial Use application which has been completed by the Arnzens. Also you will find a check in the amount of \$100.00 as the filing fees for such proof.

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

Thank you,

Very truly yours,

DEE, MacGREGOR & FALES

William J. Dee
WILLIAM J. DEE

WJD:jak
enc.

MICROFILMED
DEC 21 1988

RECEIVED
AUG 15 1988

Department of Water Resources

RECEIPT
For Monies Paid
to the
Idaho Department of Water Resource

Receipt No: N000813

Date: 07/29/88
Time: 09:05:37

Received
From: ARNZEN, M.V.

Type of Payment	Program A cct	Amount
PROOF OF BENEFICIAL USE	0650122 1238 6490	\$100.00
	Total	\$100.00

CHECK 2309

Idaho Department of Water Resources

Region: Northern

Signature: *J. King*

MICROFILMED

DEC 21 1988

To: File 85-7369

From: Groundwater Protection

Date: 10/31

Drilling Permit: ✓ Not Applicable
 Found and in file
 Not Found

Well Drillers Report:

 Not found, due to reported age of well
 X probably not available
 Found and is in file
 Not found

Follow-up

 Request from permit holder the well
drillers report and/or the name of the
well driller, *and date drilled.*
 Ask permit holder when well was drilled
and notify holder of drilling permit
requirement if after July 01, 1987.

OK *gib*

MICROFILMED
DEC 21 1988

USE TYPEWRITER OR
BALL POINT PEN

State of Idaho
Department of Water Administration

RECEIVED

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.

OCT 28 1988

1. WELL OWNER

Name Mr. shorty Arzen
Address Cottonwood, Idaho
Owner's Permit No. 85-7369

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe method of abandoning)

3. PROPOSED USE

☒ Domestic ☐ Irrigation ☐ Test ☐ Other (specify type)
☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection

4. METHOD DRILLED

☐ Cable ☒ Rotary ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Diameter of hole 6 inches Total depth 535 feet
Casing schedule: ☒ Steel ☐ Concrete

Thickness	Diameter	From	To
<u>.250</u> inches	<u>6-5/8</u> inches	<u>+ 2</u> feet	<u>69</u> feet
_____ inches	_____ inches	_____ feet	_____ 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

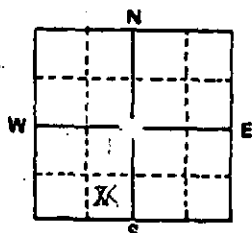
Manufacturer's name _____
Type _____ Model No. _____
Diameter _____ Slot size _____ Set from _____ feet to _____ feet
Diameter _____ Slot size _____ Set from _____ feet to _____ feet

Gravel packed? ☐ Yes ☒ No Size of gravel _____
Placed from _____ feet to _____ feet

Surface seal depth 66' Material used in seal ☐ Cement grout
☒ Puddling clay ☐ Well cuttings
Sealing procedure used ☐ Slurry pit ☐ Temporary surface casing
☒ Overbore to seal depth

6. LOCATION OF WELL

Sketch map location must agree with written location.



Subdivision Name None
Lot No. Unk Block No. Unk

County Idaho

SE SW 9 31N / 1E // 1/4 1/4 Sec. T. N/S. R. E/W

7. WATER LEVEL

Department of Water Resources

Static water level hane feet below land surface
Flowing? ☐ Yes ☒ No G.P.M. flow zero
Temperature none ° F. Quality Dry hole
Artesian closed-in pressure _____ p.s.i.
Controlled by ☐ Valve ☐ Cap ☐ Plug

8. WELL TEST DATA

☐ Pump ☐ Bailer ☒ Other (air test)

Discharge G.P.M.	Draw Down	Hours Pumped
Dry hole		

9. LITHOLOGIC LOG

Hole Diam.	Depth		Material	Water	
	From	To		Yes	No
6					
7-7/8	0	9	Overburden, brown clay (soft)	X	
	9	19	Broken rock W/brown clay (m.s.)	X	
	19	42	Broken decomposed rock, colored (m.s.)	X	
	42	69	Grayish basalt W/colored seems, some clay (m.s.)	X	
6	69	142	Grayish basalt W/colored seems some clay (m.s.)	X	
	142	151	Gray basalt W/brown seems M.S.	X	
	151	153	Black basalt W/white seems, soft spot (very soft)	X	
	153	168	Black basalt W/brown seems (m.h.)	X	
	168	169	Brownish white rock, soft spot (very soft)	X	
	169	230	Black basalt W/brown seems (Mh.)	X	
	230	255	Basalt chips W/brown broken rock - (med. soft)	X	
	255	283	Blackish gray basalt W/brown seems - (med. hard)	X	
	283	296	Basalt chips W/(mostly) brown decomposed rock (m.s.)	X	
	296	320	Brownish rock W/colored rock (med. soft)	X	
	320	342	Basalt chips W/colored rock W/yellow, green deposits (hard)	X	
	342	363	Basalt chips W/colored rock (mostly soft)	X	
	363	405	Decomposed, black and yellow rock, pourse - (soft)	X	
	405	448	Gray rock W/brown seems (m.s.)		
	448	510	Brownish, decomposed rock, more like clay - (soft)	X	
	510	535	no record due to the loss of air returns		

11. DRILLERS CERTIFICATION

Firm Name Uhlenkott Well Drilling Firm No. 125
Address Rt. 1, Box 20 Penn, Idaho Date Dec 20, 7
Signed by (Firm Official) Ray Uhlenkott
and Patricia R. Uhlenkott
(Operator)

5 OCT 28 1988

USE ADDITIONAL SHEETS IF NECESSARY - FORWARD THE WHITE COPY TO THE DEPARTMENT



State of Idaho
DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720 - (208) 334-7900

CECIL D. ANDRUS

GOVERNOR

R. KEITH HIGGINSON

DIRECTOR

September 30, 1988

Ray Uhlenkott
Uhlenkott Well Drilling
Route 1, Box 20
Fenn, ID 83531

RE: Well Logs for Arnzen
85-7369

Dear Mr. Uhlenkott:

I have been told that you have drilled two wells for Urban and Margaret Arnzen. The wells were drilled in 1983 and 1975 and are in the NE $\frac{1}{4}$ SW $\frac{1}{4}$ and in the SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 9, T31N, R1E. Please provide logs for these two wells within 30 days.

If you do not have logs or did not drill these wells, please let me know.

Sincerely,

A handwritten signature in cursive script that reads "John E. Beal".

JOHN E. BEAL, Manager
Groundwater Protection Section

JEB:ldt(GP12-1.135)

MICROFILMED

DEC 21 1988

UHLENKOTT WELL DRILLING AND SUPPLIES

PUMP SALES AND SERVICE

FENN, IDAHO 83531

Phone 962-3923

Well Log

Depth and Strata

RECEIVED
SEP 26 1988

WELL NO. CPW1-Well 188

OWNER OF WELL Mr. Shorty Arnzen
LOCATION OF WELL south of old ~~Slaughter~~ house (south of Hwy 95-old-)
NEAREST POST OFFICE Cottonwood
STATE Idaho COUNTY Idaho
DRILLING BEGUN August 21, 1975 WELL FINISHED August 26, 1975

Department of Water Resources

Well Record

4" PVC X 160 PSI 4 inch-From 48 to 268 feet
CASING SIZE 6-5/8" X .250 CASING DEPTH 6-5/8" to 74 feet-2' AGS
HOLE SIZE 6 inches HOLE DEPTH drilled to 415. Caved in
CAPACITY OF WELL 30 G.P.M. Static: 30' BGS at 268' (hole depth-268')
PUMP SETTINGS Check Pump Records
CASING PERFORATIONS 60 feet of 4 inch PVC - From 208 to 268 feet

Well log is
on Page 2

Invoice

DATE December 29, 1975

Item	Unit Price	Amount
6 inch drilling-- 415 feet	\$ 9.00	\$ 3,735.00
6 inch casing-- 76 feet	5.50	418.00
6 inch drive shoe-- 1	25.00	25.00
6 inch driveing-- 22 feet	1.00	22.00
4 inch PVC liner-- 220 feet	2.80	616.00
bentonite-- 1 sack	5.00	5.00
Credit on unused portion of hole-- \$5.00 on 147 feet		735.00

TOTAL AMOUNT DUE \$ 4,086.00

(Pat)

MEMO:

Paid 12-31-76 \$ 7984.00

MICROFILMED

DEC 21 1988

(over)

Shorty Arnzen
Cottonwood, Idaho 83522
CP#1, Well 188

Well Log

0 feet	Topsoil, Brown clay - (soft)
10 feet	Small boulders - (med. hard)
12 feet	Brown Clay - (soft)
42 feet	Broken rock, big chips - (med. soft)
83 feet	Black basalt W/green deposits - (med. hard)
90 feet	Blackish gray basalt W/brown seems - (med. hard)
122 feet	Gray rock W/brown seems - (med. soft)
160 feet	Blackish gray basalt W/brown seems - (med. hard)
250 feet	Black basalt - (hard)
290 feet	Blue shale W/black chips (med. hard)
320 feet	Wood chips W/blue shale - (med. soft)
360 feet	Blackish gray basalt - (med. hard)
415 feet	

Hit water at-(or between) 74 to 140 feet -- 10 G.P.M.
Hit water at 320 feet -- 15 G.P.M.
(air test)

(pat)

UHLENKOTT WELL DRILLING AND SUPPLIES

Well Log

PUMP SALES AND SERVICE

Depth and Strata

FENN, IDAHO 83531

Phone 962-8928

962-3209

WELL NO. _____

0-25 dirt-clay

25-100 soft brown
basalt

100-180 med brown
basalt

180-194 soft
black basalt

194-201 brown
basalt

201-205 med
gray basalt

205-211 clay

211-260 soft basalt
broken (some 300 p.p.m.)

260-385 med gray
basalt

385-400 soft
brown basalt

400-419 med
gray basalt

419-426 soft
brown basalt

426-430 gray basalt

430-436 soft brown basalt

436-476 gray med basalt

476- casing down rock (300 p.p.m.) water

OWNER OF WELL

LOCATION OF WELL

NEAREST POST OFFICE

STATE

COUNTY

DRILLING BEGUN

WELL FINISHED

Well Record

CASING SIZE

CASING DEPTH

HOLE SIZE

HOLE DEPTH

CAPACITY OF WELL

PUMP SETTINGS

CASING PERFORATIONS

Invoice

DATE

Item

Unit Price

Amount

260 ft 10" drilling

18.00

4,680.00

220 ft 8" drilling

13.50

2,970.00

260 ft 8" casing

9.00

2,340.00

480 ft 6" PVC

4.80

2,304.00

1 drive shoe 8"

85.00

6 sacks bentonite

10.00

60.00

John Kaufman (Geologist)

50.00

TOTAL AMOUNT DUE

12,489.00

MEMO:

DEC 21 1983

Deduct 2% for cash which is \$249.78 Balance: \$12,239.22

2nd - producing well - East end of property
Very good Well

Urban J. Arnzen

September 14, 1988

Urban J. and Margaret V. Arnzen
P. O. Box 178
Cottonwood, ID 83522

RE: Permit No. 85-7369

Dear Permit Holder:

The department received your Proof of Beneficial Use form, however, before completing processing, additional information is needed.

If you have a well driller's report, please send a copy to the department. If you do not have one, please let me know who drilled the well and when it was drilled.

Please remit the requested information by October 14, 1988 to keep your permit in good standing.

If you have any questions, feel free to call me.

Sincerely,

RITA FLECK
Secretary/Records Manager

c: N. Region

MICROFILMED
DEC 21 1988

To: File 85-7369

From: Groundwater Protection

Date: 8/24/88

Drilling Permit: ☒ Not Applicable
☐ Found and in file
☐ Not Found

Well Drillers Report:

☐ Not found, due to reported age of well
probably not available
☐ Found and is in file
☒ Not found

Follow-up ? ☒ Request from permit holder the well
drillers report and/or the name of the
well driller.
☐ Ask permit holder when well was drilled
and notify holder of drilling permit
requirement if after July 01, 1987.

One well pit will not have log
One well 270' X 8" should have
log ? maybe ?

jm

MICROFILMED

DEC 21 1988

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

STATEHOUSE
BOISE, IDAHO 83720
(208) 334-4440

ARNZEN, URBAN J. & MARGARET V.
P.O. BOX 178
COTTONWOOD, ID 83522

NOVEMBER 22, 1983

RE: PERMIT NO. 85-7369

DEAR PERMIT HOLDER:

ENCLOSED IS A COPY OF YOUR APPROVED APPLICATION FOR PERMIT. WE DIRECT YOUR ATTENTION TO THE CONDITIONS OF APPROVAL ON THE FOURTH PAGE.

BE SURE TO NOTE THE SPECIAL CONDITION REQUIRING YOU TO INSTALL A MEASURING DEVICE, OR AN ACCESS PORT TO PROVIDE FOR THE INSTALLATION OF MEASURING EQUIPMENT BY THE DEPARTMENT. ENCLOSED PLEASE FIND A LIST OF MEASURING DEVICE OPTIONS, AND SPECIFICATIONS FOR THE INSTALLATION OF THE ACCESS PORT.

THE 1982 IDAHO LEGISLATURE ADDED A REQUIREMENT THAT AS A PERMIT HOLDER YOU MUST COMMENCE THE EXCAVATION OR CONSTRUCTION OF DIVERTING WORKS WITHIN ONE YEAR OF THE DATE THE PERMIT WAS ISSUED, AND YOU MUST PROCEED DILIGENTLY UNTIL THE PROJECT IS COMPLETED. THE ENCLOSED BLUE CARD MUST BE COMPLETED AND RETURNED TO THIS OFFICE AS SOON AS YOU COMMENCE CONSTRUCTION, NO LATER THAN ONE YEAR FROM THE DATE THE PERMIT WAS APPROVED.

WE HAVE ENCLOSED INSTRUCTIONS ENTITLED "MAKING PROOF OF BENEFICIAL USE". PLEASE READ THE INSTRUCTIONS CAREFULLY SINCE YOU MUST TAKE FURTHER ACTION TO DEVELOP THIS PERMIT INTO A LICENSE.

MICROFILMED

RE: PERMIT 85-7369

PAGE 01
NOVEMBER 22, 1983

SINCERELY,

DAVID R. TUTHILL, JR., P.E.
SUPERVISOR, WATER ALLOCATION SECTION

ENCLOSURE

NOV 22 1983

State of Idaho
Department of Water Resources

APPLICATION FOR PERMIT ANALYSIS SHEET

INITIAL REVIEW BY: JK

APPLICATION NUMBER: 85-7369

CHECK:

- ☒ Source.
☒ Point of diversion.
☒ County.
☒ Quantity of water and period of use.
☒ Description of diverting works.
☒ Time required for beneficial use of water.
☒ Place of use or acres irrigated.
☒ Map.
☒ Signature.
☒ Fee.
☐ Yes ☒ No Field check required.
☐ Yes ☒ No Critical groundwater area.
☐ Yes ☒ No Request dam safety information. Sent by: _____ Date: _____
☐ Yes ☐ No* In form to receipt.

Field check by: _____

Date: _____

Comments: _____

*REQUEST THE FOLLOWING ADDITIONAL INFORMATION FROM THE APPLICANT: _____

SEND COPIES TO:

- ☐ Idaho State Health Department.
☐ Idaho Fish and Game Department.
☐ Idaho Department of Lands.
☐ U.S. Bureau of Land Management.
☐ U.S. Forest Service.
☐ Other _____

Copies sent by: _____ Date: _____

PROCESSING:

- ☐ Yes ☐ No Platted by: _____ Map No. _____
☐ Yes ☐ No Other rights on same place of use. _____
☒ Yes ☐ No* In form for advertising.
Final date for protests: 9/19/83
☐ Yes ☒ No Protests received. If yes, record information on 4th page of application.

FINAL REGIONAL PROCESSING REVIEW:

- ☒ Affidavit of publication received. Date: 9/12/83
☒ Application published correctly. If not, record action taken: _____
☒ Fee amount, receipt date & number, recorded on application.
☒ Publication dates and paper, recorded on application.
☒ Protests, dates, withdrawal, etc., recorded on application.
☒ Recommendation & initial, recorded on application.
☒ Yes ☐ No Measuring device required.
☒ Yes ☐ No Access port required.
☐ Yes ☒ No Will water be delivered by watermaster? If yes, what district? _____
☒ 6/9/83 Date of priority recommended.
Special conditions of approval or cover letter. _____

By: RJA Date: 10/3/83

STATE OFFICE REVIEW:

L03, L17 26 OIC

- ☐ See attached sheet for more information.

By: KW Date: 10/31/83

Department of Water Resources

POINT OF DIVERSION AND STREAM INDEX INFORMATION

TRACT SEC TWP RGE gov't rediv. REACH
lot (R)

IDAHO STREAM CODE INDEX

TRACT SEC TWP RGE gov't rediv. REACH
lot (R)

IDAHO STREAM CODE INDEX

TRACT SEC TWP RGE gov't rediv. REACH
lot (R)

IDAHO STREAM CODE INDEX

TRACT SEC TWP RGE gov't rediv. REACH
lot (R)

IDAHO STREAM CODE INDEX

TRACT SEC TWP RGE gov't rediv. REACH
lot (R)

IDAHO STREAM CODE INDEX

85-2369-

ARNZEN, URBAN J. &/or MARGARET V.

P.O. BOX 178, COTTONWOOD, ID 83522

Source: GROUNDWATER

Date Filed: 06/09/1983

Diversion Pt: NESW SESE Sec 09 T 31N R 01E

Use: IRRIGATION	(0.10 CFS)
STOCKWATER	(0.65 CFS)
DOMESTIC	(0.02 CFS)

In: SWSE SESE Sec 09 T 31N R 01E NESW SWSE SESE Sec 09 T 31N R 01E
FOR 75 ACRES

RECEIVED
JUN 10 1983

LAW OFFICES
DEE AND MACGREGOR

WILLIAM J. DEE
W. C. MACGREGOR, JR.

MACGREGOR BUILDING
416 W. MAIN
GRANGEVILLE, IDAHO 83530
AREA CODE 208
TELEPHONES 983-1740
983-0250
983-0252

June 21, 1983

Idaho Department of Water Resources
4055 Government Way, Suite #9
Coeur d'Alene, Idaho 83814

Attention: Tom King

RE: S & J Cattle Co. Water Permit Applications

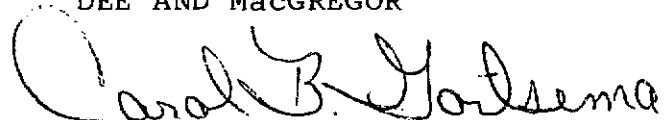
Dear Mr. King:

Pursuant to your Speed Letter of 6/10/83, enclosed you will find a check, in the sum of \$270.00, in the above entitled matter.

Trusting that the same is satisfactory, I remain

Very truly yours,

DEE AND MacGREGOR



Carol B. Gortsema
Secretary

Enclosure

RECEIVED

JUN 23 1983

Department of Water Resources
Northern District Office

RECEIVED
JUN 23 1983

LAW OFFICES
DEE AND MACGREGOR

WILLIAM J. DEE
W. C. MACGREGOR, JR.

MACGREGOR BUILDING
416 W. MAIN
GRANGEVILLE, IDAHO 83530
AREA CODE 208
TELEPHONES 983-1740
983-0250
983-0252

July 18, 1983

State of Idaho
Department of Water Resources
Northern Region
Suite No. 1
4055 Government Way
Coeur d'Alene, Idaho 83814

Attention: Tom King

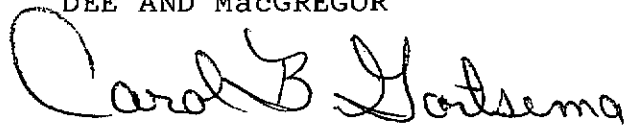
RE: Arnzen Application for Water Permits

Dear Mr. King:

Pursuant to your request, enclosed you will find a check, in the sum of \$15.00, in the above entitled matter.

Very truly yours,

DEE AND MacGREGOR



Carol B. Gortsema
Secretary

Enclosure

RECEIVED
JUL 25 1983

RECEIVED
JUL 25 1983

Department of Water Resources
Northern District Office

Speed Letter

FROM: *Edna H. H. H.*
Mr. John H. H.
4635 Hawthorn Way Suite #9

Ed. H. H. H.

Prin. d'Alena, Ed. 83814

I. Little to Water Permit Applications

GE
Dear Bill

*I am returning the two copies of S & G Applications which
you instructed the rest to this Office. I am retaining nine (9) original
Applications. The fee for the Applications was reduced when you
lowered the rate of \$100.00 to \$92.94 in
the amount of \$7.06.*

2(307) - 292

Date

Signed

REPLY

POOR QUALITY ORIGINAL

RECEIVED

JUN 23 1983

Date

Department of Water Resources
Northern District Office
Signed

LAW OFFICES
DEE AND MACGREGOR

WILLIAM J. DEE
W. C. MACGREGOR, JR.

MACGREGOR BUILDING
416 W. MAIN
GRANGEVILLE, IDAHO 83530
AREA CODE 208
TELEPHONES 983-1740
983-0250
983-0252

June 8, 1983

State of Idaho
Department of Water Resources
Northern Region
Suite No. 1
4055 Government Way
Coeur d'Alene, Idaho 83814

ATTENTION: Tom King

RE: Arnzen and S & J Cattle Company Application
For Water Permits

Dear Tom:

Enclosed you will find nine (9) applications and our check in the sum of \$285.00, the later being for filing fees. I have followed your suggestions and have left your comments on the particular applications so that you can recheck them. I have made the livestock watering conform to the sheet that you sent down to me.

I sincerely hope that I have them right this time.

Very truly yours,

DEE & MacGREGOR

Bill
WILLIAM J. DEE

WJD:jak
enc.

RECEIVED

JUN 9 1983

Department of Water Resources
Northern District Office

RECEIVED

JUN 23 1983

Department of Water Resources
Northern District Office