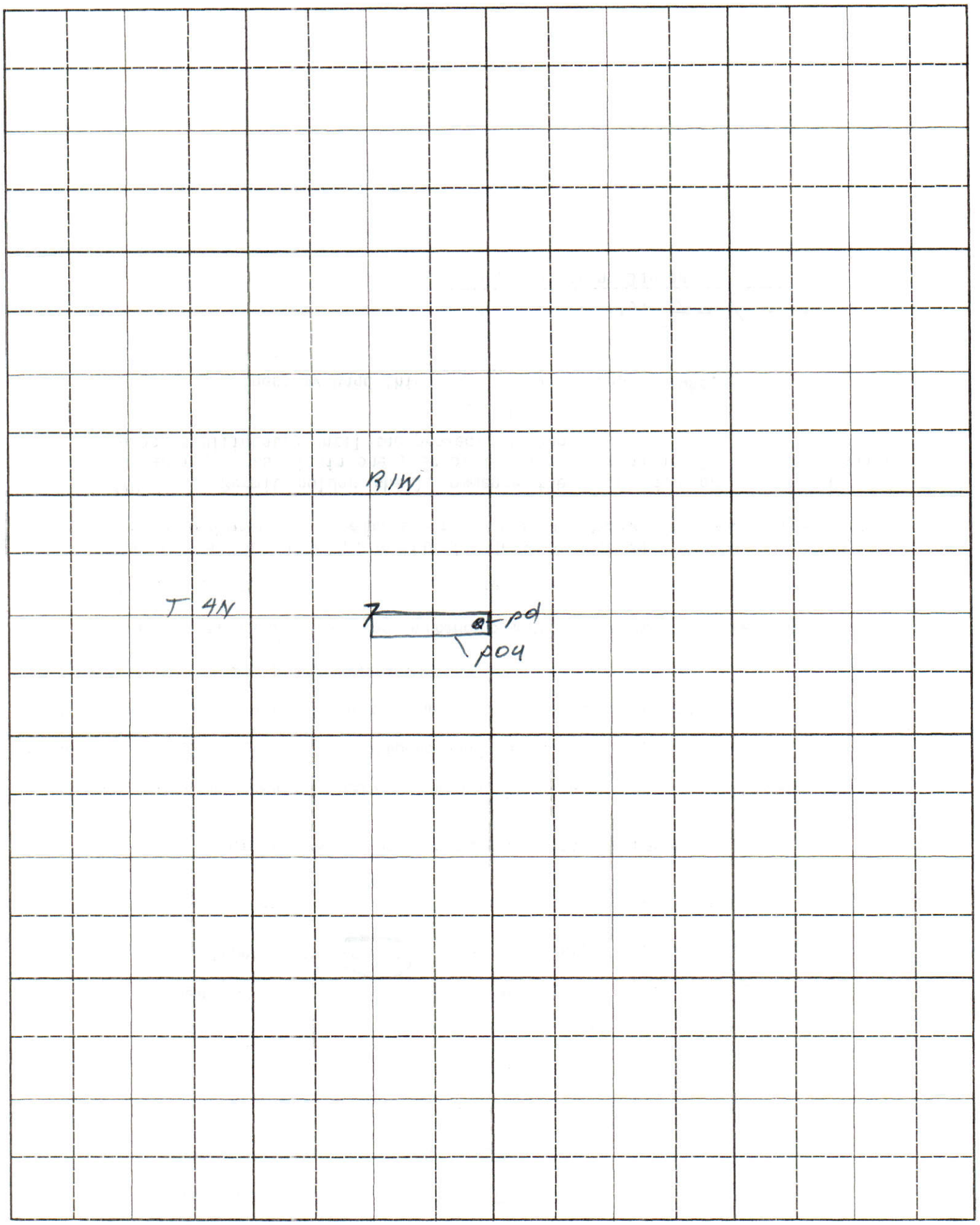
11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



Scale: 2 inches equal 1 mile.

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

x Violet D. Slake
(Applicant)

MICROFILMED

STATE OF IDAHO)
)ss.
COUNTY OF ADA)

Susan K. Mayer, being duly sworn, deposes and says: That she is the Principal Clerk of The Idaho Statesman, a daily newspaper printed and published at Boise, Ada County, State of Idaho, and having a general circulation therein and which said newspaper has been continuously and uninterruptedly published in said County during a period of twelve consecutive months prior to the first publication of the notice, a copy of which is attached hereto; that said notice was published in the regular edition of The Idaho Statesman for two insertions, beginning with the issue of July 19, 1984, and ending with the issue of July 26, 1984.

Susan K. Mayer

Subscribed and sworn to before me this 26th day of July, 1984.

Dorothy Eguren
Notary Public for Idaho, Residing at Boise, Idaho

NOTICE OF APPLICATION FOR WATER RIGHT

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

63-10256 .38

BLAKE, DALE E. &/or VIOLET D.
BOX 57, STAR, ID 83669
Source: GROUNDWATER
Date Filed: 06/28/1984
Diversion Point: NESE Sec 07 T 04N R 01W
Use: IRRIGATION (0.60 CFS)
In: NESE NWSE Sec 07 T 04N R 01W FOR 30 ACRES

The permit(s) will be subject to all prior water rights. Protests must be filed with the Director, Department of Water Resources, Western Region, Statehouse, Boise, Idaho 83720 on or before AUGUST 6, 1984.

A. KENNETH DUNN
Director

Pub. July 19, 26, 1984 5549

RECEIVED
JUL 31 1984
Department of Water Resources
Western Regional Office

MICROFILMED

Form 219
6/86

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No. 63-10256

1. Owner: Dale E & Violet Blake — Phone No. 286-7979

   Current Address: P.O. Box 57; Star, Idaho 83669

2. Accompanied by: Dale Blake — EXAM. DATE: 6-26-90

   Address: same as above — Phone No. same as above

   Relationship to Permit Holder: owner

3. Source: groundwater tributary to none

B. OVERLAP REVIEW

1. Other water rights with same place of use: 63-4699

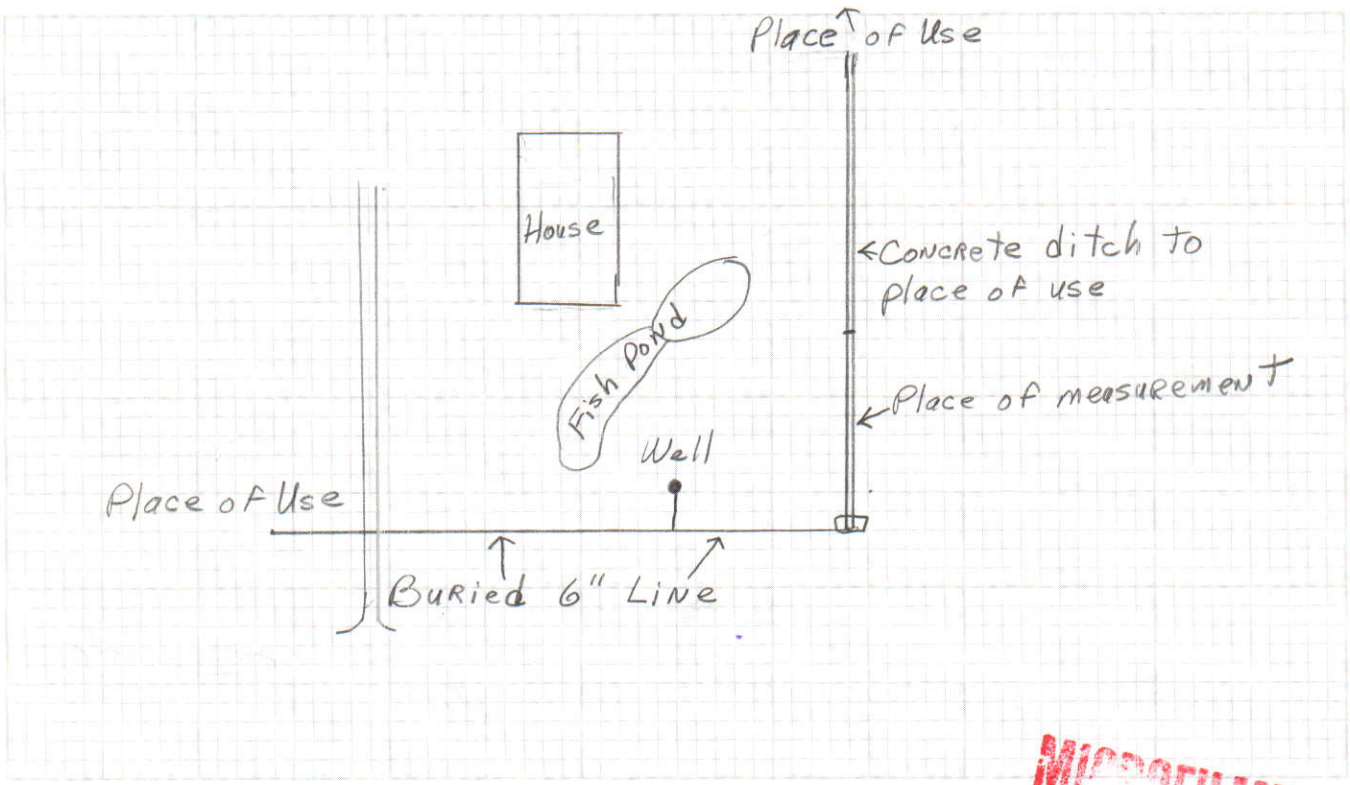
   ☒ Copies Attached N/A

2. Other water rights with same point of diversion: 63-4699

   ☒ Copies Attached N/A ☐ 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" = 50'.

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

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

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

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DEC 11 1991

(1-90)

PERMIT NO. 63-10256

WORKSHEET FOR TRAPEZOIDAL CEMENT DITCH VOLUME CALCULATIONS AND DIVERSION RATE CALCULATIONS

48' of concrete ditch.

A. Measured time ~~to fill~~ ---------- = 60 sec sec.

B. Cross sectional area calculations.

1. Side W length determination
   ({V 32"} - {Y 12"})/2 = 10" (W)
2. Area determination of sections A and C
   .8 (W 10") * (X 11.4") .8 = .79 .64 Sq. Ft.
3. Area determination of section B
   .8 (X 11.4") * (Y 12") 1 = .95 .8 Sq. Ft.
4. Total of cross sectional area
   (B. 2.) + (B. 3.) = 1.74 1.44 Sq. Ft.

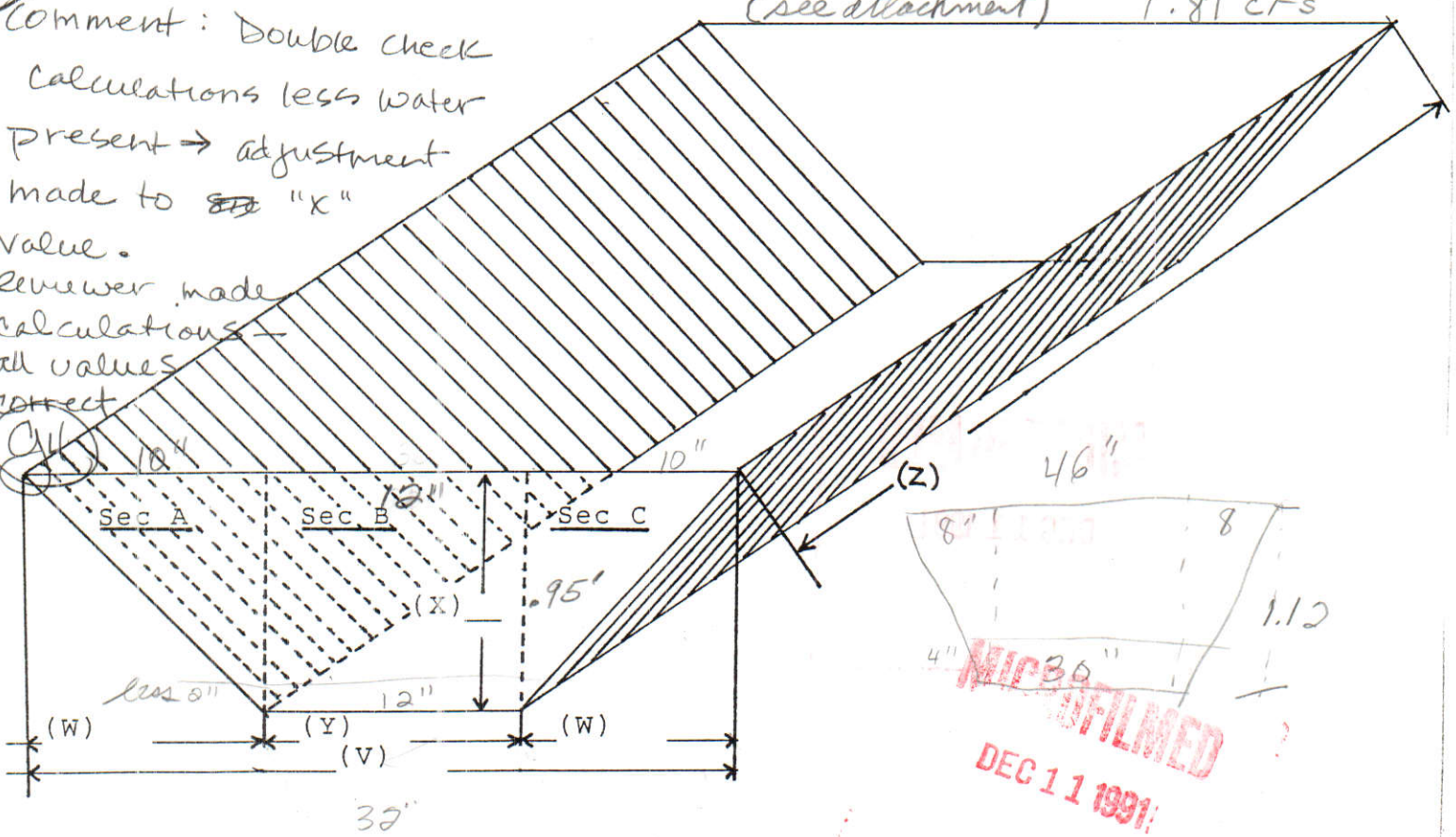
C. Length of ditch segment ---------- = 48 Ft. (Z)

D. Total volume of ditch segment.
Area times length of section.
(B. 4.) * (Z) = 83.52 69.12 Cu. Ft.
2" water in ditch prior to measurement → − 8.00
75.52

D. Diversion rate calculation
Total ditch volume / Time to fill.
(D.) / (A) = 1.26 1.15 CFS
catch basin (see attachment) − .55 cfs
1.81 cfs

Done

Comment: Double check calculations less water present → adjustment made to ~~Sec~~ "X" value.
Reviewer made calculations — all values correct.
CH



MICROFILMED
DEC 11 1991

(1-90)

PERMIT NO. 63-10256

WORKSHEET FOR
TRAPEZOIDAL CEMENT DITCH VOLUME CALCULATIONS
AND
DIVERSION RATE CALCULATIONS

Concrete catch basin prior to water entering ditch.

A. Measured time ~~to fill~~ ---------- = 60sec. sec.

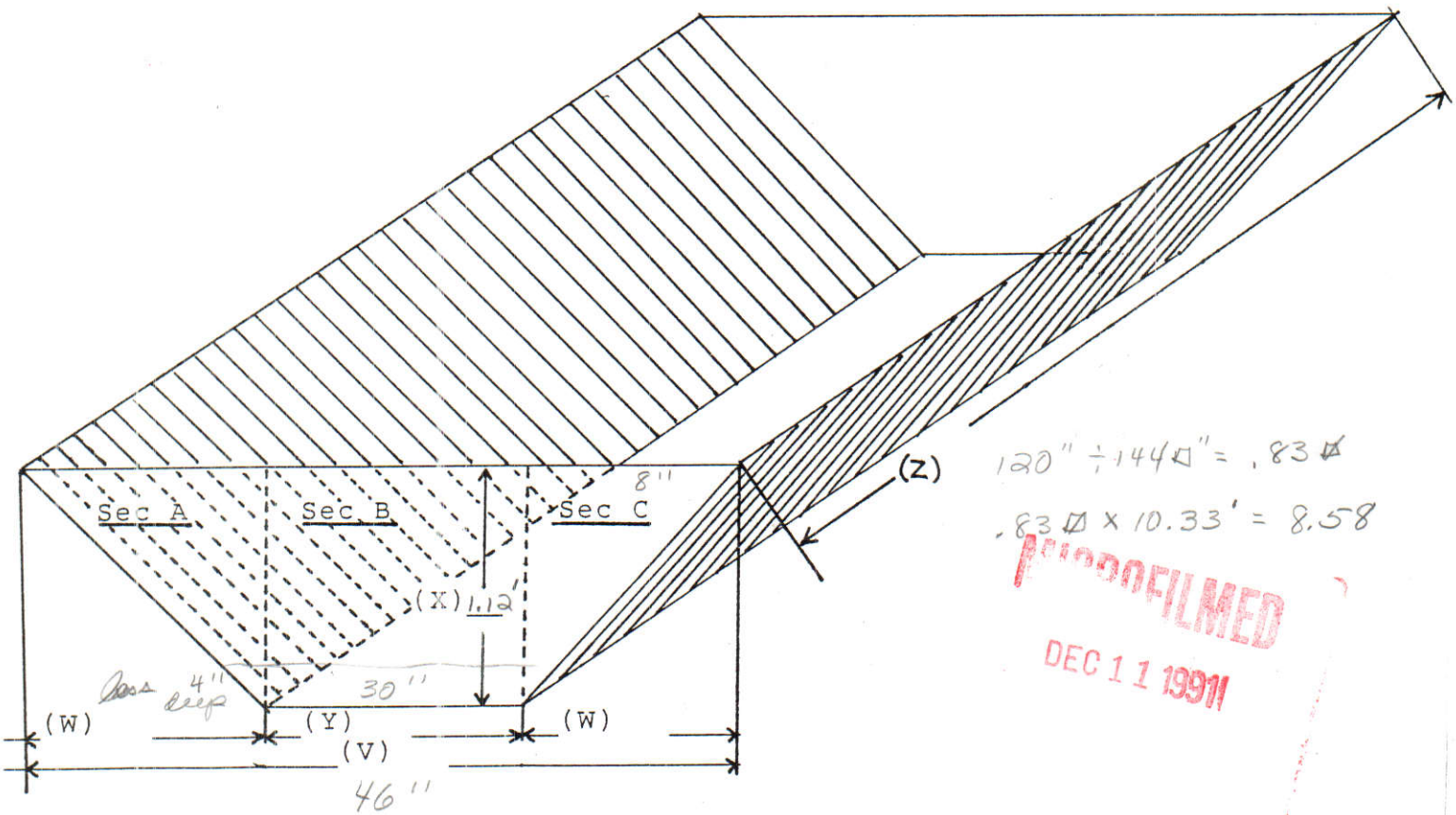
B. Cross sectional area calculations.

1. Side W length determination
   ({V 46"} - {Y 30"})/2 = 8" (W)
2. Area determination of sections A and C
   (W 8") * (X 13.44") = .75 Sq. Ft.
3. Area determination of section B
   (X 13.44") * (Y 30") = 2.8 Sq. Ft.
4. Total of cross sectional area
   (B. 2.) + (B. 3.) = 3.55 Sq. Ft.

C. Length of ditch segment ---------- = 10.33 Ft. (Z)

D. Total volume of ditch segment.
Area times length of section.
+ 18" x 32" pipe = 4.71
(B. 4.) * (Z) = 36.68 Cu. Ft.
41.38
4" of water in basin prior to measurement → − 8.58
32.80

D. Diversion rate calculation
Total ditch volume / Time to fill.
(D.) / (A) = .55 CFS



120" ÷ 144□" = .83□

.83□ x 10.33' = 8.58

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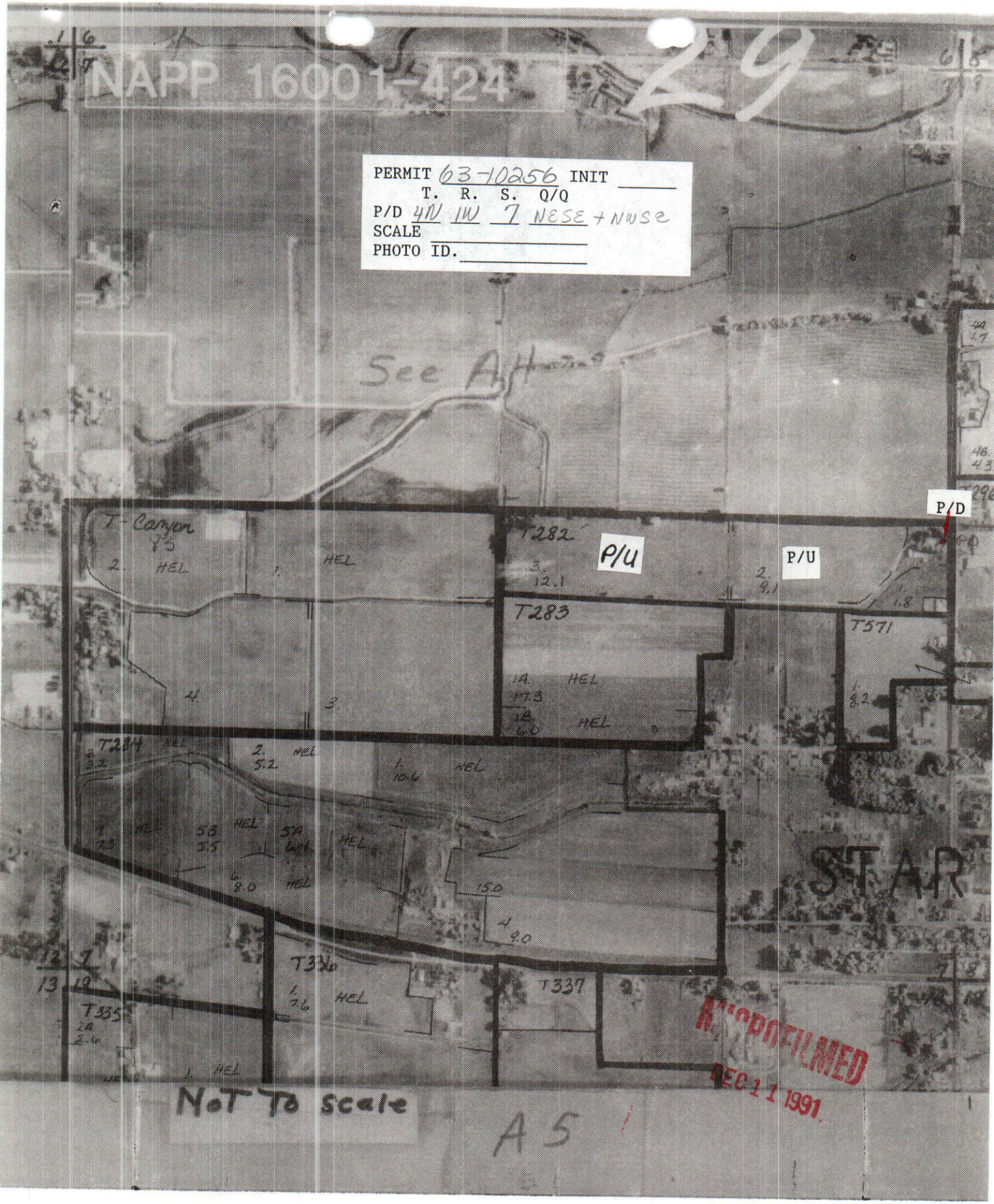
DEC 11 1991

NAPP 16001-424

29

PERMIT 63-10256 INIT _____
T. R. S. Q/Q
P/D 4N 1W 7 NESE + NWSE
SCALE _____
PHOTO ID. _____

See Attached



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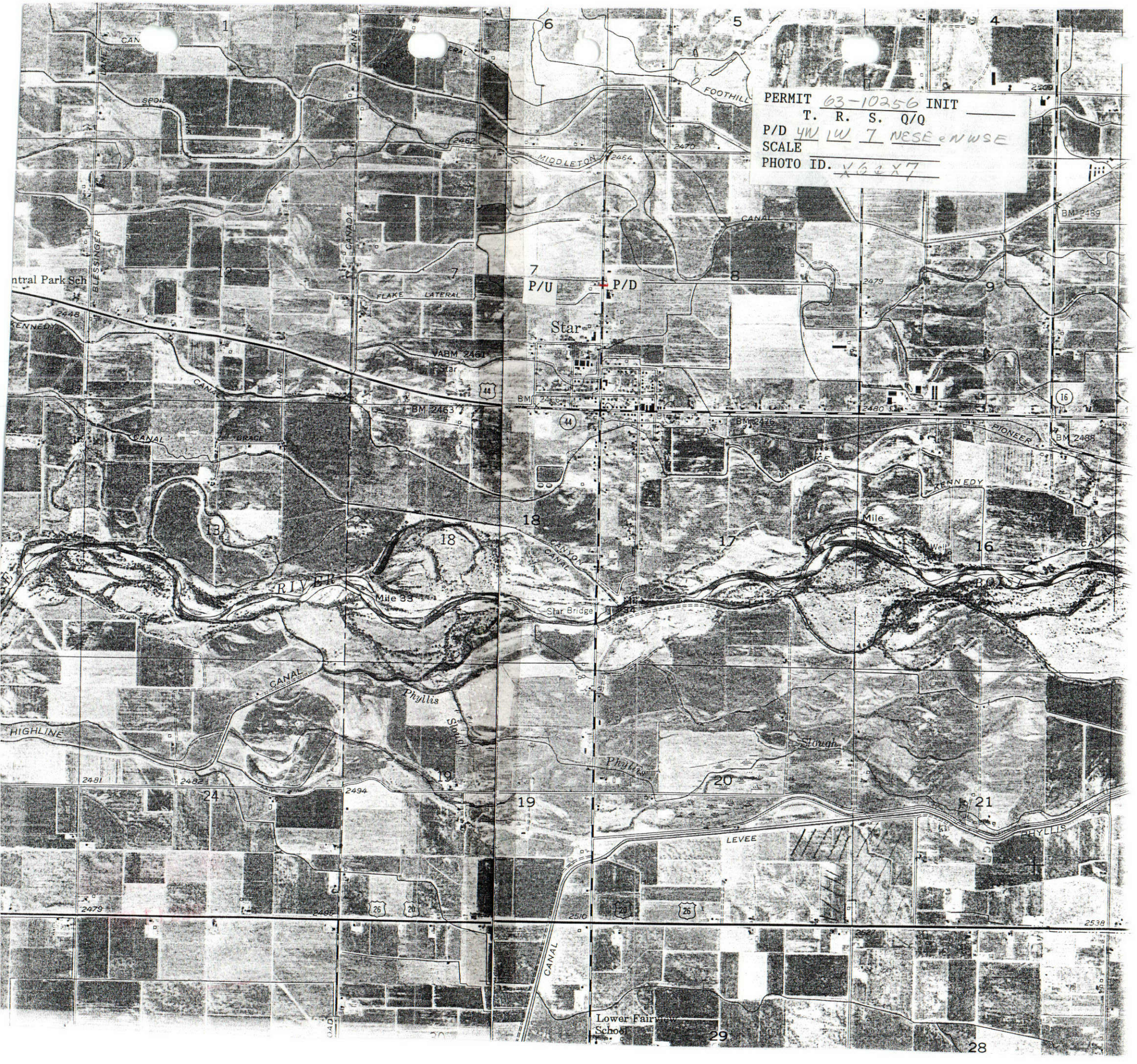
DEC 11 1991


PERMIT 63-10256 INIT
T. R. S. Q/Q
P/D 4N 1W 7 NESE & NWSE
SCALE
PHOTO ID. X62X7
P/U
P/D
Star
Mile 33
Star Bridge
Phyllis Slough
Lower Fairview School
RIVER
CANAL
HIGHLINE
LEVEE
PHYLLIS
PIONEER
KENNEDY
MIDDLETON
FOOTHILL
FLAKE LATERAL
CANYON
BLESSINGER
CANADA
LANE
GRACE
LAWRENCE
Mile
Well
BM 2463
BM 2476
BM 2488
BM 2489
VABM 2461
2448
2462
2464
2470
2479
2480
2481
2482
2494
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2510
2538
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63-10256

Picture #1

Well head with 6" diameter casing and valve to open and close well. Valves to the 2 smaller 2" lines provide water to a fish pond and to the home and yard for domestic use.

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11 1991

Picture #2

Concrete ditch that delivers water to the place of use for this permit. A flow measurement was made in this ditch. (See two page trapezoidal ditch calculation attached to report)

63-10256

Picture #3

Well head and 6" mainline going underground.

Picture #4

Place of use for irrigation.

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DEC 11 1991

Form 204-p
6/82

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

COMMENCEMENT OF WORKS

Permit No. 63-10256

Name(s) of Permit Holder(s): Dale E. or Violet D. Blake

Post Office Address: P.O. Box 57
Star, ID 83669 Tel. No. 286-7979

☒ I hereby certify that construction of diversion works for the above referenced permit began on July 1, 1984 (date). I understand that I must continue to develop the water system with due diligence to maintain a valid permit.

☐ I hereby certify that construction of diverting works on the above referenced project has not yet begun due to the following reason beyond my control*:

_____

_____

*Note: A financing difficulty is not an acceptable reason.

8-24-84
Date

Signature of Permit Holder

MICROFILMED
SEP 22 1988

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 63-10256

Priority: June 28, 1984

Maximum Diversion Rate: 0.46 CFS
Maximum Diversion Volume: 103.5 AF

This is to certify, that DALE E BLAKE
VIOLET D BLAKE
PO BOX 57
STAR ID 83669
has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated June 28, 1984; and has submitted Proof of Beneficial Use on July 6, 1989. An examination indicates that the works have a diversion capacity of .550 cfs of water from a **GROUNDWATER** source, and a water right has been established as follows:

BENEFICIAL USE	PERIOD OF USE	RATE OF DIVERSION	ANNUAL VOLUME
IRRIGATION	03/15 to 11/15	0.46 CFS	103.5 AF

LOCATION OF POINT(S) OF DIVERSION: NESE , Sec. 7, Township 04N, Range 01W
ADA County

PLACE OF USE: IRRIGATION

TWN	RGE	SEC		ACRES		ACRES	ACRES	TOTAL
04N	01W	7	NESE	11	NWSE	12		23

Total number of acres irrigated: 23

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 that 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. This right when combined with all other rights shall provide no more than .02 cfs per acre nor more than 4.5 afa per acre for the lands above.

MICROFILMED
DEC 11 1991

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 63-10256

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 27TH day of NOVEMBER, 1991.

Acting for R. Keith Higginson, Director

DEC 11 1991

Form 202
3/78

Ident. No. 63-10256

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

APPROVED

1. Name of applicant Dale E. & or Violet D. Blake Phone 286-7929

   Post office address P.O. Box 57, Star Id 83669

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

3. Location of point of diversion is NE ¼ of SE ¼ of Section 7 Township 4N

   Range 1W B.M. Ada County, additional points of diversion if any: _____

4. Water will be used for the following purposes:

   Amount .60 (cfs ~~or acre-feet per annum~~) for Irrigation purposes from 3/15 to 11/15 (both dates inclusive)

   Amount _____ (cfs or acre-feet per annum) for _____ purposes from _____ to _____ (both dates inclusive)

   Amount _____ (cfs or acre-feet per annum) for _____ purposes from _____ to _____ (both dates inclusive)

   Amount _____ (cfs or acre-feet per annum) for _____ purposes from _____ to _____ (both dates inclusive)

5. Total quantity to be appropriated:

   a. .60 cubic feet per second and/or b. _____ acre-feet per annum.

6. Proposed diverting works:

   a. Description of ditches, flumes, pumps, headgates, etc. Artesian well with gravity ditches

   b. Height of storage dam _____ feet, active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet, materials used in storage dam: _____

   Period of year when water will be diverted to storage _____ (Month/Day) to _____ (Month/Day) inclusive.

   c. Proposed well diameter is 6 inches; proposed depth of well is 440 feet.

7. Time required for the completion of the works and application of the water to the proposed beneficial use is 5 years *(minimum 1 year – maximum 5 years).*

8. Description of proposed uses:
   a. If water is **not** for irrigation:
      (1) Give the place of use of water: _____ ¼ of _____ ¼ of Section _____ Township _____

      Range _____ B.M.

      (2) Amount of power to be generated: _____ horsepower under _____ feet of head.

      (3) List number of each kind of livestock to be watered _____

      (4) Name of municipality to be served _____, or number of families to be supplied with domestic water _____.

      (5) If water is to be used for other purposes describe: _____

MICROFILMED

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	
4N	1W	7													15	15			30

Total number of acres to be irrigated 30

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

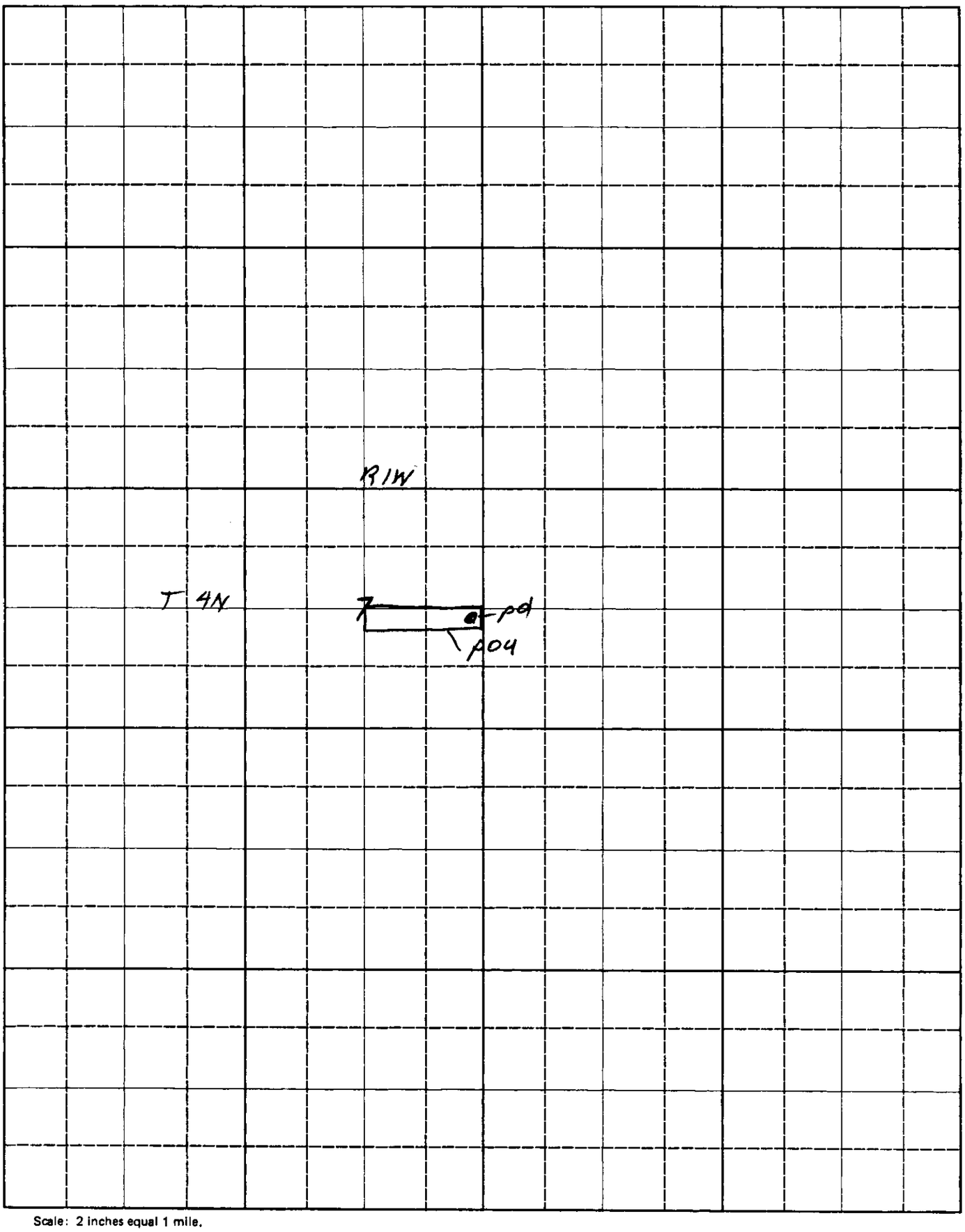
9. a. Who owns the property at the point of diversion Applicant

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

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

10. Remarks

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



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.

x Violet D. Slake
(Applicant)

Proposed Priority 6/28/84

Received by GLS Date 6/28/84 Time 12:17

Preliminary check by GLS Fee $ 45.00

Receipted by GLS Date 6/28/84 # 34501

Publication prepared by jp ds Date 7/12/84

Published in Idaho Statesman

Publication dates 7/19 & 7/ 26/84

Publication approved GR Date 7/31/84

Protests filed by: none

Copies of protests forwarded by

Hearing held by Date

Recommended for approval denial by OBS 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. 63-10256, 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 August 1, 19 89.

   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.

Witness my hand this 9th day of August, 1984.

L. Glen Saxton
Chief, Operations Bureau

STATE OF IDAHO)
)ss.
COUNTY OF ADA)

Susan K. Mayer, being duly sworn, deposes and says: That she is the Principal Clerk of The Idaho Statesman, a daily newspaper printed and published at Boise, Ada County, State of Idaho, and having a general circulation therein and which said newspaper has been continuously and uninterruptedly published in said County during a period of twelve consecutive months prior to the first publication of the notice, a copy of which is attached hereto; that said notice was published in the regular edition of The Idaho Statesman for

two insertions, beginning with the issue of July 19, 1984, and ending with the issue of July 26, 1984.

Susan K. Mayer

Subscribed and sworn to before me this 26th day of July, 1984.

Wanda Eguren

Notary Public for Idaho, Residing at Boise, Idaho

RECEIVED
JUL 31 1984
Department of Land Resources
Western Regional Office

MICROFILMED

Form 233-7
9/82

W.R.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT

USE TYPEWRITER OR BALLPOINT PEN

RECEIVED
MAR 15 1984
Department of Water Resources

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 Dale Blake

Address Box 57 Star Id 83669

Owner's Permit No. 63-84-C-0016-000

2. NATURE OF WORK 63-10256

☑ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

3. PROPOSED USE

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

4. METHOD DRILLED

☑ Rotary ☑ Air ☐ Hydraulic ☐ Reverse rotary
☐ Cable ☐ Dug ☐ Other _____

5. WELL CONSTRUCTION

Casing schedule: ☑ Steel ☐ Concrete ☐ Other _____

Thickness	Diameter	From	To
.250 inches	6 inches +	3 feet	420 feet
inches	inches	feet	feet
inches	inches	feet	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 ☐ 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 400 Material used in seal: ☐ Cement grout ☑ Bentonite ☐ Puddling clay ☑ 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 _____

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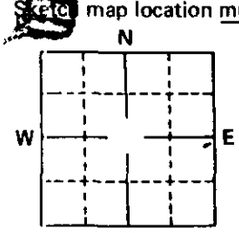
6. LOCATION OF WELL

Sketch map location must agree with written location.



Subdivision Name _____
Lot No. _____ Block No. _____

MICROFILMED
JAN 12 1988

County Ada

NE ¼ SE ¼ Sec. 7, T. 4 (N)S, R. 1 E(W)

7. WATER LEVEL

Static water level _____ feet below land surface.
Flowing? ☑ Yes ☐ No G.P.M. flow 400 + ?
Artesian closed-in pressure 10½ p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature 58 °F. Quality Good
Describe artesian or temperature zones below.

8. WELL TEST DATA

☐ Pump ☐ Bailer ☐ Air ☐ Other _____

Discharge G.P.M.	Pumping Level	Hours Pumped

9. LITHOLOGIC LOG

Bore Diam.	Depth From	Depth To	Material	Water Yes	Water No
6	0	3	topsoil		✓
6	3	30	gravel		✓
6	30	205	sand + clay	✓	
6	205	280	blue sandy clay	✓	
6	280	325	blue clay w/streaks	✓	
6	325	340	blue sandstone	✓	
6	340	345	blue clay - soft	✓	
6	345	367	blue sandstone	✓	
6	367	400	blue sandstone sometimes	✓	
6	400	435	blue sandstone hard	✓	
6	435	440	brown sand	✓	

RECEIVED
MAR 15 1984
Department of Water Resources

RECEIVED
MAR 15 1984
Department of Water Resources
Western Regional Office

10. Work started 2/2/84 finished 2/22/84

11. DRILLERS CERTIFICATION

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

Firm Name Gem State Drilling Firm No. ~~288~~ 277
Address Rush Rd Eagle Date 2.22.84
Signed by (Firm Official) [signature]
and
(Operator) Daniel Grille

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

December 4, 1991

DALE E BLAKE
VIOLET D BLAKE
PO BOX 57
STAR ID 83669

RE: WATER RIGHT NO. 63-10256

Dear Water Right Holder(s):

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

Sincerely,

SHARLA CURTIS
Water Resource Agent

SC:blm

Enclosure

MICROFILMED

DEC 11 1991

October 31, 1991

DALE E BLAKE
VIOLET D BLAKE
PO BOX 57
STAR ID 83669

RE: WATER RIGHT NO. 63-10256

Dear Water Right 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,

SHARLA CURTIS
Technical Records Specialist

SC:blm

Enclosure

DEC 1 1991

IDAHO DEPARTMENT OF WATER RESOURCES
WATER RIGHT PROFILE REPORT

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM	TO	DIVERSION RATE	DIVERSION VOLUME
C	DALE E BLAKE	06/28/1984	IRRIGATION	03-15	11-15	0.46 CFS	103.5 AFA
C	VIOLET D BLAKE PO BOX 57 STAR ID 83669			TOTAL DIVERSION:		0.46 CFS	103.5 AFA

Water Source: GROUNDWATER Tributary to: Stage: LICENSE

Point(s) of Diversion Capacity: 0.55 CFS

Point(s) of Diversion: T04N R01W S07 NE SE

Place of use Legal Description for: IRRIGATION

			NE				NW				SW				SE				
			NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	
T	R	S	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	SUM
04N	01W	7													11	12			23.0
																TOTAL ACRES			23.0

Other Water Rights with Same Point(s) of Diversion and Source:
63-04699 ~~63-10256~~

Other Water Rights Listing Overlapping Place(s) of use:
63-02406 63-04699 ~~63-10256~~

Conditions of Approval:
R32 - This right when combined with all other rights shall provide no
- more than .02 cfs per acre nor more than 4.5 afa per acre for the
- lands above.

Dates: App. Received: 06/28/1984 Priority Date: 06/28/1984
Proof Due Date: 08/01/1989 Proof Made Date: 07/06/1989
Exam Made Date: 06/26/1990 Exam Sent to S.O.:
Licensed Date:

Misc: Water District Number: Field Exam Fee: R (Received)

Audit: 10/25/91 CURTIS

IDAHO DEPARTMENT OF WATER RESOURCES
PLACE OF USE 1/4 1/4 COMPARISON REPORT

(WATER RIGHT NUMBERS THAT BEGIN WITH AN '*' ARE ADJUDICATION CLAIMS)

WR-NUMBER	SOURCE	NE NE Lt Ac	NE NW Lt Ac	NE SW Lt Ac	NE SE Lt Ac	NW NE Lt Ac	NW NW Lt Ac	NW SW Lt Ac	NW SE Lt Ac	SW NE Lt Ac	SW NW Lt Ac	SW SW Lt Ac	SW SE Lt Ac	SE NE Lt Ac	SE NW Lt Ac	SE SW Lt Ac	SE SE Lt Ac	SUM
L6310256	T04N R01W S 7																	
														11	12			23
6300001	BOISE RIVE											I						
A6300124N	BOISE RIVE	38	38	39	39	39	39	38	39	39	38	38	38	35	38	38	17	590
A6300125G	BOISE RIVE	38	38	39	39	39	39	38	39	39	38	38	38	35	38	38	17	590
A6300126E	BOISE RIVE	38	38	39	39	39	39	38	39	39	38	38	38	35	38	38	17	590
A6300161X	BOISE RIVE	38	38	39	39	39	39	38	39	39	38	38	38	35	38	38	17	590
A6300168B	BOISE RIVE	38	38	39	39	39	39	38	39	39	38	38	38	35	38	38	17	590
A6300168D	BOISE RIVE	38	38	39	39	39	39	38	39	39	38	38	38	35	38	38	17	590
A6300173	BOISE RIVE	38	38	39	39	39	39	38	39	39	38	38	38	35	38	38	17	590
A6300198AC	BOISE RIVE	38	38	39	39	39	39	38	39	39	38	38	38	35	38	38	17	590
A6300254	BOISE RIVE	38	38	39	39	39	39	38	39	39	38	38	38	35	38	38	17	590
A6300255	BOISE RIVE	38	38	39	39	39	39	38	39	39	38	38	38	35	38	38	17	590
A6300370	BOISE RIVE	38	38	39	39	39	39	38	39	39	38	38	38	35	38	38	17	590
6302406	WASTE WATE	38	39	40	39	40	35	40	40	40	36	35	33	40	40	36	38	609
6302634	GROUNDWATE															02		2
6304699	GROUNDWATE													02				2
6304986	GROUNDWATE																03	3
A6304986	GROUNDWATE																03	3
6304998	MIDDLETON											05	06			15		26
A6304998	MIDDLETON											05	10			11		26
6307296	GROUNDWATE											25	34			33		92
A6307296	GROUNDWATE											18	15					33
~~6310256~~	~~GROUNDWATE~~													15	15			30
6311197	GROUNDWATE																01	1
A6321502	WASTEWATER	38	38	39	39	39	35	38	39	39	36	35	33	35	38		17	574
A6322911	GROUNDWATE										05							5
--86 MAP--	C1Q-X 6	42	40	37	43	42			42	40			40	41	42	42	39	490

diff source

diff source

Form 219
6/86

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No. 63-10256

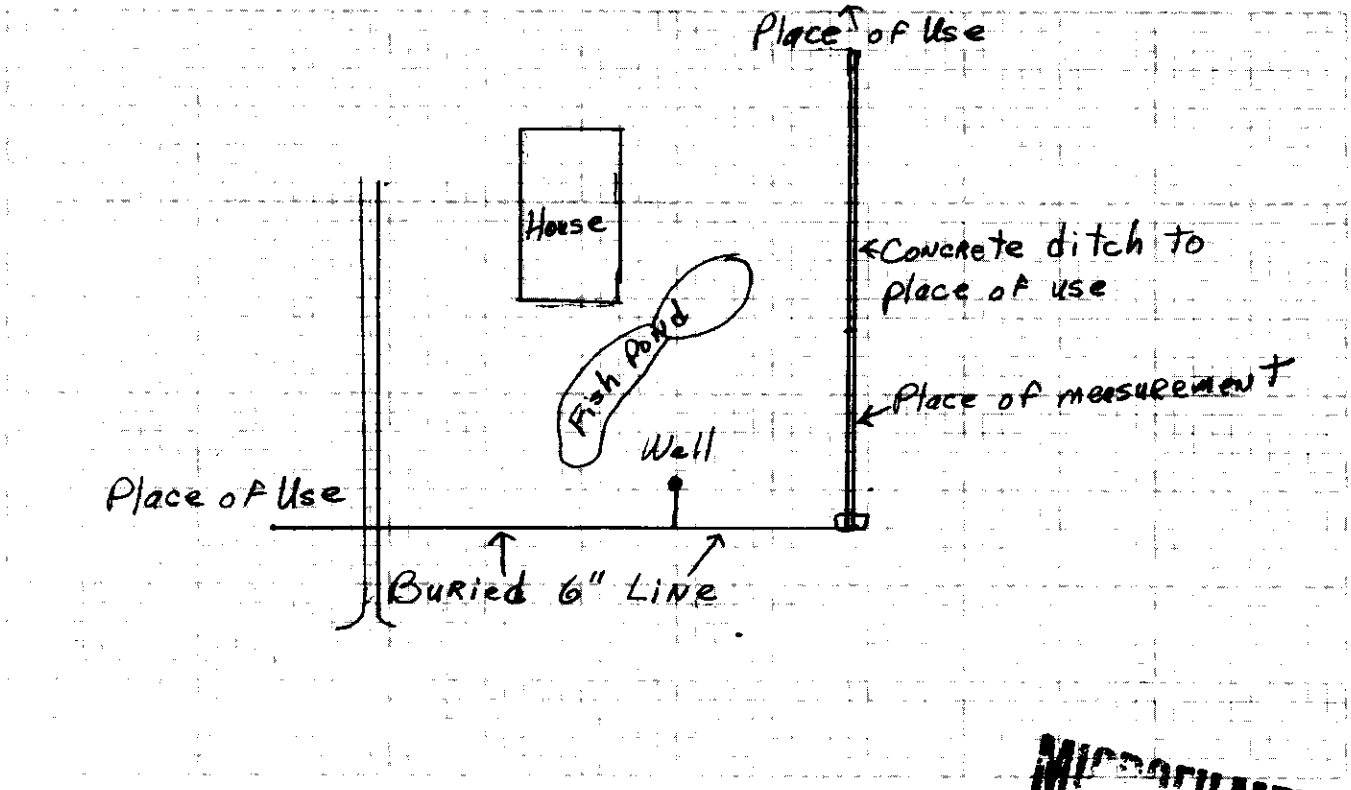
1. Owner: Dale E & Violet Blake Phone No. 286-7979
   Current Address: P.O. Box 57, Star, Idaho 83669
2. Accompanied by: Dale Blake EXAM. DATE: 6-26-90
   Address: same as above Phone No. same as above
   Relationship to Permit Holder: owner
3. Source: groundwater tributary to none

B. OVERLAP REVIEW

1. Other water rights with same place of use: 63-4699
   ☒ Copies Attached N/A
2. Other water rights with same point of diversion: 63-4699
   ☒ Copies Attached N/A ☐ 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" = 50'.

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

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System Description (continued)

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

The system consists of a 6" diameter artesian well that provides water for domestic use, a large fish pond and irrigation for approx 24 acres. The irrigation water is distributed by a 6" diameter buried line from the well to a concrete ditch system and to the fields by syphon tubes. A pressure guage on the well casing was not operative.
(This permit is for irrigation only)

☐ 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
Artesian	—	—	—	—	—

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

5. **Point(s) of Diversion:**

Ident. No.	Gov't. Lot	¼	¼	¼	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
		NE	NE	SE	7	4N	1W	Ada	Ortho Photo quad map

6. **Place(s) of Use:** Indicate Method of Determination Aerial photo

Twp.	Rge.	Sec.	NE¼				NW¼				SW¼				SE¼				Totals
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
4N	1W	7													~~10.9~~	~~12.1~~			23
															11	12			

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Do not use this space

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
metal dam +						
staff guege + stop						
watch + 100' tape						

2. Measurements:
See trapezoidal cement ditch volume calculation attached.

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

1. Measured Method:
Trapezoidal cement ditch volume calculation.

2. Alternate Method for Checking Purposes:

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 Ampsx .001732 = _____ (6)
Panel Input HP: (6) x 1.34 = _____ (7) Efficiency: (5)/(7) x 100 = _____ %

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R.}$ = (Acres Irrigated) x (Irrigation Requirement) = 23 x 4.5 = ~~18.5~~ 103.5 afa

$V_{D.R.}$ = [Diversion Rate (cfs)] x (Days in Irrigation Season) x 1.9835 = ~~7.84~~ .46 x 246 x 1.9835 = ~~8.83.17~~ afa 224.5

V = Smaller of $V_{I.R.}$ and $V_{D.R.}$ = ~~18.5 afa~~ 103.5

2. Volume Calculations for Other Uses:

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H. REMARKS AND OVERLAP REVIEW ANALYSIS

63-4699 is a groundwater source in same QQ as this permit but does not affect the permit. A63-16128 is pending for domestic and stockwater from the same aquifer as the source as the permit, 63-10256.

The trapezoidal ditch diversion rate calculation shows the system is capable of producing far in excess of the volume requested.

Rate of Diversion calculation = 23 acres x .02 = .46 cfs

I. RECOMMENDATIONS

1. **Recommended Amounts**

Beneficial Use	Period of Use From	Period of Use To	Rate of Diversion Q (cfs)	Annual Volume V (afa)
Irrigation	3-15	11-15	.46	~~18.5 afa~~ 103.5
		Totals:	.46	~~18.5 afa~~ 103.5

2. **Recommended Amendments**

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

J. AUTHENTICATION

Field Examiner's Name Melvin T. Schulte

Signature Melvin T. Schulte

JH 3-26-91 Certification Date

Field Report Preparation Date 7-12-90

PROFESSIONAL ENGINEER REGISTERED 3909 STATE OF IDAHO DAVID R. TUTHILL, JR.

David R. Tuthill 6/27/91

CONSULTANT SEAL

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

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DEC 11 1991

(1-90)

PERMIT NO. 63-10256

WORKSHEET FOR TRAPEZOIDAL CEMENT DITCH VOLUME CALCULATIONS AND DIVERSION RATE CALCULATIONS

48' of concrete ditch.

A. Measured time ~~to fill~~ ---------- = 60sec sec.

B. Cross sectional area calculations.

1. Side W length determination
   ({V 32"} - {Y 12"})/2 = 10" (W)
2. Area determination of sections A and C
   .8 (W 10") * (X 11.4") .8 = .79 .64 Sq. Ft.
3. Area determination of section B
   .8 (X 11.4") * (Y 12") 1 = .95 .8 Sq. Ft.
4. Total of cross sectional area
   (B. 2.) + (B. 3.) = 1.74 1.44 Sq. Ft.

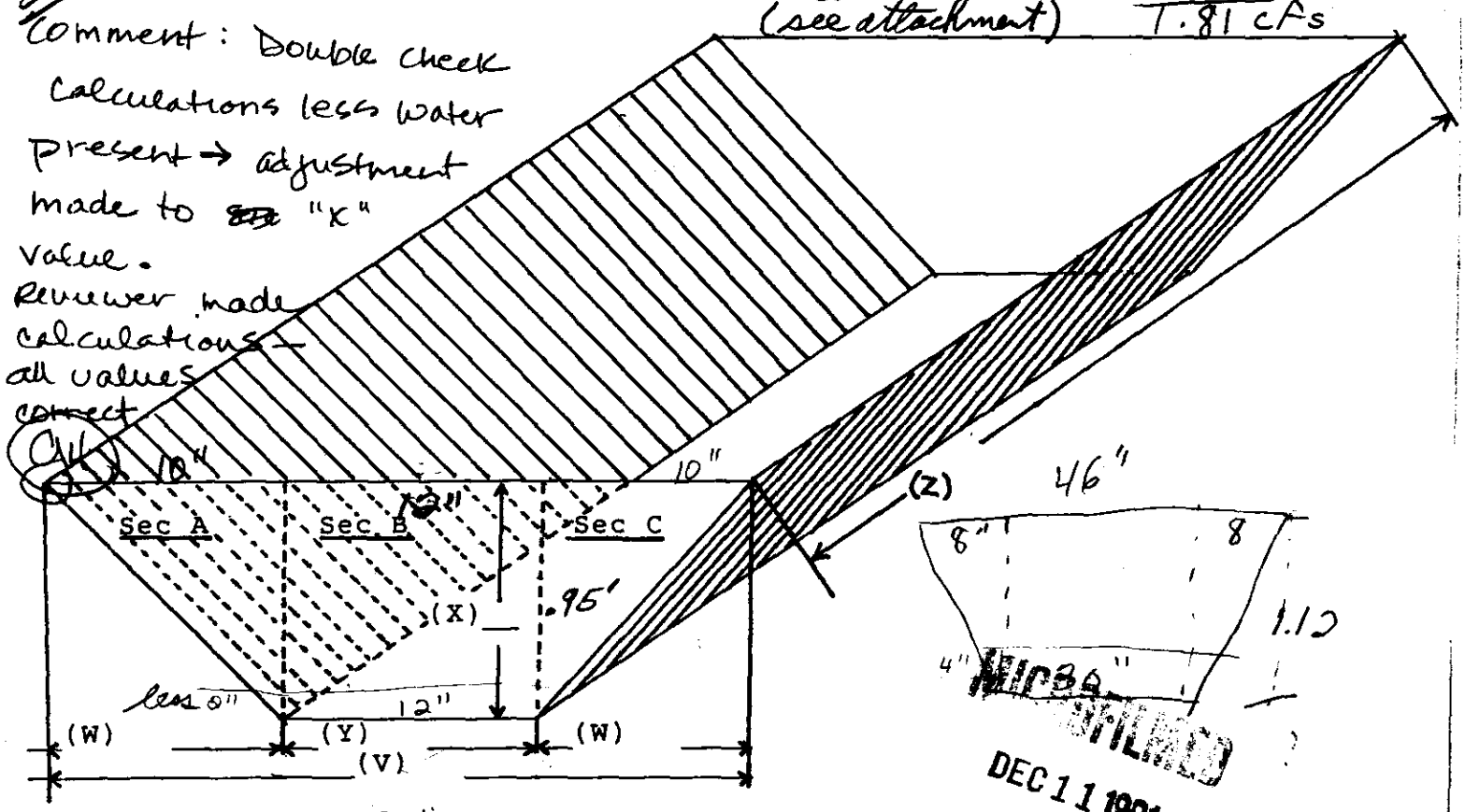
C. Length of ditch segment ---------- = 48 Ft. (Z)

D. Total volume of ditch segment.
Area times length of section.
(B. 4.) * (Z) = 83.52 69.12 Cu. Ft.
2" water in ditch prior to measurement → − 8.00
75.52

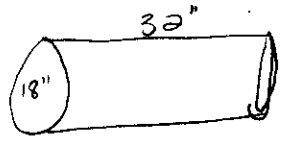
D. Diversion rate calculation
Total ditch volume / Time to fill.
(D.) / (A) = 1.26 1.15 CFS
Catch basin — .55 cfs
(see attachment) 1.81 cfs

Done

Comment: Double check calculations less water present → adjustment made to ~~the~~ "X" value.
Reviewer made calculations — all values correct
CH



32" * 18" cylinder pipe



48' - ditch @ .95'

$(9'')^2 \cdot 3.1415 = 254.46\,\square'' =$
$1.767\,\square' \cdot 2.666' = 4.71.$

136" @ .1.12'
−12
124" - bottom

4" - in bottom of basin
2" - " " of ditch

MICROFILMED
DEC 11 1991

(1-90)

PERMIT NO. 63-10256

WORKSHEET FOR TRAPEZOIDAL CEMENT DITCH VOLUME CALCULATIONS AND DIVERSION RATE CALCULATIONS

Concrete catch basin prior to water entering ditch.

A. Measured time ~~to fill~~ ---------- = 60sec. sec.

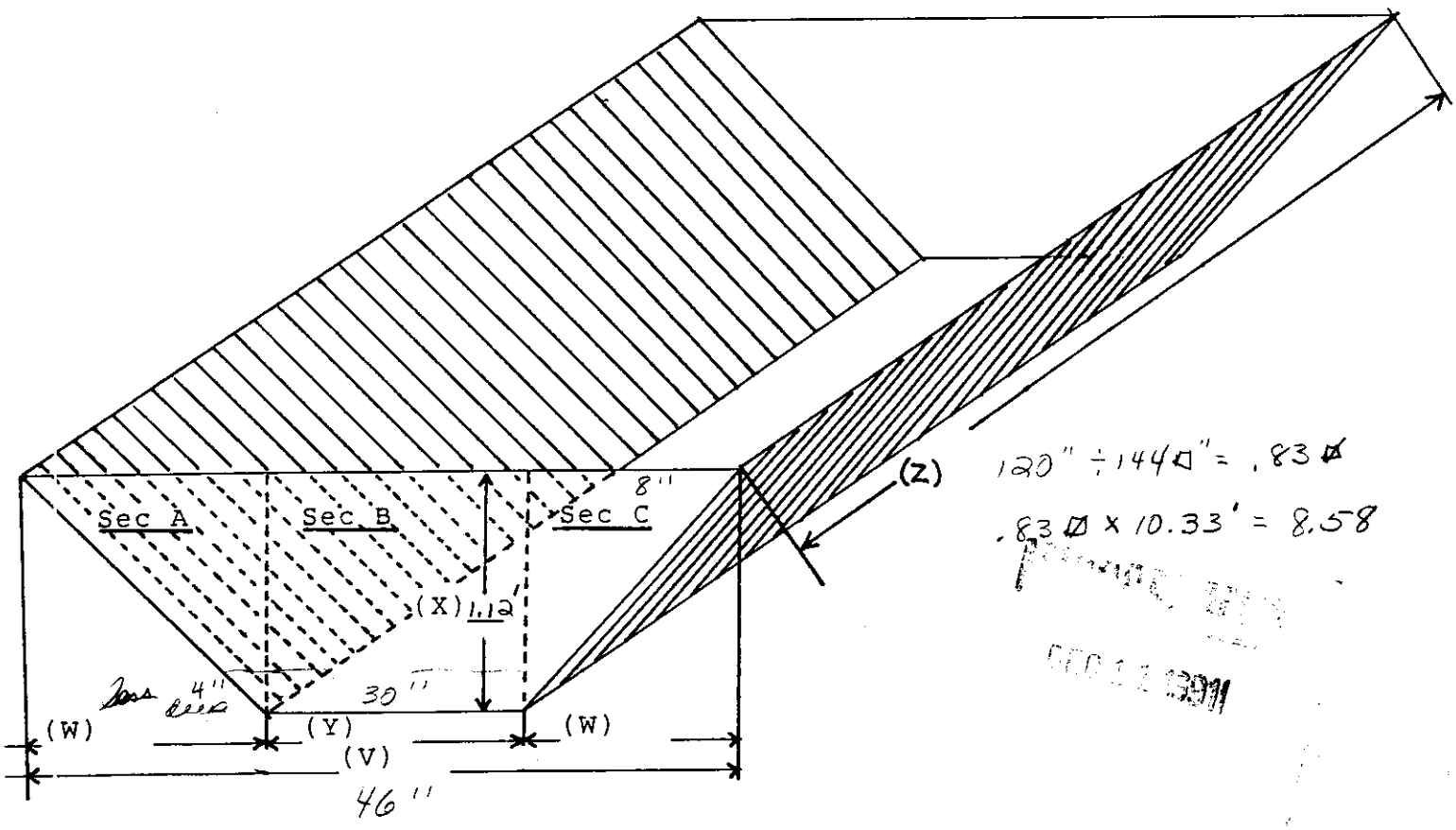
B. Cross sectional area calculations.

1. Side W length determination
   ({V 46"} - {Y 30"})/2 = 8" (W)
2. Area determination of sections A and C
   (W 8") * (X 13.44") = .75 Sq. Ft.
3. Area determination of section B
   (X 13.44") * (Y 30") = 2.8 Sq. Ft.
4. Total of cross sectional area
   (B. 2.) + (B. 3.) = 3.55 Sq. Ft.

C. Length of ditch segment ---------- = 10.33 Ft. (Z)

D. Total volume of ditch segment.
Area times length of section. + 18" X 32" pipe = 4.71
(B. 4.) * (Z) = 36.68 Cu. Ft.
41.38

E. Diversion rate calculation
Total ditch volume / Time to fill. 4" of water in basin prior to measurement → − 8.58
32.80
(D.) / (A) = .55 CFS



120" ÷ 144□" = .83□

.83□ × 10.33' = 8.58

29

PERMIT 63-10256 INIT _____

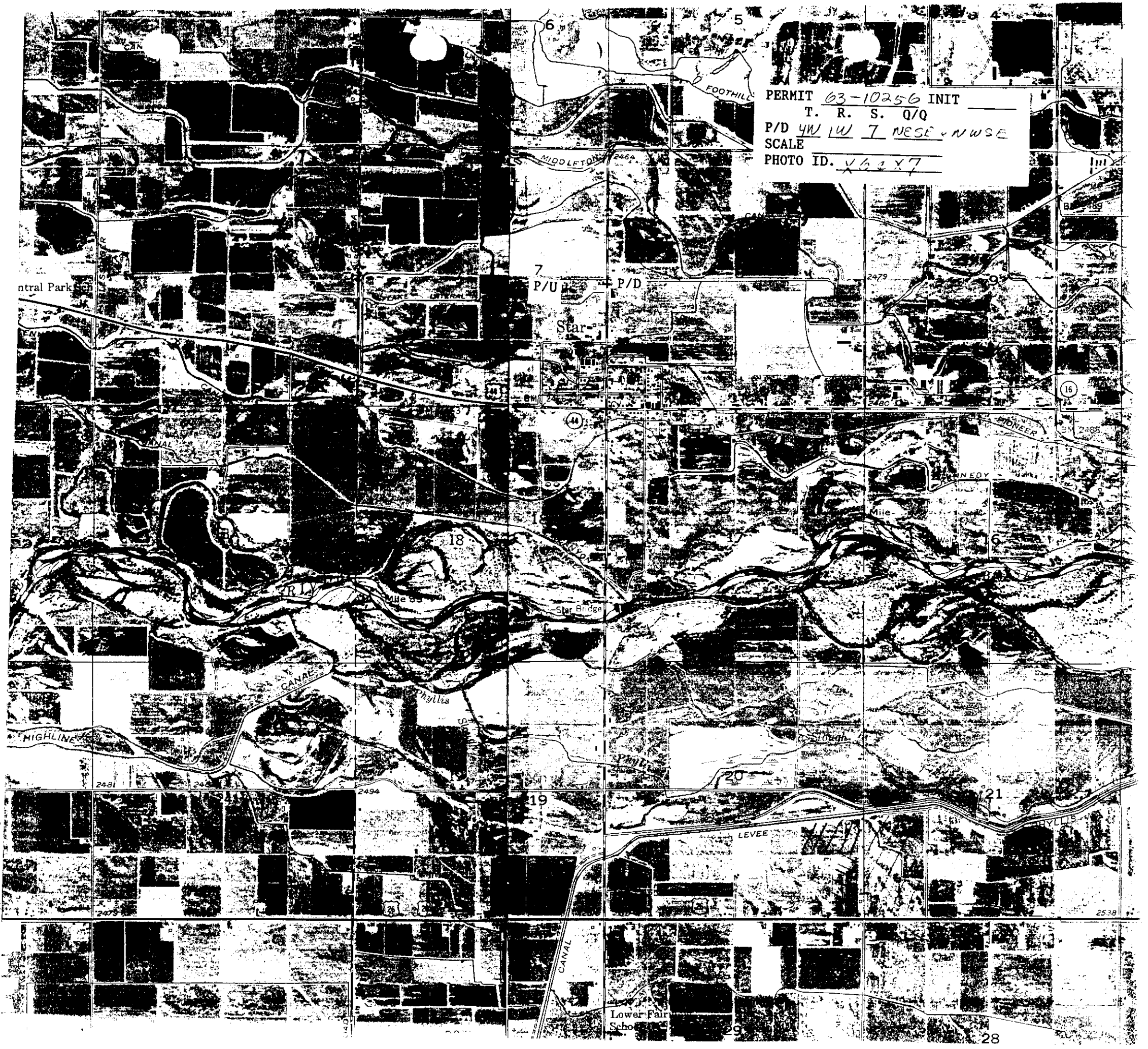
	T.	R.	S.	Q/Q
P/D	4N	1W	7	NESE + NWSE

SCALE _____

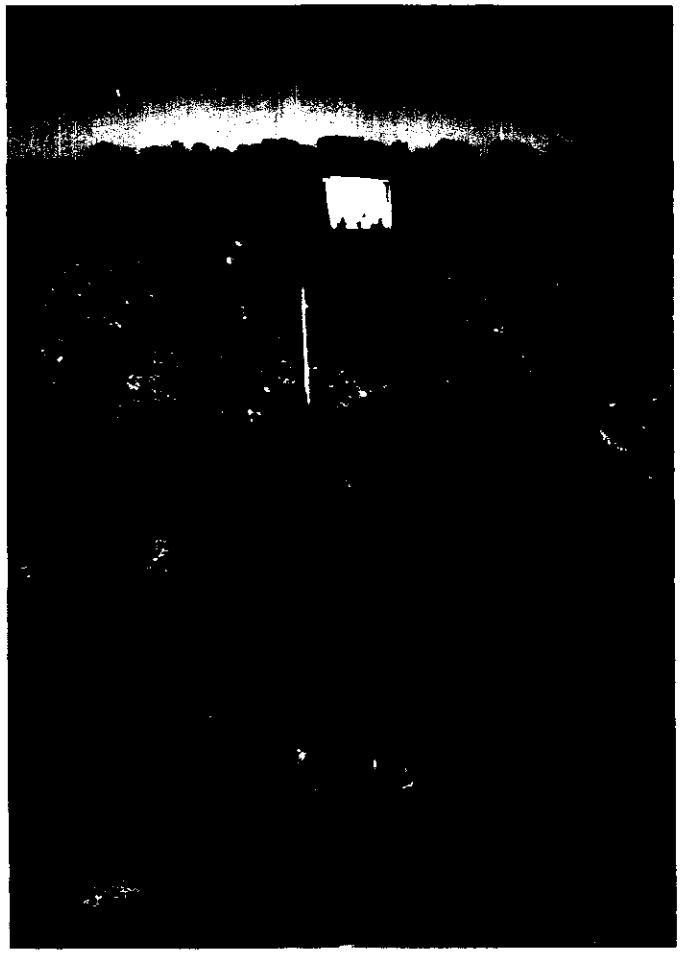
PHOTO ID. _____

P/D

P/U


PERMIT 63-10256 INIT
T. R. S. Q/Q
P/D 4W 1W 7 NESE & NWSE
SCALE
PHOTO ID. X6 & X7
P/U
P/D
Star
FOOTHILL
MIDDLETON
PIONEER
KENNEDY
Mile
Star Bridge
CANAL
Phyllis
HIGHLINE
Slough
LEVEE
Lower Fair
School
Central Park Sch

63-10256



Picture #1

Well head with 6" diameter casing and valve to open and close well. Valves to the 2 smaller 2" lines provide water to a fish pond and to the home and yard for domestic use.

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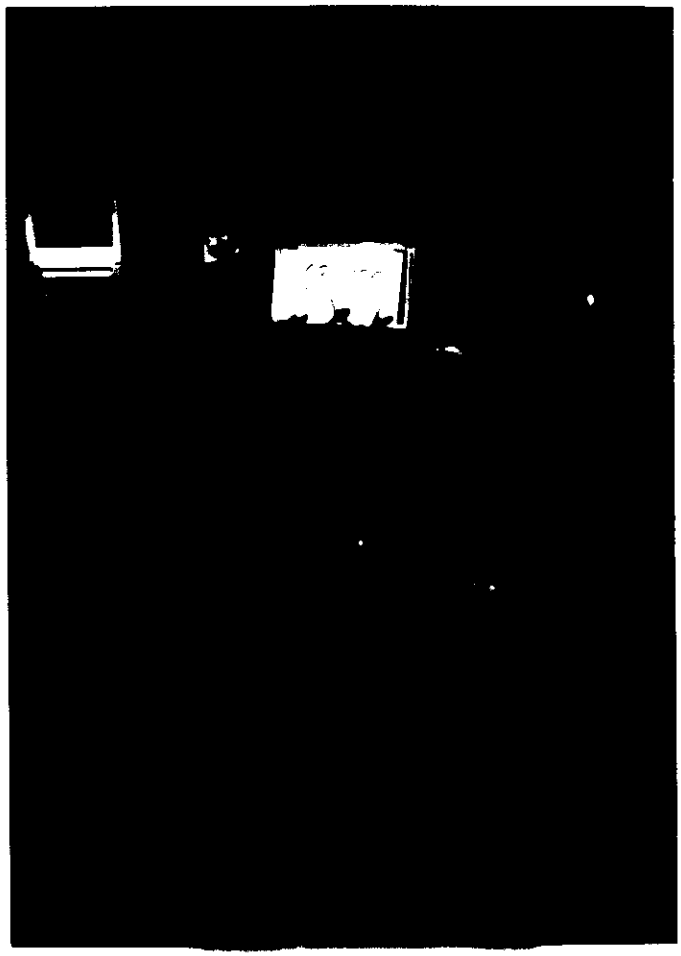
11 1991

Picture #2

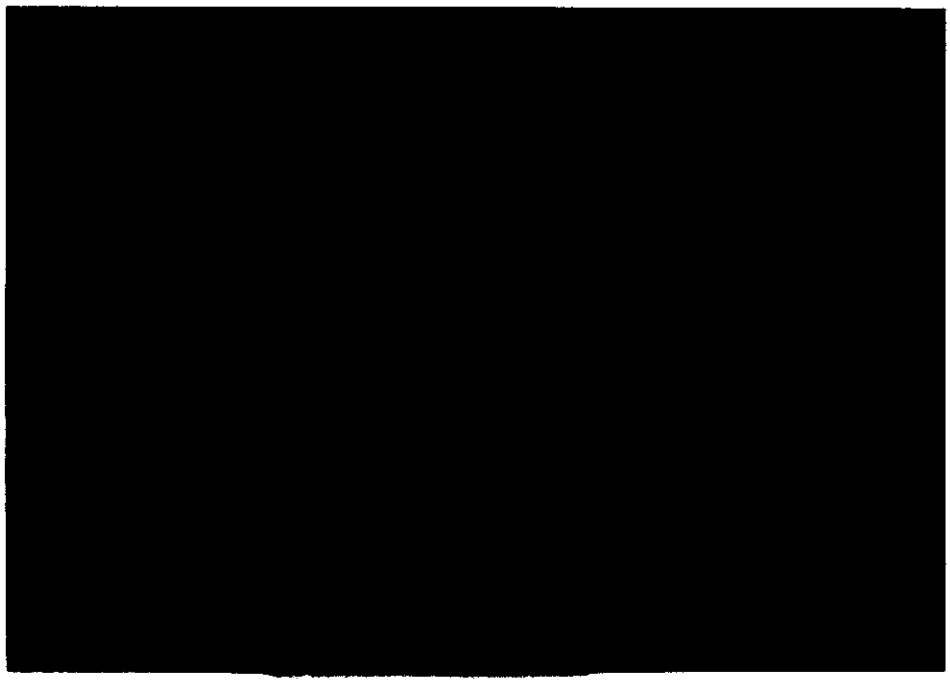
Concrete ditch that delivers water to the place of use for this permit. A flow measurement was made in this ditch. (See two page trapezoidal ditch calculation attached to report.

63-10256



Picture #3

Well head and 6" mainline going underground.



Picture #4

Place of use for irrigation.

DEC 11 1991

1/88

PROOF OF BENEFICIAL USE

ANALYSIS SHEET

Permit No. 63 10256 Date: 9/19/89

General Considerations:

✓ Name same as permit
✓ Signature the same as permit holder
NO Address change _____ If yes, prepare a data entry
✓ Proof received timely
N/A Reinstated

Source of Water:

_____ Surface water
✓ Groundwater
_____ 1. well log in file 1984
N/A 2. drilling permit
N/A A. amount of drilling fee paid for proposed uses

Extent of Use and Rate of Diversion:

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

Measuring Device:

NO Is a measuring device or access port required?
_____ Has one been installed?
_____ Waiver or modification of measuring device requested

Remarks:

Proof acceptable

_____ Priority Calculation:

Date proof received	N/A	_____
Date proof due	_____	- _____
No. of days late		= _____
Priority date	_____	+ _____
NEW PRIORITY DATE	_____	= _____

SEND FILES TO DATA ENTRY AND THEN TO MICROFILM

Form 217
03/86

JUL 03 1989
Department of Water Resources

For Office Use Only
Fee Received 100.00
Date 7/6/89
Receipt # C008054
Receipt by K. Waring
Reviewed by 9/20/89
Sent to region ____

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

PROOF OF BENEFICIAL USE

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. 63-10256

Name(s) of Permit Holder: BLAKE, DALE E & or VIOLET D.

Post Office Address: P.O. Box 57, STAR, ID 83669

Telephone No. 286-7979

Source of Water: GROUNDWATER

Extent of Use:

Domestic _____ (number of households) Stockwater _____ (number and type of stock)

Irrigation 30 (acres) Other/Remark _____

Total rate and/or volume for which proof is submitted .60 cfs _____ acre-feet

Show the date water was first diverted and beneficially used under this permit: 2/22/1984

Measuring Device: Required? __ Yes ✓ No
Installed? __ Yes __ No

Fee enclosed $ 100.00
(See License Examination Fee Schedule)

Flow Measurement Port: Required? __ Yes ✓ No
Installed? __ Yes __ No

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

EITHER OF ABOVE (Name) 208-286-7979 (Telephone Number)

SAME (Address)

MICROFILMED
SEP 22 1989

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.

7/6/1989 (Date)

Violet D. Blake (Signature of Permit Holder (and title, if appropriate))

138277

May 31, 1989

DALE E BLAKE
VIOLET D BLAKE
BOX 57
STAR, ID 83669

PROOF DUE NOTICE

RE: PERMIT NO. 63-10256

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 August 1, 1989. (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 compeleted 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,

Rita Fleck
Secretary/Records Manager

Enclosures

MICROFILMED
SEP 22 1989

Form 204-p
6/82

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

COMMENCEMENT OF WORKS

Permit No. 63-10256

Name(s) of Permit Holder(s): Dale E. or Violet D. Blake

Post Office Address: P.O. Box 57
Star, ID 83669 Tel. No. 286-7979

☒ I hereby certify that construction of diversion works for the above referenced permit began on July 1 [illegible] (Date). I understand that I must continue to develop the water system with due diligence to maintain a valid permit.

☐ I hereby certify that construction of diverting works on the above referenced project has not yet begun due to the following reason beyond my control*:

_____

_____

*Note: A financing difficulty is not an acceptable reason.

8-24-84
Date

Signature of Permit Holder

RECEIVED
SEP 22 1988

Dale H. [illegible]ke

P.O. Box 57

Star, ID 83669

STAR, ID
AUG
24
PM
1984

MICROFILMED

SEP 22 1989

AUG [illegible] 1984

IDAHO DEPARTMENT OF WATER RESOURCES
STATEHOUSE
BOISE, IDAHO 83720

Department of Water Resources

August 20, 1984

RE: Permit Nos. 63-10256

Dale E. &/or Violet D. Blake
Box 57
Star, ID 83669

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.

You should be aware that the groundwater you propose to divert is located within a drainage basin where surface waters are regulated during the months of low flow. It is possible that diversion of groundwater may have an adverse impact on these surface water flows. Information available to us at this time does not warrant refusing to issue permits in your area, but we do caution that diversions of groundwater are not allowed to deplete flows available for surface water users with earlier priority dates. Siting your well as far from surface sources as possible and casing out upper water producing zones may reduce the potential of interference.

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 a form entitled "Instructions for Proof of Beneficial Use". Please read the instructions carefully since you must take further action to develop this permit into a license.

Sincerely,

DAVID R. TUTHILL, JR., P.E.
Supervisor, Water Allocation Section

DRT:sc
Enclosures

MICROFILMED

Form No. 202a
3/79

State of Idaho
Department of Water Resources

APPLICATION FOR PERMIT ANALYSIS SHEET

INITIAL REVIEW BY: GLS APPLICATION NUMBER: 63-10256

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.

Field check by: _____
Date: _____
Comments: _____

☐ 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.

*REQUEST THE FOLLOWING ADDITIONAL INFORMATION FROM THE APPLICANT: _____

SEND COPIES TO:

☐ Idaho State Health Department. Copies sent by: _____ Date: _____
☐ Idaho Fish and Game Department.
☐ Idaho Department of Lands.
☐ U.S. Bureau of Land Management.
☐ U.S. Forest Service.
☐ Other _____

PROCESSING:

☐ Yes ☐ No Platted by: _____ Map No. _____
☑ Yes ☐ No Other rights on same place of use. Middleton Irr. Dist
☐ Yes ☐ No* In form for advertising.
Final date for protests: 8/6/84
☐ Yes ☐ No Protests received. If yes, record information on 4th page of application.

FINAL REGIONAL PROCESSING REVIEW:

☑ Affidavit of publication received. Date: 7/31/84
☑ Application published correctly. If not, record action taken: _____
☑ Fee amount, receipt date & number, recorded on application. 43/34501
☑ Publication dates and paper, recorded on application. Id. Statesman 7/19/84 & 7/26/84
☑ 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? _____
6/28/84 Date of priority recommended.
Special conditions of approval or cover letter. I. P. Gw letter

26

By: OBS Date: 8/6/84

STATE OFFICE REVIEW:

205, 217 26

☐ See attached sheet for more information.
By: KW Date: 8-7-84

RECEIVED AUG 07

MICROFILMED Department

POINT OF DIVERSION AND STREAM INDEX INFORMATION

TRACT	SEC	TWP	RGE	gov't lot	rediv. (R)	REACH
____	__	___	___	__	_	___.__

IDAHO STREAM CODE INDEX

____.____.____.____.____.___.___.__.__.__

TRACT	SEC	TWP	RGE	gov't lot	rediv. (R)	REACH
____	__	___	___	__	_	___.__

IDAHO STREAM CODE INDEX

____.____.____.____.____.___.___.__.__.__

TRACT	SEC	TWP	RGE	gov't lot	rediv. (R)	REACH
____	__	___	___	__	_	___.__

IDAHO STREAM CODE INDEX

____.____.____.____.____.___.___.__.__.__

TRACT	SEC	TWP	RGE	gov't lot	rediv. (R)	REACH
____	__	___	___	__	_	___.__

IDAHO STREAM CODE INDEX

____.____.____.____.____.___.___.__.__.__

TRACT	SEC	TWP	RGE	gov't lot	rediv. (R)	REACH
____	__	___	___	__	_	___.__

IDAHO STREAM CODE INDEX

____.____.____.____.____.___.___.__.__.__

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES
Western Region

Statehouse
Boise, Idaho 83720
(208) 334-2190

JULY 12, 1984

The Idaho Statesman
Box 40
Boise, ID 83707

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 AUGUST 6, 1984.

Yours truly,

JUDY PENSE
Secretary

Encl.

MICROFILMED

NOTICE OF APPLICATION FOR WATER RIGHT

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

The permit(s) will be subject to all prior water rights. Protests must be filed with the Director, Dept. of Water Resources, Western Region, Statehouse, Boise, Idaho 83720 on or before AUGUST 6, 1984.

KEN DUNN, Dir.

Published 7/19 & 7/26/84.

63-10256

BLAKE, DALE E &/or VIOLET D

BOX 57, STAR, ID 83669

Source: GROUNDWATER

Date Filed: 06/28/1984

Diversion Pt: NESE Sec 07 T 04N R 01W

Use: IRRIGATION (0.60 CFS)

In: NESE NWSE Sec 07 T 04N R 01W FOR 30 ACRES