

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 95-08749

Priority: May 4, 1992

Maximum Diversion Rate:

0.14 CFS

Maximum Diversion Volume:

18.9 AF

This is to certify, that GROUSE FLATS WATER ASSN

PO BOX 694

RATHDRUM ID 83858-0694

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated May 4, 1992; and has submitted Proof of Beneficial Use on June 12, 1996. An examination indicates that the works have a diversion capacity of 0.140 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>
IRRIGATION	03/15 to 11/15	0.14 CFS	13.5 AF
DOMESTIC	01/01 to 12/31	0.14 CFS	5.4 AF
	Totals	0.14 CFS	18.9 AF

LOCATION OF POINT(S) OF DIVERSION:

SESW , Sec. 32, Township 53N, Range 04W
KOOTENAI County

PLACE OF USE: IRRIGATION

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
53N	04W	32	SESW 2.5	SWSE 2		4.5

Total number of acres irrigated: 4.5

PLACE OF USE:

DOMESTIC, same as IRRIGATION use

CONDITIONS OF APPROVAL AND 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. This right when combined with all other rights shall provide no more than .03 cfs per acre nor more than 3.0 afa per acre for the lands above.

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MAY 10 1996

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

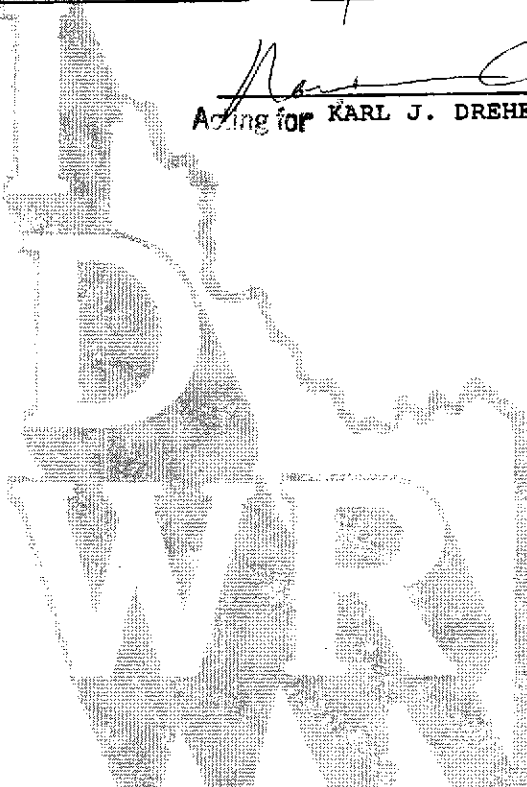
WATER RIGHT NO. 95-08749

CONDITIONS OF APPROVAL AND REMARKS

6. Domestic use is for 9 homes.
7. Domestic use does not include lawn, garden, landscape, or other types of irrigation.

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 17th
day of OCTOBER, 1996.


Acting for KARL J. DREHER, Director



MICROFILMED

NOV 08 1996

RECEIVED

JUN 12 1996

STATE OF IDAHO

Department of Water Resources DEPARTMENT OF WATER RESOURCES

FOR OFFICE USE ONLY
Amt. of Fee \$: 50.00
Receipt No. C035808
Receipt By: RB
Date Received: 6/12/96

PROOF OF BENEFICIAL USE

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

1. Permit No. 95-08149 Telephone No. (208) 687-1036
2. Name(s) of Permit Holder(s): Grouse Flats Water Assoc.
3. Mailing Address: P.O. Box 427, Rathdrum Id. 83858
4. Source of Water: Well If **GROUNDWATER** (well), Date Drilled: mo. 2-2 / yr. 93
 - a. Well Driller: Bronson Water Wells Drilling Permit Number: 95-93-N-17-000
 - b. **OPTIONAL:**
Pump Horsepower: 5 HP Pressure (psi): 55 Dynamic pumping level (ft): 425-456
5. Use(s) (as authorized by the water right permit):
Domestic (No. of households): 9 Stockwater (No. and type of stock): _____
Irrigation (No. of acres): ~~0.14~~ 9 Other: _____
6. Total rate of diversion and/or volume for which proof is submitted: 0.14 cfs OR _____ acre feet
7. Measuring Device Requirement: (refer to the approval conditions on your permit and respond accordingly)
(This question is not optional. Please check either yes or no. Proofs returned not checked accordingly, will be considered incomplete)

Measuring Device:	Is a measuring device required?	Yes _____ or No <u>X</u>
	Has the measuring device been installed?	Yes _____ or No <u>X</u>
Flow Measurement Port:	Is a flow measurement port required?	Yes _____ or No <u>X</u>
	Has the measurement port been installed?	Yes _____ or No <u>X</u>
8. Fee Enclosed: \$ 50.00 (See Fee Schedule on back of the instructions for filing proof of beneficial use)
9. Person to contact to accompany the Department representative during field examination of the water system.
Name: Terry L. Hammond Telephone Number: (208) 687-1036
Address: P.O. Box 694, Rathdrum, Id. 83858-0694
10. The information given on this form 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.

Signature of permit holder: Terry L. Hammond, President Date: 6/4/96
(include your title, if on behalf of company or organization)

AUG 22 1996

State of Idaho
Department of Water Resources
Permit To Appropriate Water

NO. 95-08749

Proposed Priority: May 4, 1992 Maximum Diversion Rate: 0.14 CFS
This is to certify, that

GROUSE FLATS WATER ASSN

PO BOX 694

RATHDRUM ID 838580694

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

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>
IRRIGATION	03/15 to 11/15	0.14 CFS
DOMESTIC	01/01 to 12/31	0.14 CFS
	Totals	0.14 CFS

LOCATION OF POINT(S) OF DIVERSION:

NESESW , Sec. 32, Township 53N, Range 04W
KOOTENAI County

PLACE OF USE: IRRIGATION

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
53N	04W	32	SESW 5	SWSE 4		9
Total number of acres irrigated:						9

PLACE OF USE: DOMESTIC, same as IRRIGATION use

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before **August 1, 1996**.
2. Subject to all prior water rights.
3. Project construction shall commence within one year from the date of permit issuance and shall proceed diligently to completion unless it can be shown to the satisfaction of the Director of the Department of Water Resources that delays were due to circumstances over which permit holder had no control.
4. Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
5. Construction of the well must comply with Idaho well construction standards.
6. The issuance of this right in no way grants any right-of-way or easement across the land of another.
7. The rate of diversion of water for irrigation under this right and all other water rights on the same land shall not exceed 0.02 cubic feet per second for each acre of land.
8. Domestic use is for 9 homes.

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SEP 18 1992

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 95-08749

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

17th day of JULY, 1992.


For: R. Keith Higginson, Director

SEP 18 1992

SEP 18 1992

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name of applicant FERRY OR GROUSE FLATS WATER ASSN Phone 687-1036
Post office address POB 694 RATHDRUM, IDAHO 838580694
2. Source of water supply GROUND WATER which is a tributary of _____
3. Location of point of diversion is NE $\frac{1}{4}$ of SE $\frac{1}{4}$ of SW $\frac{1}{4}$, Govt. Lot _____
Sec. 32 Township 53N Range 4W B.M. KOOTENAI County; additional
points of diversion if any: _____
4. Water will be used for the following purposes:
Amount 0.14 for IRRIGATION purposes from 3-15 to 11-15 (both dates inclusive)
(cfs or acre-feet per annum)
Amount 0.14 for DOMESTIC purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated is (a) 0.14 and/or (b) _____
cubic feet per second acre feet per annum
6. Proposed diverting works:
 - a. Description of ditches, flumes, pumps, headgates, etc. WELL, PUMP & PIPELINE
 - b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total
reservoir capacity _____ acre-feet; period of year when water will be diverted to storage:
_____ to _____ inclusive.
 - c. Proposed well diameter is 8 inches; proposed depth of well is 475 ± feet.
 - d. Is ground water with a temperature of greater than 90°F being sought? _____
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).

SEP 18 1992

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

- Hydropower; show total feet of head and proposed capacity in KW. _____
- Stockwatering; list number and kind of livestock. _____
- Municipal; show name of municipality. _____
- Domestic; show number of households. 9
- Other; describe fully. _____

9. Description of place of use:

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

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
53N	4W	32											5 ^D				4 ^D		9

Total number of acres to be irrigated 9

10. Describe any other water rights used for the same purposes as described above. NONE

- Who owns the property at the point of diversion? JERRY HAMMOND
- Who owns the land to be irrigated or place of use? MEMBERS OF ASSN
- If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing. ASSOCIATION

12. Remarks: _____

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SEP 18 1967

SEP 18 1967

GROUSE FLATS WATER ASSOCIATION

MEMBERS

1. JERRY L. & KAY F. HAMMOND JERRY - PRESIDENT
 KAY - SECRETARY

P.O. BOX 694
RATHDRUM, IDAHO 83858 PHONE: 687-1036

PROPERTY DESCRIPTION: W. HALF OF THE N.E. QUARTER OF THE
S.E. QUARTER OF THE S.W. QUARTER OF SECTION 32, TOWNSHIP 53
NORTH, RANGE 4 W.B.M. KOOTENAI COUNTY, IDAHO.

2. ALFRED D. & CAROLYN G. AGEE

P.O. BOX 915
RATHDRUM, IDAHO PHONE: 687-2467

PROPERTY DESCRIPTION: W HALF OF THE N.W. QUARTER OF S.E.
QUARTER OF S.W. QUARTER OF SECTION 32, TOWNSHIP 53 NORTH,
RANGE 4, W.B.M., KOOTENAI COUNTY, IDAHO. EXECT - THE SOUTH
30 FT. FOR ROAD & UTILITIES; TOGETHER WITH AN EASEMENT ON
EXISTING ROAD FOR INGRESS & EGRESS ALONG THE NORTH 40 FT OF
S. HALF OF S.E. QUARTER, OF S.W. QUARTER & S. HALF OF S.W.
QUARTER OF S.E. QUARTER & THE S.E. QUARTER OF THE S.E. QUARTER
W. OF HIGHWAY SECTION 32, TOWNSHIP 53 N., RANGE 4, W.B.M.,
KOOTENAI COUNTY, STATE OF ID. SAID EASEMENT SHALL BE A NON-
EXCLUSIVE EASEMENT.

3. WILLIAM M. & WANDA HENDRICKSON

STAR RT. N. 8345 GROUSE RD.
RATHDRUM, IDAHO PHONE: 687-1864

PROPERTY DESCRIPTION: PARCEL NO. 53N04W-32-8640
LAND DESCRIPTION - 32-53N-4W N 165 FT.
OF THE W. 262 FT OF THE S 2 N.W. S.W. S.E. KOOTENAI COUNTY

4. KEITH & GLORIA FLUGSTAD

N 8215 GROUSE RD.
RATHDRUM, IDAHO PHONE: 687-1109

SEP 18 1980

PAGE 2 CONTINUED - FLUGSTAD

PROPERTY DESCRIPTION - PARCEL NO. 53N04W-32-8650
268/S2-N.W.-S.W.-S.E. EXTENSION N. 165
DEGREES OF THE W. 262 DEGREES KOOTENAI COUNTY

5. MARVIN LAYSON

STAR RT. 8223 GROUSE RD.
P.O. BOX 925
RATHDRUM, IDAHO PHONE: 687-2057

PROPERTY DESCRIPTION - PARCEL NO. 53N04-32-6800
E. HALF OF N.W. QUARTER OF THE S.E.
QUARTER OF THE S.W. QUARTER SECTION 32 TOWNSHIP 53N RANGE 4
W.B.M. KOOTENAI COUNTY

6. ARTHUR & ESTHER HOYT - ARHTUR HOYT
VICE PRESIDENT

P.O. BOX 465
RAHTDRUM, IDAHO PHONE: 687-2071

PROPERTY DESCRIPTION - PARCEL NO. 53N04W-32-7100
13800-32-53N-04W
1755-W2-S.E.-S.E.-S.W. KOOTENAI COUNTY

7. MARTIN & MARCIA STROUP

P.O. BOX 219
RATHDRUM, IDAHO PHONE: 687-2117

PROPERTY DESCRIPTION - PARCEL NO. 53 NO 4W-32-7150
E-1 HALF E2-S.E. ONE FOURTH S.E. ONE
FOURTH S.W. ONE FOURTH SECTION 32 TOWNSHIP 53N RANGE 4 W.B.M.
KOOTENAI COUNTY

8. CLOYCE & CINDY BUNTING

P.O. BOX 762
RATHDRUM, IDAHO PHONE: 687-2256

PROPERTY DESCRIPTION - PARCEL NO. 53N04W-32-8750
53 N04 W-32-N2-S.W.-S.W.
KOOTENAI COUNTY

9. BOB SKAUGSTAD PHONE: (509)928-4074

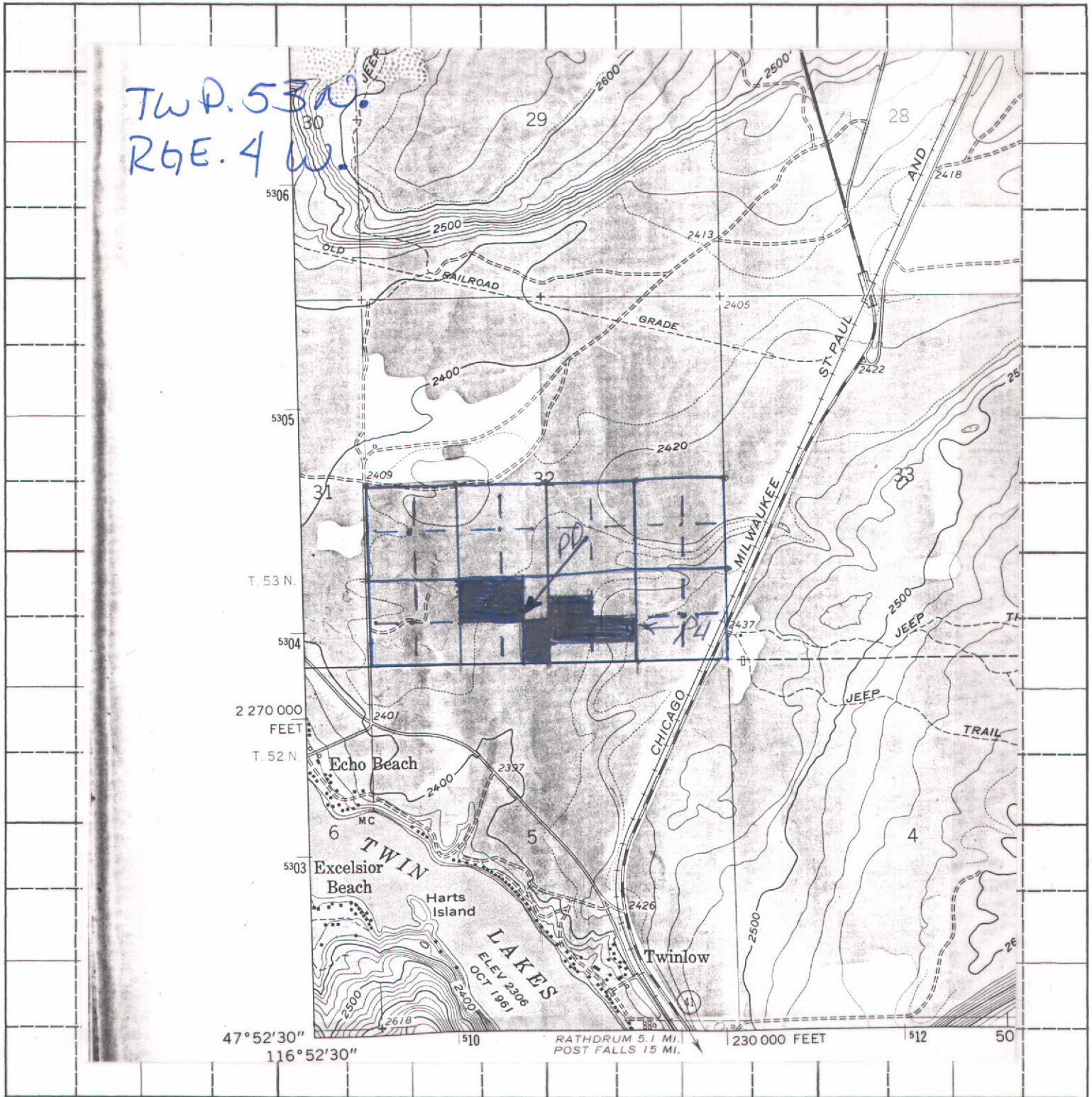
BOB SKAUGSTAD
S. 1203 Woodruff Rd SPOKANE WA

PROPERTY DESCRIPTION - PARCEL NO. 53N 04W-32-8850

SEP 18 1992

95-8749

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



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.

SEP 18 1992

Jerry L. Hammond
(Applicant)

Received by TDK Date 5/4/92 Time 9:00 AM Preliminary check by _____
Fee \$ 30⁰⁰ Receipted by TDK # N-5410 Date 5/4/92
Publication prepared by pm Date 5/13/92 Published in Coandille Press
Publication approved pm Date 6/2/92

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

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

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

- a. SUBJECT TO ALL PRIOR WATER RIGHTS.
- b. Proof of construction of works and application of water to beneficial use shall be submitted on or before _____, 19 ____.
- c. The rate of diversion, if water is to be used for irrigation under this permit, when combined with all other water rights for the same land shall not exceed 0.02 cubic feet per second for each acre of land.
- d. The water right acquired under this permit if for hydropower purposes shall be junior and subordinate to all rights to the use of water, other than hydropower, within the State of Idaho that are initiated later in time than the priority of this permit and shall not give rise to any right or claim against any future rights to the use of water, other than hydropower, within the State of Idaho initiated later in time than the priority of this permit.
- e. Other:

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MEMORANDUM

TO: File 95-08749

FROM: Sharla

DATE: October 15, 1996

RE: Recommendation Adjustment(s)

The final license recommendations for Right 95-08749 are based on the following:

H. RECOMMENDATIONS

1. Recommended Amounts

Irrigation	3/15 - 11/15	0.14 cfs	13.5 afa
Domestic	1/1 - 12/31	0.14 cfs	5.4 afa
	TOTALS	0.14 cfs	18.9 afa

The standard volume for this area is 3.0 afa; the total irrigation volume is 4.5 acres X 3.0 = 13.5 afa.

Examiner: D. Pagel

Exam Date: August 29, 1996

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OCT 20 1996

LICENSE REVIEW CHECKLIST

PERMIT NO. 95-08749

DATE 10/15/96

REVIEWER: SHARLA

NAME Change OK

Address Change Box 194 is pres. address

SOURCE Change OK

Is change clarification of originally intended source? Yes
If not, prepare Notice of Intent to Void

POINT OF DIV Change OK

Amendment required No

PLACE OF USE Change OK

Amendment required No

Does map agree with written description? not attached yes no

OVERLAPS P/D P/U

RATE OF DIV

Permitted Rate .14 cfs

Fee limit .20 cfs \$10000

Measured cfs

Theoretical .14 cfs

Recommended Total Div Rate .14 cfs

ANNUAL VOLUME/ NATURE OF USES

Use <u>Dom.</u>	Volume Calculation <u>4.5 x 3.0 = 13.5</u> af
<u>Dom.</u>	<u>9 x .6 = 5.4</u> af
<u> </u>	<u> </u> af
<u> </u>	<u> </u> af
SUBTOTAL	<u>18.9</u> af

Flow rate .14 cfs X 365 days X 1.98 = 101.2 af

Total volume recommended 18.9 af

(SUBTOTAL or Flow Rate, whichever is less)

REMARKS

1/9 homes - irig not incl.

CONDITIONS Watermaster Control WD#

 GW Measurement/Measuring Device
 Overlap

 Use-specific conditions

Advancement of Priority Date Required yes no

SRBA Claim Filed N/A

Adjustment Memo

1st Amend Letter N/A

2nd Amend Letter

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
SEP 19 1995

Department of Water Resources

A. GENERAL INFORMATION

Permit No. 95-08749

1. Owner: Grouse Flats Water Assn. Phone No. (308) 687-1036

Current Address: P.O. Box 694 Rathdrum Id. 83858-0694

2. Accompanied by: Jerry Hammond EXAM DATE: 8-29-96

Address: Same Phone No. Same

Relationship to Permit Holder: _____

3. Source: Ground water tributary to _____

B. OVERLAP REVIEW

1. Other water rights with the same place of use: no

2. Other water rights with the same point of diversion: no

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

Ident No.	Gov't Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
	NA		SE	SW	32"	53N	4W	Kootenai	U.S.G.S. Topo map

2. Place(s) of Use:

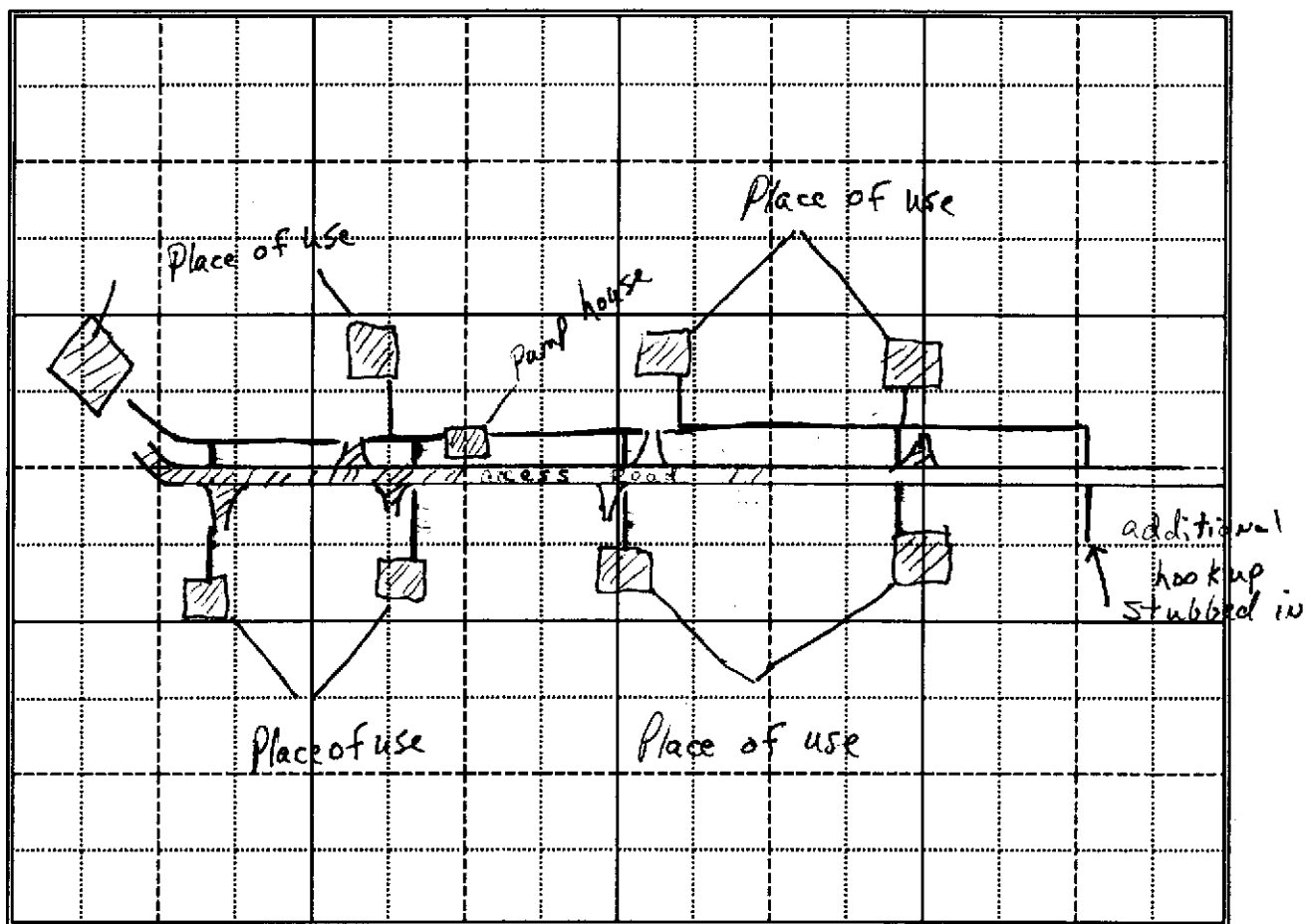
Indicate Method of Determination

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
53N	4W	32												D			D		

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



Scale: 1" = NIS

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

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

____ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
		5			

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

D. FLOW MEASUREMENTS

1.

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

2. Measurements: _____

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E. NARRATIVE/REMARKS/COMMENTS

Ground water is being diverted by means of a 5 h.p. pump. water is being supplied to 8 existing homesites, and one site that is not yet tied into the system, through $\approx$ 1800 ft. of 3 in. piping.

The application had been filed for 1 acre of irrigation per home. However during the inspection it appeared that no one had greater than $\frac{1}{2}$ acre cleared, and some had less than $\frac{1}{2}$ acre. Therefore it is recommended that the rights apply to $\frac{1}{2}$ acre per unit for irrigation. The standard of .03 cfs per acre was applied for irrigation.

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

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F. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:

*See theoretical calculations***G. VOLUME CALCULATIONS**

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \frac{4.5 \times 3.5 = 15.75}{\cancel{9 \times 3.5 = 31.5}}$$
$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = .14 \times 245 \times 1.9835 = 68.03$$
$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 31.5$$

2. Volume Calculations for Other Uses:

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
<i>Domestic</i>	<i>1-1</i>	<i>12-31</i>	<i>.14</i>	<i>5.4</i>
<i>Irrigation</i>	<i>3-15</i>	<i>11-15</i>	<i>.14</i>	<i>31.5 15.75</i>
Totals:			<i>.14</i>	<i>36.9 21.15</i>

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

I. AUTHENTICATIONField Examiner's Name *D. Paef* Date *8-29-96*

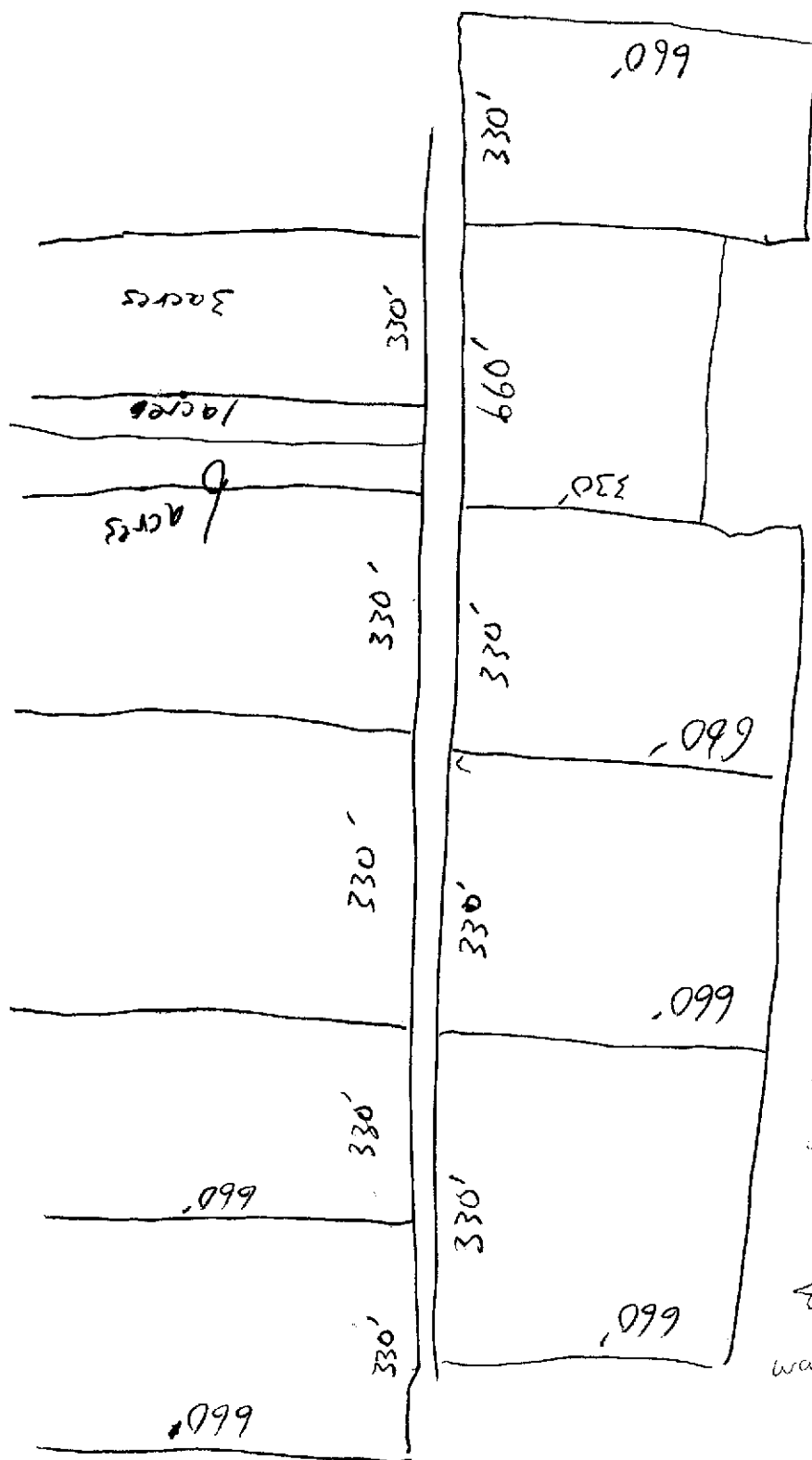
Reviewer _____ Date _____

SEAL

MICROFILMED

JUN 5 6 1996

$$\frac{5 \text{ gal}}{X} = \frac{49 \text{ sec}}{60 \text{ sec}} = \frac{49}{49} \times \frac{300 \text{ gal/min}}{49} = 6.12 \text{ gal/min}$$



9 hookups
5 acres ea.

app. Filed for 1
acre/home; however during
inspection some had less than
1/2 acre etc. therefore
1/2 acre per unit appears
sufficient
Standard of 1.03 = 65
was applied for use

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NOV 03 1986

$$\frac{.04 \text{ cfs}}{X} = \frac{18 \text{ gal/min}}{55 \text{ gal/min}} = \frac{18}{18} X = \frac{2.2}{18}$$

$$\frac{6.12}{9} = 55.08 \text{ gal/min}$$

$$= .12 \text{ cfs}$$

PHOTOFILMED

MAY 3 1956

TELEPHONE CONVERSATION MEMORANDUM

Permit No. 95-08749 Name of Contact Jerry Hammond

Employee _____

Date set for examination: 8-28-96

Time 8:00

Where Gray Eagle Rd. 1st Lft past dump - proceed to metal building on Rt.

Are all the uses on the permit developed? _____

Are there existing water rights used for the same purpose? _____

How many points of diversion are used? 1

If multiple uses are listed, are all supplied by one system? _____ If not, note specifics, i.e. HP, estimated flow, irrigated acres, # of livestock, kind) _____

What is the estimated flow at each point of diversion? _____

Acres irrigated by each P/D? 9 acres

Size of Motor used for each P/D? 5 hp

Estimate of depth to water? 405'

How many laterals are used? 2

Length and size of mainline? 3" 1800'

Pressure at well? 55 psi

Pressure at sprinkler head? _____

Have conditions of approval been complied with? Yes

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NOV 8 1996

THEORETICAL PUMP EFFICIENCY CALCULATIONS

FILE: GROUSE FLATS WATER ASSOC. 95-08749

DATE: 28-AUG-96

COMPLETE BY: PAGEL

HORSEPOWER = 5

PUMP EFFICIENCY = 70%

DYNAMIC LIFT = 90 FEET

SYSTEM PRESSURE = 55 PSI

QUANTITY = 0.14 CFS

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PERMIT # 95-08749

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
FIELD REPORT SUPPLEMENT

P H O T O G R A P H S



Pump house



#1

Place of use

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
FIELD REPORT SUPPLEMENT

PERMIT # 95-08749

P H O T O G R A P H S



#2
Place of use



#3
Place of use

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
FIELD REPORT SUPPLEMENT

PERMIT # 95-08749

P H O T O G R A P H S



#4 P.U.



#5 P.U.

95-08749

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
FIELD REPORT SUPPLEMENT

PERMIT # 95-08749

P H O T O G R A P H S



#6 P.U.



#7 P.U.

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
FIELD REPORT SUPPLEMENT

PERMIT # 95-08749

P H O T O G R A P H S



#8 P.U.



#9 P.U.

MICROFILMED
NOV 08 1996

**ANALYSIS SHEET
FOR
PROOF OF BENEFICIAL USE**

Permit No: 95-08749 Reviewed by [Signature] Date 6-24-96

GENERAL CONSIDERATIONS

TYPES OF USE

yes Name same as permit?

dom. irr.

yes Address same as permit?

yes Proof timely received?

Correct Uses? yes

If not, complete calculation below.

SOURCE OF WATER

 Surface water source

✓ Ground water source

yes Drilling permit required?

no Copy in the file?

Drilling Permit No. 95-43 - W-0017-000

200- Amount paid for permit

yes Correct?

yes Well log in the file?

LICENSE EXAMINATION FEE

yes Required?

50- Amount Submitted

yes Correct?

MEASURING DEVICE

no Required?

+ Installed?

 Waiver requested?

PRIORITY CALCULATION

Date proof received

Date proof due

No. of days late

Priority Date

New Priority Date

_____	-	_____
_____	=	_____
_____	+	_____
_____		_____

DEFICIENCIES OR ACTION ITEMS

Proof Acceptable

DATA ENTRY

New Address [Signature]

Proof Made 6-12-96



RECEIVED

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

USE TYPEWRITER OR
BALLPOINT PEN

MAY 05 1993 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.

Department of Water Resources

1. WELL OWNER

Name Grouse Flats Water Assoc. Inc.
Address P.O. Box 694 Rathbun, Idaho 83858
Drilling Permit No. 95-93-N-17-000
Water Right Permit No. 95-08749

7. WATER LEVEL

Static water level 405 feet below land surface.
Flowing? ☐ Yes ☒ No G.P.M. flow _____
Artesian closed-in pressure _____ p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature _____ °F. Quality _____
Describe artesian or temperature zones below.

2. NATURE OF WORK

- ☒ New well ☐ Deepened ☐ Replacement
☐ Well diameter increase
☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

8. WELL TEST DATA

☐ Pump ☐ Bailer ☒ Air ☐ Other _____

Discharge G.P.M.	Pumping Level	Hours Pumped
10 gal developed	425-456	14
no pump test run		

3. PROPOSED USE

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

9. LITHOLOGIC LOG

Bore Diam.	Depth		Material	Water	
	From	To		Yes	No
10	0	2	top soil		
	2	25	sand, some gravel		
8	25	102	sand & large gravel		
	102	153	cemented sand & gravel		
	153	161	boulders		
	161	183	sand & gravel		
	183	195	boulders		
	195	245	sand, gravel, some brown clay		
	245	389	sand & large gravel		
	389	395	large gravel & brown clay		
	395	455	sand & gravel		X
	455	463	sand, gravel with some brown clay		X

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 8 inches + 2 feet 455 feet
_____ inches _____ inches _____ feet _____ feet
_____ inches _____ inches _____ feet _____ feet
_____ inches _____ inches _____ feet _____ feet

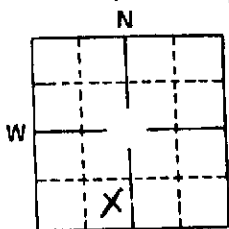
Was casing drive shoe used? ☒ Yes ☐ No
Was a packer or seal used? ☐ Yes ☒ No
Perforated? ☐ Yes ☒ No
How perforated? ☐ Factory ☐ Knife ☐ Torch ☐ Gun
Size of perforation _____ inches by _____ inches
Number From To
_____ perforations _____ feet _____ feet
_____ perforations _____ feet _____ feet
_____ perforations _____ feet _____ feet

Well screen installed? ☒ Yes ☐ No
Manufacturer's name Johnson
Type stainless Model No. _____
Diameter 8 Slot size 40 Set from 455 feet to 460 feet
Diameter _____ Slot size _____ Set from _____ feet to _____ feet
Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____
Placed from _____ feet to _____ feet
Surface seal depth 20 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 Well cap

10. Work started 2-2-93 finished 3-5-93

6. LOCATION OF WELL E. 2233 Grouse RD

Sketch map location must agree with written location.



Subdivision Name _____
Lot No. _____ Block No. _____

County Kootenai
SE 1/4 SW 1/4 Sec. 32, T. 53, S. 4, R. 4 W. 4

11. DRILLERS CERTIFICATION

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

Firm Name Bronson Water Wells Firm No. 360

Address Spirit Lake, Id Date 3-8-93

Signed by (Firm Official) AD Brun
and
(Operator) Cliff Bronson

APPLICATION FOR PERMIT REVIEW

Application #: 95-8749
Date: 7-9-92

Reviewer: Brenda Miller BLM

SYSTEM COMPLETED:

No - 26A-P17
Complete in 1 year - P16
Yes
Proof not submitted - P16
Proof submitted - N/A

GROUNDWATER:

GT. 0.2 cfs <flo-ch> - 01G-P03, 01C-P03 (existing well)
- NMR <fl ch>, A of C
LT. 0.2 cfs - No measurement required <flow chart>

Drilling Permit:

Approved w/permit - P99
Not included - 046-046A-046B-P23 (after 7/1/87), N/A

SURFACE WATER: not in w/d - 01C-P03 (=GT.2 w/pump), NMR <flow chart>

LOCATION:

Water Districts - WD No. _____
Surface water - 005, 005-01H-P01(LT.2 w/pump)
005-01J-P08(GT.2), NMR <flow chart>

Groundwater - P05
Irrigation Districts - 023
Canal Co. Areas - 023
Drainage Districts - 024
Boise Front (63) - 058 (Groundwater)
Swan Falls Flag - (1, Blank or Other)
Trust - 051-052-053-P74 (Consumptive Uses)
Non Trust <1> - 048-049

RIVER BASINS:

(Surface Water) Water District Control Condition &....
Boise (63) - 05A & 11E
Payette (65) - 047-P04, 059-P71
Snake (01, 02 & 03) - 11A-P04(01), 061-P07(02/03 No W.D.Cond.)

USE:

Fish Propagation - 06A, 09E-P10 & 010 (WQ/Choose One),
042(req.), 002-P06(MD), 07A(Spec.),
044(Policy 5G)
Power - Use Power Review
Mining - 06A, 010, or 09E-P10 & 054(req.)
Storage - 18A-for multiple measuring devices(In WD),
18B-P09(Size)
Rec/Wildlf/Aes - 027(Non-Consumptive)
Domestic - 021(restricted areas)

OWNERSHIP:

Non land owner - 004

PROTESTED:

Agreement - 020

Beneficial Use Due Date: - 08-01-1996
Other Conditions Recommended

No. a
4/87-11/91n

IDAHO DEPARTMENT OF WATER RESOURCES
APPROPRIATION APPLICATION ANALYSIS SHEET

***** INITIAL REVIEW *****

APPLICANT: GOOSE FLATS By AB DATE 5/4/92 APPLICATION # 95-8747
WATER ASSN.

REQUIRED INFORMATION

- (1). (X) Name and Address:
(2). (X) Source:
(3). (X) P. D. including county:
(4). (X) Quantity:
(X) Nature of proposed use:
(X) Period of use:
(5). (X) Total Quantity:
(6). (X) Description of diverting works:
(X) Dam information requested
or not required
(7). (X) Time required for b/u
(8). (X) Proposed uses:
(9). (X) Place of use or acres irrigated:
(10). (X) Other Water Rights:
(11). (X) Ownership:
(13). (X) Map:
(X) Signature:
(X) Fee: (Amt, recpt, acknowledgment)

ADDITIONAL INFORMATION

Yes No

- ___ / Field check: by _____
___ / Field report attached:
___ / Analysis Supp attached (>5cfs/500af)
___ / Water delivered by water master?
Water District # _____

PROCESSING

Yes No

✓ Proposed Priority MAY / 4 / 1992
In form for Advertising in the
COGORD'ALONE PRESS 5/21-28/92
County of KOOTENAI

___ X Statewide advertising: (diversion
greater than (10cfs/1,000af)

SEND COPIES TO:

() USFS CdA	() USFS Oro	() USFS Grangville
() BLM	() W/W Corps	() Albeni Corps
() F&G CdA	() F&G Lew	() IDL
() H&W CdA	() H&W Lew	() Adj Div
(Other) _____		

LETTERS SENT REQUESTING:

() Dam information () Fish Information
() Power information () Other

INFORMATION RECEIVED

() Power information () Dam information
() Fish Information () Other

***** GROUNDWATER SECTION *****

(Yes) (No)

- ___ X Groundwater management area:
___ X Critical ground water area:
X ___ Well Drilling Permit required:
___ Well Drilling Application and Fees received:
___ Well Drilling Application approved?
Well Drilling Application Number _____

Checked By _____

Remarks: _____

***** FINAL REGIONAL PROCESSING/REVIEW *****

(Yes) (No)

- ___ Notice of pending void order issued: Final date of order response. _____
___ Further information required from applicant:
✓ ___ Affidavit of publication received:
✓ ___ Application published correctly: If not, record action taken: _____
✓ ___ Publication dates and paper recorded on application:
✓ ___ Protests received, Final date for protest 6/8/92
___ Measuring device required:
___ Measuring port required:
___ Special conditions _____
___ Special conditions of approval supplement and/or cover letter attached:

RECEIVED
JUN 15 1992

Department of Water Resources

Approval Recommended by: QMA Date 6/10/92