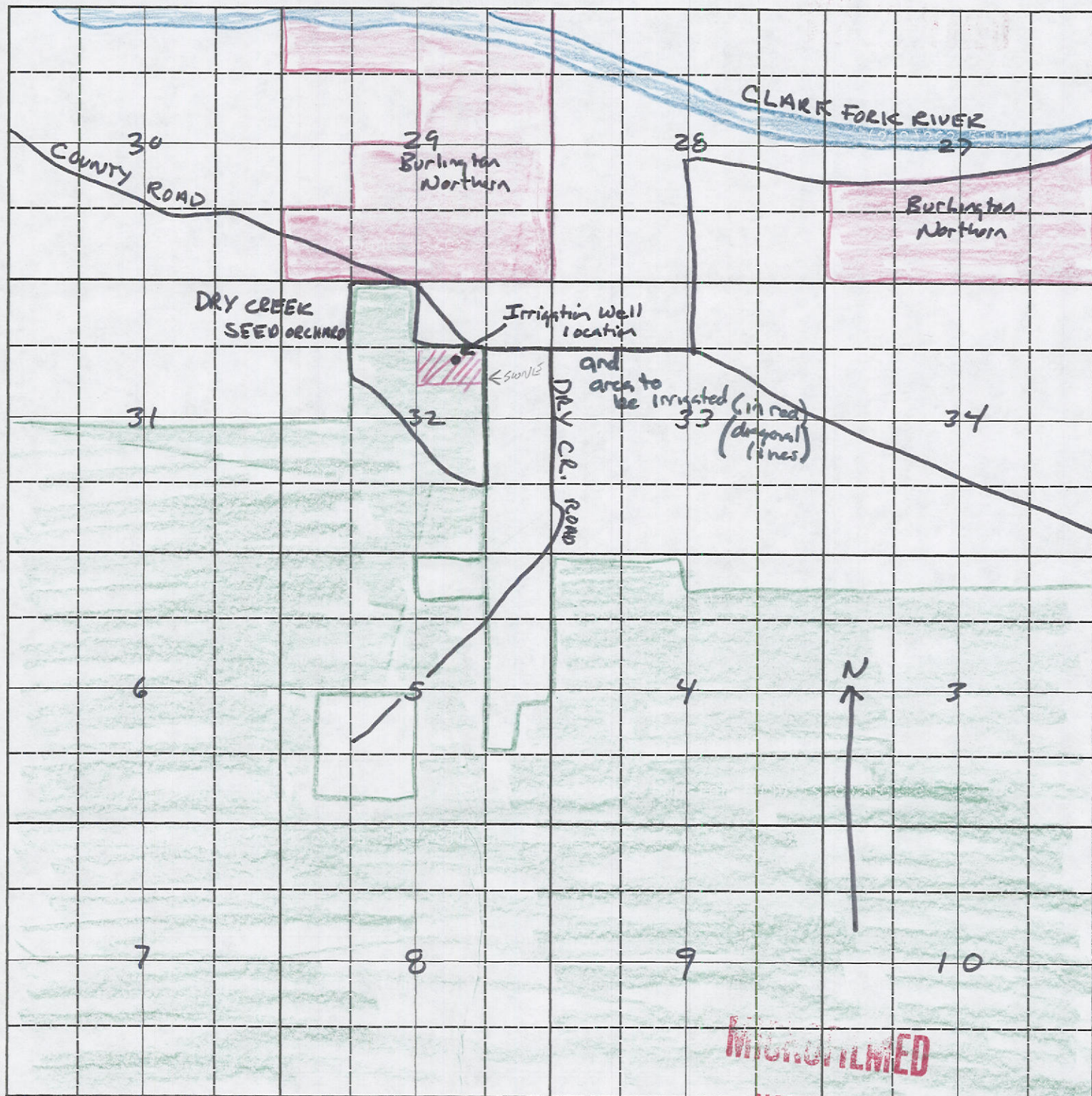


13. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



Scale: 2 inches equal 1 mile.

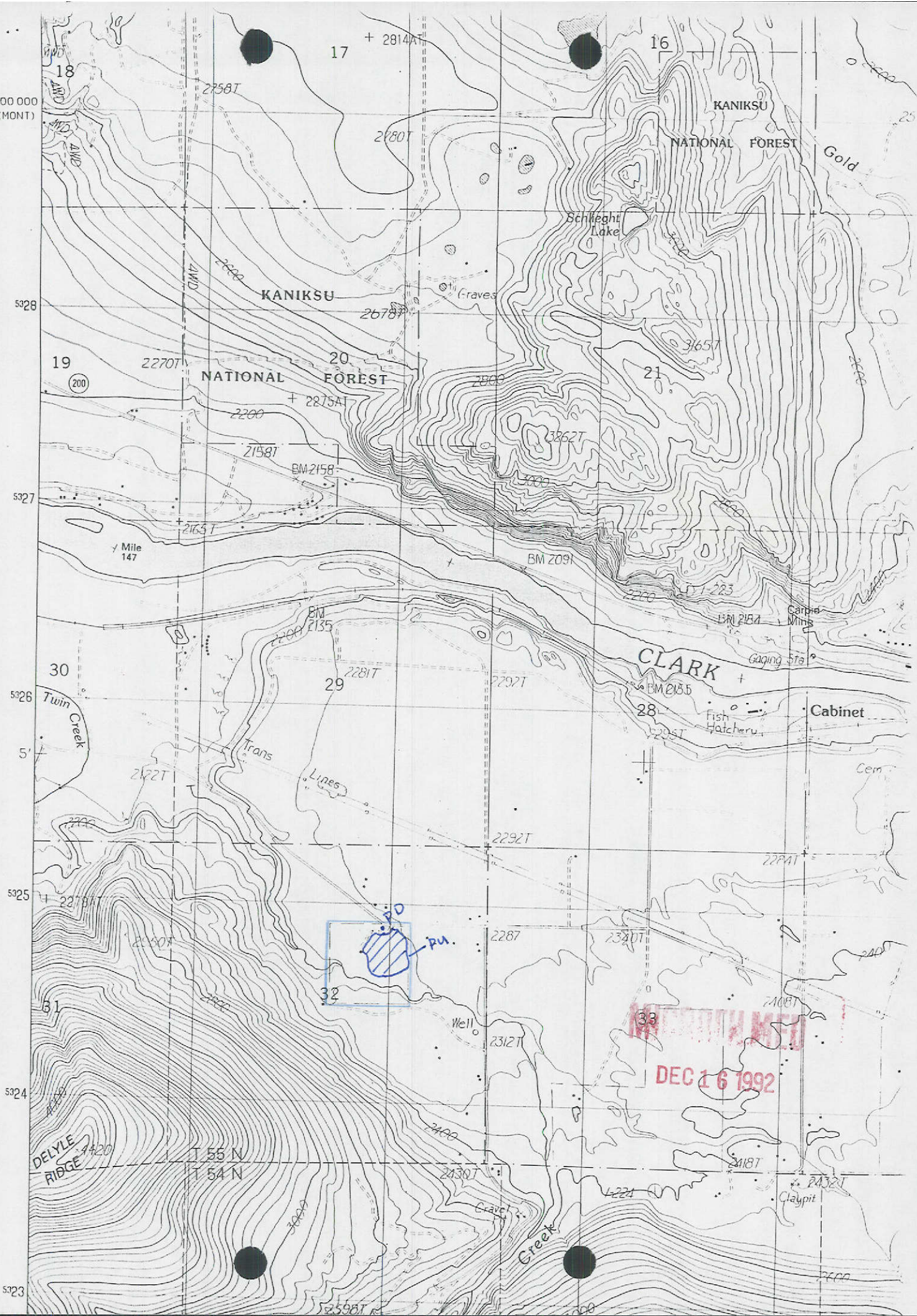
MICROFILMED

MAR 28 1990

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.

David Lowenbach
DIST. RANGER (Applicant)

900 000
FEET (MONT)



ROAD

Well # 96-08577

4' mainline with 2" lateral pipe
20 Hunter head pressure sensor head 2.2-2.7 gpm
60 Rain bird LV204 with B64 + 1.25-1.5 gpm

N 89° 20' 35" W - 1328.8'

unused Main Line

BU 34

Contour Interval 2 Feet

Scale in Feet



Scale in Metres

1:1200

BU 12 Mid

BU 12 High

BU 12 Low

49

Domestic Well

96-08573

DF Hedge Orchard

SW 1/4 NE 1/4
Sec. 32, T.50N. R.3E. BM.

Water Station

Dry

Creek

RECEIVED
DEC 16 1992

2
↑

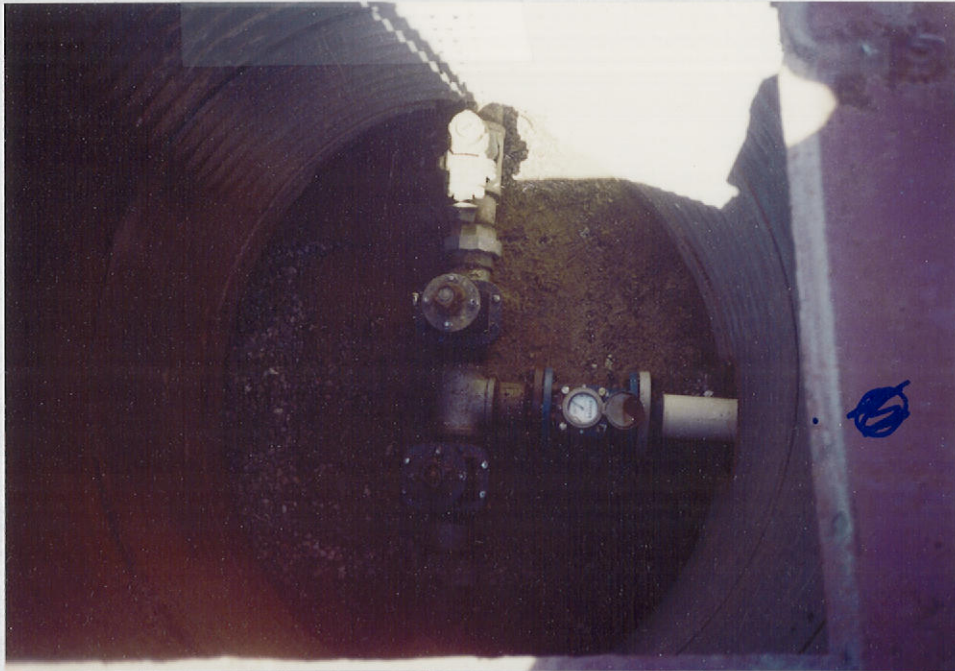
Location of all 5 wells @ Dry Creek.



PERMIT # 96-08577

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
FIELD REPORT SUPPLEMENT

P H O T O G R A P H S



MICROFILMED
DEC 16 1992

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 96-08577

Priority: September 26, 1989

Maximum Diversion Rate: 0.20 CFS
Maximum Diversion Volume: 33.0 AF

This is to certify, that US DEPT OF AGRICULTURE
FOREST SERVICE
FEDERAL BLDG
PO BOX 7669
MISSOULA MT 59807

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated September 26, 1989; and has submitted Proof of Beneficial Use on April 18, 1990. An examination indicates that the works have a diversion capacity of .280 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	05/01 to 09/30	0.20 CFS	33.0 AF

LOCATION OF POINT(S) OF DIVERSION: SWNE , Sec. 32, Township 55N, Range 03E
BONNER 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>
55N	03E	32	SWNE	11		11

Total number of acres irrigated: 11

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 limited to the amount that can actually be beneficially use 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 3.0 afa per acre for the lands above.

RECEIVED

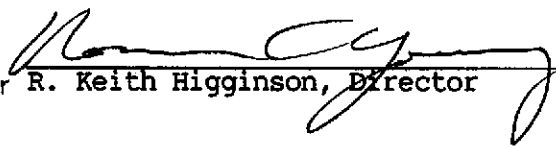
DEC 16 1992

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 96-08577

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 16th
day of OCTOBER, 1992.

Acting for  R. Keith Higginson, Director

NOT RECORDED

DEC 16 1992

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 96-08577

Proposed Priority: September 26, 1989 Maximum Diversion Rate: 0.20 CFS

This is to certify, that U.S. DEPT. OF AGRICULTURE
FOREST SERVICE
FEDERAL BLDG.
P.O. BOX 7669
MISSOULA, MT 59807

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	05/01 to 09/30	0.20 CFS

LOCATION OF POINT(S) OF DIVERSION: NESWNE Sec. 32, Township 55N, Range 03E
BONNER 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>
55N	03E	32	SWNE	11		11

Total number of acres irrigated: 11

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before **February 1, 1991**.
2. Subject to all prior water rights.
3. Permit holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
4. The rate of diversion of water for irrigation under this permit and all other water rights on the same land shall not exceed 0.02 cubic feet per second for each acre of land.

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

3rd day of January, 1990.

R. Keith Higginson
R. Keith Higginson, Director

MICROFILMED

MAR 28 1990

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

Ident. No. 96-08577

To appropriate the public waters of the State of Idaho

1. Name of applicant U.S. Forest Service Sandpoint R.D. Phone (208)263-5111

Post office address 1500 Highway #2, Sandpoint, Idaho 83864

2. Source of water supply Ground Water which is a tributary of _____

3. Location of point of diversion is NE $\frac{1}{4}$ of SW $\frac{1}{4}$ of NE $\frac{1}{4}$, Govt. Lot _____

Sec. 32 Township 55N Range 3E B.M. Bonner County; additional
points of diversion if any: _____

4. Water will be used for the following purposes:

Amount .20 for Irrigation purposes from 5/1 to 9/30 (both dates inclusive)
(cfs or acre-feet per annum)

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

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

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

5. Total quantity to be appropriated is (a) .20 and/or (b) _____
cubic feet per second acre feet per annum

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. The pump in this well is a Sta-Rite Model
190P 10 hp submersible. A Sta-Rite Model DMH-5 booster pump is connected to the
mainline where it exits the well casing.

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 243 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 uses

1 years (minimum 1 year).

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MAR 28 1990

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. _____
- 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.

TDK PER TEL/LEN ARAIM ERAMIAN

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
55N	3E	32			11						11								11

Total number of acres to be irrigated 11

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

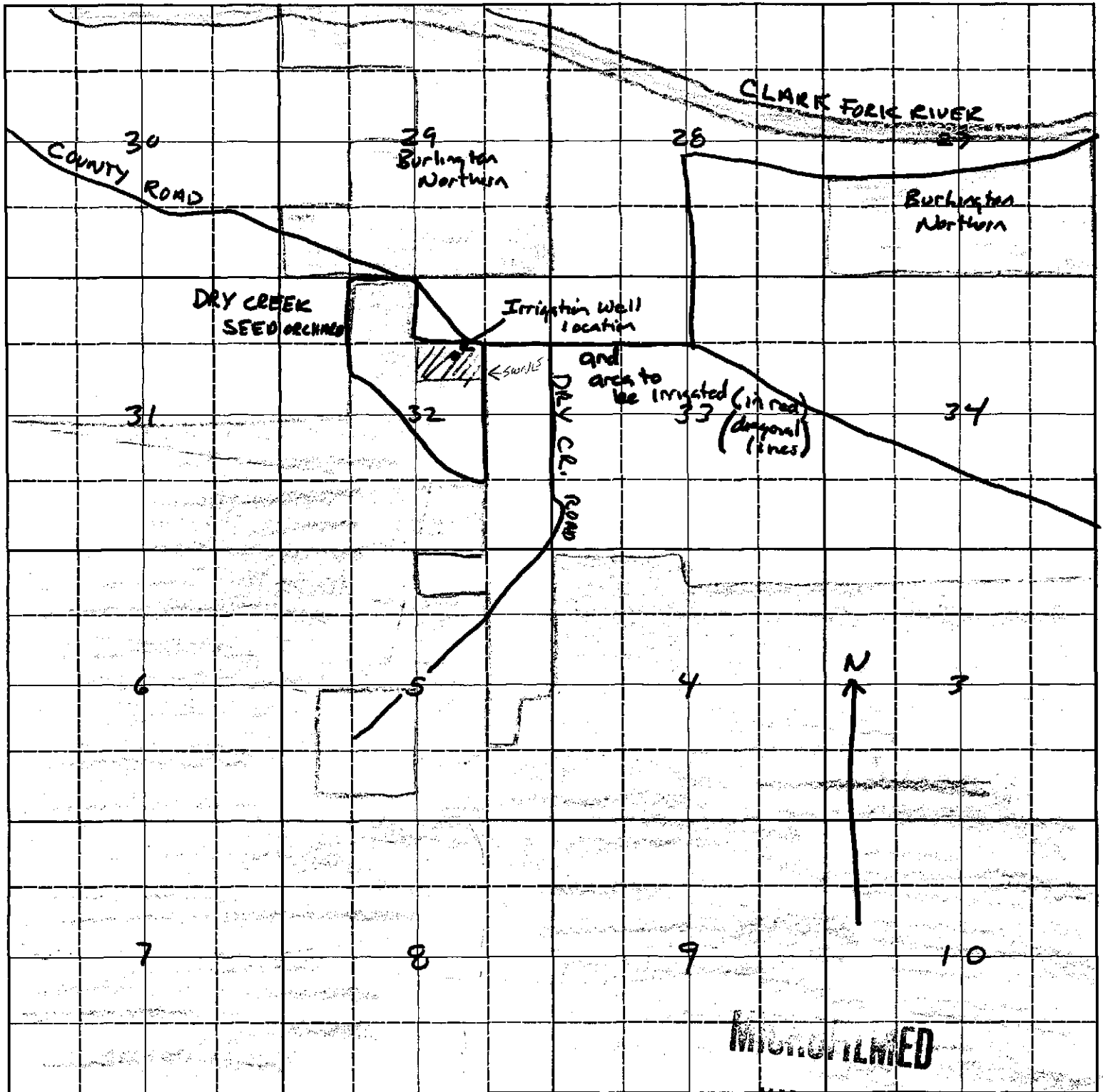
- Who owns the property at the point of diversion? U.S. Forest Service
- Who owns the land to be irrigated or place of use? U.S. Forest Service
- If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing. _____

12. Remarks: _____

RECORDED

MAR 26 1990

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



Scale: 2 inches equal 1 mile.

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

David Lowenbach
DIST. RANGER (Applicant)

Received by pm Date 10/2/89 Time 2:15PM Preliminary check by TDK
Fee \$ 30.00 Receipted by pm # N 3352 Date 9/26/89
Publication prepared by pm Date 10/25/89 Published in Brown County Daily Bee
Publication approved pm Date 11/14/89

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:

MICROFILMED

MAR 28 1990

AFFIDAVIT OF PUBLICATION

State of Idaho

ss.

County of Bonner,

Tina Vandenberg being first duly sworn on oath
deposes and says that he/she is Bookkeeper
of the Bonner County Daily Bee, a newspaper printed and
published at Sandpoint, Bonner County, Idaho; that the
said newspaper has been continuously and uninterruptedly
published in said Bonner County during a period of 12
months prior to the first publication of the hereto attached
notice of publication in the case of:

Legal notice

as it was published in the regular and entire issue of the
said paper for a period of 2 consecutive weeks,
commencing on 2 day of NOV, 19 89
and ending on the 9 day of NOV, 19 89
and that said notice was published in said newspaper.

On this 13th day of November in the year
of 89, before me, a Notary Public, personally
appeared Tina Vandenberg,
known or identified to me to be the person whose name
subscribed to the within instrument, and being by me
duly sworn, declared that the statements therein are true
and acknowledged to me that he executed the same.

Kim Johnson
Notary Public for Idaho

Residing at

Sandpoint

My commission expires:

10/22/93

NOTICE OF APPLICATION FOR WATER RIGHT

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

96-08576

U.S. DEPT. OF AGRICULTURE
FOREST SERVICE
FEDERAL BLDG.
P.O. BOX 7669
MISSOULA, MT 59807
Source: GROUNDWATER
Diversion Pt: SWSWNE Sec 32 T 55N
R 03E
Use: IRRIGATION (.200 CFS)
Date Filed: 9/01/1989
In: T55N R03E S32 SWNE NWSE
25.0 ACRES TOTAL

96-08577

U.S. DEPT. OF AGRICULTURE
FOREST SERVICE
FEDERAL BLDG.
P.O. BOX 7669
MISSOULA, MT 59807
Source: GROUNDWATER
Diversion Pt: NESWNE Sec 32 T
55N R 03E
Use: IRRIGATION (.200 CFS)
Date Filed: 9/26/1989

In: T55N R03E S32 SWNE
11.0 ACRES TOTAL

96-08578

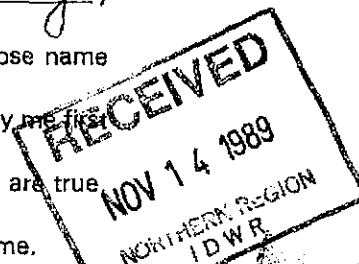
U.S. DEPT. OF AGRICULTURE
FOREST SERVICE
FEDERAL BLDG.
P.O. BOX 7669
MISSOULA, MT 59807
Source: GROUNDWATER
Diversion Pt: NWSWNE Sec 32 T
55N R 03E
Use: IRRIGATION (.200 CFS)
Date Filed: 9/26/1989
In: T55N R03E S32 SWNW SENW
24.0 ACRES TOTAL

96-08579

HENDRICKSON, JOSEPH
HENDRICKSON, WENDY
2272 MAGNOLIA ST.
DES PLAINES, IL 60018
Source: SPRING Tributary: SINKS
Diversion Pt: NENENE Sec 17 T
56N R 01W
Use: DOMESTIC (.040 CFS)
Date Filed: 9/11/1989
In: T56N R01W S17 SENE
For additional information con-
cerning the property location, call
the Northern Regional Office at 765-
4639.

The permit(s) will be subject to all
prior water rights. Protests must be
filed with the Director, Dept. of
Water Resources, Northern Region,
1910 Northwest Blvd., Suite 210,
Coeur d'Alene, Idaho 83814 on or
before NOVEMBER 20, 1989.

R. KEITH HIGGINSON, Director
November 2, 9, 1989



MAR 28 1990



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

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

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

October 21, 1992

US DEPT OF AGRICULTURE
FOREST SERVICE
FEDERAL BLDG
PO BOX 7669
MISSOULA MT 59807

RE: WATER RIGHT NO. 96-08577

Dear Water Right Holder(s):

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

Sincerely,

PAMELA SKAGGS
Water Resource Agent

PS:cz

Enclosure

UNRECORDED

DEC 16 1992

LICENSE REVIEW CHECKLIST

Permit # 96-08577

Date 10-06-92

Q8

	<u>Yes</u>	<u>No</u>	
NAME	<u> </u>	<u>✓</u>	Address Change?
PRIORITY DATE	<u> </u>	<u>✓</u>	Advance?
	<u> </u>	<u>✓</u>	Memo to Advance
	<u> </u>	<u>✓</u>	Order to Reinstate Needed?
TOTAL CFS	<u> </u>	<u>✓</u>	Incorrect Fee for rate recommended?
	<u> </u>	<u>✓</u>	Disagree with Actual Measurement?
			<u>11 x .02 = .22 / .20 cfs (IRR) Per Permit</u>
	<u> </u>	<u>✓</u>	Disagree with Theoretical?
	<u> </u>	<u>✓</u>	Limited by Capacity? <u>.28 cfs</u>
			<u>(measured)</u>
TOTAL VOLUME			Rate/ac <u>3.0</u> AFA Irr. Season <u>D</u>
			<u>3-15 to 11-15</u> Standard Irr. Season
			<u>5-1 to 9-30</u> Per Permit Season Recommended
	<u> </u>	<u>✓</u>	Disagree with Examiner's Calculations?
			<u>11 x 3.0 = 33.0 afa (IRR)</u>
	<u> </u>	<u>✓</u>	Limited by Flow? <u>.20 x 152 x 1.9835 = 60.3 > 33</u>
SOURCE	<u> </u>	<u>✓</u>	Changes? Clarification of <u>Originally</u>
			<u>Intended</u> source
	<u> </u>	<u>✓</u>	Notice of Intent to Void.
P/D			Verify with Map
	<u> </u>	<u>✓</u>	Amendment Needed?
	<u> </u>	<u>✓</u>	Is Overlap Analysis a Consideration?
P/U			Verify with Map
	<u> </u>	<u>✓</u>	Amendment Needed?
	<u> </u>	<u>✓</u>	Is Overlap Analysis a Consideration?
USES	<u> </u>	<u>✓</u>	Change(s) in Nature of Use?
	<u> </u>	<u>✓</u>	Amendment Needed?
REMARKS	<u> </u>	<u>✓</u>	Multiple P/Ds in 1/4 1/4?
	<u> </u>	<u>✓</u>	Non-Irr. Uses
	<u> </u>	<u>✓</u>	Special Overlap Condition
	<u> </u>	<u>✓</u>	Other
CONDITIONS	<u> </u>	<u>✓</u>	Measuring Device
	<u> </u>	<u>✓</u>	W/Master Control
	<u>R29</u>	<u> </u>	Overlap
	<u> </u>	<u>✓</u>	Water Quality
			DATES/MISC
		<u>✓</u>	Water Dist.
		<u>✓</u>	App Rec'd
		<u>✓</u>	Exam Made

COMMENTS/MEMOS NEEDED:

License ✓ 10-Day 15-Day Special Correspondence

WR0749NP
No. L96-08577

IDAHO DEPARTMENT OF WATER RESOURCES
WATER RIGHT PROFILE REPORT
(REGIONAL)

DATE: 10/06/92
PAGE: 1

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	US DEPT OF AGRICULTURE FOREST SERVICE FEDERAL BLDG PO BOX 7669 MISSOULA MT 59807 (208) 263-5111	09/26/1989	IRRIGATION	05-01 09-30	0.20 CFS	33.0 AFA
TOTAL DIVERSION:					0.20 CFS	33.0 AFA

Water Source: GROUNDWATER

Tributary to:

Stage: LICENSE

Point(s) of Diversion Capacity: 0.28 CFS

Point(s) of Diversion: T55N R03E S32 SW NE

Place of use Legal Description for: IRRIGATION

				NE				NW				SW				SE					
T	R	S	:	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	:	SUM
55N	03E	32	:				11	:												:	11.0
																				TOTAL ACRES	11.0

Pou County: BONNER

Other Water Rights Listing Overlapping Place(s) of use:
96-08576 96-08577 E96-08576 E96-08577

Conditions of Approval:

R29 - This right when combined with all other rights shall provide no
- more than .02 cfs per acre nor more than 3.0 afa per acre for the
- lands above.

Dates: App. Received: 09/26/1989 Priority Date: 09/26/1989
Proof Due Date: 02/01/1991 Proof Made Date: 04/18/1990
Exam Made Date: 07/31/1991 Exam Sent to S.O.: 08/04/1992
Licensed Date:

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

Audit: 10/06/92 SKAGGS

SENIOR AGENT REVIEW

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AUG 10 1992

Check List
for
Beneficial Use Field Report

Department of Water Resources

Permit 96-8577

✓ **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)
✓ Photo of pd and/or pu or explanation
✓ 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/Permit.
✓ Government Lot ?
✓ Method of determination
✓ 6. Compare USGS/Land Survey? Aerial Photos/Permit.
✓ Method of determination,
✓ 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/not less than 0.10 (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 (Rule 5,1,2):
✓ All unused, permitted uses 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 Tom D. King
Tom D. King Sr. Water Resource Agent

Date 10-11-91

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

- Permit No. 96-08577
1. Owner: USDA Forest Service Sandpoint Ranger Dist Phone No. 263-5111
Current Address: 1500 Highway #2, Sandpoint ID 83864
2. Accompanied by: Aram Eramian EXAM. DATE: 7/31/91
Address: SAME Phone No. _____
Relationship to Permit Holder: USDA-FS Rep
3. Source: Groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: None with exact same acres

☐ 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

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Scale: 1" = _____

DEC 16 1992

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

System Description (continued)

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

Well 8" x 240' ~~deep~~ deep with Submersible 10 hp pump pumps water through 4" diameter buried mainline to 19 risers. Risers pivot and can be attached to surface laterals perpendicular to the main line in either a westerly or easterly direction. There are ~~60~~ 20 Hunter "P" series sprinklers at 50psi and 60 Rainbird LV20# (5/64") impact sprinklers at 50psi. The Main line "T"s and has a line that runs East to west, but it has never been used & has no laterals.

☐ 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
Submersible		10		Starite	Model CP 6C 02 HCO2
Booster		5		Starite	DMH5

*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
		NE	SW	NE	32	55N	3E	Bonner	Map

6. **Place(s) of Use:**

Indicate Method of Determination

Map

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	
55N	3E	32			11														11

Do not use this space

DEC 16 1992

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

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

2. Measurements:

50psi

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

0.20 cfs as per permit

1. Measured Method:

Hunters 20 (2.45) = 49 gpm
Rainbirds 60 (1.25) = 75 gpm
124 gpm = 0.28 cfs

2. Alternate Method for Checking Purposes:

$(154 \times 0.88) (70\%) = 154$
 $(2.31 \times 50) + 178 = 293.5$
= 0.52 system Capacity

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:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 11 \times 3.0 = 33.0 \text{ afa}$

$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 0.20 \times 153 \times 1.9835 = 72.62 \text{ afa}$
= 60.7 afa

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 33.0 \text{ afa}$

2. Volume Calculations for Other Uses:

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H. REMARKS AND OVERLAP REVIEW ANALYSIS

I. RECOMMENDATIONS

1. Recommended Amounts

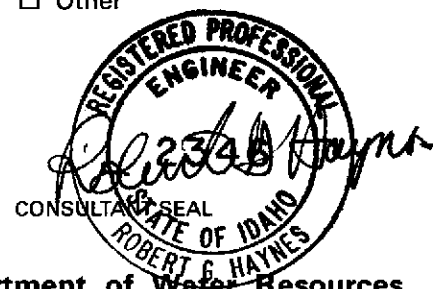
Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Irrigation	5-1	9-30	0.20 cfs	33.0 afa
Totals:				33.0 afa

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

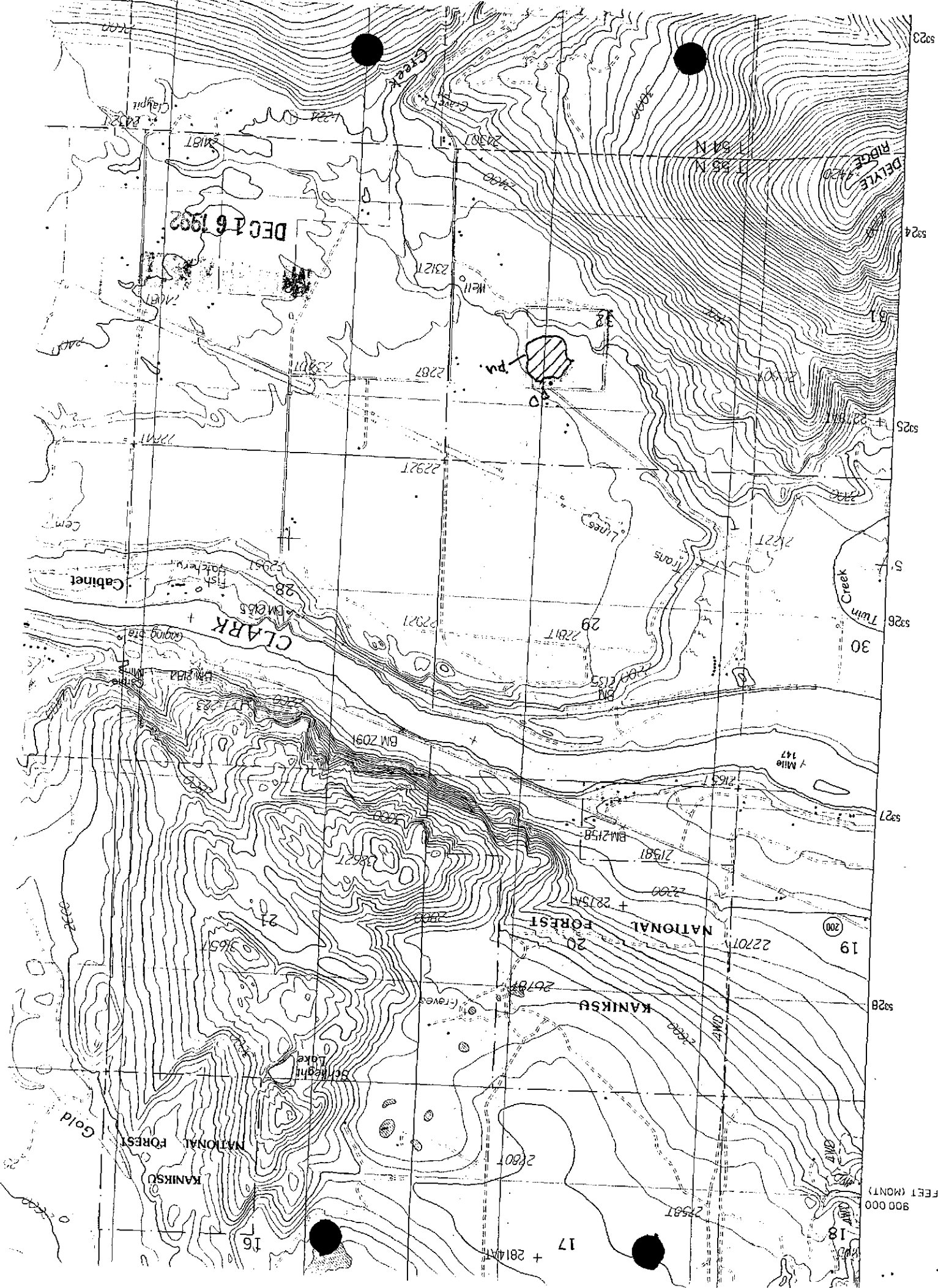
Field Examiner's Name Theresa J. Bright
Signature Theresa J. Bright
Certification Date 4/10/91
Field Report Preparation Date 8/21/91



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

RECEIVED

DEC 16 1992



N 89° 20' 30" W - 1325.87

ROAD

Well # 96-08577

4' mainline with 2" lateral pipe
20' Hunter head pressure sensor head 2.2-2.37
60 Rain Bird LV 204 with 24" x 1.32-1.7
gpm

Unused Main Line

BU 34

Contour Interval 2 Feet

Scale in Feet



Scale in Metres

1:1200

BU 12 Low

BU 12 Mid

BU 12 High

SW 1/4 NE 1/4
Sec 32, T55N, R5E, BM

Domestic Well

96-08573

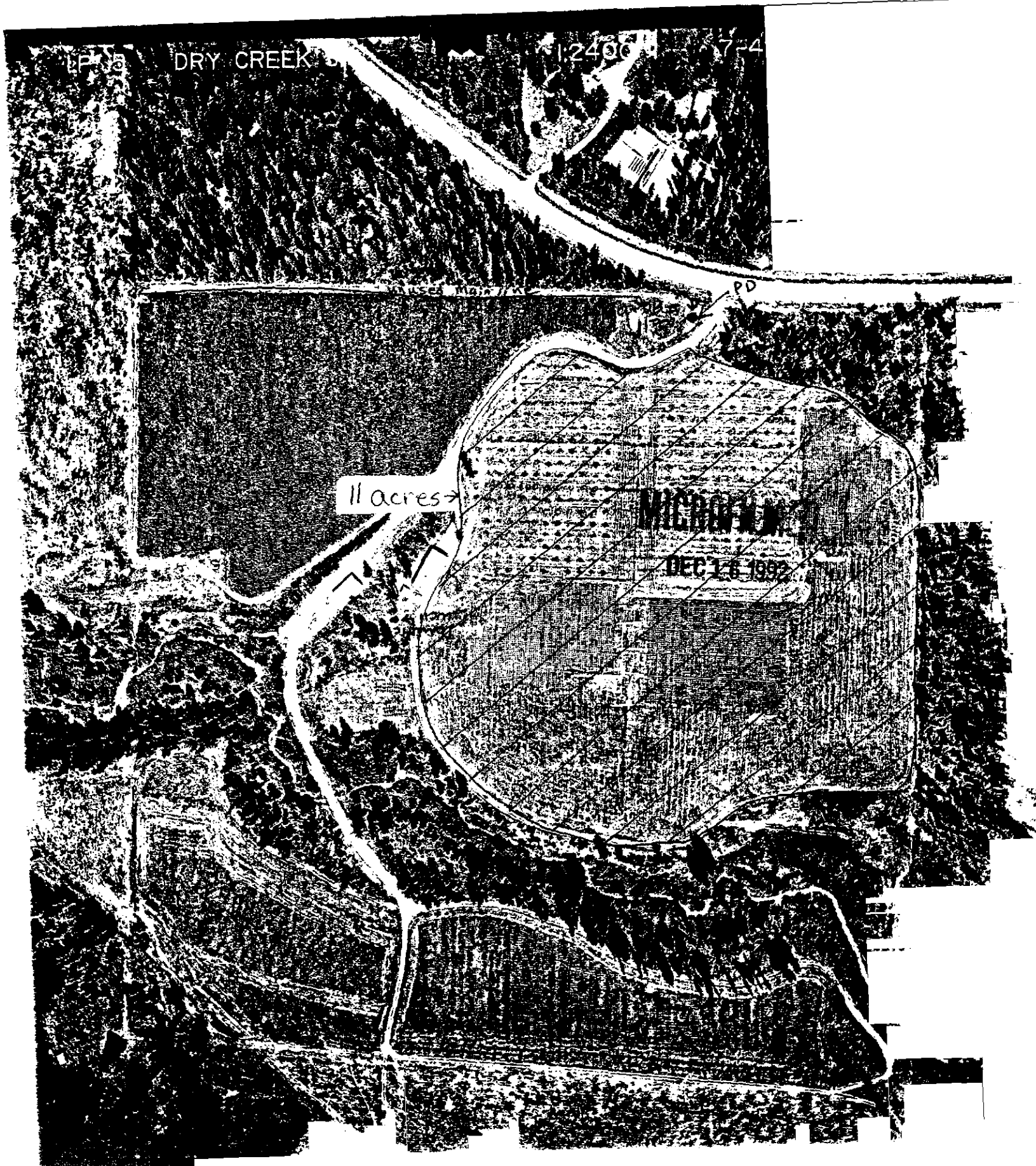
DF Hedge Orchard

Dry

Creek

16 1992

Location of all 5 wells @ Dry Creek.



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.

[illegible]

State of Idaho
Department Of Water Resources
WELL INSPECTION FORM

If well is associated with water right, provide WR Permit No. 96-08577

Otherwise provide legal description and a sketch map and/or address so that the well can be located easily.

1. Legal Description of Well Location:

Twp. 55 N, Rge. 3E Sec. 32, SW $\frac{1}{4}$ NE $\frac{1}{4}$ Gov. Lot _____

2. Owner: USDA Forest Service, Sandpoint Ranger Dist.

Address: 1500 Highway #2

City Sandpoint, State ID 83864

3. Casing $\geq$ 12 inches above ground: Yes _____ No _____

4. Access Port: Y _____ N _____
Pressure Gauge: Y _____ N _____
Flowing: Y _____ N X

Static Water Level: 178
Casing Diameter: 8"
Temperature: cold

5. Are there any obvious construction problems that may be a source for contamination or waste of water: Y _____ N _____

If answer to Item 5 is Yes, describe in remarks and attach photo.

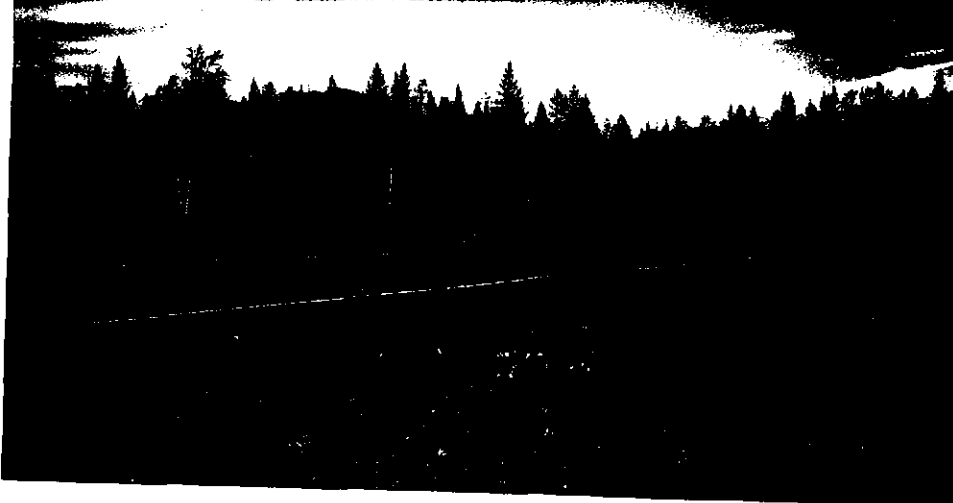
Remarks: Well log attached

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DEC 16 1992

PERMIT # 96-08577

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
FIELD REPORT SUPPLEMENT

P H O T O G R A P H S



DEC 16 1992

July 17, 1990

U.S. FOREST SERVICE
Sandpoint Ranger Dist.
1500 Highway #2
Sandpoint, ID 83864

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 96-08577

Dear Permit Holder:

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

If you have questions concerning this matter, please feel free to contact the NORTHERN Regional Office in Coeur D' Alene at (208)765-4639.

Sincerely,

Rita Fleck
Secretary/Records Manager

c: IDWR - Region

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JUL 30 1990

1/88

PROOF OF BENEFICIAL USE

ANALYSIS SHEET

Permit No. 96-8577

Date: 7-17-90

General Considerations:

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

Source of Water:

- ☒ Surface water
☒ Groundwater
 1. well log in file 1985
NA 2. drilling permit
NA 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:

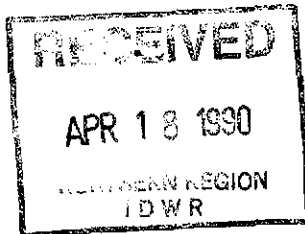
Proof of Beneficial Use

Priority Calculation:

Date proof received	<u>NA</u>	<u> </u>
Date proof due	<u> </u>	<u> </u>
No. of days late	<u> </u>	<u> </u>
Priority date	<u> </u>	<u> </u>
NEW PRIORITY DATE	<u> </u>	<u> </u>

JP
SEND FILES TO DATA ENTRY AND THEN TO MICROFILM

Address Change NO



RECEIVED

APR 23 1990

For Office Use Only
Amt. of Fee \$ 50.00
Date 4/18/90
Receipt No. N3471
Received by AST-7-17-90

STATE OF IDAHO
Department of Water Resources
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/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 or a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

Permit No. 96-08577 Telephone No. (208) 263-5111

Name(s) of Permit Holder(s): U.S. Forest Service (Sandpoint Ranger District)

Post Office Address: 1500 Highway #2, Sandpoint, Idaho 83864

Source of Water: Groundwater

If ground water, well driller's name: Bronson Water Wells Date drilled: 6/11/85 to 6/17/85

Extent of Use:
Domestic _____ (No. of households) Irrigation 11 (No. of acres)
Stockwater _____ (No. and type of stock) Other _____

Total rate and/or volume for which proof is submitted .20 cfs _____ acre/feet

Show date water was first diverted and beneficially used under this permit: May 6, 1987

One of the following may be a condition of approval of your permit:

Measuring device: Required? Yes X No Installed? XX Yes No

OR

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

Fee Enclosed: \$ 50.00 (See License Examination Fee Schedule)

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

Aram Eramian (208) 263-5111
Name Telephone No.
1500 Highway #2 Sandpoint, ID 83864
Address

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

4/11/90 Date
Stephen J. Brey for Claire Lavendeth District Ranger Signature (and title if on behalf of a company or organization)

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JUL 30 1990

S T A T E O F I D A H O
D E P A R T M E N T O F W A T E R R E S O U R C E S

Statehouse
Boise, Idaho 83720
(208) 327-7900
January 4, 1990

U.S. DEPT. OF AGRICULTURE
FOREST SERVICE
FEDERAL BLDG.
P.O. BOX 7669
MISSOULA, MT 59807

P E R M I T A P P R O V A L N O T I C E

RE: PERMIT NO. P96-08577

Dear Permit Holder:

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

Section 42-235, Idaho Code, requires that a "drilling permit" must be obtained from the department for all wells constructed after July 1, 1987. A drilling permit is a separate permit that must be issued in addition to your permit to appropriate water. Commencement of well construction or diversion of water under your permit to appropriate water is prohibited unless a drilling permit is obtained.

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. Also enclosed for your convenience is a form entitled "Proof of Beneficial Use" that must be submitted to the Department when your project is completed. If development is complete, you may submit proof of beneficial use immediately.

Sincerely,

GARY SPACKMAN, Supervisor
Water Right Permits Section

GS: SC
Enclosures

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MAR 28 1990

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPROPRIATION APPLICATION ANALYSIS SHEET

INITIAL REVIEW BY: TDK DATE: 9/26/89 APPLICATION: 96-08577

APPLICANT: USFS

REQUIRED INFORMATION

- (1). ☒ Name & Address: (If applicant is a corporation or partnership, names must be provided for the director, officers, and other partners.)
(2). ☒ Source: (See USGS Quad for names of water sources)
(3). ☒ Point of Diversion including county: (spring/10 ac., Subd. lot & block)
(4). ☒ Quantity: (flow and/or volume)
☒ Nature of proposed use: (Include description of use)
☒ Period of use:
(5). ☒ Total Quantity: (flow and/or volume)
(6). ☒ Description of diverting works:
(7). ☒ Time required for beneficial use of water:
(8). ☒ Proposed uses:
TDK (9). ☒ Place of use or acres irrigated:
TDK (10). ☒ Other Water Rights:
TDK (11). ☒ Ownership:
TDK (13). ☒ Map:
TDK ☒ Signature: (signator title required for corp., partnership, etc)
☒ Fee: (Amount, receipt number and date recorded on application)
☒ Acknowledgement Letter:
☒ Overlap Review: Attachment ? (Y) ☒ (N) ☐
(Describe source & relationship to present application in remarks).

ADDITIONAL INFORMATION

YES NO

- ☒ Field check required: Field check by: _____
☒ Field report attached:
☒ Critical groundwater area:
☒ Groundwater management area:
☒ Send dam safety information:
☒ Send power requirement letter:
☒ Send fish farm requirement letter:
☒ Power residency affidavit:
☒ Power efficiency form:
☒ Within trust water boundry: (Attach Trust Water Supp. Analysis Sheet.)
☒ Diversion greater than 5 cfs or 500 af: (If yes, attach Large Diversion supplementary analysis sheet.)

PROCESSING

YES NO

- ☒ In form for advertising:
☒ Statewide advertising:

Send Copies To

YES NO

- ☒ I.D. Health and Welfare
☒ I.D. Fish and Game
☒ I.D. Lands
☒ Adjudication Bureau

YES NO

- ☒ U.S. BLM
☒ U.S. Forest Svc.
☒ Water District # _____
☒ Other _____

RECEIVED
DEC 01 1989

Department of Water Resources

FOLLOWING INFORMATION REQUESTED FROM APPLICANT

Date Requested

Date Requested

FINAL REGIONAL PROCESSING REVIEW

YES NO

Additional information received:

Notice of pending void order issued: Final date of order response.

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

Protests, dates, resolution of protest recorded on application:

Recommendations attached:

Measuring device required:

Measuring port required:

Water delivered by water master? District #

Special conditions of approval or cover letter: (see additional info. below)

See Below For Additional Information

Recommended Date of Priority

Recommended by:

Date 1/28/80

STATE OFFICE REVIEW

P23

P/6

46

See remarks for additional information. By

kw

Date 12-27-89

REMARKS

WR-NUMBER	NAME	STG	SOURCE	T	R	S	NE	NW	SW	SE	NW	SW	SE	NW	SW	SE	NW	SW	SE	SUM
9508633	JOHNSON	S	SPOKANE RIVER	50N	04W	7	:	:	:	:	:	:	:	:	:	:	:	:	:	:
9504061	HAMPTON	S	SPOKANE RIVER	50N	04W	7	:	:	:	:	:	:	:	:	:	:	:	:	:	:
9504062	JOHNSON	S	SPOKANE RIVER	50N	04W	7	:	:	:	:	:	:	:	:	:	:	:	:	:	:
9504242	JOHNSON	S	SPOKANE RIVER	50N	04W	7	:	:	:	:	:	:	:	:	:	:	:	:	:	:
9507245	HEINZ	L	SPOKANE RIVER	50N	04W	7	:	:	:	:	:	:	:	:	:	:	:	:	:	:
9507441	WALKINSHAW	L	SPOKANE RIVER	50N	04W	7	:	:	:	:	:	:	:	:	:	:	:	:	:	:
9507448	MOIL	L	SPOKANE RIVER	50N	04W	7	:	:	:	:	:	:	:	:	:	:	:	:	:	:
9508375	KITSON	P	SPOKANE RIVER	50N	04W	7	:	:	:	:	:	:	:	:	:	:	:	:	:	:
9508633	MC CARTY	A	SPOKANE RIVER	50N	04W	7	:	:	:	:	:	:	:	:	:	:	:	:	:	:
9608575	ANDERSON	S	KELSO LAKE	54N	03W	21	:	:	:	:	:	:	:	:	:	:	:	:	:	:
9604037	DAVIS	L	GROUNDWATER	54N	03W	21	:	:	:	:	:	:	:	:	:	:	:	:	:	:
9607353	VICTORINO	L	UNNAMED STREAM	54N	03W	21	:	:	:	:	:	:	:	:	:	:	:	:	:	:
9608575	BURNHAM	A	ROUND LAKE	54N	03W	21	:	:	:	:	:	:	:	:	:	:	:	:	:	:
9608575	GRAF	S	SPRINGS	54N	03W	22	:	:	:	:	:	:	:	:	:	:	:	:	:	:
9604200	BURNHAM	A	ROUND LAKE	54N	03W	22	:	:	:	:	:	:	:	:	:	:	:	:	:	:
9608575																				
9608576	U.S. DEPT. OF AGRICULT A	A	GROUNDWATER	55N	03E	32	6	:	:	:	:	:	:	:	:	:	:	:	:	:
9608576	U.S. DEPT. OF AGRICULT A	A	GROUNDWATER	55N	03E	32	11	:	:	:	:	:	:	:	:	:	:	:	:	:
9608577	U.S. DEPT. OF AGRICULT A	A	GROUNDWATER	55N	03E	32	:	:	:	:	:	:	:	:	:	:	:	:	:	:
9608578	U.S. DEPT. OF AGRICULT A	A	GROUNDWATER	55N	03E	32	:	:	:	:	:	:	:	:	:	:	:	:	:	:
9608577	U.S. DEPT. OF AGRICULT A	A	GROUNDWATER	55N	03E	32	6	:	:	:	:	:	:	:	:	:	:	:	:	:
9608576	U.S. DEPT. OF AGRICULT A	A	GROUNDWATER	55N	03E	32	11	:	:	:	:	:	:	:	:	:	:	:	:	:
9608577	U.S. DEPT. OF AGRICULT A	A	GROUNDWATER	55N	03E	32	:	:	:	:	:	:	:	:	:	:	:	:	:	:
9608578	U.S. DEPT. OF AGRICULT A	A	GROUNDWATER	55N	03E	32	:	:	:	:	:	:	:	:	:	:	:	:	:	:
9608578	U.S. DEPT. OF AGRICULT A	A	GROUNDWATER	55N	03E	32	:	:	:	:	:	:	:	:	:	:	:	:	:	:
9608576	U.S. DEPT. OF AGRICULT A	A	GROUNDWATER	55N	03E	32	6	:	:	:	:	:	:	:	:	:	:	:	:	:
9608577	U.S. DEPT. OF AGRICULT A	A	GROUNDWATER	55N	03E	32	11	:	:	:	:	:	:	:	:	:	:	:	:	:
9608578	U.S. DEPT. OF AGRICULT A	A	GROUNDWATER	55N	03E	32	:	:	:	:	:	:	:	:	:	:	:	:	:	:
9608577	U.S. DEPT. OF AGRICULT A	A	GROUNDWATER	55N	03E	32	:	:	:	:	:	:	:	:	:	:	:	:	:	:
9608578	U.S. DEPT. OF AGRICULT A	A	GROUNDWATER	55N	03E	32	:	:	:	:	:	:	:	:	:	:	:	:	:	:
9608579																				

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MAR 28 1990

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES
Northern Region Office

1910 Northwest Blvd. * Suite 210 * Coeur d'Alene, Id. * 83814 * (208) 765-4639

Cecil D. Andrus
Governor

R. Keith Higginson
Director

November 3, 1989

U.S. Forest Service
1500 highway #2
Sandpoint Id. 83864

Re: Water Appropriation Application #96-08576, 96-08577, 96-08578

Dear Applicant:

This department acknowledges receipt of your Applications For Permit To Appropriate The Public Waters Of The State Of Idaho, they have been assigned the above referenced numbers, to assist us in providing you with prompt, accurate service, please refer to these numbers in all future correspondence.

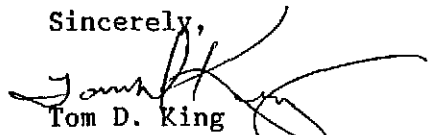
Your applications are currently being prepared for advertising in the county newspaper. This advertisement will be published for two consecutive weeks followed by a waiting period of ten days to allow for the submittal of protests.

If the any of the applications are protested during this waiting period, you will be sent a copy of the protest and instructions to aid you in resolving the protest without a hearing. However all protests must be resolved before approval of the applications can be made, so if the protestant does not voluntarily withdraw the protest, this department will conduct a conference and/or hearing on the matter.

If the applications are not protested they will be forwarded to Boise, where departmental staff will conduct a more in depth review of the application, to determine if there is a need for further information that will facilitate the Directors decision on the application. You will be notified by mail of this decision.

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

Sincerely,


Tom D. King
Sr. Water Resource Agent

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MAR 28 1990

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Northern Region Office

1910 Northwest Blvd. * Suite 210 * Coeur d'Alene, Id. * 83814 * (208) 765-4639

Cecil D. Andrus
Governor
September 27, 1989

R. Keith Higginson
Director

U.S. Forest Svc. Sandpoint R.D.
% Mr. Aram Eramian
1500 Highway #2
Sandpoint, Id. 83864

Re: Water Appropriation Application

Dear Applicant:

The Idaho Department of Water Resources has received your Applications For Permit To Appropriate The Public Waters Of The State Of Idaho, however I regret to inform you that the applications are not acceptable in their present form, so I am returning them to allow you to complete the following:

The maps seem to indicate that the irrigation for all of the applications is to be within the SW NE, E½ NW, and the NW SE Section 32. You must outline on each map, the lands which will be irrigated by the well in question.

Item #10: Describe any other water rights you possess, which will be used to irrigate the subject property, by number if possible.

The Application must be completed and returned to this office with any other information you deem appropriate within 30 days of the above date. Failure to communicate with this office within that time may result in the voiding of your application.

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

Sincerely,


Tom D. King
Sr. Water Resource Agent

Enc: App. (3)

MICROFILMED

MAR 28 1990

96-08577

U.S. DEPT. OF AGRICULTURE
FOREST SERVICE
FEDERAL BLDG.
P.O. BOX 7669
MISSOULA, MT 59807

Source: GROUNDWATER

Diversion Pt: NESWNE Sec 32 T 55N R 03E

Use: IRRIGATION (.200 CFS)

Date Filed: 9/26/1989

In: T55N R03E S32 SWNE

11.0 ACRES TOTAL

MicroFILMED

MAR 28 1990



United States
Department of
Agriculture

Forest
Service

Sandpoint Ranger District
1500 Highway No. 2
Sandpoint, ID 83864

Caring for the Land and Serving People

Reply to: 2540

Date: September 18, 1989

Tom D. King
State of Idaho Department of Water Resources
Northern Region Office
1910 Northwest Blvd.
Suite 210
Coeur d'Alene, Idaho 83814

Re: Water Appropriation Applications for Dry Creek

Dear Mr. King,

Enclosed are the new applications requesting water rights for the four wells at the Dry Creek Seed Orchard, completing a separate application form for each well as per your direction in the September 6, 1989 letter. The original application will be kept in the files at the Sandpoint District Office.

In reference to your phone conversation on September 11, 1989 with Aram Eramian, the total cost in filing fees will be \$120.00. As discussed, the original application fee that accompanied the original application will be credited toward these applications. The original account number was N 3295. Arrangements will be made to have the remaining \$75.00 of the application fees paid to your office.

If you have any questions or need additional information concerning the four wells at the site please contact Aram Eramian, Sandpoint District Office, 263-5111.

Sincerely,

CLAIRE LAVENDEL
District Ranger

Enclosure

AE:tv

MICROFILMED

MAR 28 1990

