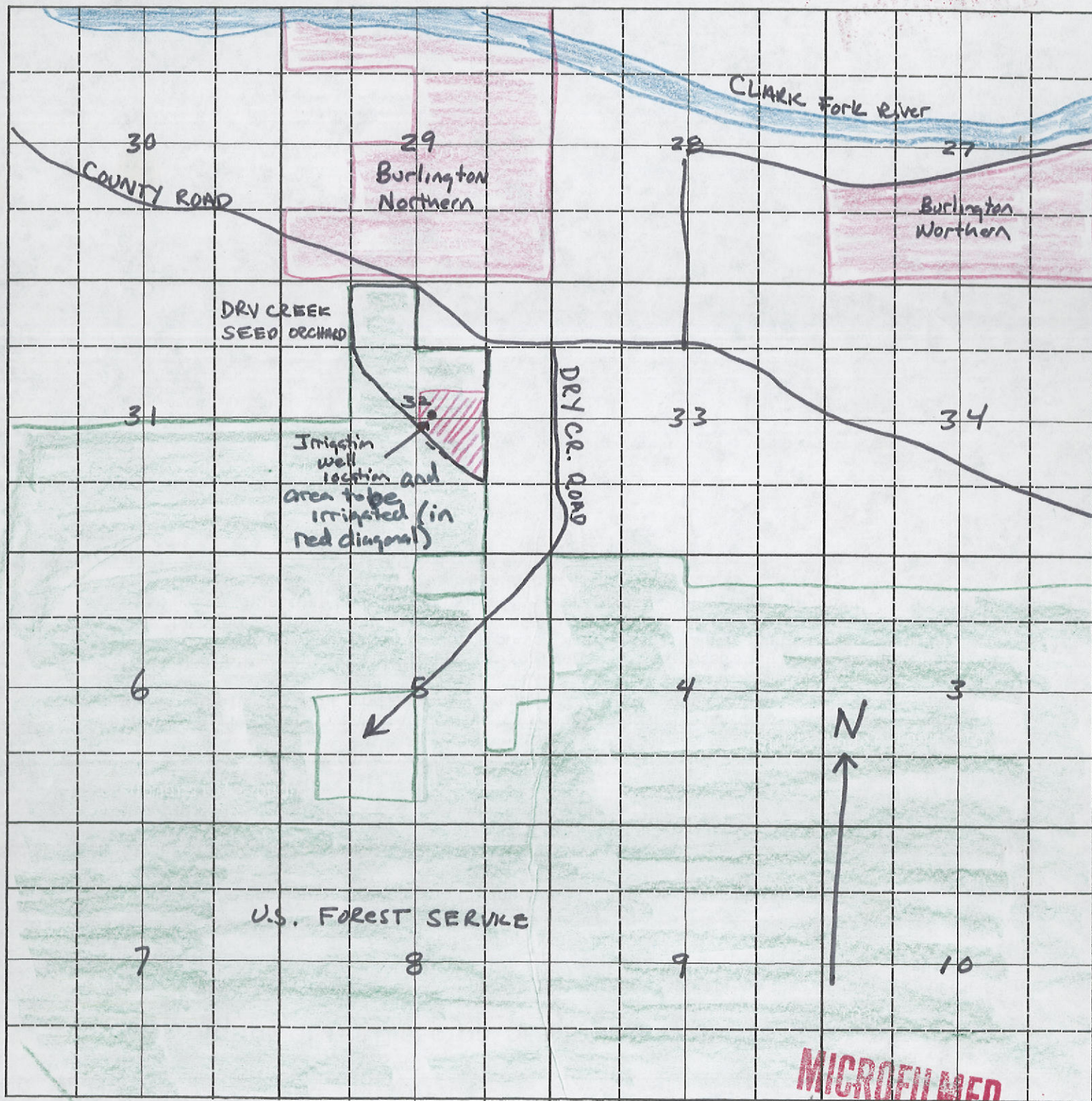


13. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



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.

Clair Loveland
(Applicant)
DIST. RANGER

MAR 28 1990

This is a topographic map of the Kaniksu National Forest area. The map features contour lines indicating elevation, with labels such as 2000, 2200, 2400, 2600, 2800, and 3000. Key geographical features include Kaniksu Lake, Schlicht Lake, and Delyle Ridge. Roads are shown with route numbers 18, 19, 20, 21, 28, 29, 30, and 33. A blue rectangle highlights a specific area near a well, with handwritten notes '38 well' and 'KPD Well'. A red stamp in the lower right corner reads 'RECEIVED DEC 16 1992'. The map also includes various spot elevations and benchmarks (BM 2158, BM 2091, BM 2135, BM 2184, BM 2185).

DEC 16 1992

N. 00° 41' 04" W. - 132°

96-08576

SW 1/4 NE 1/4
Sec. 32, T. 05N. R. 3E. B.M.

DF Hedge Orchard

Creek

Dry

MAIN
LINE

N. 86° 51' 04" W. - 134° 00'

Well # 96-08576

4" manline with 2" laterals (perforated)

22 Hunter heads P-Series shutoff head

56 Barboid LV204 Nozzle production

2.2-2.7 GPM @ 50 PSI

Nozzle size 5/64

Production rate of 1.25-1.50 GPM @ 50 PSI

Contour Interval 2 Feet

Scale in Feet



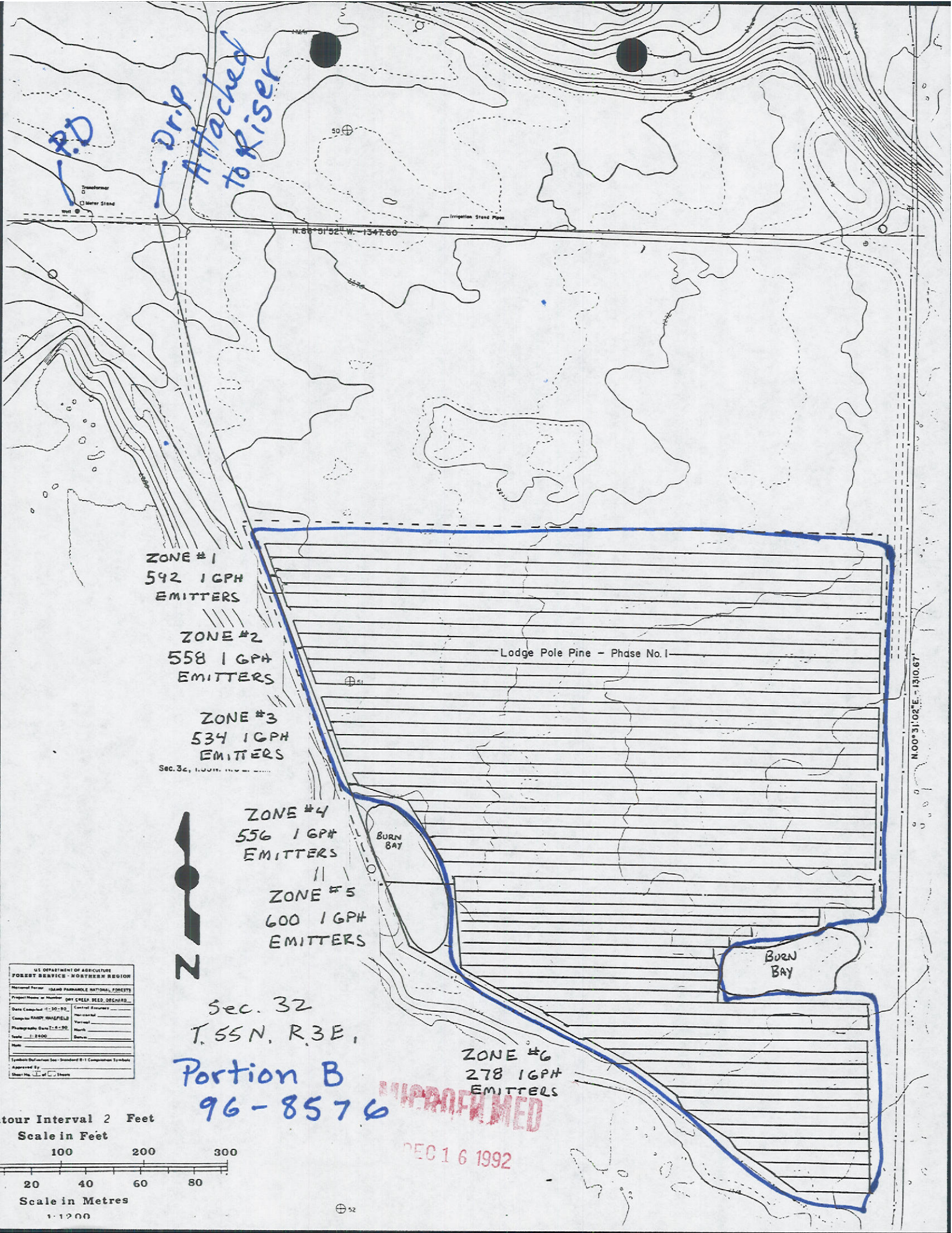
Scale in Metres

1:1200

Portion A
96-08576

UNRECORDED

DEC 16 1992



Drip
Attached to Riser

ZONE #1
592 1GPH
EMITTERS

ZONE #2
558 1GPH
EMITTERS

ZONE #3
534 1GPH
EMITTERS
Sec. 32, T.55N. R.3E.

ZONE #4
556 1GPH
EMITTERS

ZONE #5
600 1GPH
EMITTERS

Sec. 32
T.55N. R.3E.

Portion B
96-8576

ZONE #6
278 1GPH
EMITTERS

Lodge Pole Pine - Phase No. 1

BURN
BAY

BURN
BAY

N. 00° 31' 02" E - 1310.67'

U.S. DEPARTMENT OF AGRICULTURE FOREST SERVICE - NORTHERN REGION	
National Forest - GRAND PRAIRIE NATIONAL FOREST	
Project Name or Number - GAY CREEK REID, 080808	
Date Compiled - 11-30-90	Control Station
Compiled By - R. H. WILSON	Vertical
Photograph Date - 11-30-90	Mark
Scale - 1:5000	Notes
Name	
Symbol Definition See Standard 8-11 Comparison Symbols	
Approved By	
Sheet No. 1 of 1 Sheets	

Contour Interval 2 Feet

Scale in Feet

100 200 300

Scale in Metres

1:1200

DEC 16 1992

MICROFILMED

SW NE
~~SW NE~~ sec 32 T.55 N. R. 3E.

Part of
Portion "A"

Location of all 5 wells @ Dry Creek.

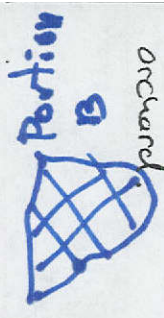


RECORDED

DEC 16 1992

7 acres

NWSE



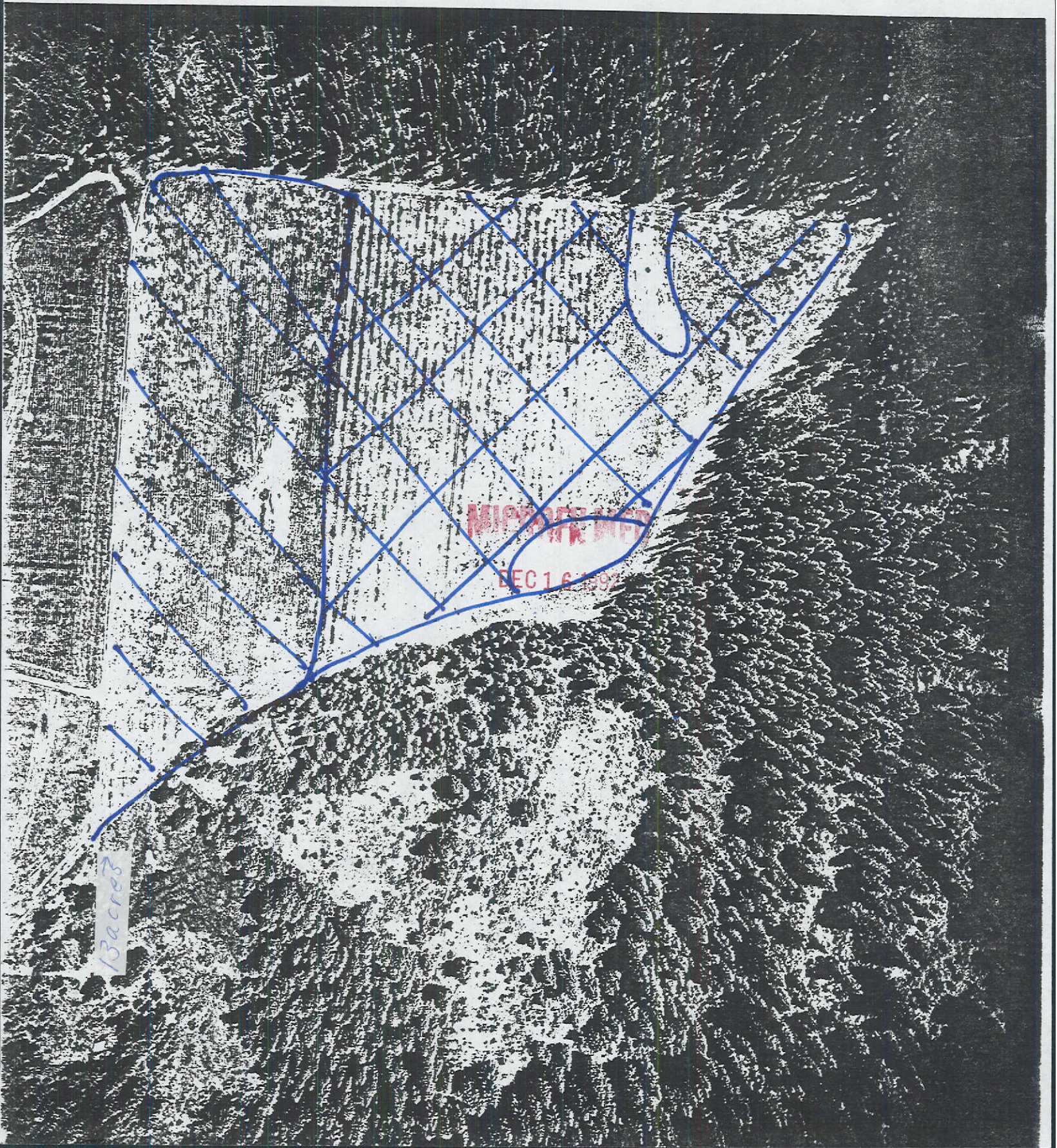
is the water source for this orchard

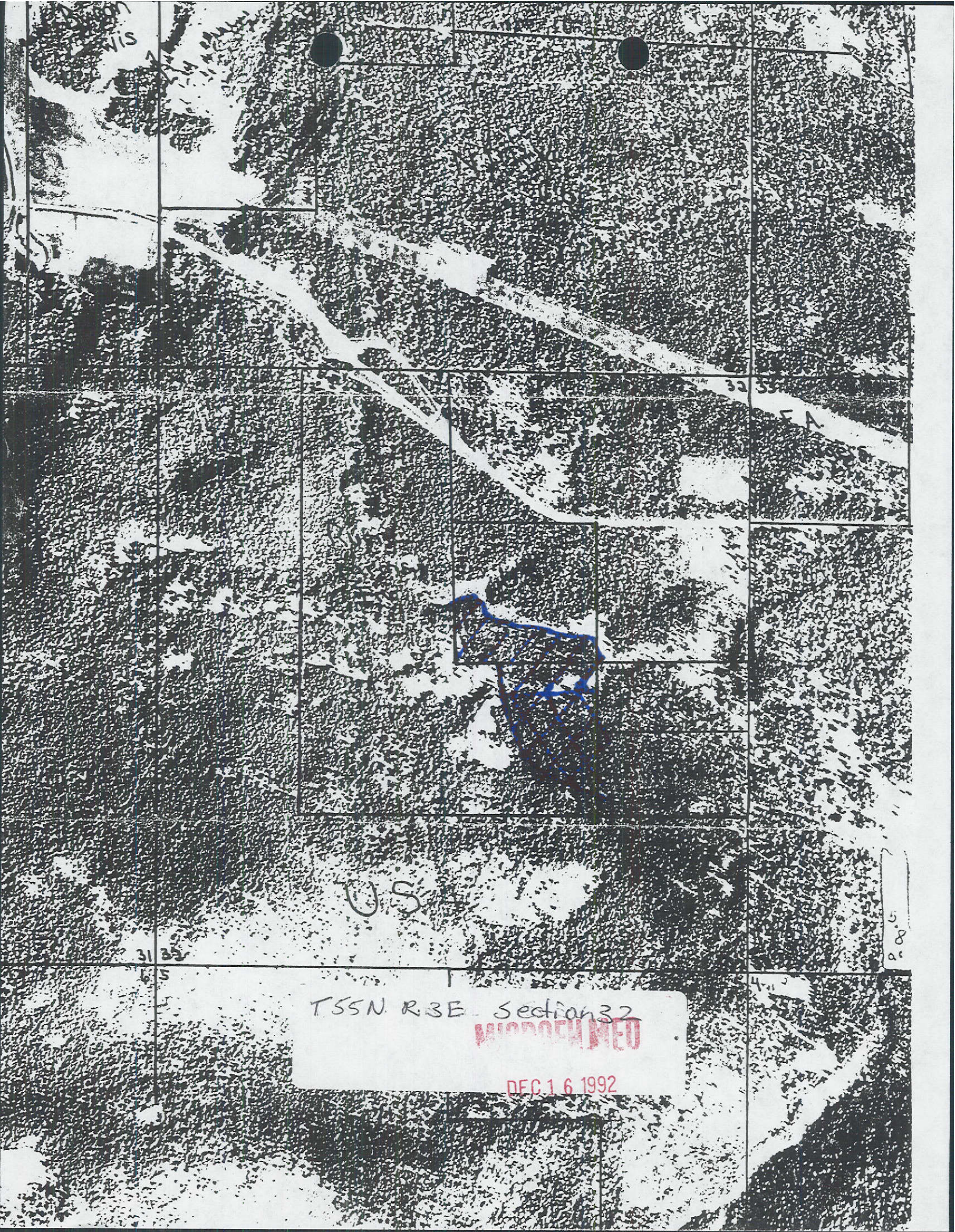
4-68576

Well



seed orchard





WIS

U.S.

TSSN R3E Section 32

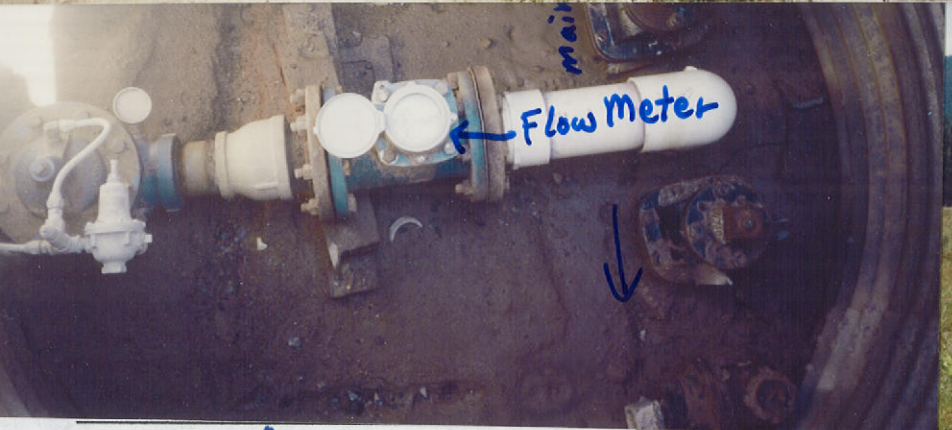
MICROFILMED

DEC 16 1992

PERMIT # 96-8576

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
FIELD REPORT SUPPLEMENT

PHOTOGRAPHS



↑
for this
Picture:
← well
head
↑ main

Microfilm

DEC 16 1992

shut off for drip zone
(one of 6)

Drip irrigation P.U. ↓



PERMIT # 96-8576

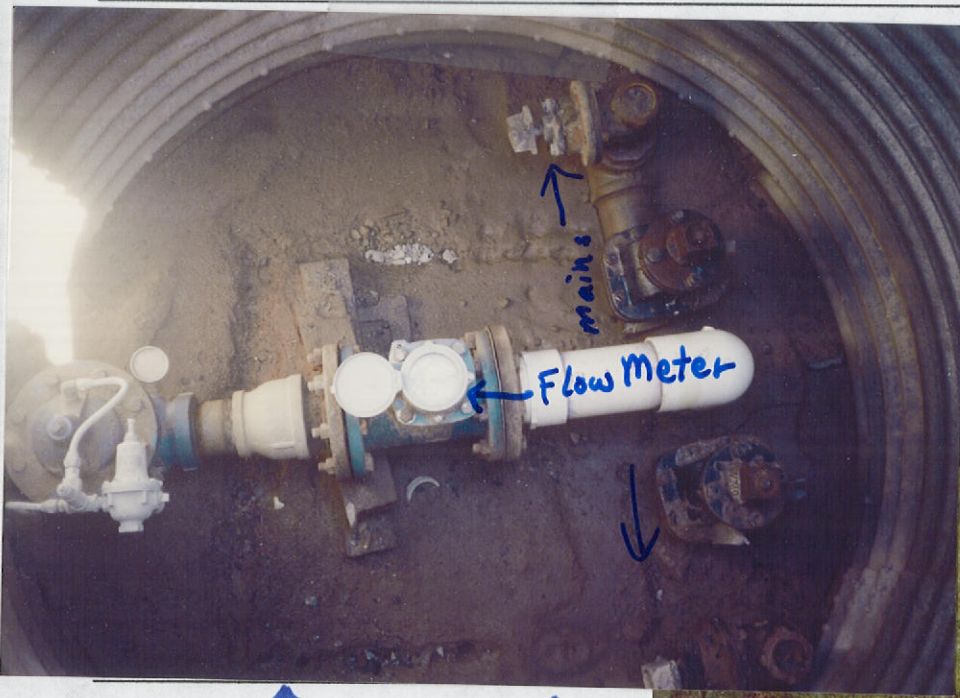
SOURCES
ENT
S

MICROFILM

DEC 16 1992

shut off for drip zone
(one of 6)

Drip irrigation P.U. ↓



← well head
↑ for this picture:
↑ main ↓



State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 96-08576

Priority: September 1, 1989

Maximum Diversion Rate:

0.20 CFS

Maximum Diversion Volume:

60.0 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 1, 1989; and has submitted Proof of Beneficial Use on April 18, 1990. An examination indicates that the works have a diversion capacity of .380 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	04/01 to 09/30	0.20 CFS	60.0 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 7	NWSE 13		20

Total number of acres irrigated: 20

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.

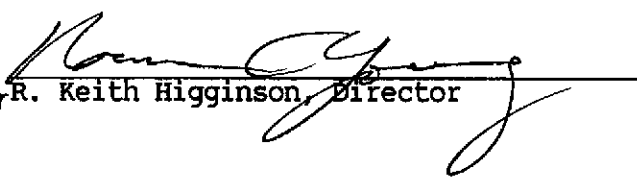
DEC 16 1992

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 96-08576

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

DEC 16 1992

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 96-08576

Proposed Priority: September 1, 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	04/01 to 09/30	0.20 CFS
<u>LOCATION OF POINT(S) OF DIVERSION:</u> SWSWNE Sec. 32, Township 55N, Range 03E BONNER County		

PLACE OF USE: IRRIGATION

<u>TWN RGE SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
55N 03E 32	SWNE 6	NWSE 19		25
Total number of acres irrigated:				25

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
for R. Keith Higginson, Director

MICROFILMED

MAR 28 1990

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

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 SW $\frac{1}{4}$ 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 4/1 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 cubic feet per second and/or (b) _____ acre feet per annum
6. Proposed diverting works:
a. Description of ditches, flumes, pumps, headgates, etc. Well has a Goulds Model 100H 10 hp
submersible pump installed.

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 103 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:
1 years (minimum 1 year).

RECORDED

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.

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			6								19			19			25

Total number of acres to be irrigated 25

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

11. a. Who owns the property at the point of diversion? U.S. Forest Service

b. Who owns the land to be irrigated or place of use? U.S. Forest Service

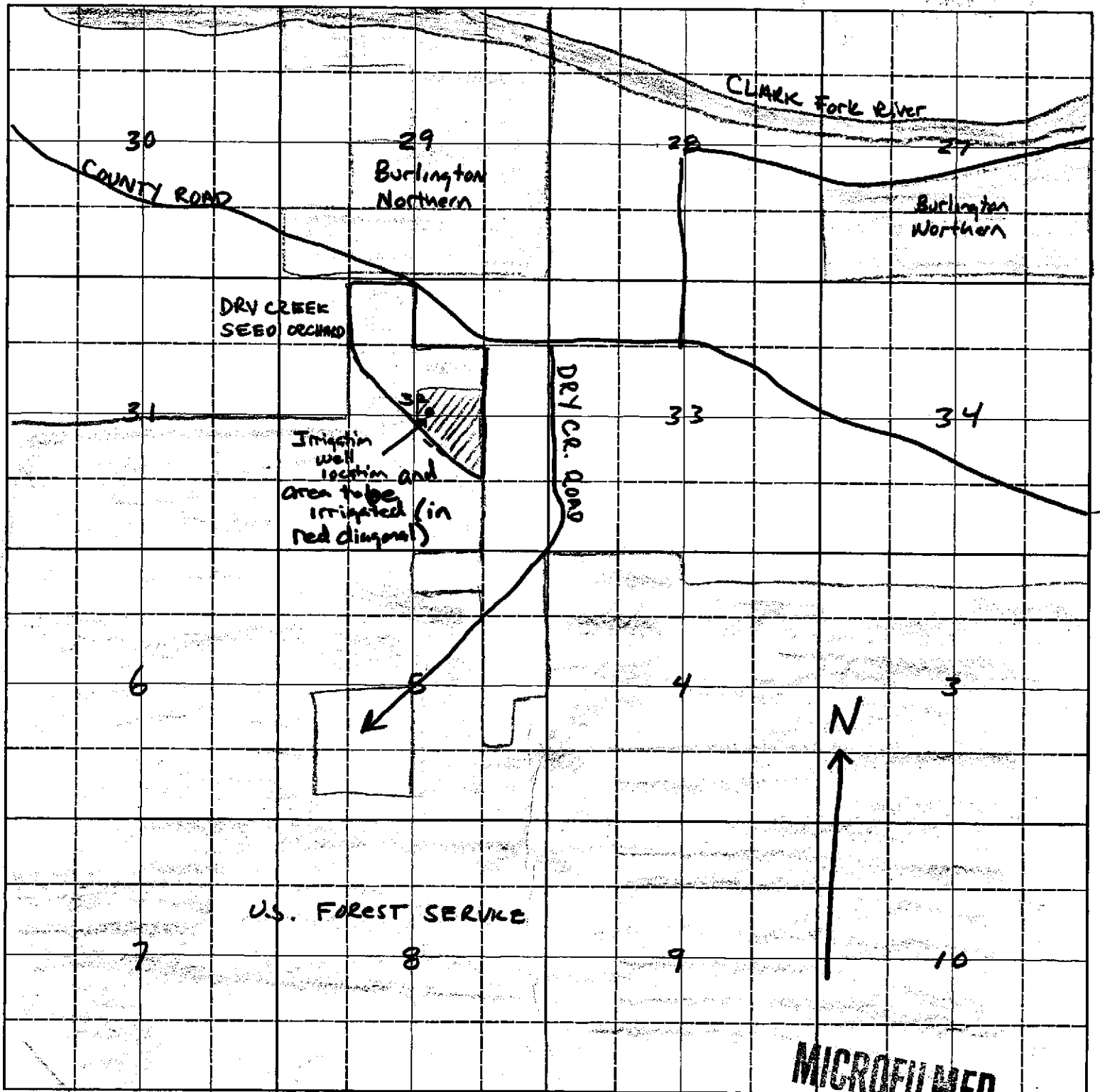
c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing. _____

12. Remarks: _____

INDEXED

MAR 28 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.

MAR 28 1990

Clair R. Reynolds
(Applicant)
DIST. RANGER

Received by [Signature] Date 9/11/89 Time 11:30 AM Preliminary check by [Signature]
Fee \$ 30.00 Receipted by [Signature] # N3295 Date 9/1/89
Publication prepared by [Signature] Date 10/25/89 Published in Banner County Bee
Publication approved [Signature] 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 first
duly sworn, declared that the statements therein are true
and acknowledged to me that he executed the same.

Jim 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

43192 November 2, 9, 1989

RECEIVED
NOV 14 1989

NORTHERN REGION
IDWR

MICROFILM

MAR 28 1990

3176



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. 96-08576

Dear Water Right Holder(s):

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

Sincerely,

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

PAMELA SKAGGS
Water Resource Agent

PS:cz

Enclosure

FILED

DEC 16 1992

LICENSE REVIEW CHECKLIST

Permit # 96-08576

Date 10-6-92
CB

	Yes	No	
NAME	☐	☒	Address Change?
PRIORITY DATE	☐	☒	Advance? _____
	☐	☒	Memo to Advance
	☐	☒	Order to Reinstate Needed?
TOTAL CFS	☐	☒	Incorrect Fee for rate recommended?
	☐	☒	Disagree with Actual Measurement?
	☒	☐	Disagree with Theoretical? <u>20x.02=.40/.20cfs (IRR) Per Permit</u>
	☐	☒	Limited by Capacity? <u>10x8.8x.7=.376</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>4-1 to 9-30</u> Per Permit Season Recommended
	☐	☒	Disagree with Examiner's Calculations?
	☐	☒	Limited by Flow? <u>20x3.0=60afa (IRR)</u>
SOURCE	☐	☒	Changes? Clarification of <u>Originally</u>
	☐	☒	<u>Intended</u> source
	☐	☒	Notice of Intent to Void.
P/D			Verify with Map
	☐	☒	Amendment Needed?
	☐	☒	Is Overlap Analysis a Consideration?
P/U			Verify with Map
	☐	☒	Amendment Needed?
	☐	☒	Is Overlap Analysis a Consideration?
USES	☐	☒	Change(s) in Nature of Use? _____
	☐	☒	Amendment Needed? _____
REMARKS	☐	☒	Multiple P/Ds in 1/4 1/4? _____
	☐	☒	Non-Irr. Uses _____
	☐	☒	Special Overlap Condition _____
	☐	☒	Other _____
CONDITIONS	☐	☒	Measuring Device
	☐	☒	W/Master Control
	<u>R29</u>	☐	Overlap
	☐	☒	Water Quality
			DATES/MISC
		☒	Water Dist.
		☒	App Rec'd
		☒	Exam Made

COMMENTS/MEMOS NEEDED:

38' static level/Used 48' as minimum dynamic

License ☒ 10-Day ☐ 15-Day ☐ Special Correspondence _____

WR0749NP
No. L96-08576

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	09/01/1989	IRRIGATION	04-01 09-30	0.20 CFS	60.0 AFA
TOTAL DIVERSION:					0.20 CFS	60.0 AFA

Water Source: GROUNDWATER

Tributary to:

Stage: LICENSE

Point(s) of Diversion Capacity: 0.38 CFS

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

Place of use Legal Description for: IRRIGATION

NE				NW				SW				SE												
T	R	S	:	NENE	NWNE	SWNE	SENE	:	NENW	NWNW	SWNW	SENW	:	NESW	NWSW	SWSW	SESW	:	NESE	NWSE	SWSE	SESE	:	SUM
			:	Lt	Ac	Lt	Ac	:	Lt	Ac	Lt	Ac	:	Lt	Ac	Lt	Ac	:	Lt	Ac	Lt	Ac	:	
55N	03E	32	:				07	:					:					:					:	20.0
TOTAL ACRES																							20.0	

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:	09/01/1989	Priority Date:	09/01/1989
	Proof Due Date:	02/01/1991	Proof Made Date:	04/18/1990
	Exam Made Date:	07/31/1991	Exam Sent to S.O.:	08/03/1992
	Licensed Date:			

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

Audit: 10/06/92 SKAGGS

SENIOR AGENT REVIEW

RECEIVED

AUG 10 1992

Department of Water Resources

Check List

for

Beneficial Use Field Report

Permit 96-8576

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 Sr.
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. 96-8576
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. SAME
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 (Not exact same acreage)

☐ Copies Attached
2. Other water rights with same point of diversion: None

☐ Copies Attached ☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

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

Scale: 1" = _____

2. ☒ Copy of U.S.G.S. Quadrangle Attached ☒ Aerial Photo Attached
Showing location(s) of point(s) of diversion and (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 16 1992

System Description (continued)

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

Portion A: Well 8" x 103' deep with buried mainline 4 inches in diameter with 33 risers. Risers can pivot and can be attached to 2" surface laterals perpendicular to the main line in either a Northerly or southerly direction. There are 22 Hunter "P" series sprinklers at 50psi (2.2-2.7 gpm), and 56 Rainbird impact sprinklers (LV20H) with 5/64" Nozzles at 50psi, which irrigate 11.8 acres. Portion B is attached to the buried main line below one riser. This drip system explanation is attached.

☐ 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
	Franklin	10 hp			

*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
		SW	SW	NE	32	55N	3E	Bonner	Map

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

Indicate Method of Determination Map (attached)

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			6.9											13.4			20.3
					7											13			20 TPK

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:

Pitot Gage @ 50 psi

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached (for drip)

0.20 cfs as per Permit

1. Measured Method: $\frac{(10)(8.8)(70\%)}{(2.3)(50 + 38)} = \frac{61.6}{153.5} = 0.40 \text{ cfs capacity}$

2. Alternate Method for Checking Purposes:

Hunter Impact $22 (2.45 \text{ gpm}) = 53.9 \text{ gpm}$
 $56 (1.25 \text{ gpm}) = 70.0 \text{ gpm}$
 $= 123.9 \text{ gpm} = 0.28 \text{ cfs}$

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:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 20.3 \times 3.0 = 60.9 \text{ TDK}$

$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 0.20 \times 183 \times 1.9835 = 72.5$

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 60.9 \text{ TDK}$

2. Volume Calculations for Other Uses:

IMPROVED

DEC 16 1992

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) ^{TDK}
	From	To		
Irrigation	4-1	9-30	0.20 cfs	60.9 afa
Totals:			0.20 cfs	60.9 afa ^{TDK}

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

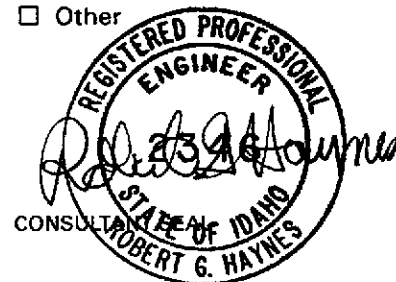
Theresa J. Bright

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

16 1992

DRY CREEK DRIP IRRIGATION SYSTEM

General Overview

The drip irrigation system is installed on a 9 acre Lodgepole pine seed orchard that has been planted on a 15' x 15' spacing. The system has 6 irrigation zones controlled by an irrigation controller at the well panel control location. The size of each zone was determined by the maximum volume of water (in gallons per hour GPH) carried by the irrigation supply lines. The system mainline is 2" PVC class 200 pipe capable of producing 2700 GPH. The pipe in each irrigation zone is 3/4" poly tubing capable of producing 8 - 10 gpm or 480 - 600 GPH. Each zone has between 278-600 1 GPH emitters that supply irrigation water to planted root stock.

Mainline Discussion

The system mainline is buried 2 feet below the soil surface to prevent cold damage and damage from orchard equipment. The mainline is connected to a 2" discharge riser that supplies water to a field valve on the existing irrigation system in the Southern end of the Tree Improvement site. From the discharge riser a 3 foot section of 2" PVC pipe is connected and extended into a 36" diameter x 4 foot section of metal culvert. Inside the culvert a 2" electric valve and a Rusco Filter have been installed. This serves as the primary filtering system and the main valve controlling the "on/off" of the system. The mainline filter will be flushed periodically to prevent debris from entering the lateral lines and plugging the emitters. The irrigation mainline is buried along the Southwest side of the LPP seed orchard and terminates at the last zone (zone #6).

Lateral Lines

Lateral lines for each zone are laid on the surface of the soil along the North side of the planted trees. Two emitters are placed in the lateral line directly across from the planted trees. A 12" x 1/4" piece of distribution tubing is attached to the emitters. A flushing cap is installed on the SE corner of each zone to drain and flush the system.

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DEC 16 1992

System Design Specifications

2" PVC pipe produces 45gpm or 2700gph

3/4" tubing delivers 8-10 gpm or 480 - 600 gph

Emitters deliver 1 gph

Well production is approximately 75 gpm or 4500 gph

Each zone was designed to maximize the amount of water delivered in the drip tubing. All zones at or below the 600 gph max. production.

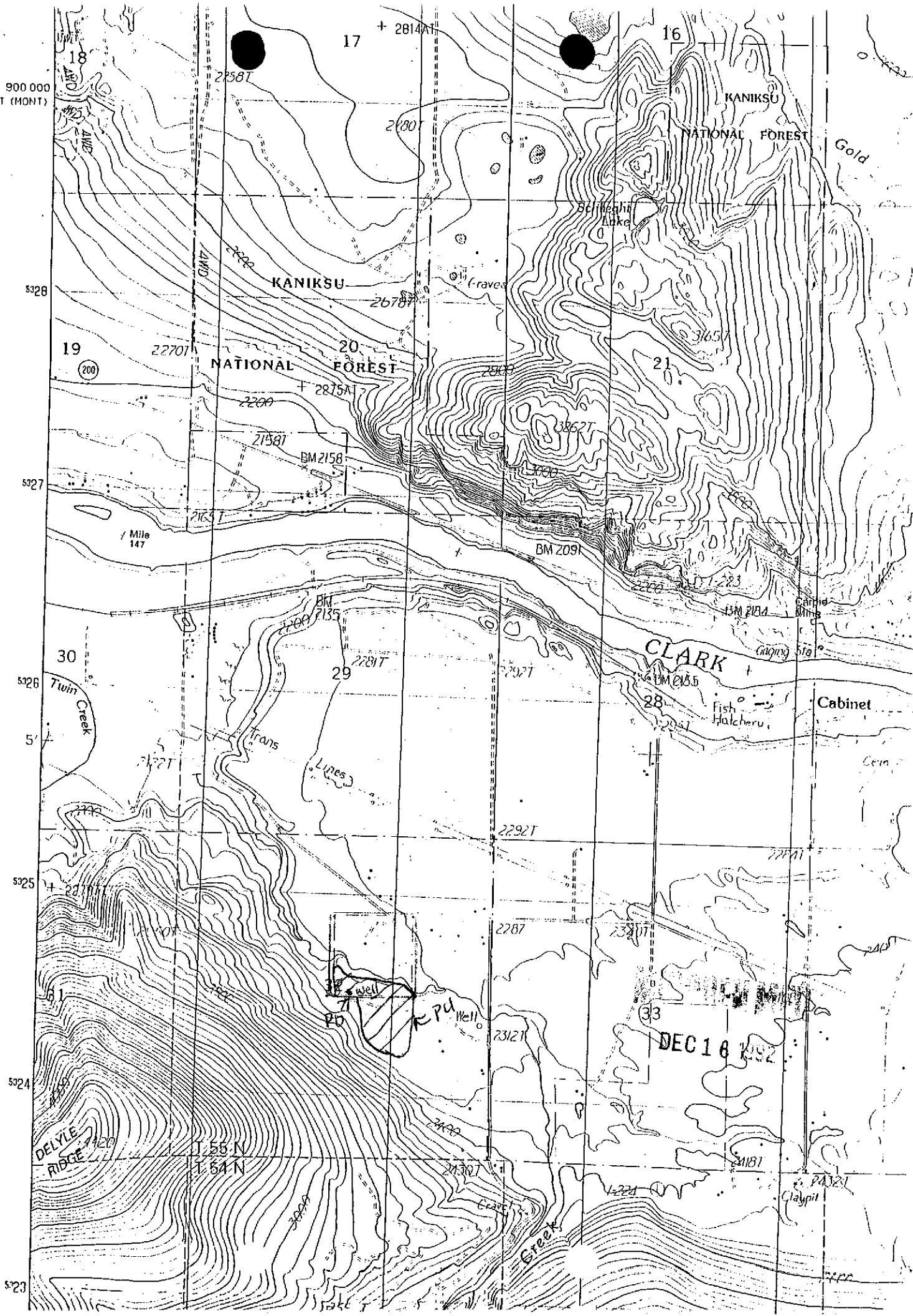
Zone	# Emitters	+/- GPH compared to Max. GPH
1	592	8 GPH surplus 9.87 gpm
2	558	42 GPH surplus 9.3
3	534	66 GPH surplus 8.9
4	556	44 GPH surplus 9.27
5	600	10 -
6	278	322 GPH surplus 4.63

$$\frac{51.97}{448.8} = 0.12 \text{ cfs}$$

RECEIVED

DEC 16 1992

900 000
FEET (MONT)



NOG-4104 W-1926

SW 1/4 NE 1/4
Sec. 32, T56N, R35E, BM

DF Hedge Orchard

Creek

Dry

MAIN
LINE

NOG-5102 W-1947-80

Well # 96-08576

4" manila with 2" lateral (movable)

22 Water heads P-Series shroud head

56 Barbic LV204

Nozzle size 5/64

Production rate of

1.25-1.75 gpm

@ 70 PSI

@ 50 PSI

Contour Interval 2 Feet

Scale in Feet

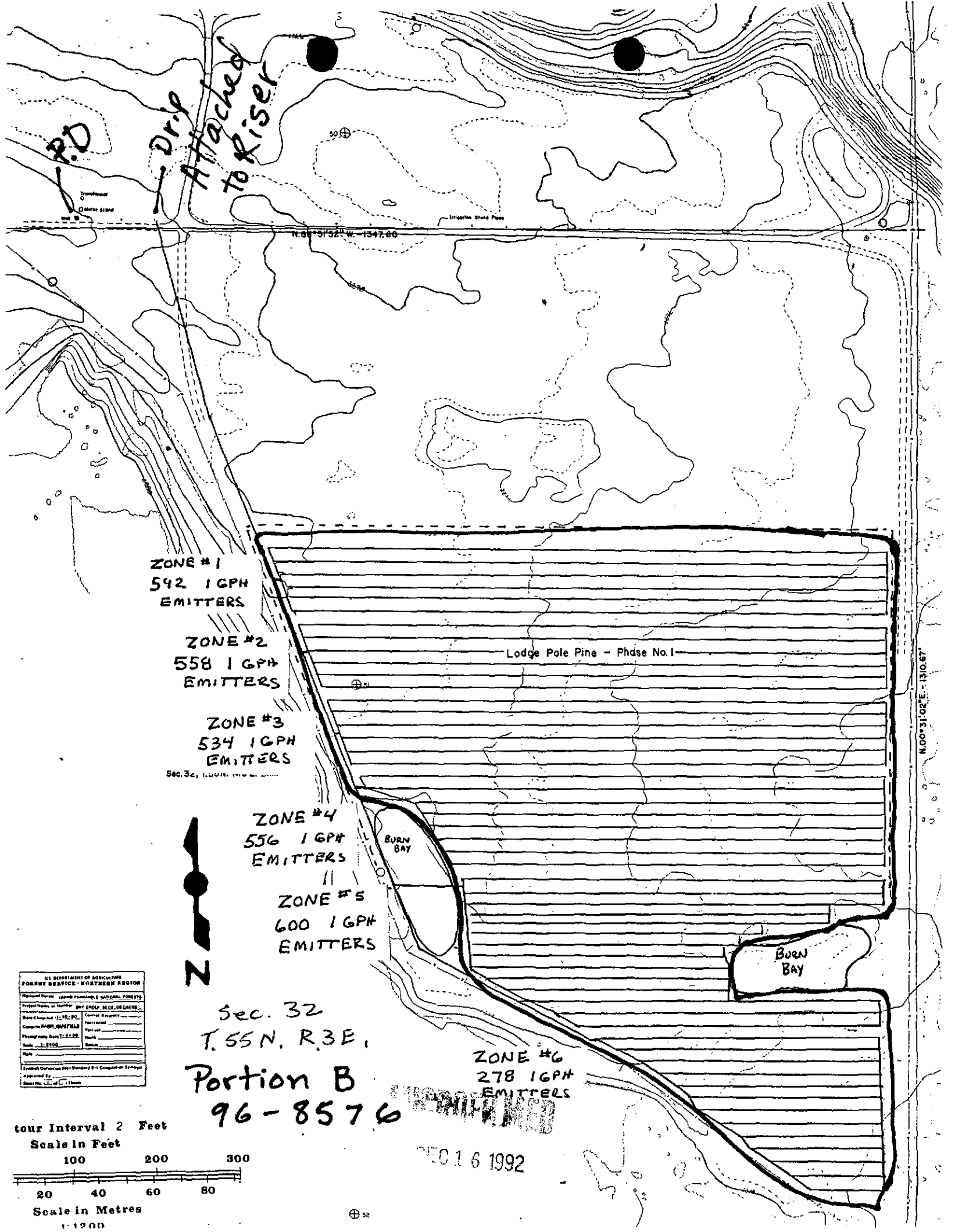
Scale in Metres

1:1200

Portion A

96-08576

DEC 16 1992



Drip
Attached
to Riser

ZONE #1
542 1GPH
EMITTERS

ZONE #2
558 1GPH
EMITTERS

ZONE #3
534 1GPH
EMITTERS

ZONE #4
556 1GPH
EMITTERS

ZONE #5
600 1GPH
EMITTERS

ZONE #6
278 1GPH
EMITTERS

Lodge Pole Pine - Phase No. 1

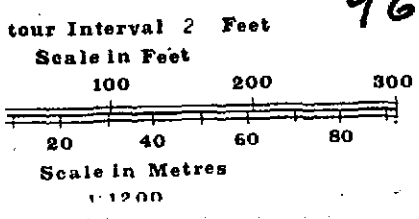
BURN
BAY

BURN
BAY

Sec. 32
T.55N., R.3E.,
Portion B
96-8576

DEC 16 1992

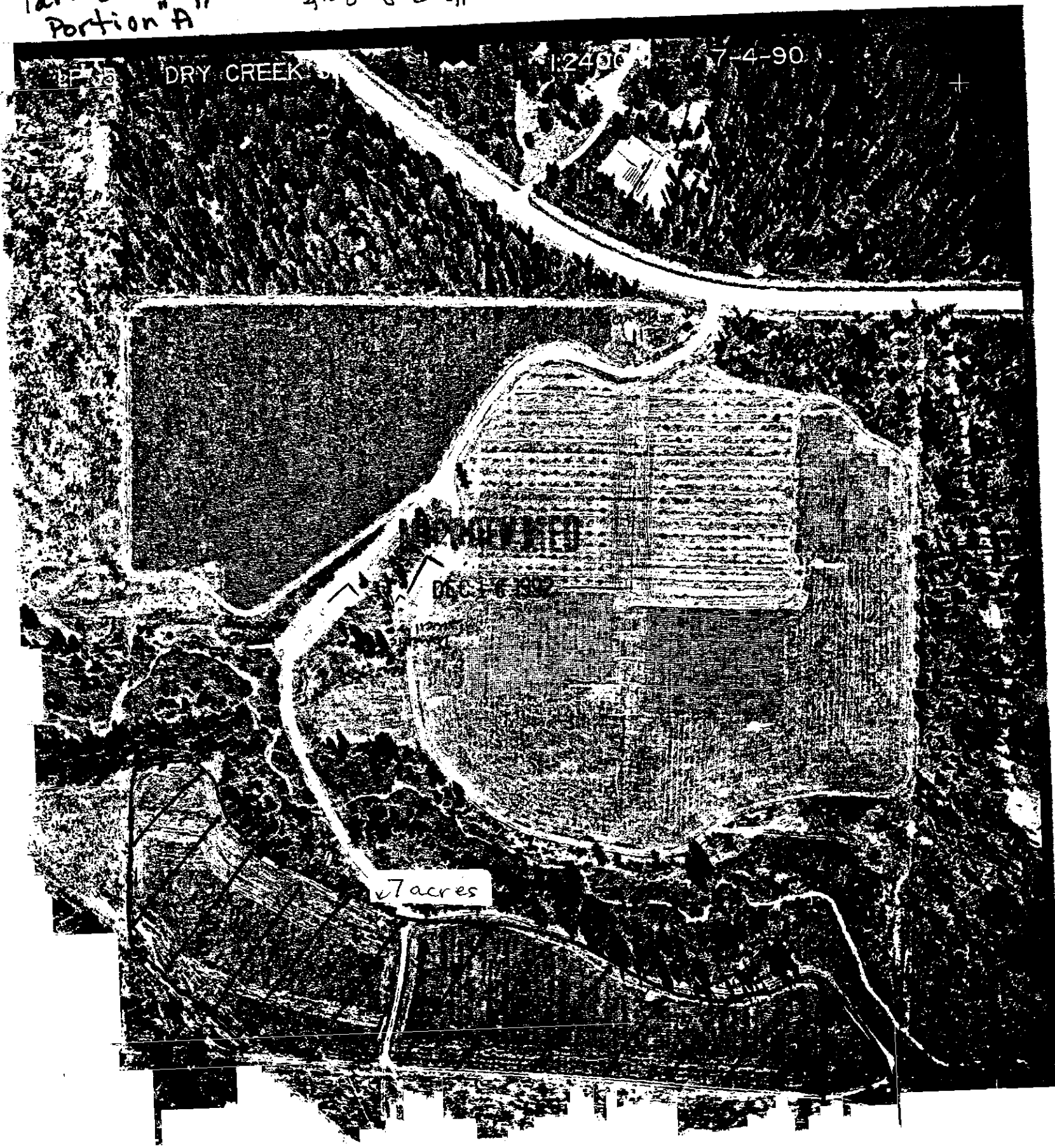
U.S. DEPARTMENT OF AGRICULTURE FOREST SERVICE - NORTHWEST REGION	
Project Name	Grand Staircase-Escalante National Monument
Project Number	96-8576
Project Location	Utah
Project Manager	John R. Smith
Project Engineer	John R. Smith
Project Designer	John R. Smith
Project Checker	John R. Smith
Project Approver	John R. Smith
Project Date	12/16/92
Project Status	Final
Project Notes	



SW NE
~~Sec 32~~ sec 32 T.55N. R.3E.

Part of
Portion "A"

Location of all 5 walls of Dry Creek



NWSE

Portion A

Portion B

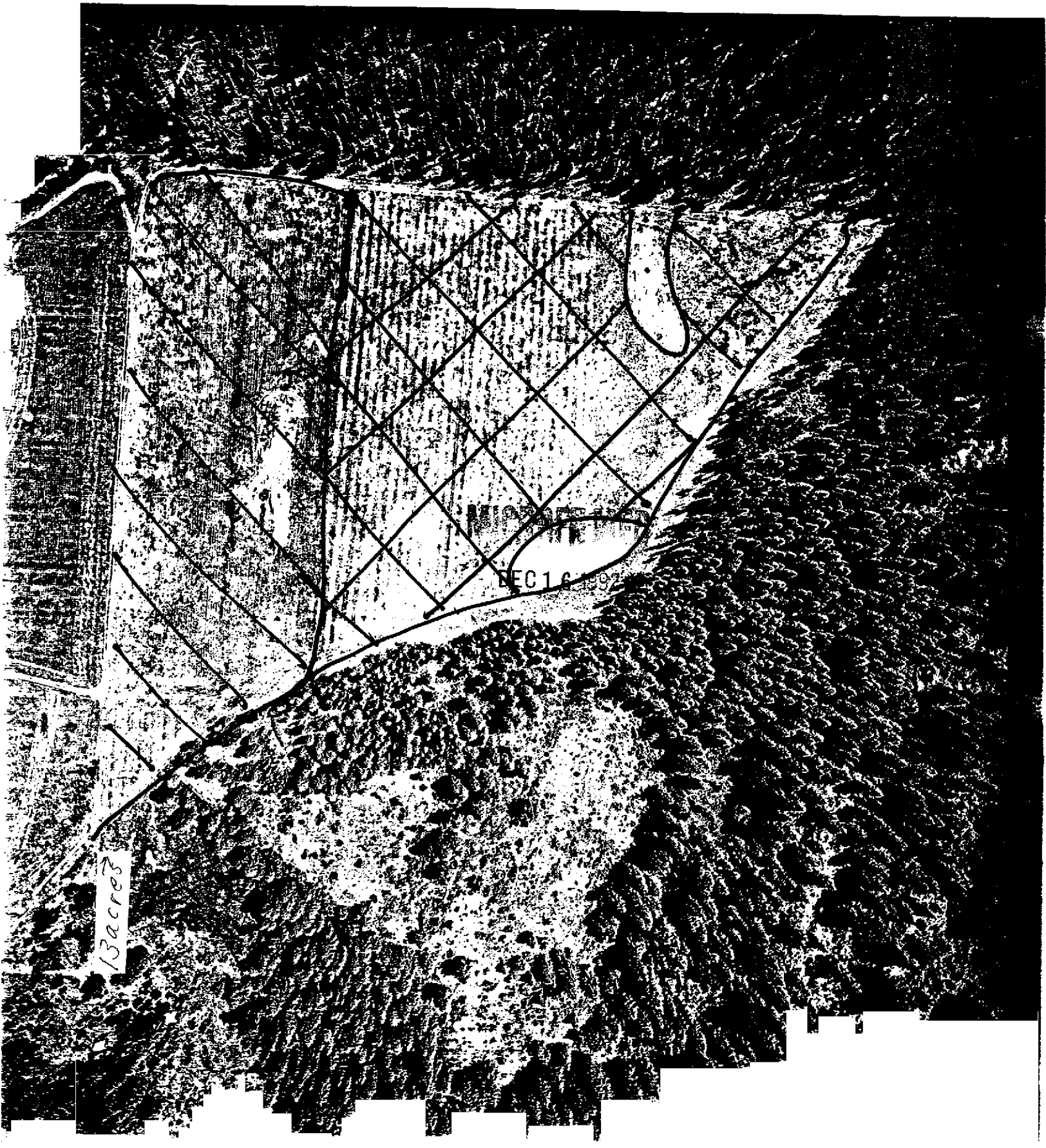
is the water source for this orchard

Well - 68576

Well

N

seed orchard



WIS

32 55

FA

U.S.

31 85

80

TSSN R3E Section 32

UNRECORDED

DEC 16 1992

State of Idaho
Department Of Water Resources
WELL INSPECTION FORM

If well is associated with water right, provide WR Permit No. 96-08576

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: P.O. 1500 Highway #2 Sandpoint ID

City Sandpoint, State ID 83864

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

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

Static Water Level: 38'
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 X

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

Remarks: Well log attached

RECORDED

DEC 16 1992

WELL DRILLER'S REPORT

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

[illegible]

PERMIT # 96-8576

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
FIELD REPORT SUPPLEMENT

PHOTOGRAPHS



DEC 16 1992

Shot off for drip zone
(one of 6)

Drip irrigation P.U. ↓



← well head
↑ for this picture:
↑ MAIN



PERMIT # 96-8576

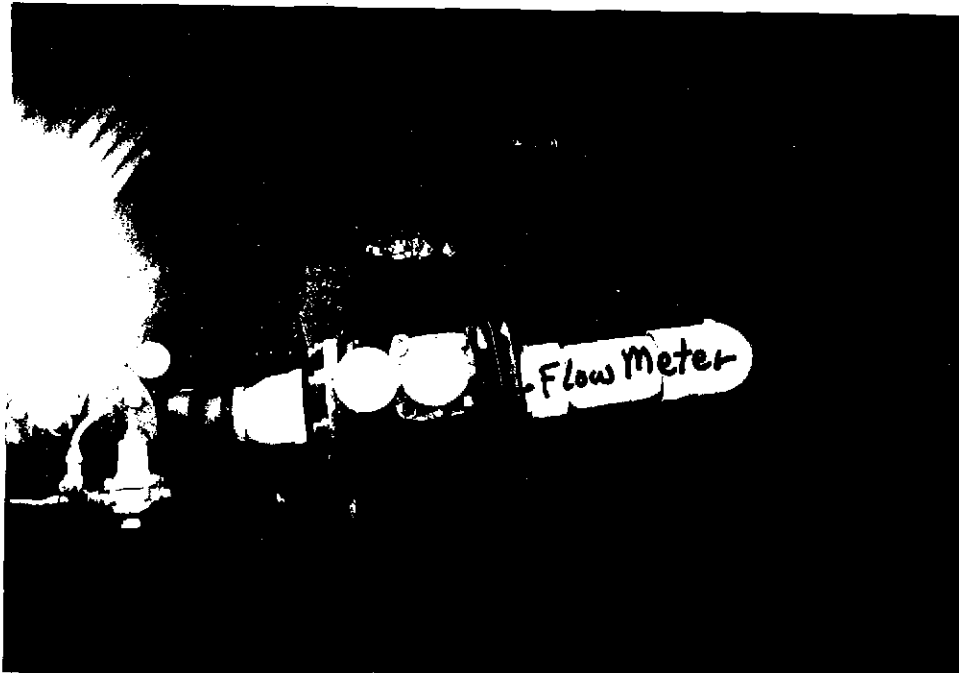
SOURCES
NT

S

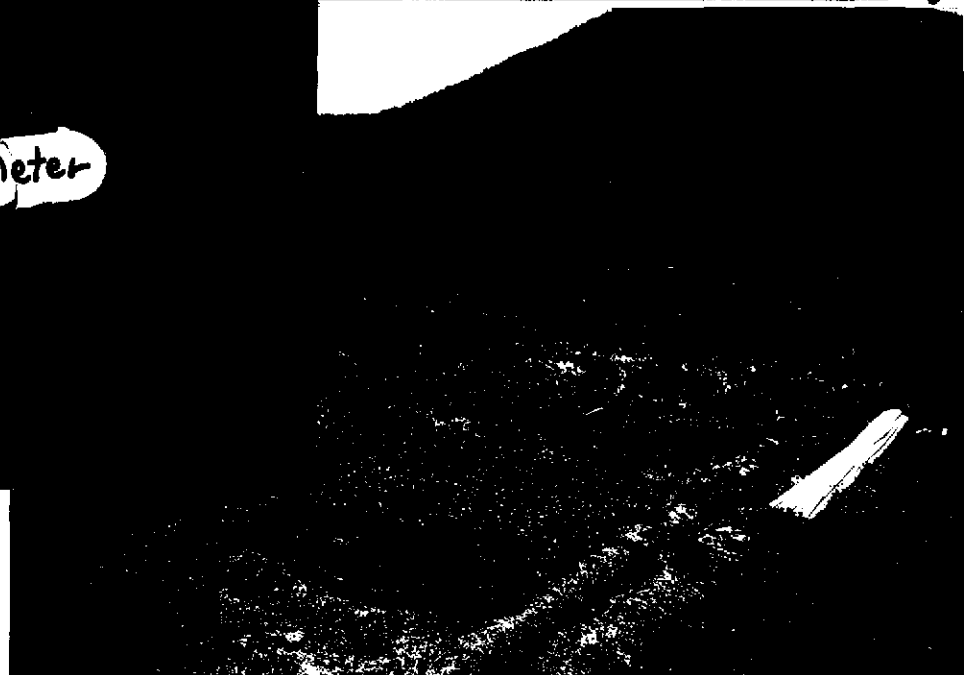
DEC 16 1992

shot off for drip zone
(one of 6)

Drip irrigation P.U. ↓



← well head
↑ for this picture:
↑ MAIN ↓



July 17, 1990

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

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 96-08576

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

MICROFILMED
JUL 30 1990

1/88

PROOF OF BENEFICIAL USE

ANALYSIS SHEET

Permit No. 96-8576

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
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:

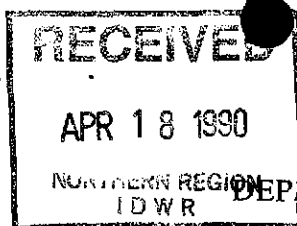
Proof acceptable

Priority Calculation:

Date proof received	NA	
Date proof due		-
No. of days late		=
Priority date		+
NEW PRIORITY DATE		=

SEND FILES TO DATA ENTRY AND THEN TO MICROFILM

Address Change NO

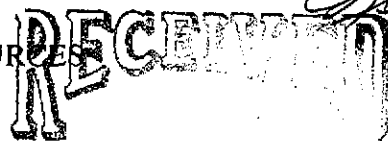


STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

PROOF OF BENEFICIAL USE

For Office Use Only
Amt. of Fee \$ 50.00
Date 7/18/90
Receipt No. N3671
Received by JS-7-17-90



APR 23 1990

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. 96-08576 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: 6/17/85 to 6/20/85

Extent of Use:
Domestic _____ (No. of households) Irrigation 25 (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: August 1986

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

Measuring device: Required? Yes ☒ No Installed? ☒ 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, Idaho 83864
Address

MICROFILMED

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.

JUL 30 1990

4/11/90
Date

Shirley Brady for Claire Lavender District Ranger
Signature (and title if on behalf of a company or organization)

**Rt. 2, Box 163F
1205 Dover Hwy.
Sandpoint, Idaho 83864
Phone: 208-263-8185**

Customer Phone No.:

Well Test Summary:

Sandpoint Pump & Power, Inc.

Rt. 2, Box 163F
1205 Dover Hwy.
Sandpoint, Idaho 83864
Phone: 208-263-8185

WELL TEST FORM

Customer Bronson Water Well

Address: P.O. Box 1

Spirit Lake, Id.

Job Location Dry Creek Well #2

Customer Phone No. 263- 6521 437-4132

Well Data

Well Depth: 105'

Test Pump Used: 150 H /10 HP

Static Level: 38'

Pump Setting: 105'

GPM Driller Tested: 60+

Date of Test: 6/21/85

Legal Description of Property: _____

TIME	FLOW RATE	PRESSURE	WATER QUALITY	STATIC LEVEL
10:30	30 GPM	open	Cloudy-Some sand	38'
10:45	30	"	Cloudy-some sand	38'
11:00	33	"	Clear -some sand	38'6"
11:30	33	"	Clear-no sand	38'6"
11:45	40	"	Clear-no sand	39'
12:00	45	"	Same	39'
12:15	45	"	"	39'
12:30	60	"	"	40'
1:00	80	"	"	40'3"
1:30	95	"	"	41'3"
2:00	100	"	"	41'5"
2:30	100	"	"	41'5"
3:00	105	"	"	41'6"
3:30	105	"	"	41'6"
4:00	105	"	"	41'6"
4:30	110	"	"	41'7"
5:00	110	"	"	41'8"
5:30	110	"	"	41'8"
6:00	110	"	"	41'8"

MICROFILMED

JUL 30 1990

RECEIVED

JUN 1 1990

Well Test Summary: _____

Department of Water Resources

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. P96-08576

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

RECEIVED

MAR 28 1990

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPROPRIATION APPLICATION ANALYSIS SHEET

INITIAL REVIEW BY: TDK DATE: 9/26/89 APPLICATION: 96-08576

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 # DECOI 1883
☒ Other _____

Department of Water Resources

Item	Date Requested
9, 10, 13	

REMARKS

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.

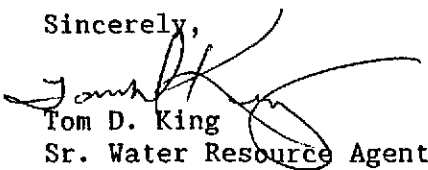
Your applications are currently being prepared for advertising in the county newspaper. This advertisement will be published for two consecutive weeks followed by a waiting period of ten days to allow for the submittal of protests.

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

RECEIVED

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:

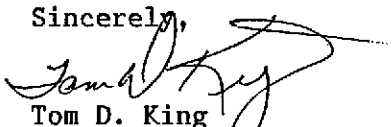
The maps seem to indicate that the irrigation for all of the applications is to be within the SW NE, E½ NW, and the NW SE Section 32. You must outline on each map, the lands which will be irrigated by the well in question.

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



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

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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

September 6, 1989

U.S. Forest Service
1500 Highway #2,
Sandpoint, Id. 83864

Re: Water Appropriation Application

Dear Applicant:

The Idaho Department of Water Resources acknowledges receipt of your Application For Permit To Appropriate The Public Waters Of The State Of Idaho. However I regret to inform you that each individual system must be filed on a separate Application, so I am returning the original application along with four additional applications and filing instructions, which includes a fee schedule. Please file as many applications as is necessary to insure that each system is on a different application.

The Applications must be completed and returned to this office with the appropriate fee for each and 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: Apps.

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MAR 28 1990

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

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DESCRIPTION OF THE WELLS LOCATED AT THE DRY CREEK SEED ORCHARD

There are currently four wells that have been developed at the Dry Creek Seed Orchard site. Three of the wells have pumps installed and are in use for irrigation and domestic purposes.

Domestic Well

The domestic well is located in the NE1/4 of SW1/4 of NE1/4 of section 32, T 55 N, R 3 E, BM, Bonner County, Idaho. The depth of the well is 240 feet. Static water level is 175 feet. Well diameter is 6 inches. Casing thickness is .250 inches. The well was test pumped and has a discharge rate of 20 gpm. This well was drilled in 1983.

The pump in this well is a Goulds Model 18E30, 3 hp submersible pump. This well is used to supply water for the office and maintenance facility on site.

Irrigation Well #1

Well #1 is located in the NE1/4 of SW1/4 of NE1/4 of section 32, T 55 N, R 3 E, B.M., Bonner County, Idaho. Well depth is 243 feet with a static water level of 178 feet. Well casing diameter is 8 inches and casing thickness is .250 inches. The well was test pumped and has a discharge rate of 110 gpm. This well was drilled in 1985.

The pump in this well is a Sta-Rite Model 190P, 10 hp submersible pump. A 5 hp Sta-Rite booster pump, Model DMH-5, is connected to the irrigation mainline where it exits from the well casing.

Irrigation Well #2

Well #2 is located in the NW1/4 of SW1/4 of the NE1/4 of section 32, T 55 N, R 3 E, B.M., Bonner County, Idaho. Well depth is 244 feet and static water level is 180 feet. Well casing diameter is 8 inches and casing thickness is .250 inches. The well was test pumped and has a discharge rate of 100 gpm. This well was drilled and completed on 6-17-89. No pump has been installed in this well.

Irrigation Well #3

Well #3 is located in the SW1/4 of the SW1/4 of the NE1/4 of section 32, T 55 N, R 3 E, B.M., Bonner County, Idaho. The well depth is 103 feet and has a static water level of 38 feet. Well diameter is 8 inches and the casing thickness is .250 inches. The well was test pumped and has a discharge rate of 110 gpm. This well was drilled in 1985.

The pump in this well is a Goulds Model 100H 10 hp submersible pump.

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