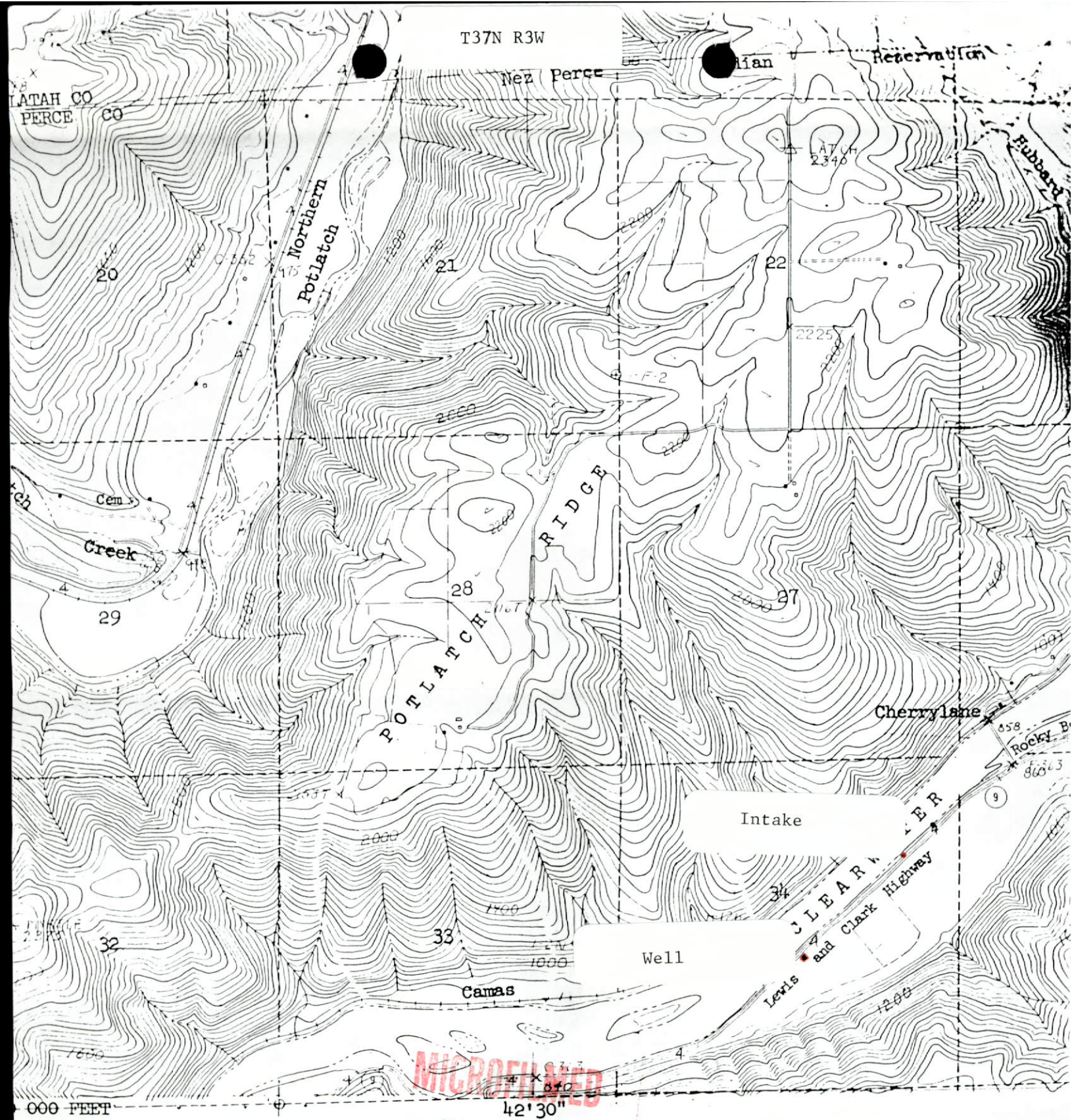
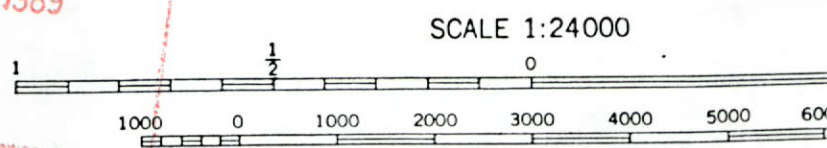




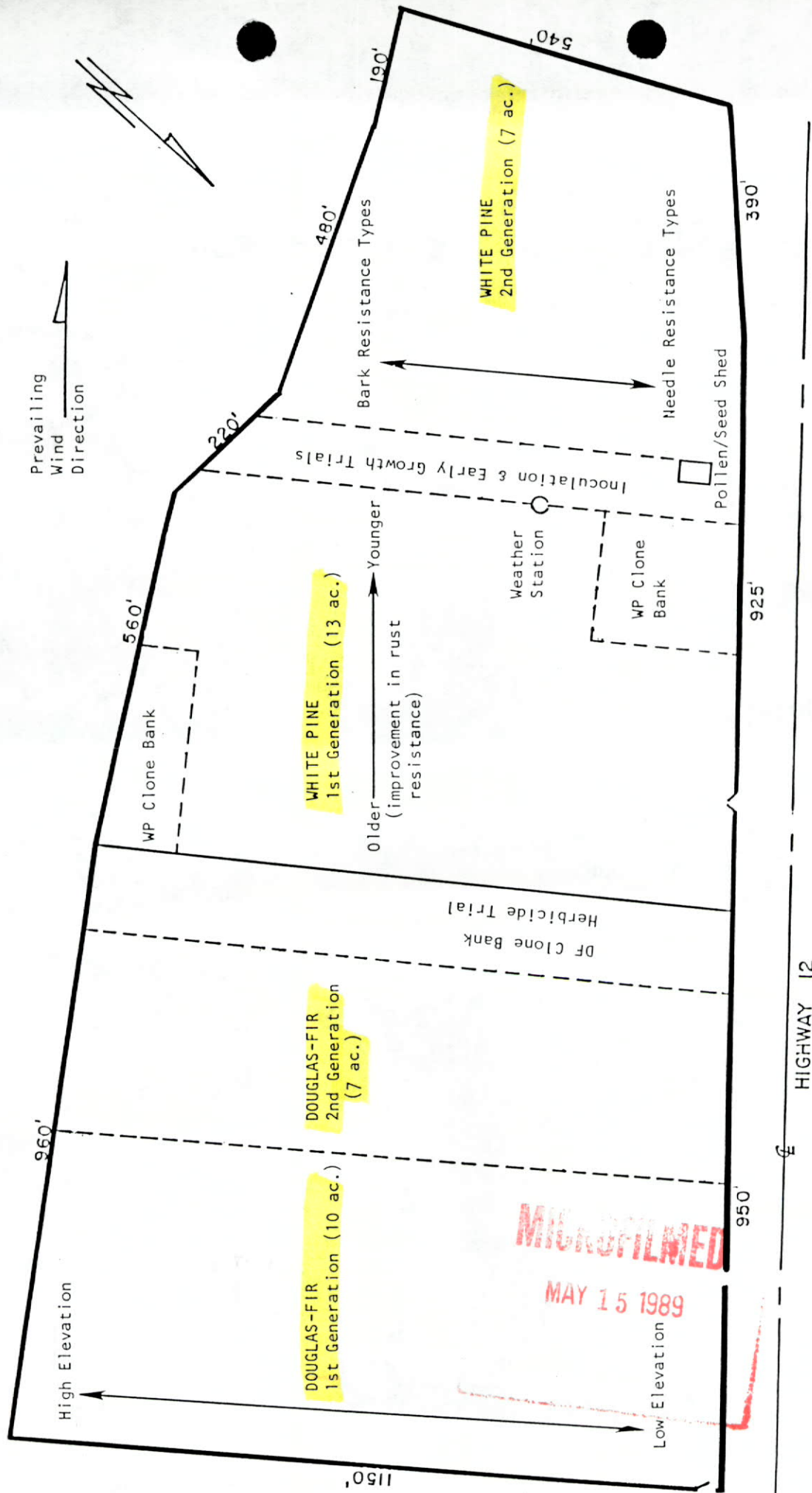
ic Area, Geological Survey

ited copy of an original manu-
g field additions made in 1961

MAY 15 1989
TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN
DECLINATION, 1961

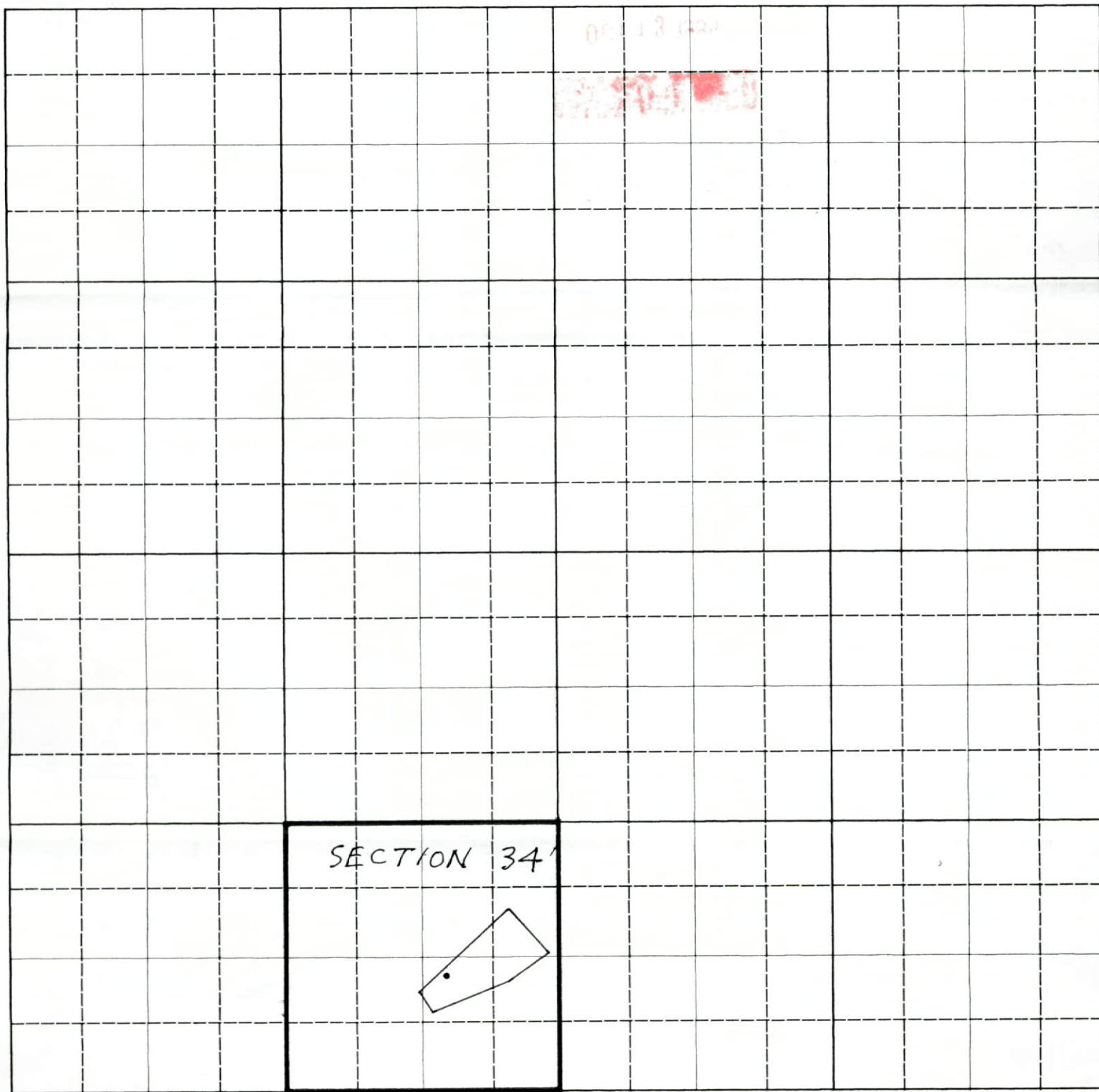


SCALE 1:24000
CONTOUR INTERVAL 40 FEET
DASHED LINES REPRESENT 20-FOOT CONTOUR
DATUM IS MEAN SEA LEVEL



POTLATCH Cherrylane Seed Orchard, Lenore, Idaho Scale: 1" = 200'

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. *Government*
Lot 7

T 37N R 3W

(• = proposed well location)

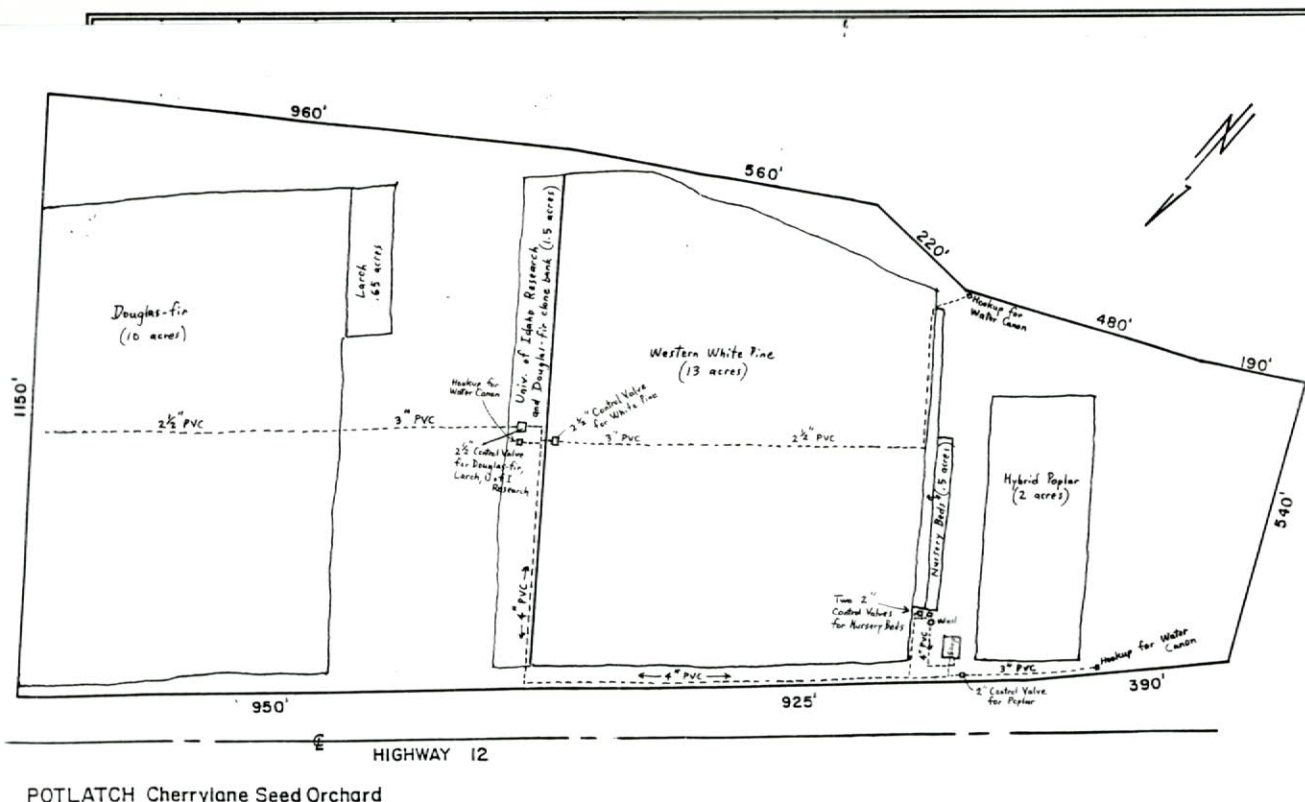
BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

MICROFILMED

OCT 13 1988

X JRM
J.R. Morris (Applicant)
Vice President

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



Scale: 1" = _____

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

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

____ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	SUBMERSIBLE	N/A		SUBMERSIBLE	

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

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
POLYSONK ultrasonic flow meter	Portable		ISTT-P			6-28-95

2. Measurements: 200 gall/min

FEB 26 1996

LATAH CO.
NEZ PERCE CO.

85-07450

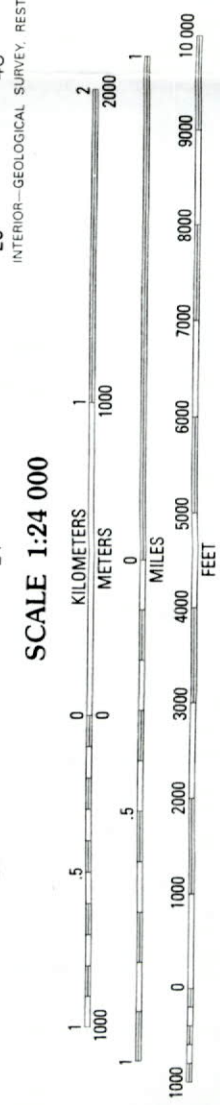
POTLATCH
T.37N., R.36W.

URVEY
S'NOAA
.....1957
.....1987
.....1990
SCATOR
ONE 11
T ZONE
EAST
OF 1929
DATUM
1983,
T ticks
of any

PROVISIONAL MAP
Produced from original
manuscript drawings. Infor-
mation shown as of date of
field check.

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

CONTOUR INTERVAL 40 FEET
SUPPLEMENTARY CONTOUR INTERVAL 20 FEET
To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by .3048



SCALE 1:24 000

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1990



QUADRANGLE LOCATION

1	2	3	1 Troy
4		5	2 Little Bear Ridge
6	7	8	3 Texas Ridge
			4 Green Knob
			5 Lenore
			6 Lapwal
			7 Cuddeas North
			8 Gifford

ADJOINING 7.5' QUADRANGLE NAMES

Improved Road
Unimproved Road
Trail

○ Interstate Route U. S. Route ○ State Route

JULIAETTA, IDAHO
PROVISIONAL EDITION 1990

46116-E6-TF-024



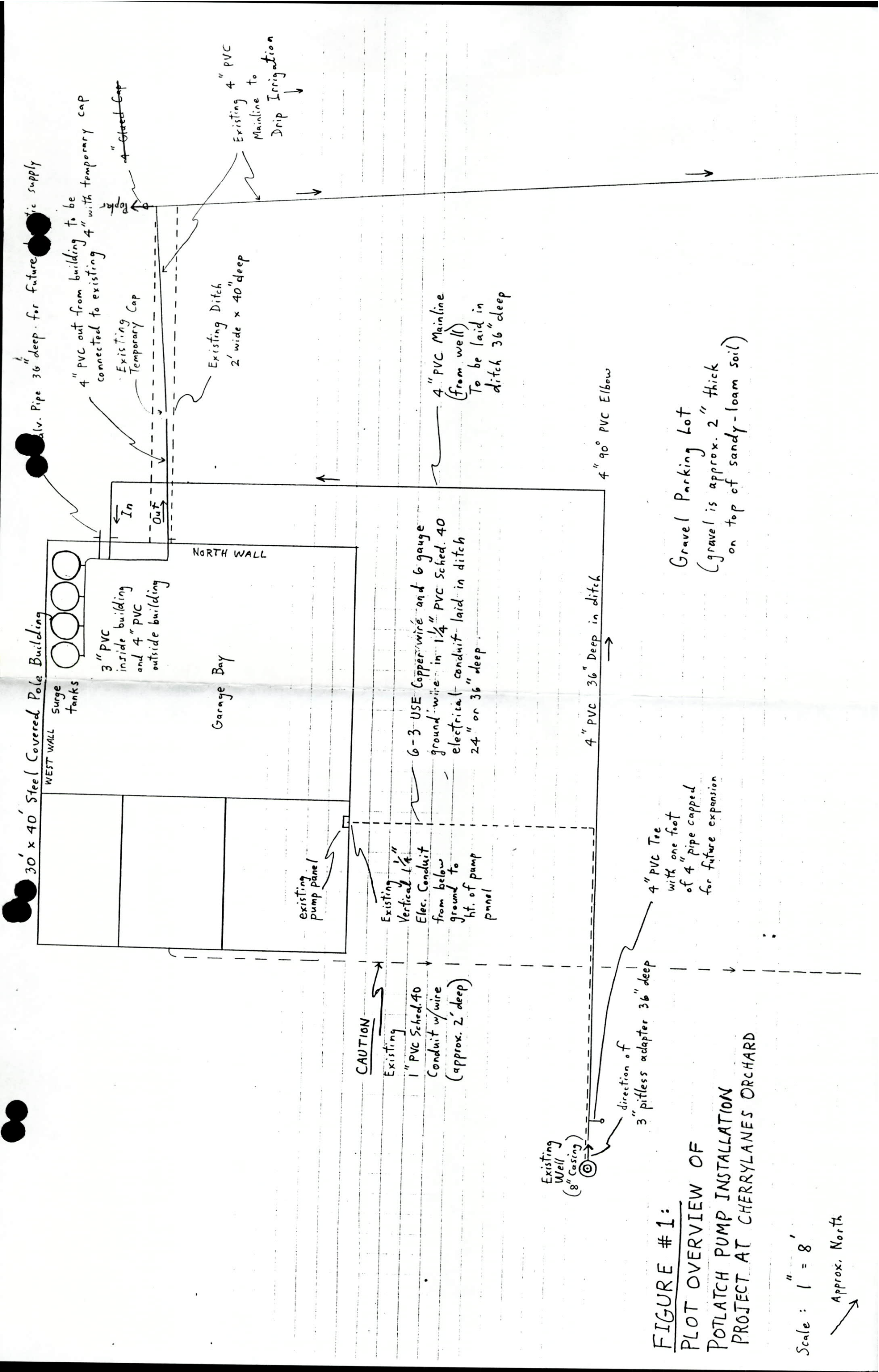


FIGURE #1:
PLOT OVERVIEW OF
POTLATCH PUMP INSTALLATION
PROJECT AT CHERRYLANES ORCHARD

Scale: 1" = 8'
Approx. North

Property Survey for
Part of the Kirby Ranch - Lenore, Idaho
February, 1978

James H. Gran & Associates - Surveying - Mapping - Levelling - Leds

I hereby certify that the map herewith represents a survey conducted under my supervision on January 19-23, 1928, at the request of
 H. Kirby.

James H. Brown

[illegible]

• Parcel #4 - Commencing at the Marker-Corner in the east line of the S^{1/4} of Section 35, T.31N., R.23W., S.4E., thence N. 87° 42' E., 568.19 feet to the Point of Beginning, thence N. 42° 51' E., 386.30 feet, thence N. 48° 40' E., 943.07 feet, thence S. 52° 57' W., 1038.45 feet, thence S. 55° 11' W., 50.19 feet, thence S. 53° 52' W., 331.50 feet, thence N. 48° 44' E., 219.22 feet, thence S. 70° 54' W., 379.41 feet, thence S. 53° 52' W., 461.71 feet, thence N. 25° 48' E., 553.29 feet to the Point of Beginning, containing an area of 25.103 acres.

[illegible]

Steve Kirkham Remembers—Beginning of a patent filing for the "back to front" from the two air-matching "Mushroom" valves. The early of 1953, I was 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850,

2 1/2 miles

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
FIELD REPORT SUPPLEMENT

PERMIT # 85-07450

P H O T O G R A P H S



PRESSURE
TANK



BIG
GUN
SPRINKLER



TREE
FARM
PURPOSE
USE

FEB 26 1996

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
FIELD REPORT SUPPLEMENT

PERMIT # 85-07450

P H O T O G R A P H S



WELL
HEAD



OFFICE

FEB 26 1996

TRIBUNE PUBLISHING COMPANY, INC.

The Lewiston Morning Tribune
505 C St., P.O. Box 957
Lewiston, Idaho 83501
(208) 743-9411

Date 021188 INVOICE No. L00126585

Account No. 96475

Description 26585NOTIC

Times 2 Lines 37

Tab Lines _____

LEGAL ADVERTISING INVOICE

SOLD TO: STATE OF IDAHO
DEPT. OF WATER RESOURCES
4055 GOVERNMENT WAY
COEURDALENE
ID 83814

\$ 32.38

NOTICE: This is an invoice of Purchase made by you. Statement will be rendered the first of the month.
Please Retain This Invoice as Your Statement Will Refer To Invoice by No. Only.

RECEIVED
FEB 17 1988
Department of Water Resources
Northern District Office

AFFIDAVIT OF PUBLICATION

STATE OF IDAHO, ss.
County of Nez Perce

C. M. Viers, being duly sworn,
deposes and says, I am the Legal Clerk
of the Tribune Publishing Company, a corporation organized and existing
under and by virtue of the laws of the State of Idaho, publishers of the
LEWISTON MORNING TRIBUNE, a newspaper of general circulation
published at Lewiston, Nez Perce County, Idaho; That the said Lewiston
Morning Tribune is an established paper and has been published regular-
ly and issued regularly at least once a day for more than 21 consecutive
years next immediately preceding the first publication of this notice, and
has been so published uninterrupted for said period; that the

NOTICE OF APPLICATION FOR WATER RIGHT

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

85-7450
POTLATCH CORP.
P.O. BOX 1016, LEWISTON, ID
83501

Source: GROUNDWATER
Diversion Pt: LOT 07 (NWNWSE)
Sec 34 T 37N R 03W

Use: IRRIGATION (0.740 CFS)
DOMESTIC (0.050 CFS)

Date Filed: 01/20/1988

In: SWNE SENE NWSE Sec
34 T 37N R 03W NWSE Sec 34 T 37N
R 03W FOR 37 ACRES

85-7451
MOSER, RANDALL D.
2313 FIRST AVE. N., LEWISTON,
ID 83501

Source: GROUNDWATER
Diversion Pt: LOT 06 (NESWSE)
Sec 04 T 33N R 04W

Use: DOMESTIC (0.010 CFS)
Date Filed: 01/20/1988

In: SWSE Sec 04 T 33N R 04W

The permit(s) will be subject to
all prior water rights. Protests must
be filed with the Director, Dept. of
Water Resources, 4055 Government
Way, Suite 9, Coeur d'Alene, Idaho
83814 on or before FEBRUARY 22,
1988.

R. KEITH HIGGINSON, Dir.

NOTICE OF APPLICATION

attached hereto and which is made a part of this affidavit was published in
the said Lewiston Morning Tribune, 2 time(s). Publication be-
ing on 020488

WEEK for 2 consecutive WEEKS, the first
publication thereof being on the 020488, and the last pub-
lication thereof being on the 021188, and said

NOTICE OF APPLICATION

was so published in the regular and entire issue of said newspaper and
not in a supplement thereof and was so published in every issue and
number of the said paper, during the period and times of publication as
set forth above.

SUBSCRIBED AND SWORN BEFORE ME THIS THE 16
day of February 1988

C. M. Viers
Sherral M. Lentz
Notary Public in and for the State of Idaho,
residing at Lewiston, therein.

RECORDED

OCT 13 1988

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 85-07450

Priority: January 20, 1988

Maximum Diversion Rate:

0.45 CFS

Maximum Diversion Volume:

148.6 AF

This is to certify, that POTLATCH CORP

PO BOX 1016

LEWISTON ID 83501-1016

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated January 20, 1988; and has submitted Proof of Beneficial Use on March 9, 1994. An examination indicates that the works have a diversion capacity of 0.450 cfs of water from a GROUNDWATER source, and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	03/01 to 11/30	0.45 CFS	148.0 AF
DOMESTIC	01/01 to 12/31	0.02 CFS	0.6 AF
	Totals	0.45 CFS	148.6 AF

LOCATION OF POINT(S) OF DIVERSION: Lot 7 (NWSE), Sec. 34, Township 37N, Range 03W
NEZ PERCE 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>
37N	03W	34	Lot 4 (SWNE) 1	Lot 4 (SENE) 9	NESE 8	
			Lot 7 (NWSE) 19			37

Total number of acres irrigated: 37

PLACE OF USE: DOMESTIC

TWN RGE SEC
37N 03W 34 Lot 7 (NWSE)

CONDITIONS OF APPROVAL AND REMARKS

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

FEB 26 1996

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

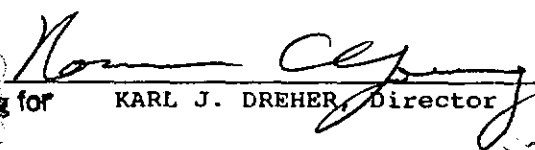
WATER RIGHT NO. 85-07450

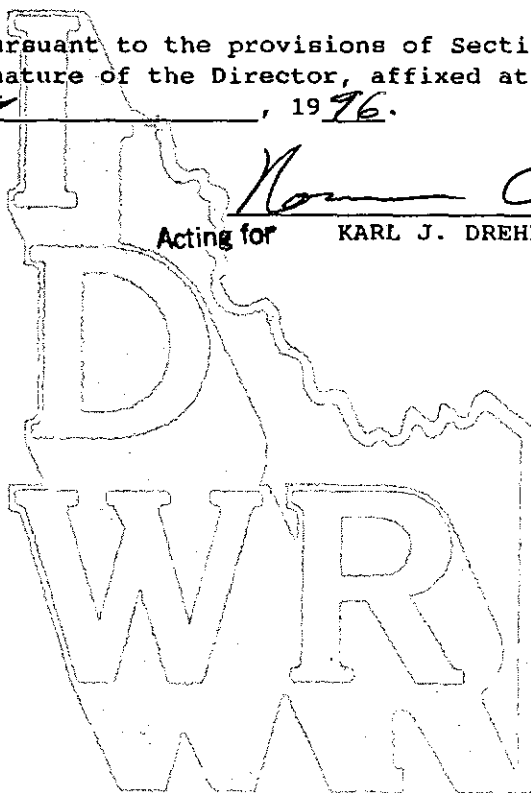
CONDITIONS OF APPROVAL AND REMARKS

5. This right when combined with all other rights shall provide no more than .02 cfs per acre nor more than 4.0 afa per acre for the lands above.
6. This right when combined with Right 85-02173 and all other rights shall provide no more than .02 cfs per acre nor more than 4.0 afa for the lands above.
7. Domestic use is for a utility shed.

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 20TH day of FEBRUARY, 1996.

Acting for


KARL J. DREHER, Director




FEB 26 1996

RECEIVED
MAR 14 1994

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

DEPARTMENT OF WATER RESOURCES

PROOF OF BENEFICIAL USE

RECEIVED

MAR 9 1994

NORTHWEST REGION
IDWR

For Office Use Only
Fee Received \$100.00
Date 3/9/94
Receipt # 7429
Receipt by h
Reviewed by h
Sent to region h

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

Permit No. 85-7450

Name(s) of Permit Holder: Potlatch Corporation (attn.: David Foushee) *Ans'd*

Post Office Address: P.O. Box 1016, Lewiston, ID 83501

Telephone No. (208) 799-1164

Source of Water: ground water

Extent of Use:

Domestic Utility Shed (number of households) 2 sinks & 1 toilet Stockwater _____ (number and type of stock)
Irrigation 37 (acres) Other/Remark _____

Total rate and/or volume for which proof is submitted .74 cfs _____ acre-feet

Show the date water was first diverted and beneficially used under this permit: _____

Measuring Device: Required? X Yes X No
Installed? X Yes X No
Fee enclosed \$ 100.00
(See License Examination Fee Schedule)

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

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

David L. Foushee, Tree Improvement Manager (208) 799-1164
(Name) (Telephone Number)

Potlatch Corporation, P.O. Box 1016, Lewiston, ID 83501
(Address)

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

FEB 26 1996

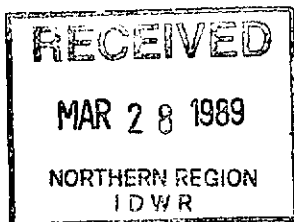
2/24/94

Date

David L. Foushee (Tree Improvement Manager)
Signature of Permit Holder (and title, if appropriate)

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

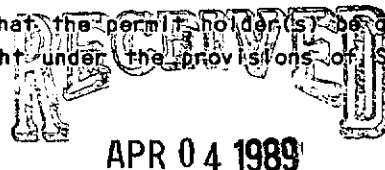
For Office Use Only
\$15 FEE Received by PWA
Date 3/28/89
Receipt # 17722



REQUEST FOR EXTENSION OF TIME

to provide additional time in which to submit proof
of beneficial use for a water right permit

The Idaho Department of Water Resources will consider this form as a request that the permit holder(s) be granted an additional period of time in which to complete development of a water right under the provisions of Section 42-204, Idaho Code.



Permit No. 85-07450

Name(s) of Permit Holder: Potlatch Corporation

Department of Water Resources

Post Office Address: P. O. Box 1016, Lewiston, ID 83501

Telephone No. 799-1706

Date Proof Is Due: April 1, 1989

Describe what work has been completed toward the development of this water right:
(This must be filled out! If no work has been completed, show "none".)

See attached documents

Costing \$

The permit holder(s) has been unable to complete the remainder of the work for the following reasons:

See attached documents

M. D. Clausner, Vice President

Permit holder(s) request an extension to March 15, 19 94.
(1 yr. minimum)

M D Clausner

(Signature)*

FEE: \$15.00

*IF OTHER THAN PERMIT HOLDER,
POWER OF ATTORNEY MUST BE SUPPLIED.

ACTION OF THE DEPARTMENT OF WATER RESOURCES

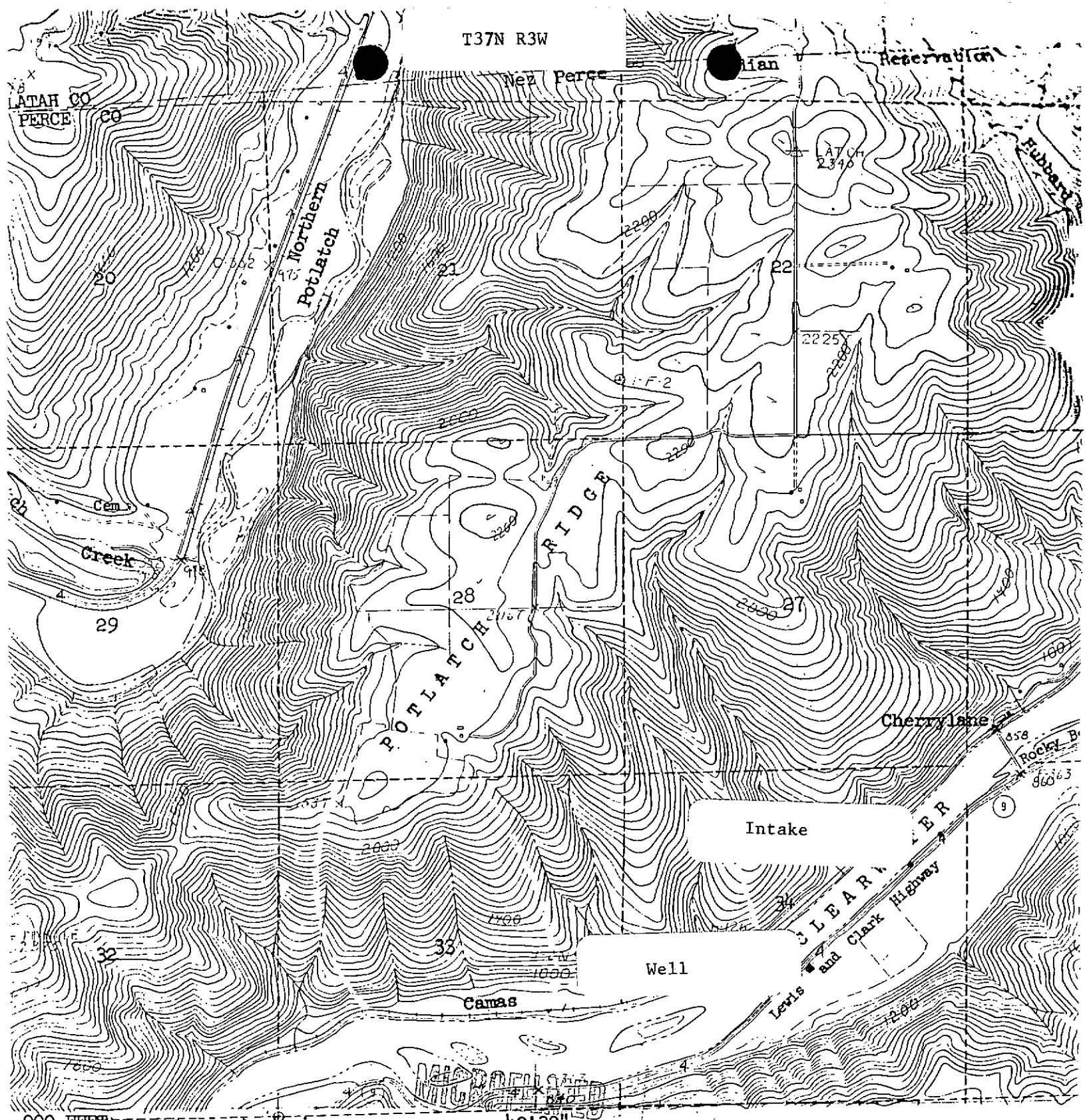
MICROFILMED

IT IS HEREBY ORDERED that the above request for extension of time be APPROVED and the time within which to submit proof of beneficial use is extended to April 1, 1994.

MAY 15 1989

Signed this 7th day of April, 19 89.

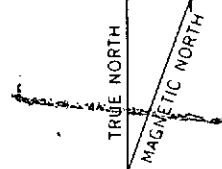
J. Glen Saylor
Chief, Water Allocations Bureau



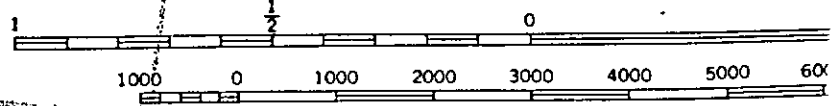
ic Area, Geological Survey

ited copy of an original manu-
g field additions made in 1961

MAY 15 1989



APPROXIMATE MEAN
DECLINATION, 1961



SCALE 1:24000
CONTOUR INTERVAL 40 FEET
DASHED LINES REPRESENT 20-FOOT CONTOUR
DATUM IS MEAN SEA LEVEL

Potlatch Corporation

Summary of Cherrylanes Seed Orchard Operations

Forest genetics and tree breeding are tools available to the forest industry today to ensure that future generations of seedlings planted on cutover lands are as disease resistant and fast-growing as possible. The objective of these tools, which are used in conjunction with the thinning and fertilization of tree stands, is to shorten the number of years (rotation age) required to grow merchantable volumes of high quality wood from a given acre of land. The Cherrylanes orchard is where Potlatch Corporation is implementing its genetics and breeding program. The company's investment there shows a commitment to intensive forest management. Seed produced at the Cherrylanes orchard will be used to grow future generations of seedlings at Potlatch's greenhouse facility.

Tree breeding is a long-term process compared to crop breeding (e.g., corn, wheat) because trees are much slower growing. Parent trees with superior disease resistance, volume growth and straightness are selected in wild (natural) stands. Cuttings from these parents are propagated by grafting at the Cherrylanes orchard (see map: Douglas-fir and white pine first generation). Seed from these parents are also collected for growing and testing the progeny seedlings in long-term field tests. Results from these field tests are not available until 15 to 20 years after planting. These results are then used to select individuals for inclusion in the second generation Douglas-fir and white pine blocks (see map). Because of this time lag between first and second generation blocks of the orchard, Potlatch plans to develop the irrigation system in stages. The second generation white pine irrigation system (7 acres) is scheduled for installation in 1991 and second generation Douglas-fir (7 acres) in 1993. This will bring the entire irrigated acreage at the Cherrylanes Seed Orchard to 37 within a five year period.

MICROFILMED

MAY 15 1989

Potlatch Corporation

Investments at Cherrylanes Seed Orchard

<u>Past Capital Expenses (approximate)</u>	<u>Amount</u>	<u>Year</u>
Land Purchase (Parcel "C")	\$125,000	1978
(Parcels "A", "B")	210,000	1984
Drip Irrigation System (installation)	20,000	1984
(expansion)	8,000	1986
Electric Game Fence (labor)	4,000	1985
ATV (Honda 4-wheeler)	4,000	1985
Building	15,000	1987
Weather Station	4,000	1987
Well & Pump	19,000	1988
Tractor	<u>15,000</u>	1989
Total	\$424,000	

<u>Past Operating Expenses (approximate)</u> (includes permanent & temporary salaries)		
	\$ 37,000	1978
	39,000	1979
	41,000	1980
	43,000	1981
	45,000	1982
	47,000	1983
	49,000	1984
	52,000	1985
	59,000	1986
	67,000	1987
	70,000	1988
	<u>73,000</u>	1989
Total	\$622,000	

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<u>Future Capital Expenses</u> (estimate for next five years)	<u>Amount</u>	<u>Year</u>
Tractor Implements	\$ 5,000	1990
Irrigation (expansion, white pine second generation)	10,000	1991
Man-lift	40,000	1992
Irrigation (expansion, Douglas-fir second generation)	11,000	1993
Electric Game Fence (expansion, material & labor)	<u>4,000</u>	1994
Total	\$ 70,000	

<u>Future Operating Expenses</u> (estimate for next five years) (includes permanent and temporary salaries)		
	\$ 77,000	1990
	80,000	1991
	84,000	1992
	88,000	1993
	<u>93,000</u>	1994
Total	\$422,000	

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MAY 15 1989

Potlatch Corporation
Western Division
Handy Facts About The
CHERRYLANES SEED ORCHARD

The Cherrylanes Seed Orchard, located approximately 18 miles east of Lewiston adjacent to Highway 12, is where genetically-improved western white pine and inland Douglas-fir seed is produced. The orchard is designed to provide a sustained yield of high genetic quality seed for regeneration of harvested Potlatch Corporation timberlands in Northern Idaho. The white pine orchard trees originated from mature white pine trees that were intensively selected from natural stands for superior blister rust disease resistance, stem straightness and rapid volume growth. Mature Douglas-fir trees with outstanding straightness, branch characteristics and volume growth were selected for the Douglas-fir orchard. Twigs from these elite trees or "plustrees" were grafted onto sturdy rootstock trees to produce individuals capable of bearing improved seed at an early age. Field testing of these elite trees ensures that only the best orchard trees are retained for seed production. Continued breeding will yield offspring capable of producing seed with even greater genetic improvement. Trees from this orchard will be capable of significant improvement in disease resistance, wood quality and volume growth when compared to unimproved seed from natural stands.

IMPORTANT DATES AT CHERRYLANES ORCHARD

First Generation -	<u>White Pine Block</u>	<u>Douglas-fir Block</u>
* Property Acquisitions :	1978	1984
* Rootstock Establishment :	1978-1985	1985-1988
* Graft Establishment :	1979-1987	1989-1992
* Full Production Target :	1998	2005

DESCRIPTION OF MAJOR COMPONENTS IN THE TREE IMPROVEMENT CYCLE

* Plustree Selection

This is generally the first step in the genetic improvement of forest trees. Natural stands are intensively screened for the very best individuals, based on growth rate or other desirable traits. These "plustrees" are then vegetatively propagated in production seed orchards like Cherrylanes. Sixty white pine and 60 Douglas-fir plustrees have been selected to date in our operating area and are represented in the orchard.

* Breeding

Plustrees are bred to one another using techniques which allow only pollen of desired parents to pollinate the flowers of others. Offspring resulting from these matings are used to evaluate the plustree's value as a parent. These individuals of known pedigree also become the population from which the next generation's selections are made. As information from

MAY 15 1989

testing Cherrylanes offspring becomes available, the breeding of selected plustrees for a second generation orchard will begin.

* Genetic Testing

Offspring from plustrees and Cherrylanes orchard trees are planted into field conditions representative of areas to be regenerated in the future. By tightly controlling the environmental variability within the tests, by replicating the test and by evaluating the performance of these offspring over several years, the genetic-worth of the orchard trees and their offspring can be determined. Five white pine and four Douglas-fir plustree genetic tests have been established to date. Additional tests of progeny from orchard trees and from controlled breeding will be established on an annual basis.

GENETIC IMPROVEMENT GOALS AT CHERRYLANES

* White Pine - Disease Resistance/Volume

Pollen collected from 60% rust-resistant trees at the Moscow Arboretum is supplementally applied to the Cherrylanes orchard trees to produce seed with a range of rust resistance levels from 20% to 100%, or an average resistance level of approximately 42% (i.e., approximately 42 out of 100 trees would be resistant to blister rust) as compared to unimproved seed with an average of 20% resistance. Having a range of resistance allows highly resistant seedlings to be identified and allocated to sites with a higher risk of blister rust infection. On sites where rust infection potential is low, growth and form can be emphasized at some sacrifice of rust resistance. As nursery and field test data become available, trees with less desirable rust resistance, growth and form will be removed from the orchard. This upgrading of genetic quality is expected to raise the average resistance level of our first generation seed to about 50%. In terms of volume growth, the improvement potential of our first generation seed over unimproved seed is expected to be from 10 to 15%.

* Douglas-fir - Volume

Since disease is not a major concern with this species, more emphasis is placed upon volume and form improvement. Our first generation Douglas-fir seed is expected to yield a 12 to 20% improvement in volume growth as compared to unimproved seed.

ORCHARD DESIGN CHARACTERISTICS

- * The design of both first and second generation white pine and Douglas-fir orchards is based upon a modified "advancing front" concept where younger grafts of better genetic quality are established downwind from older pollen producing grafts. Material in the orchard is continuously upgraded based on field trial results of progeny.

MAY 15 1989

- * Within the second generation white pine orchard, a gradient of sub-blocks of different rust resistance types will be oriented perpendicular to the prevailing wind flow so cross-pollination between trees of similar resistance type is promoted.
- * Within the first generation Douglas-fir orchard, a gradient of trees from low to high elevation will be oriented perpendicular to the prevailing wind so cross-pollination between trees of similar frost-hardiness is promoted.
- * Grafts of the same genetic identity (clones) are planted as far apart as possible and randomized to minimize the deleterious effects of inbreeding and maximize outcrossing and random matings.

SITE LOCATION BENEFITS

Cherrylanes is an ideal orchard location because it provides:

- * Intense solar radiation, low precipitation, warm temperature and a sandy-loam soil type that are key environmental factors that enhance cone and seed production.
- * Accessibility at all times of the year and the fact that Cherrylanes is located outside the natural range of white pine and Douglas-fir to avoid pollen contamination that could dilute the genetic value of the seed are also important characteristics.

CHERRYLANES STATISTICS

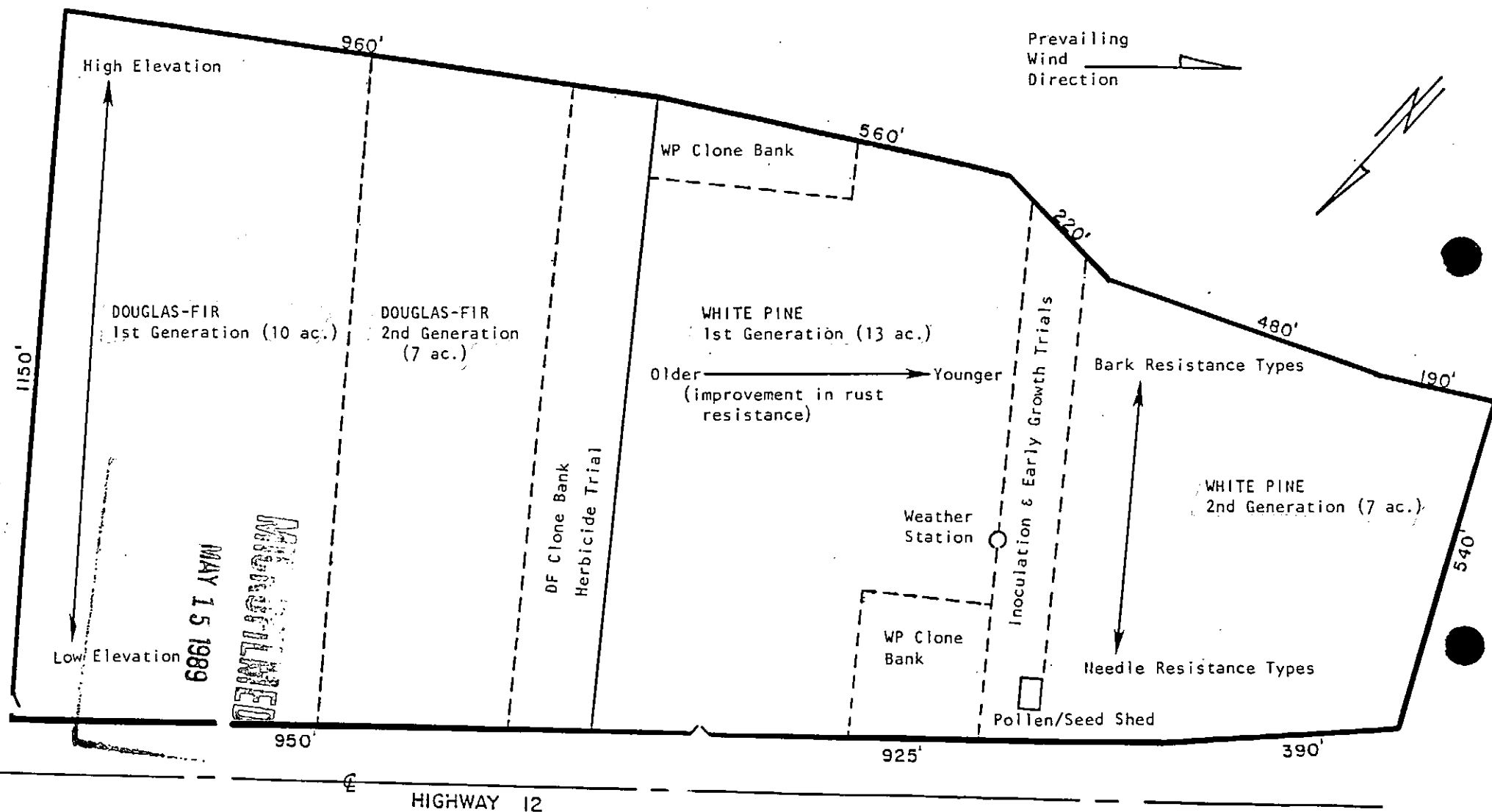
- * Gross Acreage - 53.8 acres
 Current First Generation Production Acreage¹
 First Generation White Pine - 13 acres
 First Generation Douglas-fir - 10 acres
 Total 23 acres
- * Minimum Annual Seedling Production Potential (Mature Orchard)

<u>White Pine</u>		<u>Douglas-fir</u>	
Acres in Production	Seedlings Per Year (millions)	Acres in Production	Seedlings Per Year (millions)
<u>13</u>	<u>1.4</u> ²	<u>10</u>	<u>1.8</u> ³

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1. Approximately 14 acres are available for second generation expansion of the white pine and Douglas-fir orchards.
2. Assumes seed production of 10 lb./acre and 11,000 plantable seedlings per pound of seed.
3. Assumes seed production of 10 lb./acre and 18,000 plantable seedlings per pound of seed.



POTLATCH Cherrylane Seed Orchard, Lenore, Idaho Scale: 1" = 200'

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

Ident. No. 85-7450

To appropriate the public waters of the State of Idaho

APPROVED

1. Name of applicant Potlatch Corporation Phone 799-1164
Post office address P.O. Box 1016, Lewiston, ID 83501
2. Source of water supply ground water which is a tributary of N/A
3. Location of point of diversion is NW $\frac{1}{4}$ of NW $\frac{1}{4}$ of SE $\frac{1}{4}$, Govt. Lot 7
Sec. 34 Township 37N Range 3W B.M. Nez Perce County; additional
points of diversion if any: _____
4. Water will be used for the following purposes:
Amount .74 for irrigation purposes from April 1 to Nov. 1 (both dates inclusive)
(cfs or acre-feet per annum) DOMESTIC - JK - 1 - 21 - 88
2/2/88 JK Amount .04 for other purposes from Jan. 1 to Dec. 31 (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated is (a) .74 and/or (b) 100
cubic feet per second acre feet per annum
6. Proposed diverting works:
 - a. Description of ditches, flumes, pumps, headgates, etc. 260 ft. deep well with 15 hp pump,
4" PVC mainlines will supply a drip irrigation system
 - b. Height of storage dam N/A 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 260 feet.
 - d. Is ground water with a temperature of greater than 90°F being sought? No
7. Time required for the completion of the works and application of the water to the proposed beneficial use is
1 years (minimum 1 year).

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

- a. Hydropower; show total feet of head and proposed capacity in KW. _____
- b. Stockwatering; list number and kind of livestock. _____
- c. Municipal; show name of municipality. _____
- d. Domestic; show number of households. UTILITY SHED (2 SINKS & ONE TOILET)
- e. Other; describe fully. Primarily drip irrigation but also potable water supply for utility shed (2 sinks and 1 toilet).

9. Description of place of use:

- a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- b. 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	
37N	3W	34			1	9									8	19			37
		34			1	1									1	1, D			

Total number of acres to be irrigated: 37

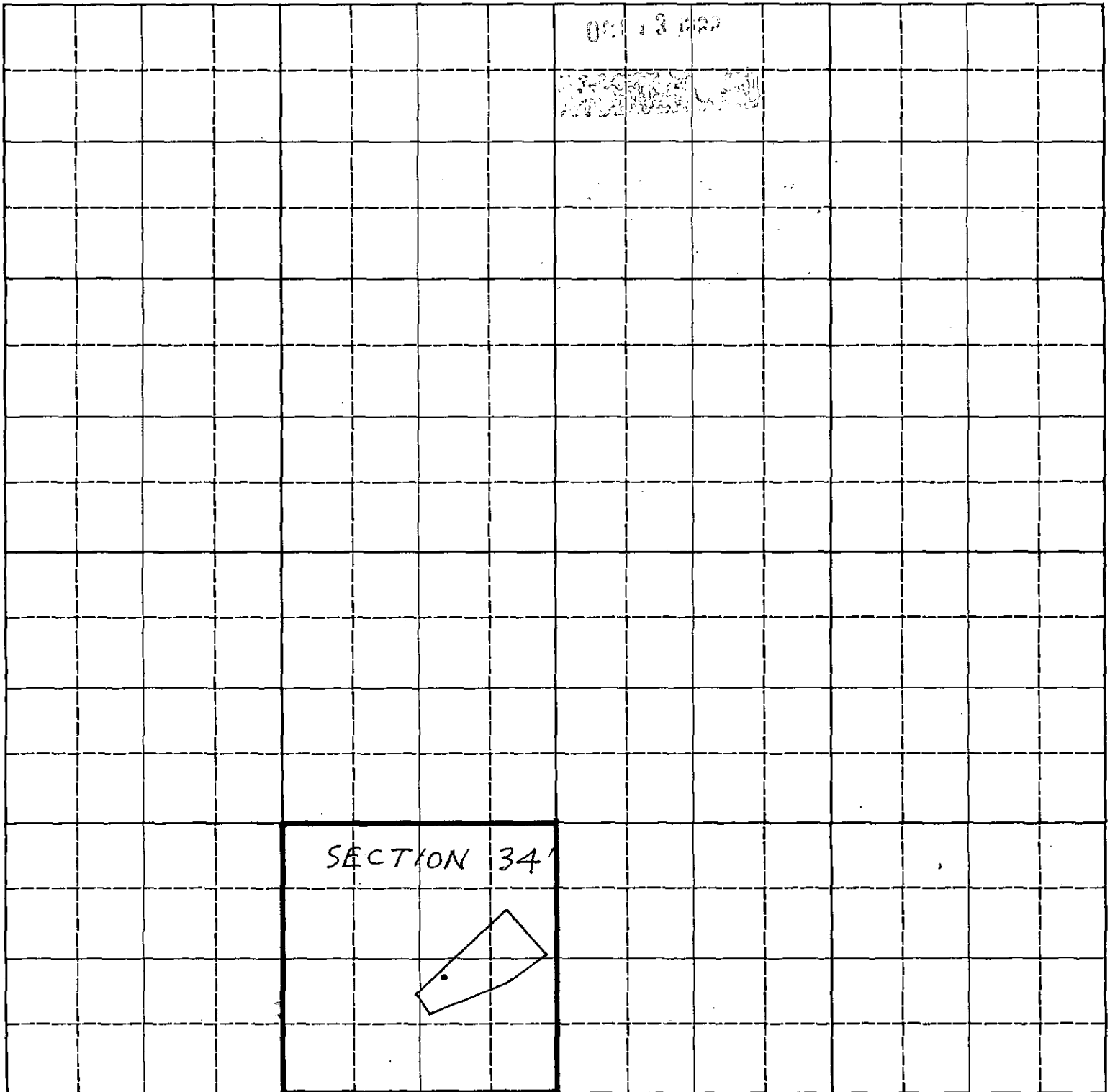
10. Describe any other water rights used for the same purposes as described above. 85% of License and Certificate of Water Right issued by the State of Idaho as #20045 (86-2017) for the Clearwater River. This will serve only as a backup water supply in case of emergency
11. a. Who owns the property at the point of diversion? Potlatch Corporation
- b. Who owns the land to be irrigated or place of use? Potlatch Corporation
- 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: _____

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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.

Government
Lot 7

T 37 N R 3 W

(• = proposed well location)

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.

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OCT 13 1988

J. R. Morris
J. R. Morris (Applicant)
Vice President

Proposed Priority 1/20/88

Received by [Signature] Date 1/20/88 Time 2:45 PM Preliminary check by JK

Fee \$ 452 Receipted by [Signature] # 41901 Date 1/21/88
Devin G. Johnson

Publication prepared by [Signature] Date 1/28/88 Published in 1/4-11/88

Publication approved [Signature] Date 2/18/88

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 85-7450, and said application is hereby APPROVED.

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

a. SUBJECT TO ALL PRIOR WATER RIGHTS.

b. Proof of construction of works and application of water to beneficial use shall be submitted on or before April 1, 19 89.

c. The rate of diversion, if water is to be used for irrigation under this permit, when combined with all other water rights for the same land shall not exceed 0.02 cubic feet per second for each acre of land.

d. 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: Permit holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.

Prior to the diversion of water under this permit a flow measurement port or other device as specified by the Department shall be installed to provide for the installation of measuring equipment and the determination of the rate of diversion by the Department.

The maximum rate of diversion for domestic purposes under this permit shall not exceed 0.04 cfs.

Witness my hand this 30th day of March, 1988.

[Signature]
Director 1/28

RECORDED

OCT 13 1988



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

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

February 20, 1996

POTLATCH CORP
PO BOX 1016
LEWISTON ID 835011016

RE: WATER RIGHT NO. 85-07450

Dear Water Right Holder(s):

Enclosed is a copy of the Water Right License issued on the above referenced permit. If you have any questions, please contact me within 10 days of receipt of this license.

Sincerely,

Shelley W. Keen
Water Rights Supervisor

SK:rl

Enclosure

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FEB 26 1996

LICENSE REVIEW CHECKLIST



PERMIT NO. 85-07450 DATE 2-9-96

NAME Change OK ☒ Or Address Change? ☐

PRIORITY DATE Advance? ☒ Advanced to: Order to reinstate needed? ☐
Incorrect fee for rate recommended? NO

SOURCE Changes or just clarification of originally intended source? ☒
Notice of Intent to Void necessary? ☐

POINT OF DIV Amendment needed? ☒
Overlaps? ☒

PLACE OF USE Amendment needed? ☒ Add GOULOT 7 to NWSE / Lot 4 to SENE
Overlaps? ☒ 85-02173 - Adjacent Acres.
85-02173B - CLAIM FOR SAME.

DIV RATE POLYSONIC ☒ Permit/fee limits: .74 CFS
Meas Q = .45 Theo Q = Recommend: .45
200 gpm = .446 CFS IRR @ .45
374 cfs x .02 = .74 Dom @ .02
Combined rates exceed capacity ☐

ANNUAL VOLUME ☒ Volume Limit: Season: E/4.0 (3-1 to 11-30)
Calculations: 37 x 4 = 148 AF Dom @ .6
Flow limit: .45 cfs x 275 x 1.9835 = 245
Combined volumes exceed capacity/allowable ☐

USES ☒ Change in Nature of Use or additional uses? ☐
Amendment necessary? ☐ (NA in this area)

ADDITIONAL INFO ☐ Replaces Surface Water 050 Supplemental GW YES
☐ Irr/Dom Combination WB5 PPU Recommendation YES
☐ Boise River/Wood River Source Aes/Rec Uses W38

NEW REMARKS ☒ Multiple p/d(s) in 1/4/4? YES
Other WB3/WB8/W44/W01 - Edit.

NEW CONDITIONS ☐ WM Control- District ☐ Meas/Lock Devices ☐
☒ Irrigation Overlap R31
☐ Other ☐
☐ Water Quality ☐ Heat/Cool/Fish verified ☐

COMMENTS: Reduce rate to capacity. Supplemental GW - but not in
Reduce domestic rate + volume. an applicable area

RECOMMENDATION	CFS	VOLUME	SRBA Claim Filed.	Adjustment Memo Needed	LICENSE
<u>Irrigation</u>	<u>.45</u>	<u>148</u>	<u>YES</u>	<u>YES</u>	☒
<u>Domestic</u>	<u>.02</u>	<u>.6</u>			
<u>TOTAL</u>	<u>.45</u>	<u>148.6</u>			

1ST AMEND LETTER ☐
2ND AMEND LETTER ☐

remains

MEMORANDUM

TO: File 85-07450 / Potlatch Corp.
FROM: Brenda Chapman
DATE: February 9, 1996
RE: Recommendation Adjustment(s)

=====

The final licensing recommendations for Right 85-07450 are based on the information below:

F. FLOW CALCULATIONS

The recommended rate (also capacity) has been increased. Two hundred gallons per minute is equivalent to .446 cfs and has been rounded up to .45 cfs.

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use	Rate of Div	Annual Vol
Irrigation	3-01 to 11-30	.45	148.0
Domestic	1-01 to 12-31	.02	.6

The season of use and volume have been changed to the current recommended guidelines for the per acre field headgate requirement of crops in that area.
[4.0 afa per acre]

The domestic use in the utility shed is for 2 sinks and a toilet. Therefore, the rate and volume has been reduced to the standard, internal domestic guidelines.

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FEB 26 1996

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
JAN 25 1996
Department of Water Resources

A. GENERAL INFORMATION

Permit No. 85-07450

1. Owner: Potlatch CORP Phone No. _____

Current Address: P.O. Box 1016 Lewiston Id, 83501

2. Accompanied by: David foreshee EXAM DATE: 6-28-95

Address: same as above Phone No. _____

Relationship to Permit Holder: _____

3. Source: Groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 85-02173 85-04484

2. Other water rights with the same point of diversion: _____

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

Ident No.	Gov't Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
			NW	SE	34	37N	03W	NEZ PERCE	UDGS 7.5 min quad

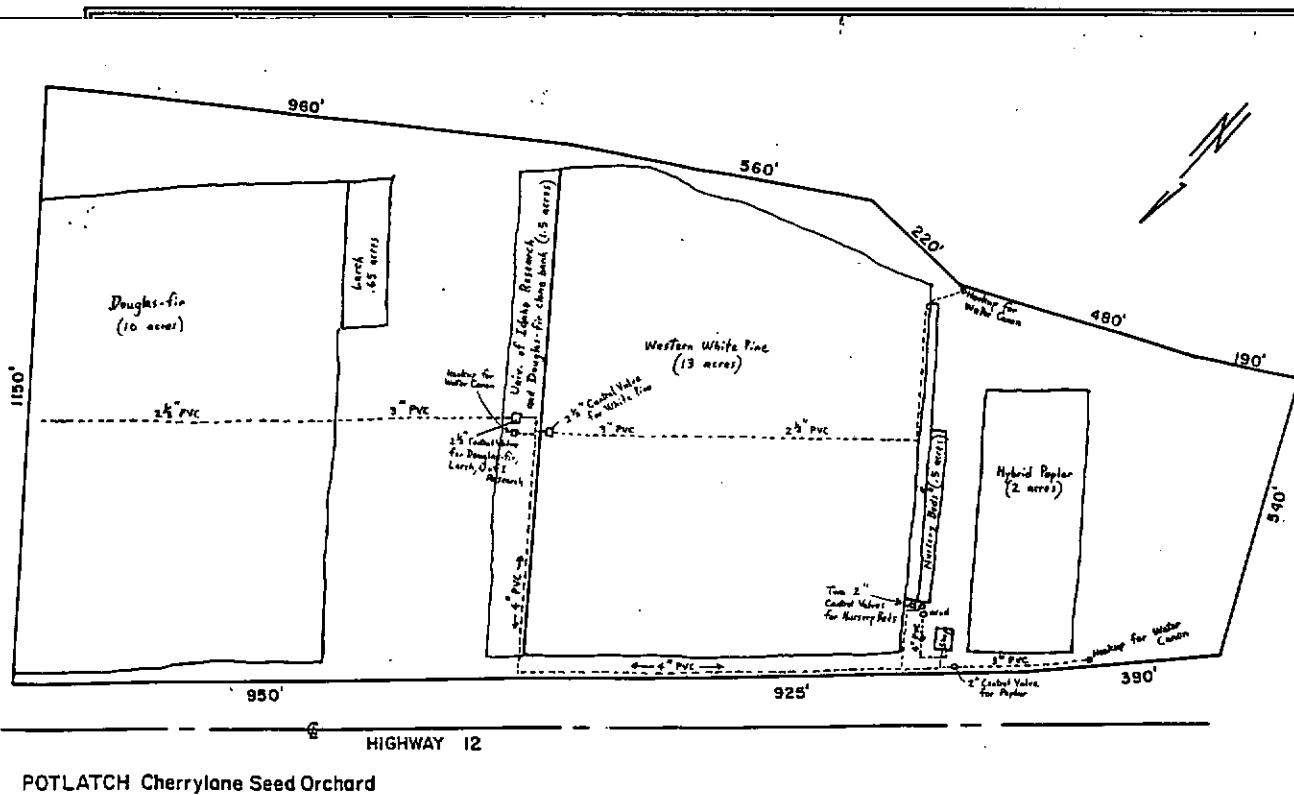
2. Place(s) of Use:

Indicate Method of Determination

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
37N	03W	34			1	9									8	0,19			37

FEB 26 1996

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



Scale: 1" = _____

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

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

____ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	SUBMERSIBLE	N/A		SUBMERSIBLE	

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

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
POLYSONK ~~ultrasonic~~ flow meter	Portable		15TT-P			6-28-95

2. Measurements: 200 gall/min

128261986

E. NARRATIVE/REMARKS/COMMENTS

Trees are irrigated by drip system
system is supplemented by a big gun
sprinkler magnum 1000 SN# J-N9375A

AN 8" WELL SERVES TREE FARM BY VARIOUS SIZED
PVC PIPES. BOTH DRIP AND SPRINKLER IRRIGATION
METHODS ARE USED TO WATER TREES AND ^{GRASS} FIELDS

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

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F. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method:

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

* $V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 37 \times 3 = 111$
 $V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = .44 \times 214 \times 1.9835 = 186.22$
 $V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 111$

2. Volume Calculations for Other Uses:

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
* DOMESTIC	01-01	12-31	.04	1.2
IRRIGATION	04-01	11-01	.44	111
Totals:			.44	112.2

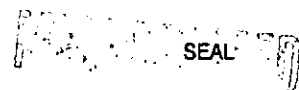
2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☐ None
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

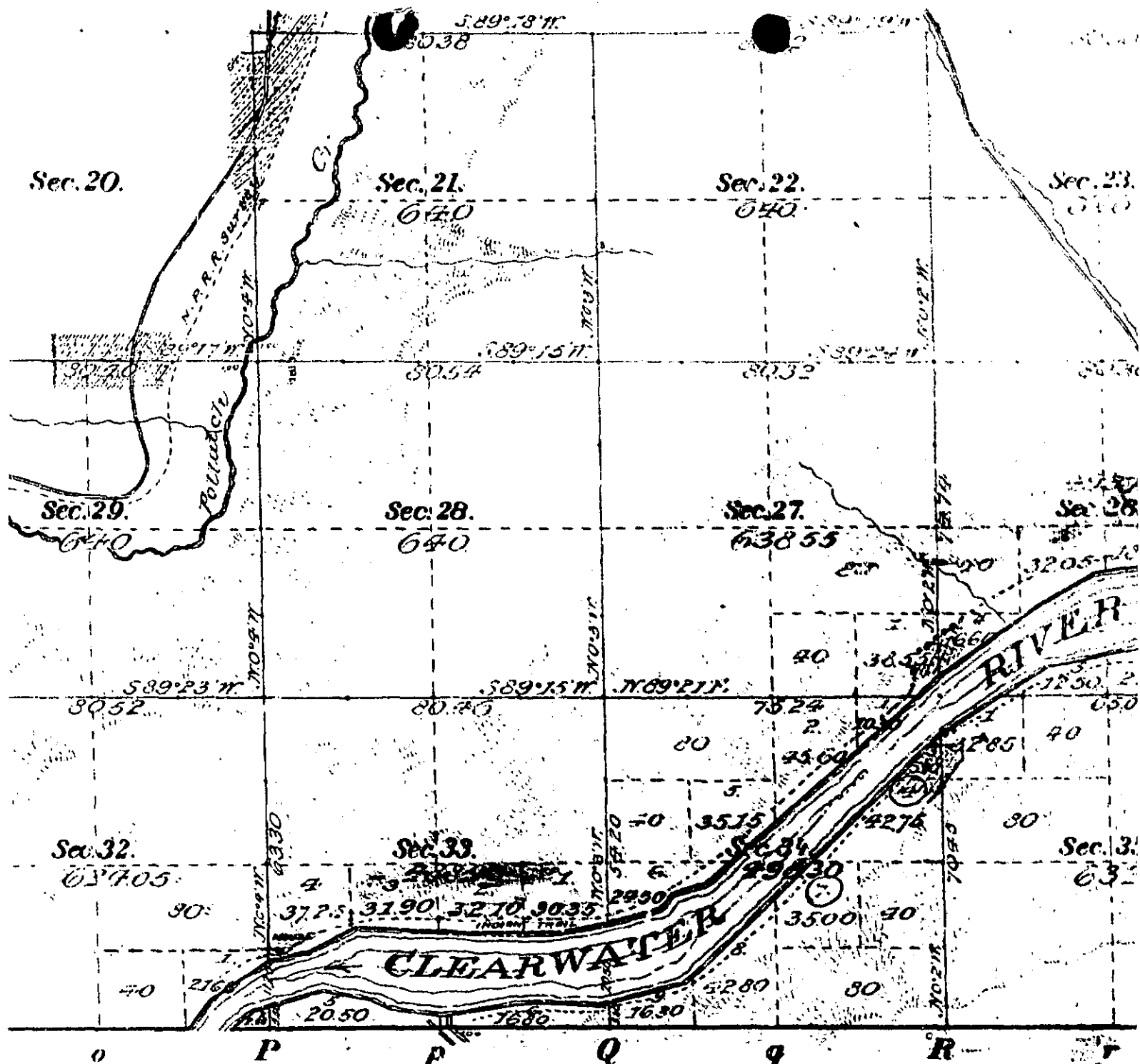
Field Examiner's Name John McChesney Date 7-5-95

Reviewer _____ Date _____



FEB 26 1996

* See adjustment memo. BC



of Water Surface 600.10[±] Total number of Acres 10,903.66

of Contract	Amount of Surveys	When Surveyed	From Direction
	M. Ch. Lk.		
	2 69 94	May 27-28 1892	27° 20' East
	22 50 22	28 June 6"	
	10 50 10		
		37N	
		3W	
		SEC 34	
			FEB 26 1996

The above
Boise
notes of the

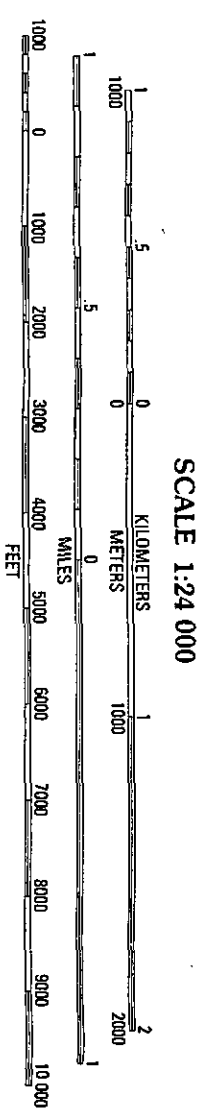
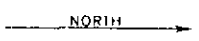
The
Boise

BC

85-07450

URVEY
S/NOAA
.....1957
.....1967
.....1987
.....1990
TCATOR
ONE 11
T ZONE
1 EAST
0 EAST
OF 1929
DATUM
1983

PROVINCIAL MAP



CONTOUR INTERVAL 40 FEET
SUPPLEMENTARY CONTOUR INTERVAL 20 FEET

1	2	3	1 Troy
			2 L... Ride



QUADRANGLE LOCATION

ROAD LEGEND

- Improved Road.....
- Unimproved Road.....
- Trail.....
- Interstate Route
- U. S. Route

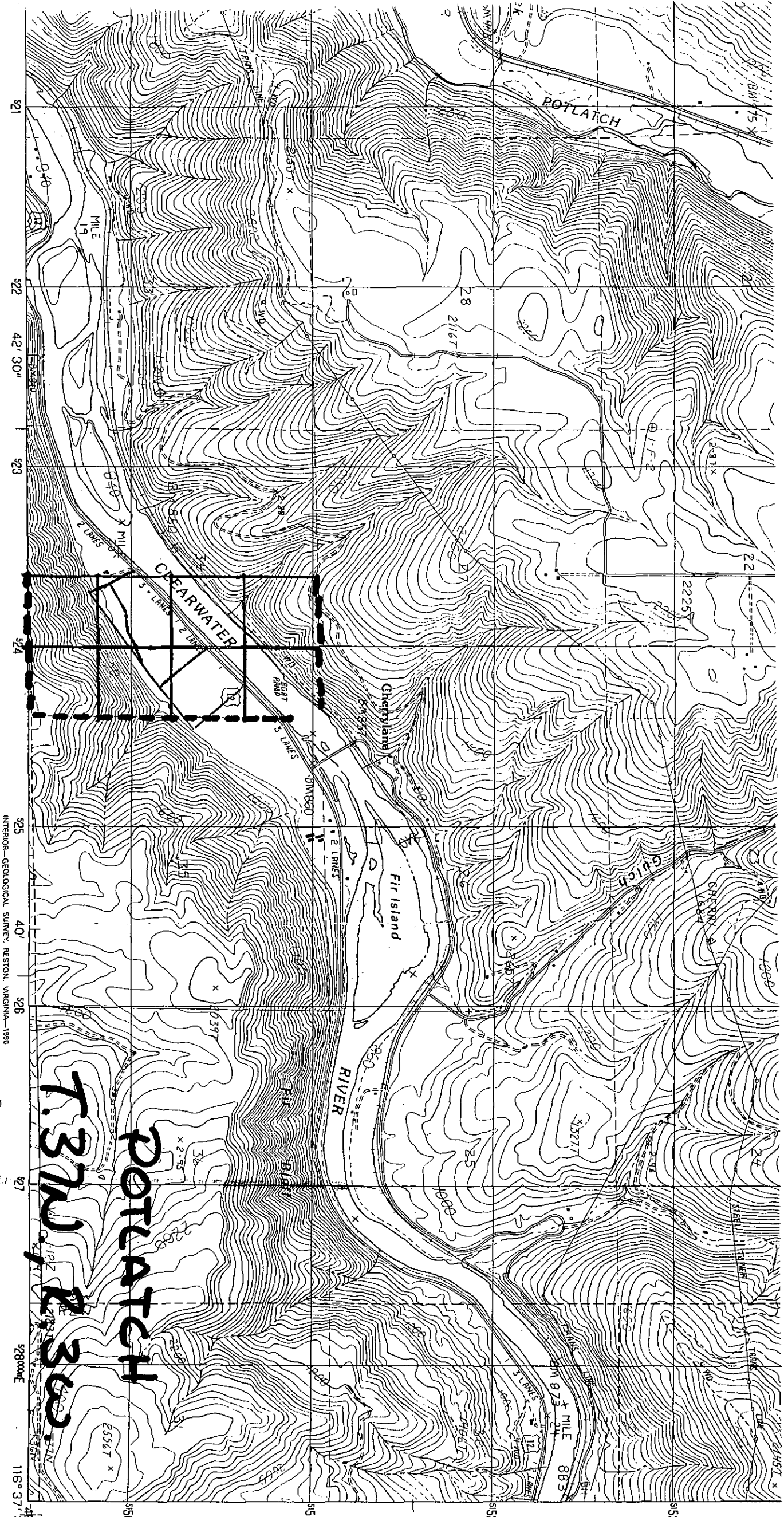
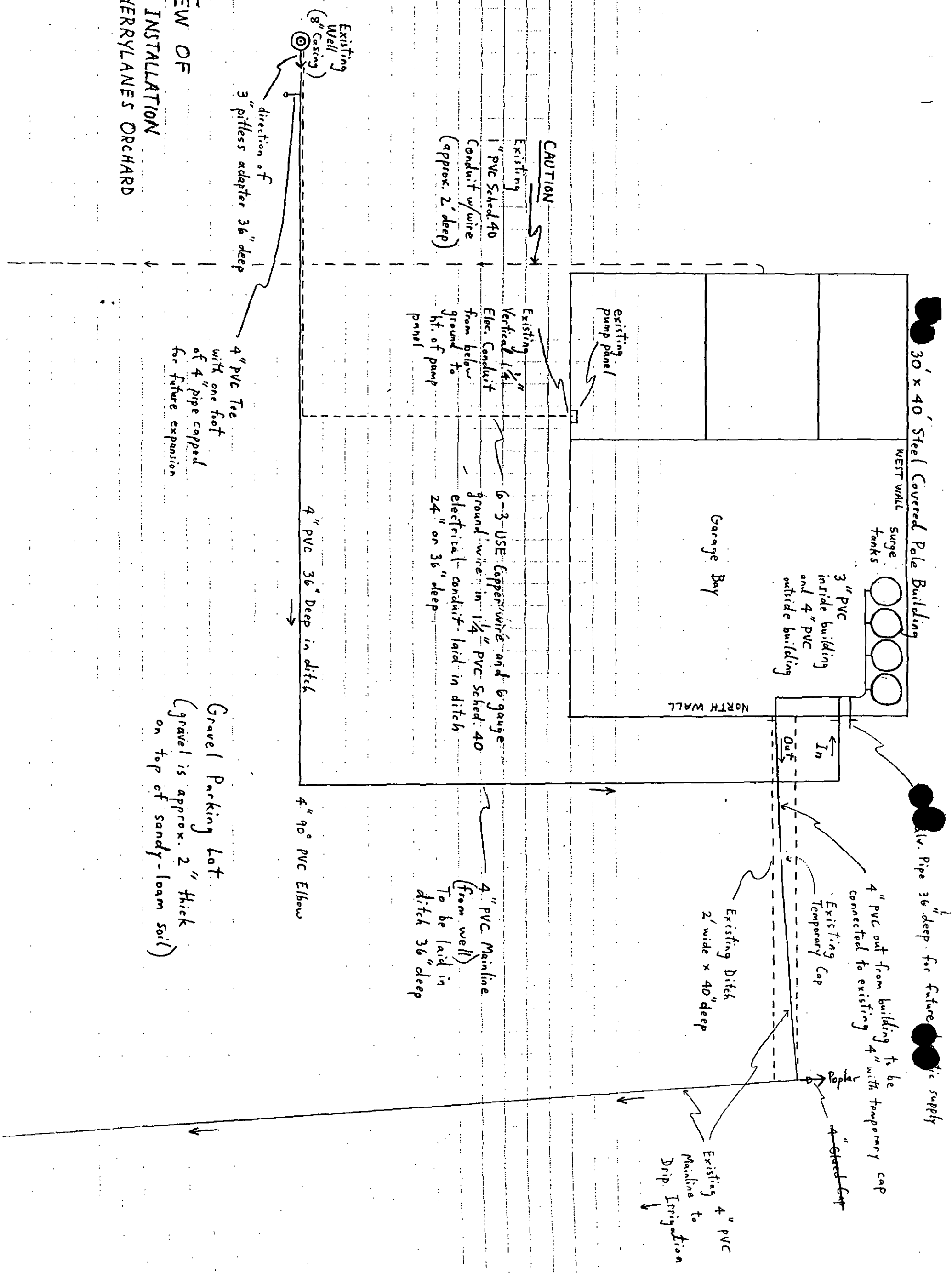




FIGURE #1:
PLOT OVERVIEW OF
POTLATCH PUMP INSTALLATION
PROJECT AT CHERRYLANES ORCHARD

Scale: 1" = 8'

Approx. North



andreas A. Krumm & Stefan W. Schwaninger - Kassel, 1998

1. hereby certify that the foregoing represents a correct and true copy of the original as submitted to me on January 19, 1921, at the request of the
 Dr. Kirby.

Printed by J. H. Smith, at the request of the Board of Directors, of the
 American Red Cross Society, New York, N. Y.

[illegible][illegible][illegible][illegible]

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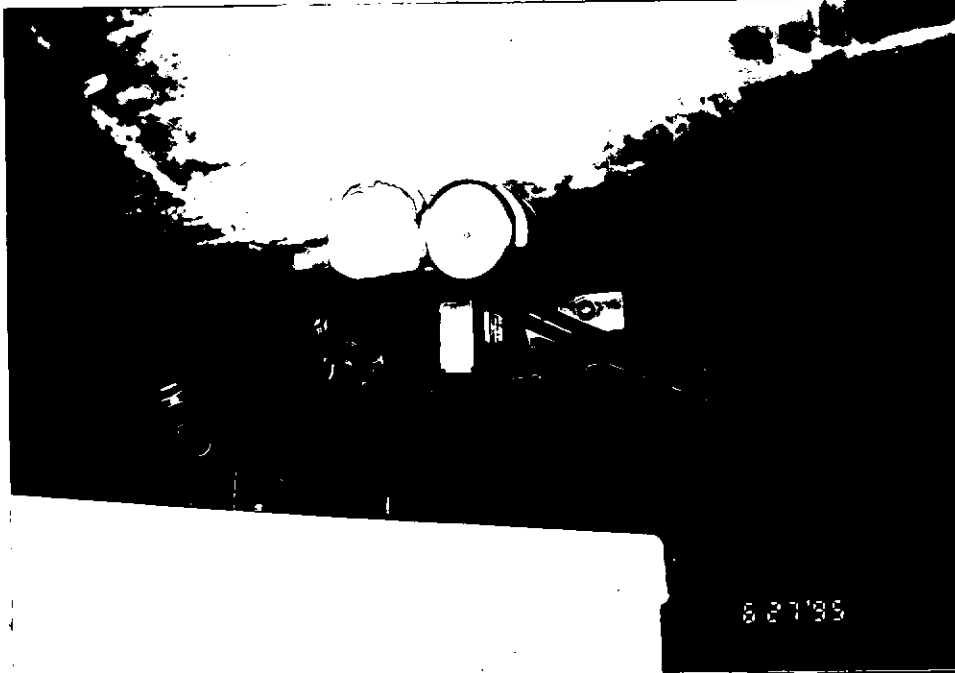
1. WELL OWNER Name <u>POTLATCH CORP.</u> Address <u>LEWISTON ID</u> Owner's Permit No. <u>85-88-N-1</u>	7. WATER LEVEL Static water level <u>18</u> feet below land surface Flowing? ☐ Yes ☒ No G.P.M. flow <u>---</u> Artesian closed in pressure ☐ Yes ☒ No Controlled by ☐ Valve ☐ Cap ☐ Plug Temperature <u>51</u> °F Quality <u>GOOD</u> Describe variation in temperature and quality																															
2. NATURE OF WORK <u>WRF 85-07450</u> ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)	8. WELL TEST DATA ☐ Pump ☐ Bailor ☒ Air ☐ Other <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Discharge G.P.M.</th> <th>Pumping Level</th> <th>Hours Pumped</th> </tr> <tr> <td><u>300</u></td> <td><u>130</u></td> <td><u>12</u></td> </tr> </table>	Discharge G.P.M.	Pumping Level	Hours Pumped	<u>300</u>	<u>130</u>	<u>12</u>																									
Discharge G.P.M.	Pumping Level	Hours Pumped																														
<u>300</u>	<u>130</u>	<u>12</u>																														
3. PROPOSED USE ☒ Domestic ☒ Irrigation ☐ Test ☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other _____ (specify type)	9. LITHOLOGIC LOG <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Bore Diam.</th> <th colspan="2">Depth</th> <th rowspan="2">Material</th> <th rowspan="2">Water Yes/No</th> </tr> <tr> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td></td> <td><u>12.0</u></td> <td><u>10</u></td> <td><u>SAND</u></td> <td></td> </tr> <tr> <td></td> <td><u>10.8</u></td> <td><u>24</u></td> <td><u>SAND & GRAVEL</u></td> <td></td> </tr> <tr> <td></td> <td><u>8.24</u></td> <td><u>133</u></td> <td><u>BROKEN BASALT</u></td> <td>☒</td> </tr> </tbody> </table>	Bore Diam.	Depth		Material	Water Yes/No	From	To		<u>12.0</u>	<u>10</u>	<u>SAND</u>			<u>10.8</u>	<u>24</u>	<u>SAND & GRAVEL</u>			<u>8.24</u>	<u>133</u>	<u>BROKEN BASALT</u>	☒									
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4. METHOD DRILLED ☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary ☐ Cable ☐ Dug ☐ Other _____	RECEIVED FEB 26 1996																															
5. WELL CONSTRUCTION Casing schedule: ☐ Steel ☐ Concrete ☐ Other <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Thickness</th> <th>Diameter</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td><u>250</u> inches</td> <td><u>8</u> inches</td> <td><u>1</u> feet</td> <td><u>100</u> feet</td> </tr> <tr> <td>_____ inches</td> <td>_____ inches</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ inches</td> <td>_____ inches</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ inches</td> <td>_____ inches</td> <td>_____ feet</td> <td>_____ feet</td> </tr> </tbody> </table> Was casing drive shoe used? ☒ Yes ☐ No Was a packer or seal used? ☐ Yes ☒ No Perforated? ☐ Yes ☒ No How perforated? ☐ Factory ☐ Knife ☐ Torch Size of perforation _____ inches by _____ inches <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Number</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>_____ perforations</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ perforations</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ perforations</td> <td>_____ feet</td> <td>_____ feet</td> </tr> </tbody> </table> Well screen installed? ☐ Yes ☒ No Manufacturer's name _____ Model No. _____ Diameter _____ Slot size _____ Set from _____ feet to _____ feet Diameter _____ Slot size _____ Set from _____ feet to _____ feet Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____ Placed from _____ feet to _____ feet Surface seal depth <u>2.0</u> Material used in seal: ☐ Cement grout ☒ Bentonite ☐ Puddling clay ☐ Sealing procedure used: ☐ Slurry pit ☒ Temp. surface casing ☐ Overbore to seal depth Method of joining casing: ☐ Threaded ☐ Welded ☐ Solvent Weld ☐ Cemented between strata Describe access port <u>WELL SEAL CAP</u> <u>BE REMOVED</u>		Thickness	Diameter	From	To	<u>250</u> inches	<u>8</u> inches	<u>1</u> feet	<u>100</u> feet	_____ inches	_____ inches	_____ feet	_____ feet	_____ inches	_____ inches	_____ feet	_____ feet	_____ inches	_____ inches	_____ feet	_____ feet	Number	From	To	_____ perforations	_____ feet	_____ feet	_____ perforations	_____ feet	_____ feet	_____ perforations	_____ feet
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_____ perforations	_____ feet	_____ feet																														
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6. LOCATION OF WELL Sketch map location <u>must</u> agree with written location. N <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">W</td> <td style="text-align: center;">X</td> <td style="text-align: center;">E</td> </tr> <tr> <td style="text-align: center;">S</td> <td></td> <td></td> </tr> </table> Sutcliffe Name <u>GOUT</u> Lot No. <u>7</u> Block No. _____ County <u>NEZ PERCE</u> <u>NW 1/4 NW 1/4 Sec. 34 T. 37 N. R. 3 E W</u>	W	X	E	S			10. Work started <u>4/20/88</u> <u>4/25/88</u> 11. DRILLERS CERTIFICATION I/We certify that all information furnished on this form is true and correct and that the work was done in accordance with the rules and regulations of the Department of Geology and Earth Sciences. Firm <u>BURKS WELL DRILLING</u> <u>1017 S. 10th</u> <u>CHONGVILLE, IDAHO 83420</u> Signed by (Firm Official) <u>[Signature]</u> and Operator <u>[Signature]</u>																									
W	X	E																														
S																																

USE ADDITIONAL SHEETS IF NECESSARY - FORWARD THE WHITE COPY TO THE FBI BUREAU

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
FIELD REPORT SUPPLEMENT

PERMIT # 85-07450

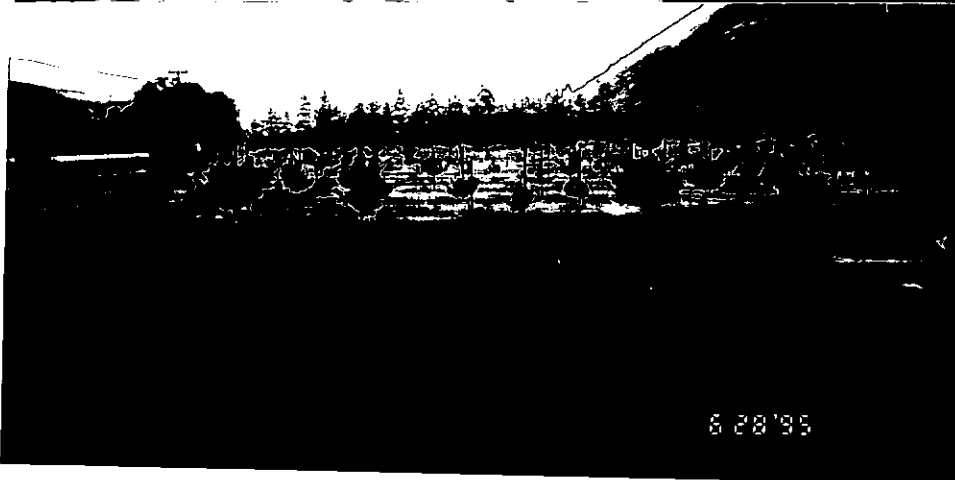
PHOTOGRAPHS



PRESSURE
TANK



BIG
GUN
SPRINKLER

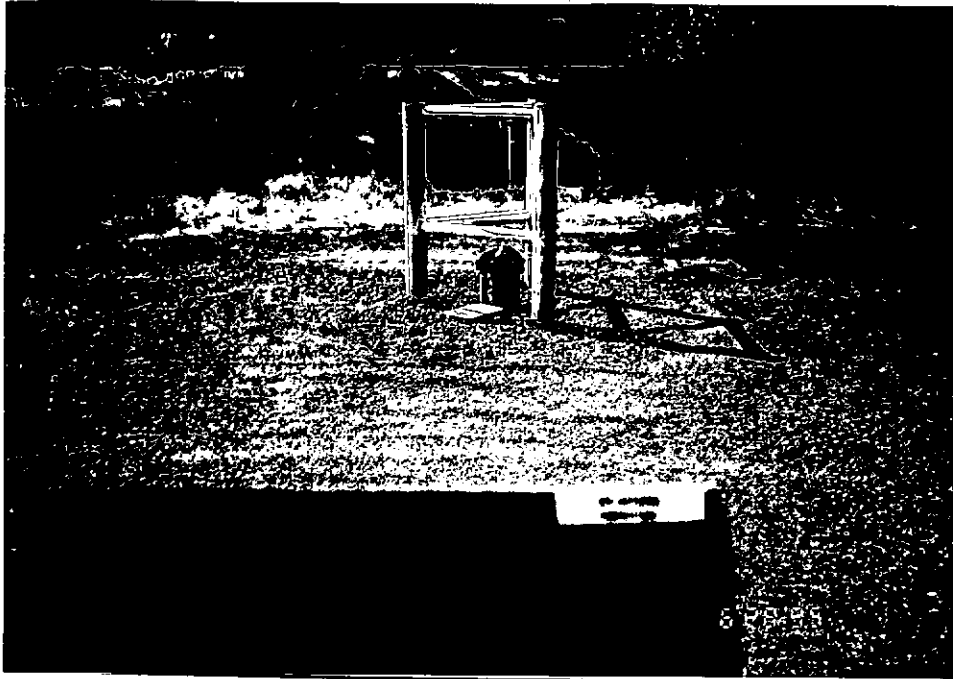


FREE
FARM
PUMP &
USE

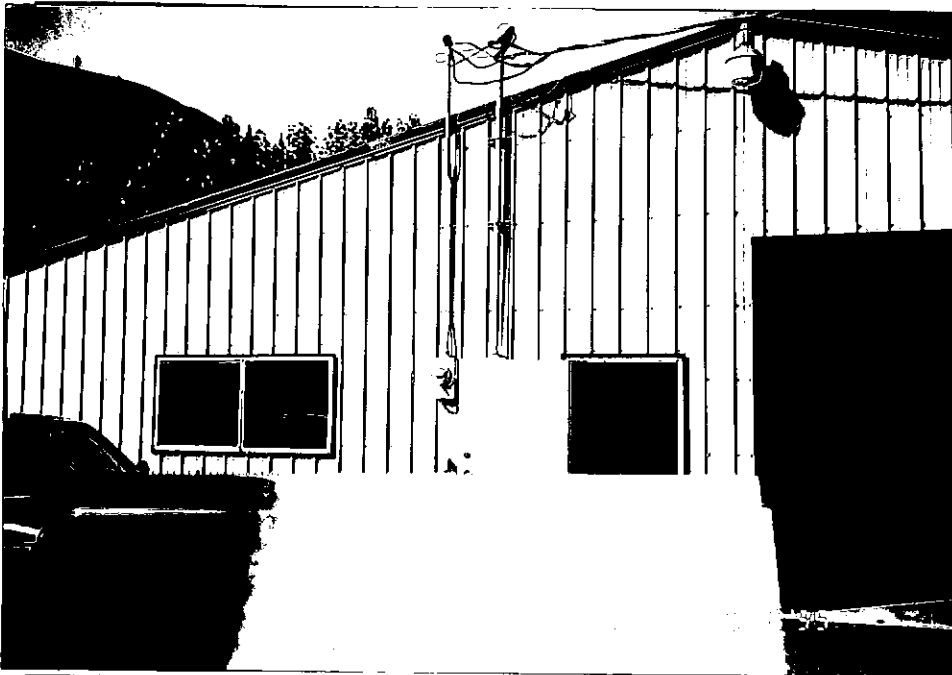
PERMIT # 85-07450

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
FIELD REPORT SUPPLEMENT

P H O T O G R A P H S



WELL
HEAD



OFFICE

FEB 26 1986

March 18, 1994

POTLATCH CORP.
P.O. BOX 1016
LEWISTON ID 835010000

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 85-07450

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)769-1450.

Sincerely,

JULIE L. YARBROUGH
Senior Secretary

c: IDWR - Region

RECEIVED

FEB 26 1996

January 31, 1994

POTLATCH CORP.
P.O. BOX 1016
LEWISTON ID 835010000

PROOF DUE NOTICE

RE: PERMIT NO. 85-07450

Dear Permit Holder:

One of the conditions of approval of the above referenced water permit was that proof of the extent of your beneficial use must be submitted to this office on or before April 1, 1994. (See last page of your approved permit or your last approved extension request.) Enclosed is a form which when accompanied by the license examination fee or a complete field examination report prepared by a certified water right examiner may be used to submit the required proof.

If you have not fully completed your project, and you or a previous owner of this permit have not received a prior extension of time, you may request an extension of time if the delay is for reasonable cause as provided in Section 42-204, Idaho Code. If you have been prevented from proceeding by a governmental agency or by litigation which might bring title to the water in question, more than one extension of time can be granted. An extension of time request form is enclosed for your convenience.

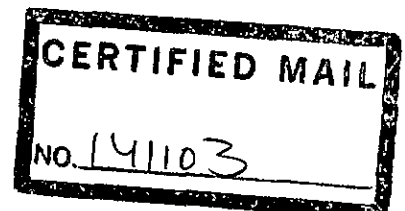
Either an acceptable proof of beneficial use submittal or an acceptable request for an extension of time must be received by this department on or before the above described proof due date. If neither is received, the department will send you a lapse notice. Within sixty (60) days of the mailing of the lapse notice, the permit will no longer be of any force nor effect.

SINCERELY,

JULIE L. YARBROUGH
Senior Secretary

Enclosures

RECEIVED
FEB 2 6 1996



April 12, 1989

Potlatch Corp.
c/o M. D. Clausner, Vice President
P.O. Box 1016
Lewiston, ID 83501

Dear Mr. Clausner:

Re: Permit No. 85-7450

Enclosed is a copy of the approved request for extension of time. The time within which to submit the proof of beneficial use form is extended to April 1, 1994.

If you have any questions or concerns regarding the permit, please feel free to contact this office.

Sincerely,

RITA I. FLECK
Secretary/Records Manager

Enclosure

RECORDED

MAY 15 1989

POTLATCH CORP.
P.O. BOX 1016
LEWISTON, ID 835010000

January 31, 1989

138935

PROOF DUE NOTICE

RE: PERMIT NO. 85-07450

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SINCERELY,

Rita Fleck
Secretary/Records Manager

Enclosures

RECORDED

MAY 15 1989



State of Idaho
DEPARTMENT OF WATER RESOURCES

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

CECIL D. ANDRUS
Governor

October 6, 1988

R. KEITH HIGGINSON

RECEIVED
OCT 11 1988

Department of Water Resources

Mr. Gary Reeve
Potlatch Corporation
P.O. Box 1016
Lewiston, ID 83501

Re: Permit No. 85-7450

Dear Gary:

At your request I have reviewed the file of the Potlatch Corporation's water right permit No. 85-7450. First of all, as we have discussed, there is no need for the company to file a claim in the Snake River Basin Adjudication on this permit. Claims need not be filed on permits where the proof of beneficial use of water had not been filed prior to November 19, 1987. The company may, if they choose to, file a claim on that permit; however there is nothing to be gained by doing so, because a condition of recognizing the permit in the adjudication report would be that the company must complete the statutory process and obtain a license.

As to the permit itself, as you know the proof of beneficial use is due on April 1, 1989. As I understand it, by that time about 25 acres will actually be irrigated. It is my further understanding that there are an additional ten to twelve acres covered by the permit that will be developed. Because a water right is a use right tied to amount acreage irrigated and the amount of water developed during the permit period, it would be advisable for the company to ask for an extension of time for the permit when the proof due notice is received rather than file the proof of beneficial use. The extension will not effect the priority date of the water right, which was established when the original application was received by the department.

The water rights that the Nez Perce Tribe will probably assert to do whatever they eventually develop on the reservation are based on the Winters Doctrine. Simply put, the premise of the Winters Doctrine is the whatever water was needed for the reservation was reserved at the time the reservation was created. At this time, to my knowledge, those rights are not quantified. The state is in the process of talking to the tribe about negotia-

MICROFILMED

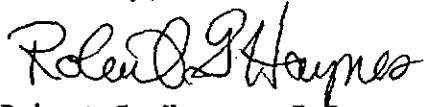
MAY 15 1989

Mr. Gary Reeve
Page Two
October 6, 1988

ting those rights as part of the Snake River Basin Adjudication. At this time there is nothing in writing as far as a memorandum of understanding about negotiating their water rights. One further point about reserved rights, because reserved rights theoretically exist because of the reservation, no permit is required from the state to exercise a reserved right.

If you have any further questions, please don't hesitate to contact me.

Sincerely,

A handwritten signature in cursive script, reading "Robert G. Haynes".

Robert G. Haynes, P.E.
Regional Manager

MICROFILMED

MAY 15 1989

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]

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

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

STATEHOUSE
BOISE, IDAHO 83720
(208) 334-4440
APRIL 01, 1988

POTLATCH CORP.
P.O. BOX 1016
LEWISTON, ID 83501

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 85-7450

DEAR PERMIT HOLDER:

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

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

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 THE STATEMENT OF BENEFICIAL USE FORM THAT MUST BE SUBMITTED WHEN YOUR PROJECT IS COMPLETED.

SINCERELY,

GARY SPACKMAN
SUPERVISOR, WATER ALLOCATION SECTION

GS: SC
ENCLOSURES

RECEIVED

OCT 13 1988

To Don

Date 2/1/88

Time 11:25pm

WHILE YOU WERE OUT

of Dave Stucke

Phone Forlind

Telephoned	☐	Please call	☐
Called to see you	☐	Will call again	☐
Wants to see you	☐	Returned your call	☐

Message It's O.K. to reduce

domestic to 0.04 CFS.

Done on
computer 2/16/88

Operator

OCT 13 1988

January 27, 1988

Potlatch Corp.
P. O. Box 1016
Lewiston, Id. 83501

Re: 85-7450

Gentlemen:

The Department of Water Resources acknowledges receipt of your water right application for permit. The application has been assigned Identification No. 85-7450. Please refer to this number in all further correspondence.

This office is currently in the process of advertising the application in the Lewiston Tribune. The advertisement will be published for two weeks, and a period of ten days following the second publication will be allowed for the submittal of protests.

If the application is protested, you will be sent a copy of the protest. The protest must be resolved before the application is approved or denied. If the protest is not resolved voluntarily, this Department will conduct a conference and/or hearing on the matter.

If the application is not protested, it will be forwarded to our state office in about five weeks. State office personnel will conduct a complete review prior to the final processing of the application and will notify you of the outcome of this review. When a permit is issued, you will be sent a copy. A typical processing time for an unprotested application is about eight weeks.

Enclosed please find your Receipt No. 41901 for the amount of \$45.00.

Please feel free to contact this office if you have any questions regarding this procedure.

Sincerely,

ROBERT G. HAYNES, P.E.
Regional Supervisor

RGH/pms
Enc. - Receipt

COPY

MICROFILMED

OCT 13 1988



STATE OF IDAHO DEPARTMENT OF WATER RESOURCES

NORTHERN REGION

A. Kenneth Dunn
Director

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

January 27, 1988

Potlatch Corp.
P. O. Box 1016
Lewiston, Id. 83501

Re: 85-7450

Gentlemen:

During a review of your above-referenced application, it was noted that you have applied for 0.05 CFS of water for domestic use.

This amount is excessive for the intended use and our Department will take steps to reduce the amount to 0.04 CFS which is approximately 18 gpm, unless you can prove to the Director's satisfaction that the excess water is needed.

If we do not hear from you within 20 days, we shall reduce your amount of water to the normal amount which is 0.04 CFS.

If you have any questions, please contact us.

Sincerely,

TOM D. KING
Senior Water Resource Agent

TDK/pms

MICROFILMED

OCT 13 1988

TRIBUNE PUBLISHING COMPANY, INC.

The Lewiston Morning Tribune
505 C St., P.O. Box 957
Lewiston, Idaho 83501
(208) 743-9411

Date 021188 INVOICE No. LD0126585Account No. 96475Description 26585NOTICTimes 2 Lines 37Tab Lines **LEGAL ADVERTISING
INVOICE**

SOLD TO:

STATE OF IDAHO
DEPT. OF WATER RESOURCES
4055 GOVERNMENT WAY
COEURDALENE
ID 83814

\$ 32.38

NOTICE: This is an invoice of Purchase made by you. Statement will be rendered the first of the month.
Please Retain This Invoice as Your Statement Will Refer To Invoice by No. Only.

RECEIVED
FEB 17 1988

Department of Water Resources
Northern District Office

AFFIDAVIT OF PUBLICATION

STATE OF IDAHO, ss.
County of Nez Perce

C. M. Viers

being duly sworn,

deposes and says, I am the Legal Clerk
of the Tribune Publishing Company, a corporation organized and existing
under and by virtue of the laws of the State of Idaho, publishers of the
LEWISTON MORNING TRIBUNE, a newspaper of general circulation
published at Lewiston, Nez Perce County, Idaho; That the said Lewiston
Morning Tribune is an established paper and has been published regular-
ly and issued regularly at least once a day for more than 21 consecutive
years next immediately preceding the first publication of this notice, and
has been so published uninterrupted for said period; that the

NOTICE OF APPLICATION

attached hereto and which is made a part of this affidavit was published in
the said Lewiston Morning Tribune, 2 time(s). Publication be-
ing on 020488

or once a
WEEK for 2 consecutive WEEKS, the first
publication thereof being on the 020488, and the last pub-
lication thereof being on the 021188, and said

NOTICE OF APPLICATION

was so published in the regular and entire issue of said newspaper and
not in a supplement thereof and was so published in every issue and
number of the said paper, during the period and times of publication as
set forth above.

C. M. Viers

SUBSCRIBED AND SWORN BEFORE ME THIS THE 16
day of February 1988

Sheral M. Long

Notary Public in and for the State of Idaho,
residing at Lewiston, therein.

**NOTICE OF APPLICATION
FOR WATER RIGHT**

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

85-7450

POTLATCH CORP.
P.O. BOX 1016, LEWISTON, ID
83501

Source: GROUNDWATER
Diversion Pt: LOT 07 (NWNWSE)
Sec 34 T 37N R 03W

Use: IRRIGATION (0.740 CFS)
DOMESTIC (0.050 CFS)

Date Filed: 01/20/1988

In: SWNE SENE NESE NWSE Sec
34 T 37N R 03W NWSE Sec 34 T 37N
R 03W FOR 37 ACRES

85-7451

MOSER, RANDALL D.
2313 FIRST AVE. N., LEWISTON,
ID 83501

Source: GROUNDWATER
Diversion Pt: LOT 06 (NESWSE)

Sec 04 T 33N R 04W
Use: DOMESTIC (0.010 CFS)

Date Filed: 01/20/1988

In: SWSE Sec 04 T 33N R 04W

The permit(s) will be subject to
all prior water rights. Protests must
be filed with the Director, Dept. of
Water Resources, 4055 Government
Way, Suite 9, Coeur d'Alene, Idaho
83814 on or before FEBRUARY 22,
1988.

R. KEITH HIGGINSON, Dir.

RECEIVED

OCT 13 1988

85-7450

POTLATCH CORP.

P.O. BOX 1016, LEWISTON, ID 83501

Source: GROUNDWATER

Diversion Pt: LOT 07 (NNWSE) Sec 34 T 37N R 03W

Use: IRRIGATION	(0.740 CFS)
DOMESTIC	(0.050 CFS)

Date Filed: 01/20/1988

In: SWNE SENE NESE NNSE Sec 34 T 37N R 03W NWSE Sec 34 T 37N R 03W
FOR 37 ACRES

RECORDED

OCT 13 1988