

02/26/2004

IDAHO DEPARTMENT OF WATER RESOURCES
PRELIMINARY RECOMMENDATION OF WATER RIGHTS ACQUIRED UNDER STATE LAW

RIGHT NUMBER: 25-7475

NAME AND ADDRESS: IDAHO PACIFIC CORP
PO BOX 478
RIRIE ID 83443

SOURCE: GROUND WATER

TRIBUTARY:

QUANTITY: 0.930 CFS
431.100 AFY

PRIORITY DATE: 12/06/1988

POINT OF DIVERSION:

T04N R40E S28 SESW Within JEFFERSON County

PURPOSE AND
PERIOD OF USE:

PURPOSE OF USE

PERIOD OF USE

QUANTITY

INDUSTRIAL

01/01 12/31

0.930 CFS

431.10 AFY

Industrial use is for a potato processing plant and lawn watering.

PLACE OF USE: INDUSTRIAL Within JEFFERSON County

T04N R40E S28 SESW

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.

EXPLANATORY MATERIAL: License

Water used under this right when discharged into a natural channel or subsurface system shall meet Idaho Water Quality Standards.

RIGHT NO. 25-7056 IS ALSO DIVERTED THROUGH POINT OF DIVERSION DESCRIBED ABOVE.

A measuring device of a type approved by this Department shall be maintained as a part of the diverting works.

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SEP 24 2004

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 25-07475

Priority: December 6, 1988

Maximum Diversion Rate:

0.93 CFS

Maximum Diversion Volume:

431.1 AF

This is to certify, that IDAHO PACIFIC CORP
PO BOX 478

RIRIE ID 83443

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated December 6, 1988; and has submitted Proof of Beneficial Use on April 17, 1989. An examination indicates that the works have a diversion capacity of 2.130 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>
INDUSTRIAL	01/01 to 12/31	0.93 CFS	431.1 AF

LOCATION OF POINT(S) OF DIVERSION:

SESW, Sec. 28, Township 04N, Range 40E
JEFFERSON County

PLACE OF USE: INDUSTRIAL

TWN RGE SEC

04N 40E 28

SESW

CONDITIONS OF APPROVAL AND REMARKS

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. Water used under this right when discharged into a natural channel or subsurface system shall meet Idaho Water Quality Standards.
6. Industrial use is for a potato processing plant and lawn watering.
7. Right 25-07056 is also diverted through the point(s) of diversion described above.

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SEP 10 1997

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State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 25-07475

This license is issued pursuant to the provisions of Section 42-219, Idaho Code.
Witness the seal and signature of the Director, affixed at Boise, this 27TH
day of AUGUST, 1997.


Acting for KARL J. DREHER, Director

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MEMORANDUM

TO: File 25-07475

FROM: Sharla

DATE: August 12, 1997

RE: Telecon

On March 14, the plant manager called in response to my letter of 3/12. He explained that there is only one well serving this industrial facility. There were several other wells that he was aware of which had been abandoned. The single well used is by the NE corner of the plant.

I told him that when the approved license is sent out, we will include a reminder suggesting they amend their SRBA claim (25-07056) to reflect a single well.

In July, Cindy Bird spoke with Wally Browning concerning the instantaneous flow and annual volume diverted by their water delivery system. Mr. Browning clarified that the meter turns over every 100 million gallons. In the "daily water usage" table sent to us July 14, the meter obviously turns over several times a year. The highest diversion on the chart (1,038,000) on the 31st of whatever month the readings were taken yields 720 gpm. Thus the combined licenses for 2.13 cfs seems appropriate. Also, the annual volume calculations have been adjusted in line with the daily usage chart (28million gallons/month X 12 months/325,850 = 1031.1 afa minus 600.0 af licensed under 25-07056 is 431.1 afa).

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DAILY WATER USAGE

DAY GALLONS/DAY

1	868,000
2	879,000
3	886,000
4	862,000
5	1,000,000
6	1,038,000
7	1,005,000
8	977,000
9	928,000
10	938,000
11	921,000
12	966,000
13	801,000
14	846,000
15	926,000
16	927,000
17	928,000
18	949,000
19	930,000
20	870,000
21	920,000
22	960,000
23	960,000
24	797,000
25	386,000
26	732,000
27	968,000
28	933,000
29	973,000
30	839,000
31	<u>1,021,000</u>

MONTHLY

TOTAL: 27,934,000

RECEIVED

JUL 14 1997

Department of Water Resources

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED

JAN 22 1996

Department of Water Resources

A. GENERAL INFORMATION

Permit No. 25-7475

1. Owner: IDAHO PACIFIC CORP.

Phone No. (208) 538-6971

Current Address: P.O. BOX 478, KIRIE, ID 83443

2. Accompanied by: RODNEY GALLUP

EXAM DATE: 5/2/95

Address: SAME

Phone No. SAME

Relationship to Permit Holder: PLANT MANAGER

3. Source: GROUND WATER tributary to N/A

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 25-7056

2. Other water rights with the same point of diversion: 25-7056

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	SW	28	4N	R40E	JEFFERSON	U.S.G.S. 7070 MAP

2. Place(s) of Use:

Indicate Method of Determination ON SITE INSP.

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
4N	40E	28																	

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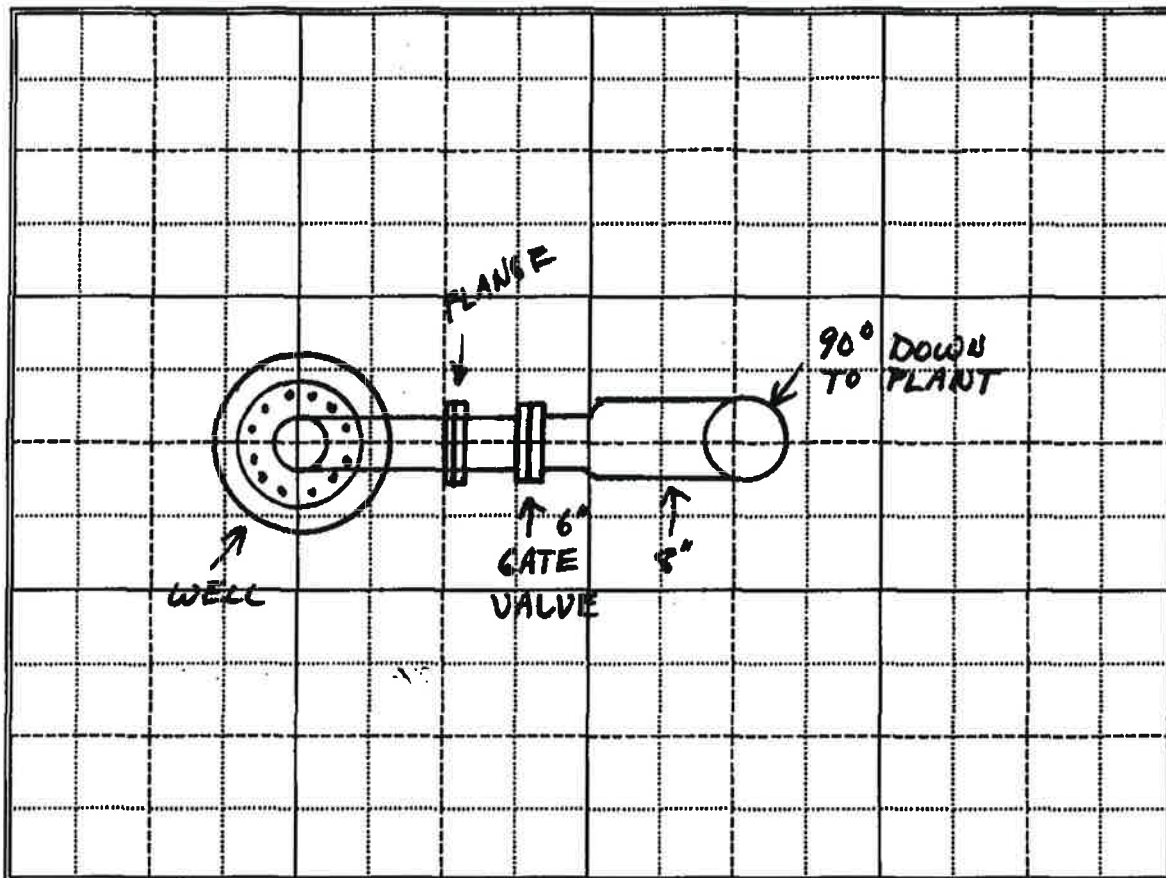
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3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable. *SEE FLOW CHART FOR PLANT*



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
#1		50	SUBMERSIBLE	FRANKLIN	6"

*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
PRESSURE GAGE		U.S. G.			0-160	48 PSI

2. Measurements: NONE

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E. NARRATIVE/REMARKS/COMMENTS

ON 5/2/95 AT APPROXIMATELY 1030 HRS A FIELD EXAM WAS
CONDUCTED ON PERMIT #25-7475.

WATER FOR THIS INDUSTRIAL SYSTEM IS PUMPED OUT OF
A WELL VIA A SUBMERSIBLE 50 HP PUMP. WATER THEN
ENTERS A MANIFOLD SYSTEM WHERE IT IS DIVERTED
OUT TO VARIOUS PLANT PROCESSING AREAS. WATER
IS ALSO USED TO WATER APPROXIMATELY 2 ACRES OF
LAWNS.

WELL:	10" CASING	PUMP:	50 HP SUBMERSIBLE
	643' FEET DEEP		6" OUTPUT
	24' STATIC WATER		48 PSI AT PLANT
			MANIFOLD

PLANT FLOW METER - RAIN BIRD METER

315997.00 GALLONS USED TO DATE 700 GPM GAGE

* PLANT ENGINEER KEN DURRELL

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

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F. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

Measured Method:

$$Q = 2.13 \text{ cfs}$$

$$Q \text{ LIMITED BY PERMIT} \approx 1 \text{ cfs}$$

License 25-07056 now comes from this well; 1.2 cfs licensed
2.15 cfs capacity - 1.2 cfs = 0.93 cfs

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

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

2. Volume Calculations for Other Uses:

$$\text{PLANT DISCHARGE} = 295,000 \text{ GPD} \times 270 \text{ OPERATING DAYS} = 79,650,000 \text{ GALS/YR}$$

$$\frac{79,650,000 \text{ GALS/YR}}{325,850 \text{ GALS/AF}} = 244.4 \text{ AFA}$$

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
INDUSTRIAL	1/1	12/31	1.0 cfs 0.93	244.4
Totals:			1.0 cfs 0.93 cfs	244.4 AFA

2. Recommended Amendments

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

I. AUTHENTICATION

Field Examiner's Name SIMPKINS Date 1/9/96

Reviewer [Signature] Date 1-16-96

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THEORETICAL PUMP FLOW CALCULATIONS

Formula:

$$Q_{cfs} = [(Hp)(8.814)(Eff)] \div [Lift + (psi \times 2.308)]$$

$$\begin{aligned} Hp &= \text{Horsepower} = \underline{50} \\ Eff &= \text{Efficiency} = \underline{.7} \quad (\text{Usually } 70\%) \\ \text{Lift: } &(\text{Static Level} + \text{Assumed Drawdown}) \\ \text{Static Water Level} &= \underline{24} \text{ ft.} \\ \text{Assumed Drawdown} &= + \underline{10} \text{ ft.} \\ \text{Lift} &= \underline{34} \end{aligned}$$

OR

$$\text{Measured Dynamic Water Level} = \underline{\hspace{2cm}} \text{ ft.}$$

$$psi = \text{Operating Pressure} = \underline{48} \text{ psi}$$

$$Q_{cfs} = \left[\frac{50}{Hp} \times 8.814 \times \frac{.70}{Eff} \right] \div \left[\frac{34}{Lift} + \left(\frac{48}{psi} \times 2.308 \right) \right]$$

$$Q_{cfs} = \left[\underline{308.45} \right] \div \left[\underline{144.784} \right]$$

$$Q_{cfs} = \underline{2.13} \text{ cfs}$$

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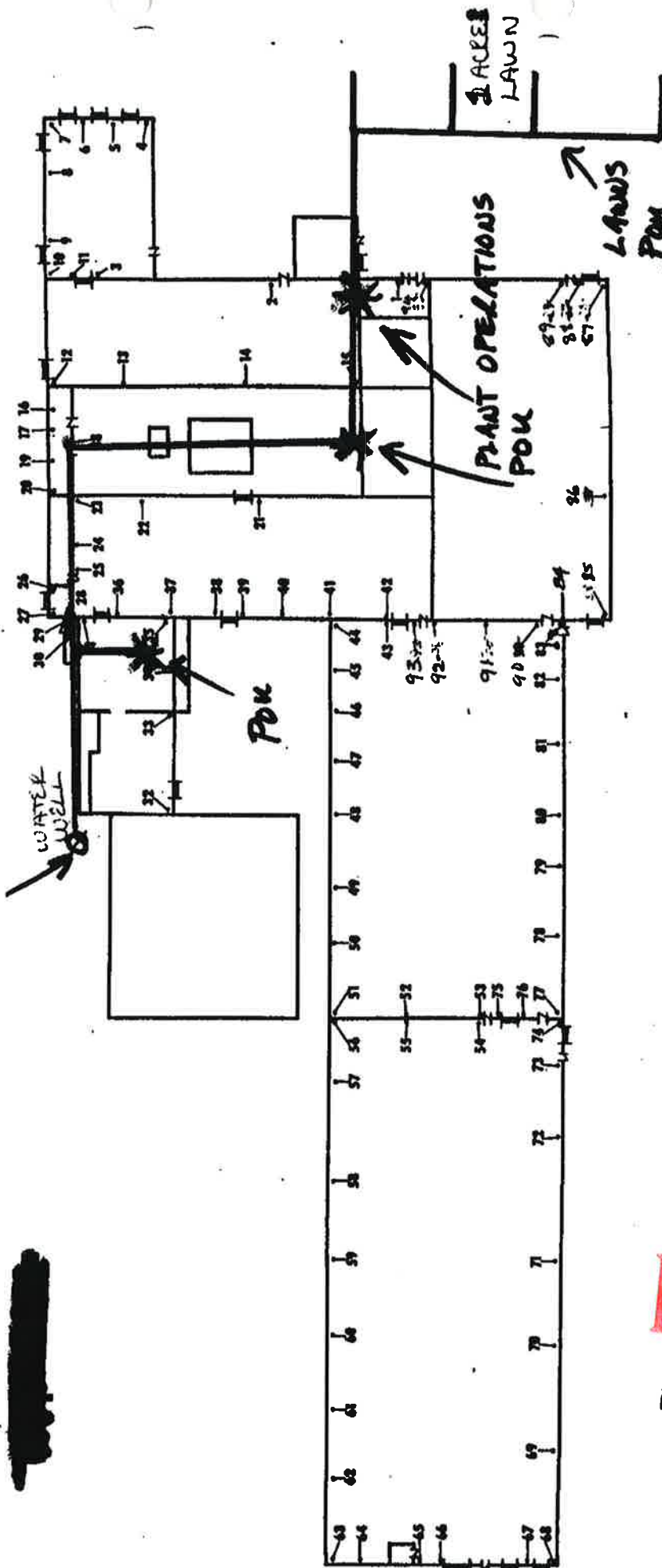
SEP 18 2004

25-07475

WATER SYSTEM USAGE FLOW CHART OF PLANT.

Idaho Pacific

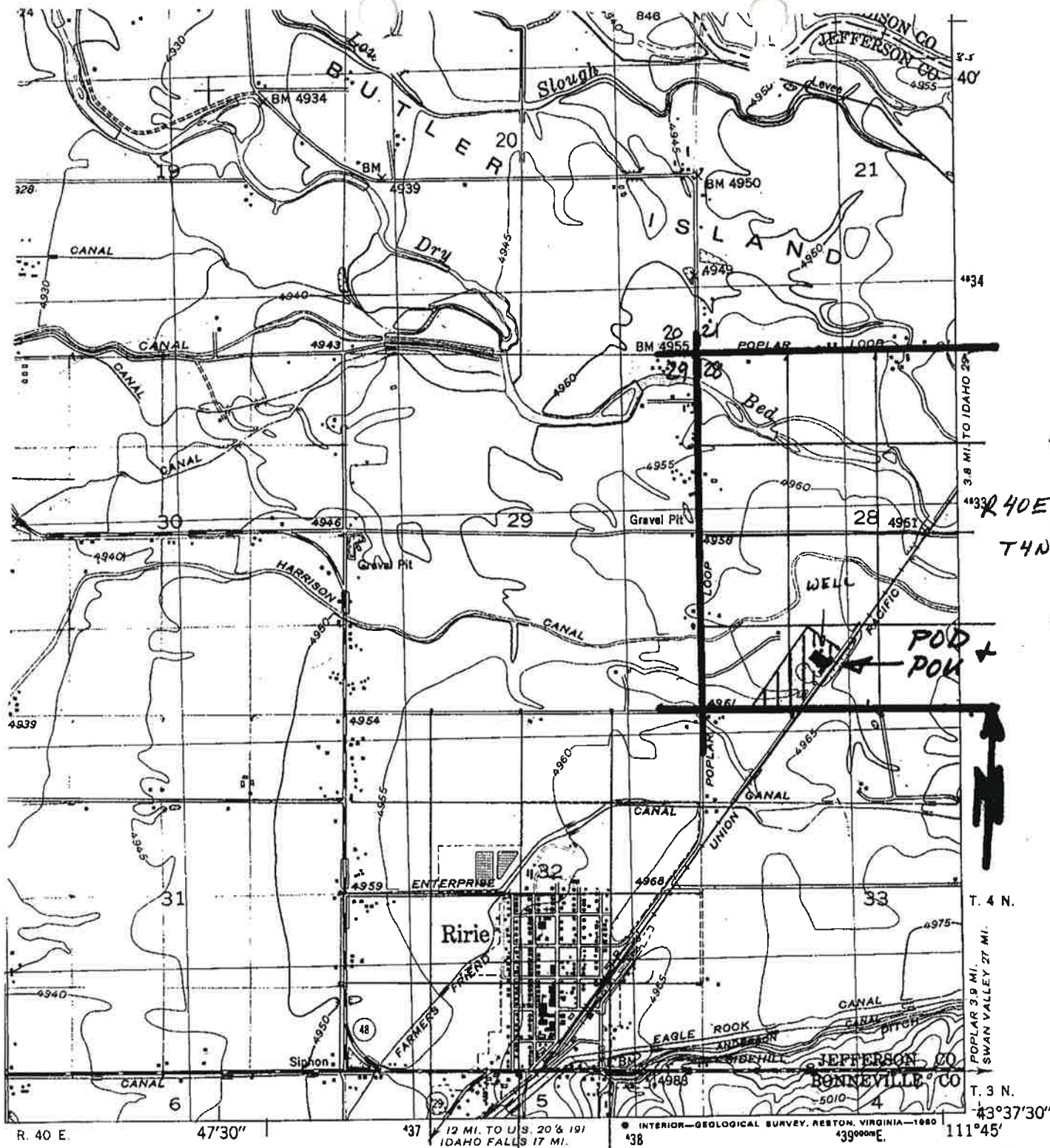
POD
WELL



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1 MILE
6000 7000 FEET
1 KILOMETER

29

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STANDARDS
OR RESTON, VIRGINIA 22092
AVAILABLE ON REQUEST

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QUADRANGLE LOCATION

ROAD CLASSIFICATION

HARD-SURFACE ALL WEATHER ROADS	DRY WEATHER ROADS
Heavy-duty ———— 4 LANE 16 LANE	Improved dirt ————
Medium-duty ———— 4 LANE 16 LANE	Unimproved dirt =====

U. S. Route

State Route

25-07475

X-44

RIRIE, IDAHO
N4337.5-W11145/7.5

Revisions shown in purple and woodland compiled from
aerial photographs taken 1976 and other source data.
This information not field checked. Map edited 1980

SEP 10 1937

1950

PHOTOREVISED 1980
DMA 3671 III NE-SERIES V893

AUG 01 2007

150.00

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE STATE OF IDAHO,
IN AND FOR THE COUNTY OF TWIN FALLS

IN RE THE GENERAL ADJUDICATION
OF RIGHTS TO THE USE OF WATER FROM
THE SNAKE RIVER BASIN WATER SYSTEM.

CIVIL CASE NUMBER: 39576

Ident. Number: A25-07475

Date Received: 5/15/1991

Receipt No: E016082

Received By: DC

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: IDAHO PACIFIC CORP.
Address: P.O. BOX 478
RIRIE, ID

208-538-6971

83443

2. Date of Priority: DEC 6, 1988

3. Source: GROUNDWATER

Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
04N	40E	28	SE	SW			JEFFERSON

5. Description of diverting works:
WELL/PUMP

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
INDUSTRIAL	01/01	12/31	1.000		

7. Total Quantity Appropriated is:
1.000 C.F.S. (and/or)

A.F.A.

8. Total consumptive use is Acre Feet Per Annum.

9. Non-irrigation uses:

I/A FRESH POTATO SHED & DEHYDRATED PROCESSING PLANT

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
04N	40E	28	SE	SW		INDUST	

11. Place of use in counties: JEFFERSON

A2507475



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NOV 07 1992

12. Do you own the property listed above as place of use? YES

13. Other Water Rights Used:
A25-07056

14. Remarks:

15. Basis of Claim: PERMIT

16. Signature(s)

(a.) By signing below, I/We acknowledge that I/We have received, read and understand the form entitled "How you will receive notice in the Snake River Basin Adjudication." (b.) I/We do _____ do not _____ wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments: _____

For Organizations:

I do solemnly swear or affirm that I am Plant Manager of
Title
Idaho Pacific Corp., that I have signed the foregoing
Organization
document in the space below as Plant Manager of
Title
Idaho Pacific Corp. and that the statements contained in the
Organization
foregoing document are true and correct.

Polney Gallup
Signature of Authorized Agent
Plant Manager
Idaho Pacific Corporation
Title and Organization
May 16th, 1991
Date

State of Idaho)
County of Bonneville) SS.

Subscribed and sworn (or affirmed) before me this 16 day
of May 19 91
John C. [Signature]
Notary Public

Seal

Residing at Heise, Id
My Commission Expires 2/26/96

NOV 07 1992