

BOEHRINGER INGELHEIM TECHNICAL SERVICE GROUP DEDICATED TO SERVE YOU

The Technical Service Staff of Anchor Division, Boehringer Ingelheim Animal Health, Inc., offer a blend of actual field experience, industrial knowledge, and communication skills. This dedicated staff serves all aspects of the animal health business where professional attention is required.

IVAN R. NICHOLSON, D.V.M. — Director

Dr. Nicholson is a graduate of Kansas State University School of Veterinary Medicine. Prior to joining Boehringer Ingelheim Animal Health, Dr. Nicholson operated a private practice including feedlot consulting in Holdrege, Nebraska, and worked in the area of research and development for a major animal health company. He is well experienced in all phases of technical service and veterinary drug regulatory affairs.



PHILIP W. GEEDING, D.V.M. — Staff Veterinarian

Dr. Geeding received his degree in Veterinary Medicine from the University of Missouri. Prior to joining Boehringer Ingelheim Animal Health, Dr. Geeding operated private practices in Pittsburg and Atchison, Kansas. He is well experienced in mixed animal practice.



PHILIP W. WIDEL, D.V.M. — Staff Veterinarian

Dr. Widel received his B.S. and D.V.M. degrees from the University of Missouri. Prior to joining Boehringer Ingelheim Animal Health, Dr. Widel operated a private mixed practice in Carthage, Missouri, served as technical service veterinarian for a national feed company, and was Director of Animal Health Marketing for an animal health and farm supply distributor.



DUDLEY SMITH, D.V.M. — Staff Veterinarian

Dr. Smith received both his B.S. and D.V.M. degrees from Colorado State University. Prior to joining Boehringer Ingelheim Animal Health, Dr. Smith was in general practice in Scottsbluff, Nebraska, and also served as feedlot consultant. Dr. Smith represents the technical service staff from Amarillo, Texas, where he serves the feedlot and cow calf industries of the Texas Panhandle and Amarillo area.



Customers who need animal health management information can rely on the Technical Service Staff of Anchor Division for professional attention.

CALL TOLL FREE 1-800-821-7467

ANCHOR TECHNICAL SERVICE

ANCHOR

Veterinary Handbook

1985

19TH EDITION

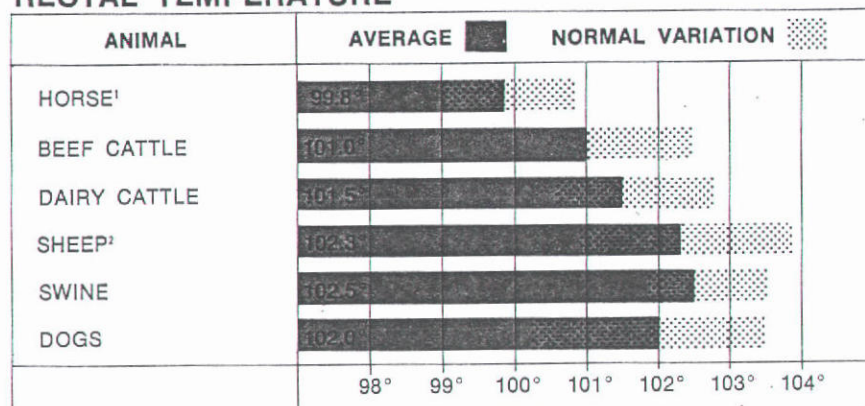
A reference of
animal health problems
and product selection
for the livestock producer

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Anchor Division
Boehringer Ingelheim Animal Health, Inc.
St. Joseph, Missouri 64502 U.S.A.

TEMPERATURE HEAT PERIOD GESTATION

RECTAL TEMPERATURE



¹ Body temperature higher in young, lower in old age.

² Body temperature higher when in full fleece.

HEAT PERIOD OF ANIMALS

Animal	Duration of Heat Period		Regularity of Heat Days Cycle		First Occurrence After Parturition
	Range	Average	Average	Variation	
Mare	2-11 days	6 days	22	16 to 30	3 to 15 days
Cow	8-30 hours	16 hours	21	18 to 24	30 to 60 days
Sow	1-5 days	2-3 days	21	18 to 24	1 to 8 weeks
Ewe	1-3 days	35 hours	16½	14 to 20	Depends upon breed, environment, and management
Goat	2-3 days	2½ days	21	15 to 24	
Bitch	4-13 days	9 days	Usually once during each seasonal period		
Cat	7-21 days				

APPROXIMATE PERIODS OF PREGNANCY (days)

Animal	Range	Average
Mare	329 - 346	336
Cow	274 - 291	282
Sow	110 - 116	113
Ewe	140 - 160	150
Goat	140 - 160	151
Bitch	58 - 63	60
Cat		64

CATTLE

WEIGHT	350 lbs.	500 lbs.	750 lbs.	1000 lbs. and over
Feed (lbs.) per day	1-10	5-14	to 20	to 22
Water (gals.) per day	1-5	2-6	10-15	20 or more

HOGS

WEIGHT	25 lbs.	50 lbs.	75 lbs.	100 lbs.	150 lbs.	200 lbs.
Feed (lbs.) per day	1½	3	4½	5½	6¾	7½
Water (gals.) per day	¼ to ¾	½ to ¾	¾ to 1	1 to 1¼	1¼ to 1½	1¼ to 1½

SHEEP

WEIGHT	Young Lambs	20 lbs.	40-60 lbs.	60-100 lbs.	100-200 lbs.
Feed (lbs.) per day	¼ to ½	1-2	1-3	1-5	1-6
Water (gals.) per day	½	½-1	1-3	1-3	1-4

POULTRY (Chickens)

AGE	2 wks.	4 wks.	8 wks.	Laying
Feed (lbs.) per day/100 birds	3-4	5-6	13-15	20-30
Water (gals.) per day/100 birds	½-1	1.2 to 2	3-3½	5-7

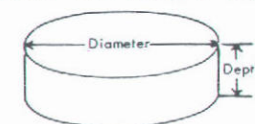
TURKEYS

AGE	1 wk.	4 wks.	8 wks.	16 wks.	24 wks.
Feed (lbs.) per day/100 birds	1½	10	24	48	67
Water (gals.) per day/100 birds	1	3½	7½	17	17

HOW TO FIGURE THE GALLON CAPACITY OF WATER TANKS

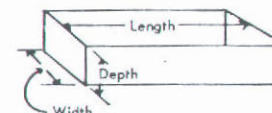
Round or Circular Tank

To find gal. capacity:
diam. × diam. × depth
× 5.86 = gals.



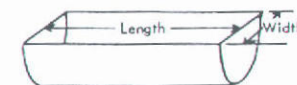
Rectangular Tank or Trough

To find gal. capacity:
Width × depth × length
× 7.46 = gals.



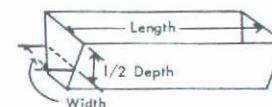
Curved Bottom Trough

To find gal. capacity:
Width × width × length
× 2.93 = gals.



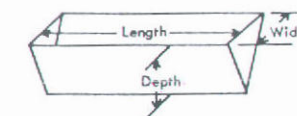
Slanting Sides Trough

To find gal. capacity:
Width (meas. at ½ of depth) × depth × length
× 7.46 = gals.



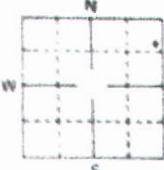
V Sides Trough

To find gal. capacity:
Width × depth × length
× 3.73 = gals.



After you have figured the gallonage of your tanks be sure to paint it on each tank.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORTUSE TYPEWRITER OR
BALLPOINT PENState 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.

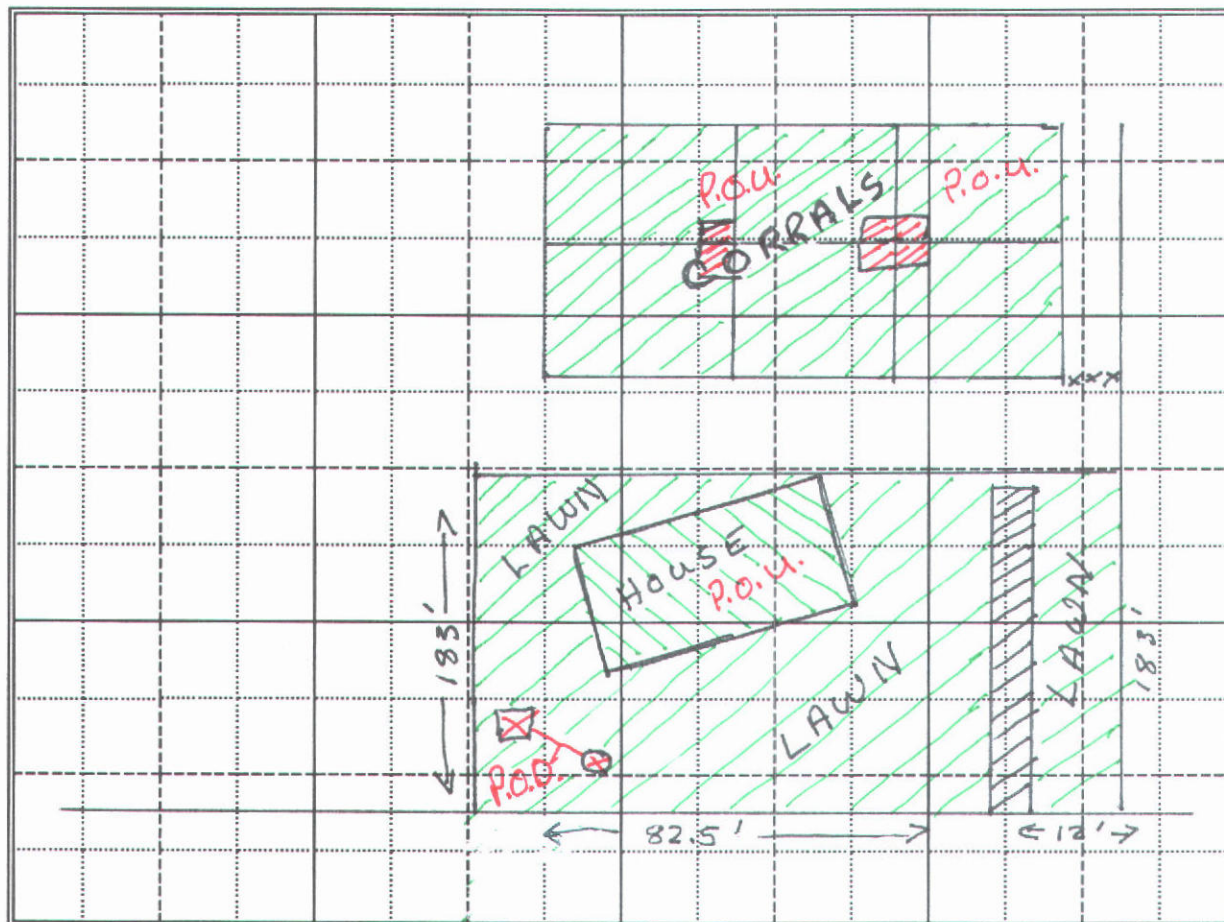
1. WELL OWNER Name <u>Richard Knauss</u> Address <u>Paul Idaho</u> Owner's Permit No. _____		7. WATER LEVEL Static water level <u>1.2</u> feet below land surface. Flowing? ☐ Yes ☐ No G.P.M. flow _____ Artesian closed in pressure _____ p.s.i. Controlled by: ☐ Valve ☐ Cap ☐ Plug Temperature _____ °F. Quality _____																																																																																																																																																																																																																																																																																																																							
2. NATURE OF WORK ☒ New well ☐ Deepened ☒ Replacement ☐ Abandoned (describe method of abandoning) _____		8. WELL TEST DATA ☒ Pump ☐ Bailer ☐ Air ☐ Other _____ <table border="1"><thead><tr><th>Discharge G.P.M.</th><th>Pumping Level</th><th>Hours Pumped</th></tr></thead><tbody><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></tbody></table>		Discharge G.P.M.	Pumping Level	Hours Pumped																																																																																																																																																																																																																																																																																																																			
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3. PROPOSED USE ☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other _____ (specify type) _____		9. LITHOLOGIC LOG <table border="1"><thead><tr><th rowspan="2">Hole Diam.</th><th colspan="2">Depth</th><th rowspan="2">Material</th><th colspan="2">Water</th></tr><tr><th>From</th><th>To</th><th>Yes</th><th>No</th></tr></thead><tbody><tr><td>1</td><td>0</td><td>1</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>2</td><td>1</td><td>2</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>3</td><td>2</td><td>3</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>4</td><td>3</td><td>4</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>5</td><td>4</td><td>5</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>6</td><td>5</td><td>6</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>7</td><td>6</td><td>7</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>8</td><td>7</td><td>8</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>9</td><td>8</td><td>9</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>10</td><td>9</td><td>10</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>11</td><td>10</td><td>11</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>12</td><td>11</td><td>12</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>13</td><td>12</td><td>13</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>14</td><td>13</td><td>14</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>15</td><td>14</td><td>15</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>16</td><td>15</td><td>16</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>17</td><td>16</td><td>17</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>18</td><td>17</td><td>18</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>19</td><td>18</td><td>19</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>20</td><td>19</td><td>20</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>21</td><td>20</td><td>21</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>22</td><td>21</td><td>22</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>23</td><td>22</td><td>23</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>24</td><td>23</td><td>24</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>25</td><td>24</td><td>25</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>26</td><td>25</td><td>26</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>27</td><td>26</td><td>27</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>28</td><td>27</td><td>28</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>29</td><td>28</td><td>29</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>30</td><td>29</td><td>30</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>31</td><td>30</td><td>31</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>32</td><td>31</td><td>32</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>33</td><td>32</td><td>33</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>34</td><td>33</td><td>34</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>35</td><td>34</td><td>35</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>36</td><td>35</td><td>36</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>37</td><td>36</td><td>37</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>38</td><td>37</td><td>38</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>39</td><td>38</td><td>39</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>40</td><td>39</td><td>40</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>41</td><td>40</td><td>41</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>42</td><td>41</td><td>42</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>43</td><td>42</td><td>43</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>44</td><td>43</td><td>44</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>45</td><td>44</td><td>45</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>46</td><td>45</td><td>46</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>47</td><td>46</td><td>47</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>48</td><td>47</td><td>48</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>49</td><td>48</td><td>49</td><td>Gravel</td><td></td><td>X</td></tr><tr><td>50</td><td>49</td><td>50</td><td>Gravel</td><td></td><td>X</td></tr></tbody></table>		Hole Diam.	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4. METHOD DRILLED ☐ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary ☒ Cable ☐ Dug ☐ Other _____		10. Work started <u>4-25-83</u> finished <u>5-10-83</u>																																																																																																																																																																																																																																																																																																																							
5. WELL CONSTRUCTION Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____ <table border="1"><thead><tr><th>Thickness</th><th>Diameter</th><th>From</th><th>To</th></tr></thead><tbody><tr><td>2.12 inches</td><td>5 inches</td><td>1</td><td>12.2</td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </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"><thead><tr><th>Number</th><th>From</th><th>To</th></tr></thead><tbody><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></tbody></table> Well screen installed? ☐ Yes ☒ No Manufacturer's name _____ Type _____ 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>30</u> Material used in seal: ☐ Cement grout ☒ Puddling clay ☐ Well cuttings 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 _____		Thickness	Diameter	From	To	2.12 inches	5 inches	1	12.2																	Number	From	To										11. DRILLERS CERTIFICATION I/We certify that all minimum well construction standards were complied with at the time the rig was removed. Firm Name <u>McDonnell</u> Firm No. <u>83</u> Address <u>Paul Idaho</u> Date <u>5-16-83</u> Signed by (Firm Official) <u>McDonnell</u> and (Operator) <u>Robert Williams</u>																																																																																																																																																																																																																																																																																			
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6. LOCATION OF WELL Sketch map location must agree with written location.  Subdivision Name _____ Lot No. _____ Block No. _____ County <u>IDAHO</u> U.S. & Sec. 30, T. _____, R. _____, S. _____																																																																																																																																																																																																																																																																																																																									

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

BC

36-08444

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



Scale: 1" = Not to scale

____ 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
	Dubert X-T	1		STA	W-K

*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
390L Bucket						

2. Measurements: (3) Three timed Fills @ 1=10 sec 2=10 sec 3=10 sec
18 GPM = .04 cfs.

OCT 27 1995

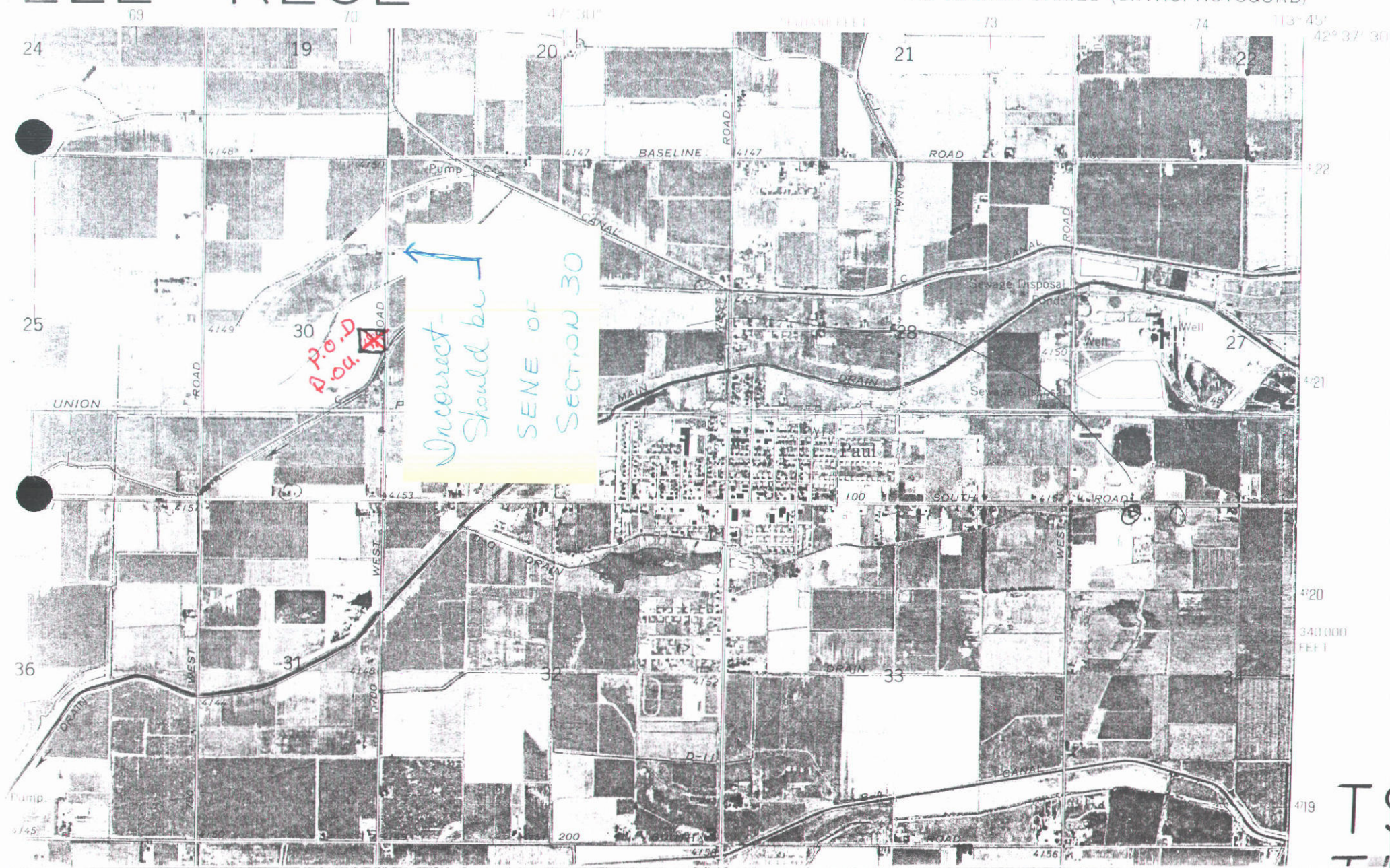
BB 78

NOV 27 1977

22E R23E

BURLEY SE QUADRANGLE
IDAHO

7.5 MINUTE SERIES (ORTHOPHOTOQUAD)



42° 20'
340,000
FEET

TS
T

4472
Sec. 18.
369132

Sec. 17.
640

$$12 \div 3 = 4$$

80

NO. 17

456

1. 83'50"

42.63

869°58'W

80 088

24

50

Nov. 19.
 340.84

Sec. 20.
640

450

80

MANUSCRIPT

4518

1999

WE 57-

8050

500

Seite 30

See 29

OCT 27 1995



P.O.U.
DOMESTIC

Pressure TANKS
(Buried) 60 gal. ←
(COVERED)



P.O.D.
SEP 27 1995



P.O.U.
STOCKWATER
COMPONENT



10-19-95

OCT 27 1995

P.O.U.
DOMESTIC



ANALYSIS SHEET
FOR
PROOF OF BENEFICIAL USE

Permit No. 36-08444

Reviewed by Klg

Date 1/3/92

GENERAL CONSIDERATIONS

yes Name same as permit?
yes Address same as permit?
no Proof timely received? If not, complete calculation below.

SOURCE OF WATER

 Surface water source
✓ Ground water source
NA Drilling permit required?
1983 Copy in the file? Drilling Permit No.
 Amount paid for permit Correct?
 Well log in the file?

LICENSE EXAMINATION FEE

yes Required?
50.00 Amount Submitted
yes Correct?

MEASURING DEVICE

NA Required?
1 Installed?
 Waiver requested?

PRIORITY CALCULATION

Date proof received 1/3/92 3
Date proof due 1/1/92 - 1
No. of days late = 2
Priority Date 9/20/89 + 263
New Priority Date 9/22/89 265

DEFICIENCIES OR ACTION ITEMS

indicates \$50 fee not enclosed
department error discovered 1/9/92

proof acceptable

DATA ENTRY

New Address

Proof Made 2/12/92
2/14/92 HLL

SOUTH IDAHO PRESS

BURLEY, IDAHO

AFFIDAVIT OF PUBLICATION

County of Cassia,)
) ss.
STATE OF IDAHO)

Lannette Sellers being first

duly sworn, deposes and says that she is the

Clerk of the South Idaho Press, a daily newspaper published at Burley, Idaho, in the county aforesaid and that the paper is of general circulation therein. Deponent further states that the printed notice attached hereto was duly published according to law in the regular editions of

The South Idaho Press for two (2)

consecutive weeks, commencing with the issue

dated October 5, 1989, and ending

with the issue dated October 12, 1989

Lannette Sellers

89-542

NOTICE OF APPLICATION FOR WATER RIGHT

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

36-08444

KRAUS, RICHARD

KRAUS, SHAUNA

RT. 1 BOX 1034

PAUL, ID 83347

Source: GROUNDWATER

Diversification Pt: NESENE Sec 30 T 09S R 23E

Use: IRRIGATION (.040 CFS)

DOMESTIC (.040 CFS)

STOCKWATER (.040 CFS)

Date Filed: 9/20/1989

In: T09S R23E S30 SENE

1.5 ACRES TOTAL

The permit(s) will be subject to all prior water rights. Protests may be submitted based on the criteria of Sec. 42-203A, Idaho Code and/or the new public interest criteria of Sec. 42-203C, Idaho Code. Protests must be filed with the Director, Dept. of Water Resources, 2148 4th Avenue East, Twin Falls, Idaho 83301 on or before OCTOBER 23, 1989.

R. Keith Higginson, Director
Published in the South Idaho Press on October 5 and 12, 1989.

STATE OF IDAHO

COUNTY OF

On this 25th day of October in the year of 1989, before me,

a Notary Public, personally appeared Lannette Sellers

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.

Dolores Mabey
Notary Public for Idaho

Residing at Burley, ID

My commission expires: 12/4/93

Cost of Publication 30.72

Notary Fee 1.50

Total Cost 31.22

RECEIVED

OCT 27 1989

Department of Water Resources
Southern Region Office

OK
MB
10/30/89

MICROFILMED

FEB 16 1990

State of Idaho
Department of Water Resources

AMENDED

WATER RIGHT LICENSE

AMENDED

WATER RIGHT NO. 36-08444

Priority: September 22, 1989

Maximum Diversion Rate:

0.04 CFS

Maximum Diversion Volume:

1.9 AF

This is to certify, that RICHARD KRAUS
SHAUNA KRAUS

RT 1 BOX 1034

PAUL ID 83347

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated September 20, 1989; and has submitted Proof of Beneficial Use on January 3, 1992. An examination indicates that the works have a diversion capacity of 0.040 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>
STOCKWATER	01/01 to 12/31	0.01 CFS	0.7 AF
DOMESTIC	01/01 to 12/31	0.04 CFS	1.2 AF
	Totals	0.04 CFS	1.9 AF

LOCATION OF POINT(S) OF DIVERSION:

SENE , Sec. 30, Township 09S, Range 23E
MINIDOKA County

PLACE OF USE: STOCKWATER

TWN RGE SEC

09S 23E 30

SENE

PLACE OF USE:

DOMESTIC, same as STOCKWATER use

CONDITIONS OF APPROVAL AND REMARKS

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. Stockwater use is for 30 range cattle.
6. Domestic use is for 1 home.

RECORDED
DEC 20 1995

State of Idaho
Department of Water Resources

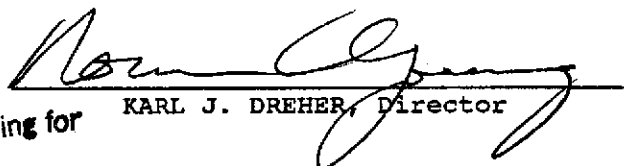
AMENDED

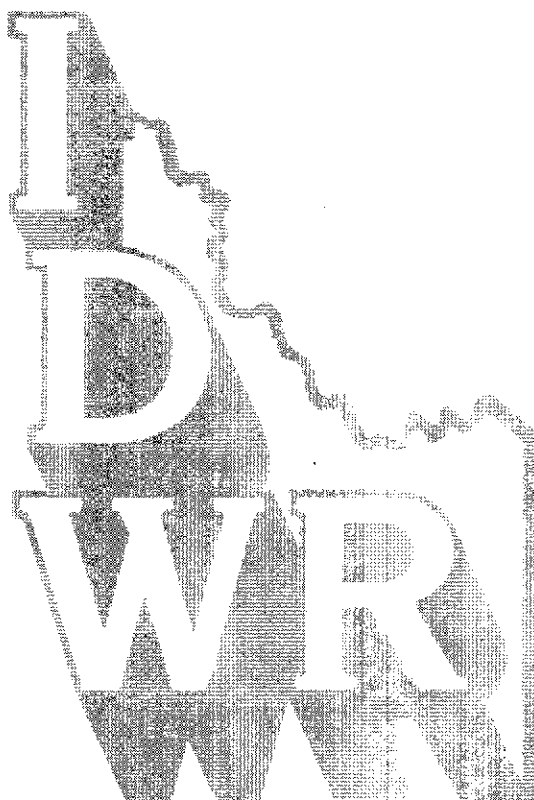
AMENDED

WATER RIGHT LICENSE

WATER RIGHT NO. 36-08444

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 12TH
day of DECEMBER, 1995


Acting for KARL J. DREHER, Director



DEC 20 1995

DEC 20 1995

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 36-08444

Priority: September 22, 1989

Maximum Diversion Rate:

0.04 CFS

Maximum Diversion Volume:

1.6 AF

This is to certify, that RICHARD KRAUS
SHAUNA KRAUS

RT 1 BOX 1034

PAUL ID 83347

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated September 20, 1989; and has submitted Proof of Beneficial Use on January 3, 1992. An examination indicates that the works have a diversion capacity of 0.040 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>
STOCKWATER	01/01 to 12/31	0.01 CFS	0.4 AF
DOMESTIC	01/01 to 12/31	0.04 CFS	1.2 AF
	Totals	0.04 CFS	1.6 AF

LOCATION OF POINT(S) OF DIVERSION:

SENE , Sec. 30, Township 09S, Range 23E
MINIDOKA County

PLACE OF USE: STOCKWATER

TWN RGE SEC

09S 23E 30

SENE

PLACE OF USE:

DOMESTIC, same as STOCKWATER use

CONDITIONS OF APPROVAL AND REMARKS

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. Stockwater use is for 30 range cattle.
6. Domestic use is for 1 home.

OCT 27 1995

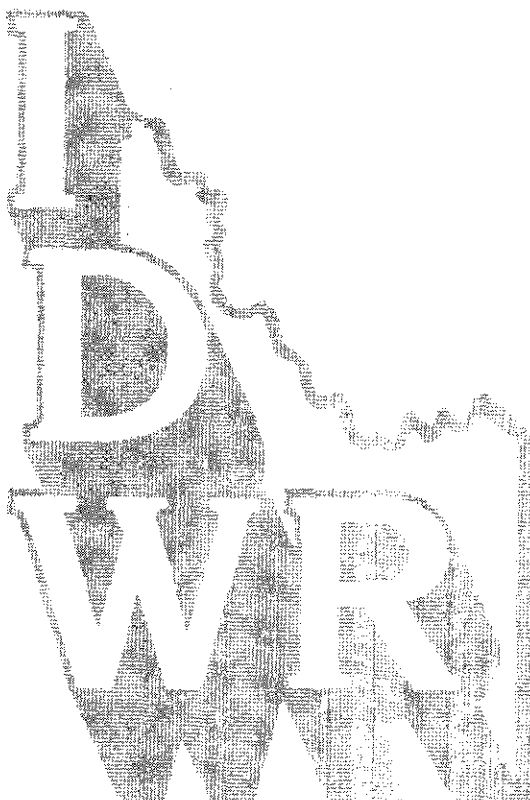
State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 36-08444

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 18TH
day of OCTOBER, 1995.


Acting for KARL J. DREHER, Director



RECEIVED
OCT 17 1995

MAR 05 1992

Form 2
03/86

RECEIVED

RECEIVED
FEB 7 1992

For Office Use Only
Fee Received _____
Date _____
Receipt # _____
Receipt by _____
Reviewed by _____
Sent to region _____

Department of Water Resources

STATE OF ID Department of Water Resources

DEPARTMENT OF WATER RESOURCES

PROOF OF BENEFICIAL USE

The Idaho Department of Water Resources will consider this form as a statement that the permit holder(s) has 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. P36-08444

Name(s) of Permit Holder: Richard Kraus or Shauna Kraus

Post Office Address: Rt. #1 Box 1034 Paul, Id. 83347

Telephone No. 438-5995

Source of Water: groundwater

Extent of Use:

Domestic 1 (number of households)

Irrigation 1 (acres)

Stockwater 50 cows (number and type of stock)

Other/Back DUST CONTROL for CATTLE

15,000 sq. Ft.

Total rate and/or volume for which proof is submitted 12 CFS cfs _____ acre-feet

Show the date water was first diverted and beneficially used under this permit: Sept-20, 1989

Measuring Device: Required? Yes ☒ No
Installed? Yes ☒ No

Fee enclosed \$ 50.00
(See License Examination Fee Schedule)

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

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

Richard Kraus

(Name)

438-5995

(Telephone Number)

Rt. #1 Box 1034 Paul, Id. 83347

(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.

12/29/91

Date

R Kraus owner

Signature of Permit Holder (and title, if appropriate)

MAR 05 1992

STATE OF IDAHO

For Office Use Only
\$15 FEE Received by
Date 12-31-90
Receipt # 0019246

RECEIVED

DEPARTMENT OF WATER RESOURCES

DEC 28 1990

REQUEST FOR EXTENSION OF TIME

TO PROVIDE ADDITIONAL TIME IN WHICH TO SUBMIT PROOF OF
BENEFICIAL USE FOR A WATER RIGHT PERMIT

Department of Water Resources

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. P36-08444

Name(s) of Permit Holder: Richard Kraus / Shauna Kraus

Post Office Address: Rt #1 Box 1034

Paul, Id. Telephone No. 438-5995

Date Proof is Due: 1/1/91

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".)

Well has been drilled. Now irrigating 3/4 Acre.
Also have installed 300' stockwater piping And
trough.

Costing \$ 4500.00

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

Not enough time to complete the project.

Permit holder(s) request an extension to 1/1, 1992.
(1 yr. minimum)

R. Kraus

(Signature)*

FEE: \$15.00

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

ACTION OF THE DEPARTMENT OF WATER RESOURCES

IT IS HEREBY ORDERED that the request for extension of time be APPROVED and the time within which to submit proof of beneficial use is extended to January 1, 1992.

RECEIVED

MAR 05 1991

Signed this 31 day of January, 19 91

J. Glen Saxton
Chief, Water Allocation Bureau

State of Idaho
Department of Water Resources
Permit To Appropriate Water

NO. 36-08444

Proposed Priority: September 20, 1989 Maximum Diversion Rate: 0.12 CFS

This is to certify, that **SHAUNA KRAUS**
RICHARD KRAUS
RT. 1 BOX 1034
PAUL, ID 83347

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

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>
IRRIGATION	03/15 to 11/15	0.04 CFS
STOCKWATER	01/01 to 12/31	0.04 CFS
DOMESTIC	01/01 to 12/31	0.04 CFS
Totals		0.12 CFS

LOCATION OF POINT(S) OF DIVERSION: NESENE Sec. 30, Township 09S, Range 23E
MINIDOKA 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>
09S	23E	30	SENE	1.5		1.5

Total number of acres irrigated: 1.5

PLACE OF USE: STOCKWATER, same as IRRIGATION use

PLACE OF USE: DOMESTIC, same as IRRIGATION use

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before January 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 0.03 cubic feet per second for each acre of land.
5. Domestic use is for 1 home.

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

4th day of January, 1990

RECORDED

FEB 16 1990

[Signature]
for R. Keith Higginson, Director

RECEIVED
SEP 20 1989
Form 202
6/85

Department of Water Resources

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

Ident. No. 36-08444

To appropriate the public waters of the State of Idaho

1. Name of applicant Richard ^{OR} Shauna Kraus Phone (208) 438-5995

Post office address Rt. 1 Box 1034, Paul, ID 83347

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

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

Sec. 30 Township 9S Range 23E B.M. Minichka County; additional

points of diversion if any: _____

4. Water will be used for the following purposes:

Amount .04 for IRRIGATION purposes from 3-15 to 11-15 (both dates inclusive)
(cfs ~~acre-feet per annum~~)

Amount .04 for Domestic purposes from Jan 1 to Dec 31 (both dates inclusive)
(cfs ~~acre-feet per annum~~)

Amount .04 for Stock water purposes from Jan 1 to Dec 31 (both dates inclusive)
(cfs ~~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) .12 and/or (b) _____
cubic feet per second acre feet per annum

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. Existing well + pump

6" X 128' drilled in 5-10-1983; replaced 1976

Sandpoint well + pump.

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. ^{existing} Proposed well diameter is 6" inches; ^{existing} proposed depth of well is 150 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).

FEB 16 1990

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. 30 Beef cows
- c. Municipal; show name of municipality. _____
- d. Domestic; show number of households. 1 Household
- e. Other; describe fully. _____

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	
9S	23E	30				1.5													1.5
						D, S													

Total number of acres to be irrigated 1.5

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? Applicant
- b. Who owns the land to be irrigated or place of use? SAME
- 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: _____

MICROFILMED

FEB 16 1990

of use, section number,

MICROFILMED

FEB 16 1990

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

Richard Kraus

(Applicant)

Received by SCC Date 9/20/89 Time 9:30 AM Preliminary check by J.F. Stanton
Fee \$ 30⁰⁰ Receipted by SCC # M004509 Date 9/20/89
Publication prepared by M. Baldwin Date 9/25/89 Published in So. ID. Press
Publication approved M. Baldwin Date 10/30/89

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:

RECEIVED

FEB 16 1990



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

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

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

December 13, 1995

RICHARD KRAUS
SHAUNA KRAUS
RT 1 BOX 1034
PAUL ID 83347

RE: WATER RIGHT NO. 36-08444

Dear Water Right Holder(s):

Enclosed is a copy of the Amended 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

RECEIVED

DEC 20 1995

MEMORANDUM

DATE: December 8, 1995

TO: File 36-08444

FROM: Shelley W. Keen *SWK*

RE: Recommendation to amend license 36-08444

Mr. Kraus, holder of license 36-08444, requested that the Director raise the diversion volume for stockwater on the license. The Administrator's Memorandum designated Application Processing No. 3 calls for licensing stockwater rights for 26-50 range cattle at 0.7 AF/yr. The stockwater portion of right 36-08444 is for 30 range cattle. Therefore, I recommend that the license be amended to authorize 0.7 AF/yr for stockwater.

RECORDED

DEC 20 1995

Richard Kraus
Rt. # 1, Box 1034
Paul, Idaho 83347

RECEIVED

NOV 24 1995

Department of Water Resources

21 November 1995

Shelley W. Keen
Water Rights Supervisor
Idaho Department of Water Resources
1301 North Orchard Street
Boise, Idaho 83706

RE: Water right no.36-08444

Dear Mr. Keen:

I appreciate the time and attention that you gave me during our telephone discussion of this water right.

Pursuant to that conversation you will find that I have enclosed photocopies of several pages of the *Anchor Veterinary Handbook*, 1985 edition, which support my contention that a mature cow consumes 20 gallons+ of water per day. (For your convenience, I have underlined the appropriate passage in green ink).

Therefore, I believe that this water right should be adjusted to reflect a usage of at least 20 gallons per day per head.

Thank you for your consideration of this matter.

Sincerely,



Richard Kraus
Enclosures

MICROFILMED
DEC 20 1995

BOEHRINGER INGELHEIM TECHNICAL SERVICE GROUP DEDICATED TO SERVE YOU

The Technical Service Staff of Anchor Division, Boehringer Ingelheim Animal Health, Inc., offer a blend of actual field experience, industrial knowledge, and communication skills. This dedicated staff serves all aspects of the animal health business where professional attention is required.

IVAN R. NICHOLSON, D.V.M. — Director

Dr. Nicholson is a graduate of Kansas State University School of Veterinary Medicine. Prior to joining Boehringer Ingelheim Animal Health, Dr. Nicholson operated a private practice including feedlot consulting in Holdrege, Nebraska, and worked in the area of research and development for a major animal health company. He is well experienced in all phases of technical service and veterinary drug regulatory affairs.



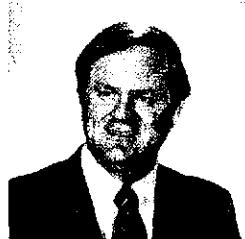
PHILIP W. GEEDING, D.V.M. — Staff Veterinarian

Dr. Geeding received his degree in Veterinary Medicine from the University of Missouri. Prior to joining Boehringer Ingelheim Animal Health, Dr. Geeding operated private practices in Pittsburg and Atchison, Kansas. He is well experienced in mixed animal practice.



PHILIP W. WIDEL, D.V.M. — Staff Veterinarian

Dr. Widel received his B.S. and D.V.M. degrees from the University of Missouri. Prior to joining Boehringer Ingelheim Animal Health, Dr. Widel operated a private mixed practice in Carthage, Missouri, served as technical service veterinarian for a national feed company, and was Director of Animal Health Marketing for an animal health and farm supply distributor.



DUDLEY SMITH, D.V.M. — Staff Veterinarian

Dr. Smith received both his B.S. and D.V.M. degrees from Colorado State University. Prior to joining Boehringer Ingelheim Animal Health, Dr. Smith was in general practice in Scottsbluff, Nebraska, and also served as feedlot consultant. Dr. Smith represents the technical service staff from Amarillo, Texas, where he serves the feedlot and cow calf industries of the Texas Panhandle and Amarillo area.



Customers who need animal health management information can rely on the Technical Service Staff of Anchor Division for professional attention.

CALL TOLL FREE 1-800-821-7467

ANCHOR TECHNICAL SERVICE

ANCHOR

Veterinary Handbook

1985

19TH EDITION

A reference of
animal health problems
and product selection
for the livestock producer

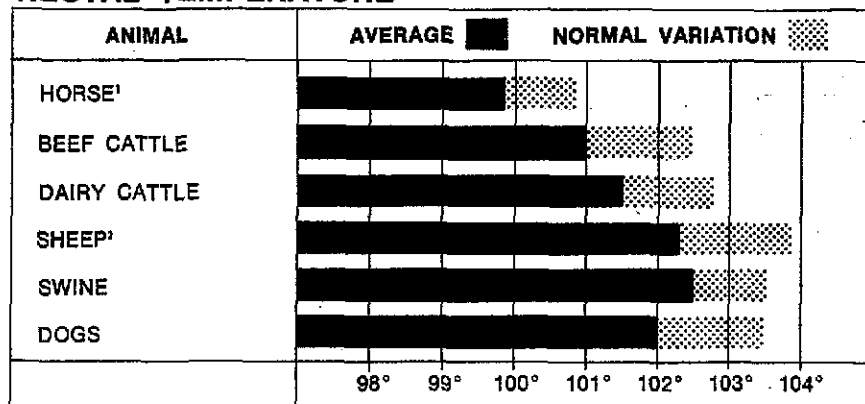
© Boehringer Ingelheim Animal Health, Inc. — 1985

Anchor Division
Boehringer Ingelheim Animal Health, Inc.
St. Louis, Missouri 63102 U.S.A.

DEC 20 1995

TEMPERATURE HEAT PERIOD GESTATION

RECTAL TEMPERATURE



¹ Body temperature higher in young, lower in old age.

² Body temperature higher when in full fleece.

HEAT PERIOD OF ANIMALS

Animal	Duration of Heat Period		Regularity of Heat Days Cycle		First Occurrence After Parturition
	Range	Average	Average	Variation	
Mare	2-11 days	6 days	22	16 to 30	3 to 15 days
Cow	8-30 hours	16 hours	21	18 to 24	30 to 60 days
Sow	1-5 days	2-3 days	21	18 to 24	1 to 8 weeks
Ewe	1-3 days	35 hours	16½	14 to 20	Depends upon breed, environment, and management
Goat	2-3 days	2½ days	21	15 to 24	
Bitch	4-13 days	9 days	Usually once during each seasonal period		
Cat	7-21 days				

APPROXIMATE PERIODS OF PREGNANCY (days)

Animal	Range	Average
Mare	329 - 346	336
Cow	274 - 291	282
Sow	110 - 116	113
Ewe	140 - 160	150
Goat	140 - 160	151
Bitch	58 - 63	60
Cat		64

CATTLE

(APPROXIMATE FIGURES)

WEIGHT	350 lbs.	500 lbs.	750 lbs.	1000 lbs. and over
Feed (lbs.) per day	1-10	5-14	to 20	to 22
Water (gals.) per day	1-5	2-6	10-15	20 or more

HOGS

WEIGHT	25 lbs.	50 lbs.	75 lbs.	100 lbs.	150 lbs.	200 lbs.
Feed (lbs.) per day	1½	3	4½	5½	6¾	7½
Water (gals.) per day	¼ to ¾	½ to ¾	¾ to 1	1 to 1¼	1¼ to 1½	1½ to 1¾

SHEEP

WEIGHT	Young Lambs	20 lbs.	40-60 lbs.	60-100 lbs.	100-200 lbs.
Feed (lbs.) per day	¼ to ½	1-2	1-3	1-5	1-6
Water (gals.) per day	½	½-1	1-3	1-3	1-4

POULTRY (Chickens)

AGE	2 wks.	4 wks.	8 wks.	Laying
Feed (lbs.) per day/100 birds	3-4	5-6	13-15	20-30
Water (gals.) per day/100 birds	½-1	1.2 to 2	3-3½	5-7

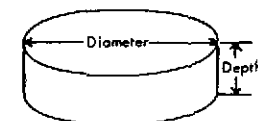
TURKEYS

AGE	1 wk.	4 wks.	8 wks.	16 wks.	24 wks.
Feed (lbs.) per day/100 birds	1½	10	24	48	67
Water (gals.) per day/100 birds	1	3½	7½	17	17

HOW TO FIGURE THE GALLON CAPACITY OF WATER TANKS

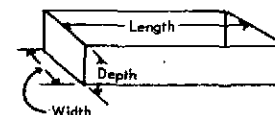
Round or Circular Tank

To find gal. capacity:
diam. × diam. × depth
× 5.86 = gals.



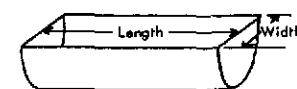
Rectangular Tank or Trough

To find gal. capacity:
Width × depth × length
× 7.46 = gals.



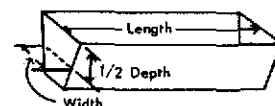
Curved Bottom Trough

To find gal. capacity:
Width × width × length
× 2.93 = gals.



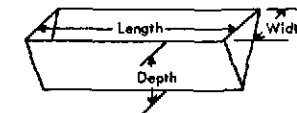
Slanting Sides Trough

To find gal. capacity:
Width (meas. at ½
of depth) × depth ×
length × 7.46 = gals.



V Sides Trough

To find gal. capacity:
Width × depth × length
× 3.73 = gals.



After you have figured the gallonage of your tanks be sure to paint it on each tank.

MEMORANDUM

DATE: November 3, 1995

TO: File 36-08444

FROM: S. W. Keen *SWK*

RE: Phone call from Richard Kraus

Richard Kraus called yesterday to discuss license 36-08444, which was licensed to him last month. He wanted to know how the rates and volumes were calculated. But, his biggest concern was that the license lists only 30 head of stock when he now runs about 200.

I explained that the 30 head limitation is based on his application for permit, which indicated a need for water for only 30 head. I also explained the domestic/stockwater exemption under Idaho Code §42-111 which allows him to divert up to 13,000 gallons per day without filing.

We also discussed the 12 gallons per day per head basis for our stockwater volume recommendations. Mr. Kraus said that he has some technical information that may better define the water needs of livestock. He said he would look at what he has and send me appropriate material along with a request for an amended license, if warranted.

RECEIVED
DEC 20 1995



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

October 18, 1995

RICHARD KRAUS
SHAUNA KRAUS
RT 1 BOX 1034
PAUL ID 83347

RE: WATER RIGHT NO. 36-08444

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

OCT 27 1995

LICENSE REVIEW CHECKLIST

PERMIT NO. 36-08444 DATE 10-13-95



NAME	Change ☐ OK ☒	Or Address Change?	
PRIORITY DATE	☒	Advance? <u>YES</u>	Advanced to: <u>9-22-89</u>
		Order to reinstate needed?	<u>DONE</u>
		Incorrect fee for rate recommended?	<u>NO</u>
SOURCE	☒	Changes or just clarification of originally intended source?	
		Notice of Intent to Void necessary?	
POINT OF DIV	☒	Amendment needed?	<u>Correct As permitted.</u>
	☒	Overlaps?	
PLACE OF USE	☒	Amendment needed?	<u>Correct As permitted.</u>
CHECK ASSESSOR'S OFFICE	☒	Overlaps?	
DIV RATE	☒	Permit/fee limits:	<u>.12 CFS (IRR@.04/stock@.04/dom@.04)</u>
	<u>5 gal bucket</u>	Meas Q = <u>.04</u>	Theo Q = <u>.05</u> Recommend <u>.05/.04</u>
			<u>DOM OK @ .04 CFS</u>
			<u>30 cattle x .0022 = .01 CFS</u>
		Combined rates exceed capacity	
ANNUAL VOLUME	☒	Volume Limit:	Season: <u>1-1 to 12-31</u>
		Calculations:	<u>DOM/WITH LAWN = 1.2 gF</u>
			<u>30 cattle = .4 gF</u>
		Flow limit:	<u>cfs x 1.9835 =</u>
		Combined volumes exceed capacity/allowable	
USES	☐	Change in Nature of Use or additional uses?	
	☐	Amendment necessary?	
ADDITIONAL INFO		Supplemental Groundwater	PPU Scenario ☐
		Irr/Dom Combination <u>YES</u>	Shared G/W System ☐
NEW REMARKS	<u>W02</u>	Multiple p/d(s) in 1/4 1/4?	
		Other <u>(30 cattle)</u>	
NEW CONDITIONS	☒	Watermaster control - District	
	☒	Measuring/Locking Devices	
	☒	Irrigation Overlap	
	☒	Other	
		Water Quality	Heat/Cool/Fish verified ☐

COMMENTS: ① 1 acre is irrigated by Minidoka water only - delete irr component
② Cattle development varied - allow permitted 30.

RECOMMENDATION	CFS	VOLUME	SRBA Claim Filed	<u>NO</u>
<u>Stockwater</u>	<u>.01</u>	<u>.4</u>	Adjustment Memo Needed	<u>YES</u>
<u>Domestic</u>	<u>.04</u>	<u>1.2</u>	LICENSE	☒
<u>TOTAL</u>	<u>.04</u>	<u>1.6</u>	1ST AMEND LETTER	
			2ND AMEND LETTER	

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.

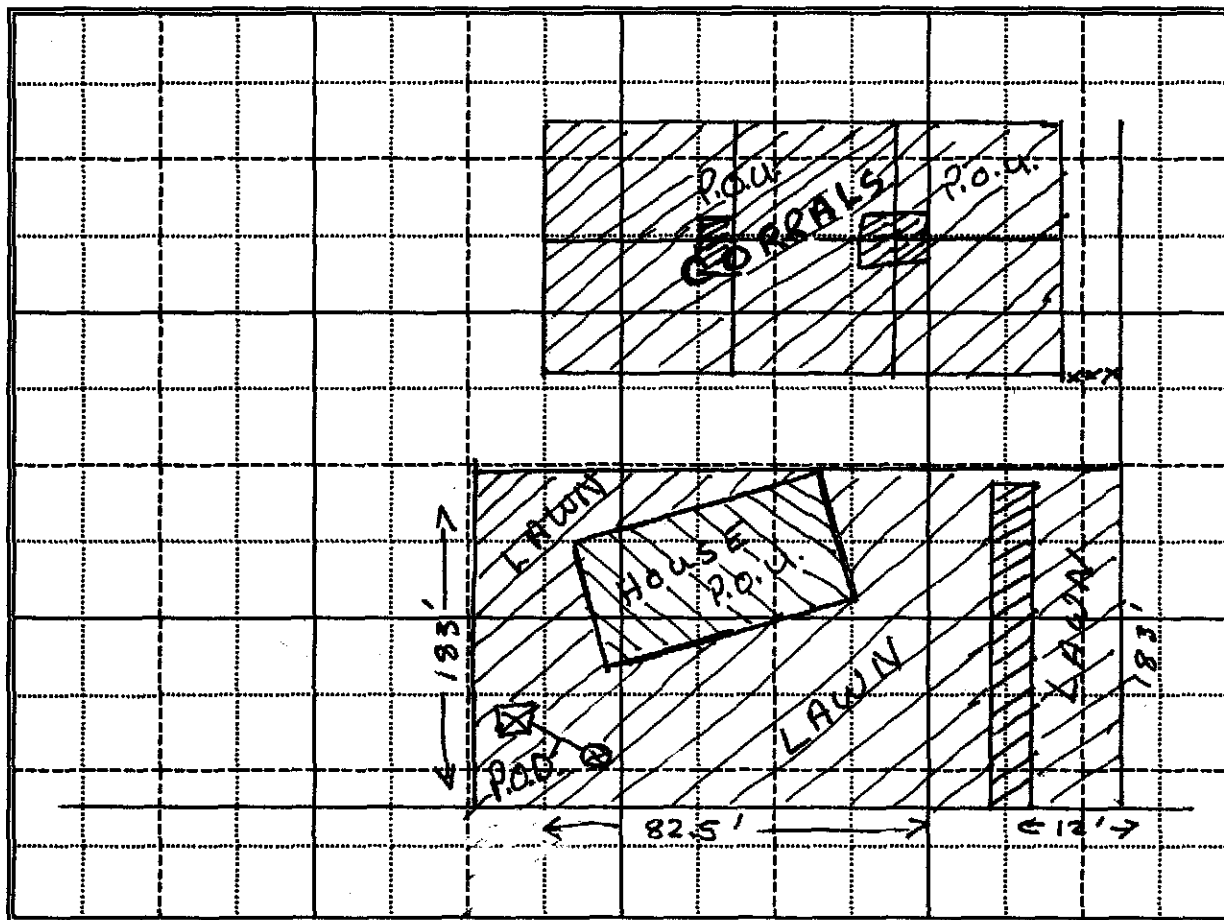
1. WELL OWNER Name <u>Richard Kneass</u> Address <u>Paul Idaho</u> Owner's Permit No. _____	7. WATER LEVEL Static water level <u>110</u> feet below land surface. Flowing? ☐ Yes ☒ No G.P.M. flow _____ Artesian closed in pressure _____ p.s.i. Controlled by: ☐ Valve ☐ Cap ☐ Plug Temperature _____ of. Quality _____																																																																																																																																																																																																																																																																	
2. NATURE OF WORK ☒ New well ☐ Deepened ☒ Replacement ☐ Abandoned (describe method of abandoning) _____	8. WELL TEST DATA ☒ Pump ☐ Sailer ☐ Air ☐ Other _____																																																																																																																																																																																																																																																																	
3. PROPOSED USE ☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other _____ (specify type) _____	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">Discharge G.P.M.</th> <th style="width: 33%;">Pumping Level</th> <th style="width: 33%;">Hours Pumped</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	Discharge G.P.M.	Pumping Level	Hours Pumped																																																																																																																																																																																																																																																														
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4. METHOD DRILLED ☐ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary ☒ Cable ☐ Dug ☐ Other _____	9. LITHOLOGIC LOG <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Hole Diam.</th> <th colspan="2">Depth</th> <th rowspan="2">Material</th> <th rowspan="2">Water Yes N</th> </tr> <tr> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr><td>5</td><td>0</td><td>1</td><td>surface</td><td>X</td></tr> <tr><td>5</td><td>1</td><td>2</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>2</td><td>3</td><td>red and gravel</td><td>X</td></tr> <tr><td>5</td><td>3</td><td>4</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>4</td><td>5</td><td>gray clay</td><td>X</td></tr> <tr><td>5</td><td>5</td><td>6</td><td>gray clay</td><td>X</td></tr> <tr><td>5</td><td>6</td><td>7</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>7</td><td>8</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>8</td><td>9</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>9</td><td>10</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>10</td><td>11</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>11</td><td>12</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>12</td><td>13</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>13</td><td>14</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>14</td><td>15</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>15</td><td>16</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>16</td><td>17</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>17</td><td>18</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>18</td><td>19</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>19</td><td>20</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>20</td><td>21</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>21</td><td>22</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>22</td><td>23</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>23</td><td>24</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>24</td><td>25</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>25</td><td>26</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>26</td><td>27</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>27</td><td>28</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>28</td><td>29</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>29</td><td>30</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>30</td><td>31</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>31</td><td>32</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>32</td><td>33</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>33</td><td>34</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>34</td><td>35</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>35</td><td>36</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>36</td><td>37</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>37</td><td>38</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>38</td><td>39</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>39</td><td>40</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>40</td><td>41</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>41</td><td>42</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>42</td><td>43</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>43</td><td>44</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>44</td><td>45</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>45</td><td>46</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>46</td><td>47</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>47</td><td>48</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>48</td><td>49</td><td>red clay</td><td>X</td></tr> <tr><td>5</td><td>49</td><td>50</td><td>red clay</td><td>X</td></tr> </tbody> </table>	Hole Diam.	Depth		Material	Water Yes N	From	To	5	0	1	surface	X	5	1	2	red clay	X	5	2	3	red and gravel	X	5	3	4	red clay	X	5	4	5	gray clay	X	5	5	6	gray clay	X	5	6	7	red clay	X	5	7	8	red clay	X	5	8	9	red clay	X	5	9	10	red clay	X	5	10	11	red clay	X	5	11	12	red clay	X	5	12	13	red clay	X	5	13	14	red clay	X	5	14	15	red clay	X	5	15	16	red clay	X	5	16	17	red clay	X	5	17	18	red clay	X	5	18	19	red clay	X	5	19	20	red clay	X	5	20	21	red clay	X	5	21	22	red clay	X	5	22	23	red clay	X	5	23	24	red clay	X	5	24	25	red clay	X	5	25	26	red clay	X	5	26	27	red clay	X	5	27	28	red clay	X	5	28	29	red clay	X	5	29	30	red clay	X	5	30	31	red clay	X	5	31	32	red clay	X	5	32	33	red clay	X	5	33	34	red clay	X	5	34	35	red clay	X	5	35	36	red clay	X	5	36	37	red clay	X	5	37	38	red clay	X	5	38	39	red clay	X	5	39	40	red clay	X	5	40	41	red clay	X	5	41	42	red clay	X	5	42	43	red clay	X	5	43	44	red clay	X	5	44	45	red clay	X	5	45	46	red clay	X	5	46	47	red clay	X	5	47	48	red clay	X	5	48	49	red clay	X	5	49	50	red clay	X
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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>2.13 inches</td> <td>6 inches</td> <td>1 foot</td> <td>122 feet</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> Was casing drive shoe used? ☒ Yes ☐ No Was a packer or seal used? ☐ Yes ☒ No Perforated? ☐ Yes ☒ No How perforated? ☐ Peckery ☐ Knife ☐ Torch Size of perforation _____ inches by _____ inches Number _____ From _____ To _____ _____ perforations _____ feet _____ feet _____ perforations _____ feet _____ feet _____ perforations _____ feet _____ feet Well screen installed? ☐ Yes ☒ No Manufacturer's name _____ Type _____ 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 _____ Perforated from _____ feet to _____ feet Material used in seal: ☐ Cement grout ☐ Portland cement ☐ Pulverized clay ☐ Well cuttings ☐ Heavy pit ☐ Temp. surface casing ☐ Overbore to seal depth Method of joining casing: ☐ Threaded ☐ Welded ☐ Solvent ☐ Cemented between strings Describe casing part _____	Thickness	Diameter	From	To	2.13 inches	6 inches	1 foot	122 feet																	10. Work started <u>4-25-83</u> finished <u>5-10-83</u>																																																																																																																																																																																																																																									
Thickness	Diameter	From	To																																																																																																																																																																																																																																																															
2.13 inches	6 inches	1 foot	122 feet																																																																																																																																																																																																																																																															
6. LOCATION OF WELL Sketch map location must agree with written location. Subdivision Name _____ Lot No. _____ Block No. _____ County _____	11. DRILLERS CERTIFICATION I/We certify that all minimum well construction standards were complied with at the time the rig was removed. Firm Name <u>P.C. Denton</u> Firm No. <u>83</u> Address <u>Paul Idaho</u> Date <u>5-16-83</u> Signed by (Firm Official) <u>P.C. Denton</u> and (Operator) <u>Robert Williams</u>																																																																																																																																																																																																																																																																	

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

36-08444

[illegible]

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



Scale: r - Not to scale

____ 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
	DuPont X-T	1		SIR	W-K

*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
390L Bucket						

2. Measurements: (3) Three timed Fills @ 1=10 sec 2=10 sec 3=10 sec
18 GPM = .04 cfs.

OCT 27 1995

E. NARRATIVE/REMARKS/COMMENTS

THIS SYSTEM CONSISTS OF A 6" WELL 150 FT DEEP WITH A DYNAMIC PUMPING LEVEL OF 45 FT. H₂O IS DIVERTED THROUGH A 60 GAL PRESSURIZED TANK THAT OPERATES PUMP ON OFF AT 50 ON AT 30 P.S.I. = 40 P.S.I. AVERAGE AND CONFIRMED BY OWNER. H₂O IS DIVERTED TO HOME AND IS USED FOR IN-HOUSE DOMESTIC AND IRRIGATION OF APPROX 1/2 ACRE OF LAWN (INCLUDING GARDEN)

1. ACRE IS BEING IRRIGATED UNDER MINIOOKA IRR COMPANY AND HAS NOT BEEN DEVELOPED UNDER THIS WR. AND SHOULD BE DIS-ALLOWED

THE STOCKWATER IS DIVERTED FROM P.O.U. AND IS STORED IN 6 DIFFERENT TROUGHS (LEVEL SWITCH FILLS) IN CORRALS. THE CORRALS HAVE BEEN DEVELOPED FOR A MAX CAPACITY FOR APPROX 200 HD. HOWEVER, ONLY 2-3 HEAD WERE PRESENT AT THE TIME OF F.E.

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

F. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method:

$$\frac{8.8 \times HP \times EFF}{TDH} = Q$$

$$\frac{8.8 \times 1 \times .70}{45 + (40 \times 2.31)} = \frac{6}{137} = .04 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \underline{\hspace{2cm}}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$$

2. Volume Calculations for Other Uses:

Volume Calc =
 Dept stds Dom/w
 Irrigation
 System Capacity
 Limiting factor
 = .04 cfs

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	1.4 afa
Stockwater	01-01	12-31	.04	—
Totals:			.04	1.4 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. AUTHENTICATIONField Examiner's Name D.R. Toyon Date 6-27-95

Reviewer _____ Date _____

SEAL

See adjustment memo. BC

OCT 27 1995

MEMORANDUM

TO: File 36-08444 / Richard Kraus
FROM: Brenda Chapman
DATE: October 13, 1995
RE: Recommendation Adjustment(s)

=====

The final licensing recommendations for Right 36-08444 are based on the information below:

C. DIVERSION AND DELIVERY SYSTEM

The point of diversion and place of use locations are listed correctly on this portion of the exam but not on the exam map. The location was verified with the Minidoka County Assessor's Office to be in the SENE of Section 30.

Place of Use: Also, there should not be an irrigation use listed in this portion of the exam.

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use	Rate of Div	Annual Vol
Stockwater	1-01 to 12-31	.01	.1
Domestic	1-01 to 12-31	.04	1.2

The stockwater rate has been reduced (the rate of .04 cfs for 30 cattle was excessive according to the 1975 Administrative Processing Memorandum No. 3). Because the number of cattle has fluctuated from the original permitted 30 to 50 on the proof down to 3 on the exam, I am recommending allowing the permitted 30 on the license. [Note that the examiner mentioned that the stock pens were developed for up to 200 head of cattle.]

Also, an annual stockwater volume is recommended.

The domestic volume recommendation has been corrected to the standard 1.2 af for both internal and external use.

GROUNDWATER MEASUREMENT REQUIREMENT ANALYSIS

FILE: 36-0844-4
DATE: 06-27-95
BY: DPT

THEORETICAL RATE OF FLOW: $Q = \frac{(8.8) \times (H.P.) \times (EFF.)}{TDH}$

Q = CFS
H.P. = Total Brake Horsepower of pumping plant (including booster)
EFF. = Pumping plant efficiency (ASSUME 70% OR 0.70)
TDH = total dynamic head = [(LIFT) + (PSI X 2.31)]
LIFT = depth to water in FEET from land surface to pumping water level
PSI = pumping pressure measured in psi near pump (if open discharge assume zero [0])

$$Q = \frac{(8.8) \times (.....) \times (0.70)}{[(....45....) + (....40.... \times 2.31)]} = \underline{137.04 \text{ CFS}}$$

LIFT FROM:	PSI FROM:	NOTES ON PUMP:
measurement ()	measurement ()	Motor Make, Serial or ID
owner (X)	owner (X)	Dupont
area estimate ()	estimate ()	Pump Make, Serial or ID, rating
well logs ()	owner gage (X)	STA-RITE
Booster (Y) (X)		

REMARKS

ANNUAL VOLUME ANALYSIS

POTENTIAL Acre Feet/Acre/Annum = $\frac{(\text{DAYS IN SEASON}) \times (1.98) \times (Q)}{(\text{RECOMMENDED ACRES IRRIGATED})}$

(season)	(days)	
3/15 - 11/15	246	(.....) X (1.98) X (.....)
4/1 - 11/1	215	POTENTIAL =
4/15 - 10/15	184	
3/1 - 12/1	276	(.....)

POTENTIAL =

REQUIRED Acre Feet/Acre/Annum =
(AF/Ann/Ac irrigation requirement from chart for area)
NOTE that this is NOT Consumptive use

IF POTENTIAL IS GREATER THAN REQUIRED THEN NO MEASUREMENT NECESSARY ()

IF POTENTIAL IS LESS THAN REQUIRED THEN MEASUREMENT IS NECESSARY ()

22E R23E

47° 30'

113° 45'

24

20

21

25

30

27

36

35

40

Incorrect -
Should be
SENE OF
SECTION 30

340 000
FEET

4720
340 000
FEET

4710

i

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A.

1.

1

11

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1

4472
Sec. 18.
359/32₃

Sec. 17.
640

07-11-19

Nov. 19.
 340.84

Sec. 20.
640

574.300

Sec. 29
140

10

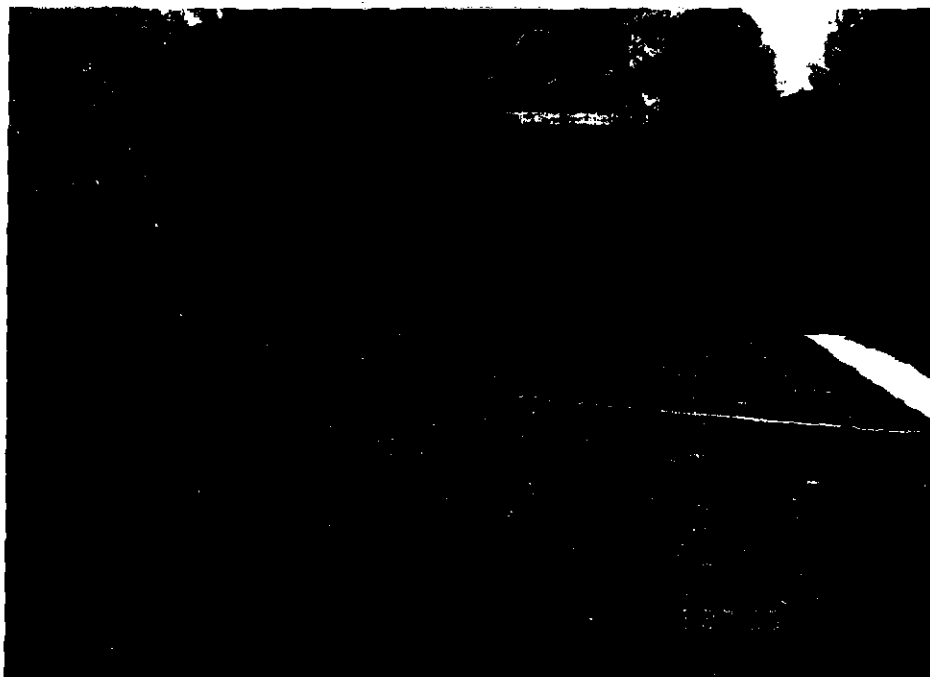
11

Journal of Management Inquiry 18(6)

Annals of the Entomological Society of America

$$\frac{1}{\sqrt{\pi}} \int_{-\infty}^{\infty} f(x) e^{-x^2} dx = \frac{1}{\sqrt{\pi}} \int_{-\infty}^{\infty} f(x) e^{-x^2} dx$$

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 07-07-2008 BY 60322 UCBAW



P.O.U.
DOMESTIC

Pressure Tanks
(Buried) 60 gal. $\nwarrow$
(COVERED)



P.O.D.

7-2-95



P.O.U.
STOCKWATER
COMPONENT



OCT 8 9 1955

P.O.U.
DOMESTIC



February 14, 1992

RICHARD KRAUS
SHAUNA KRAUS
RT. 1 BOX 1034
PAUL ID 83347

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 36-08444

Dear Permit Holder:

The department acknowledges receipt of the proof of beneficial use form submitted for the above referenced permit. Enclosed is an order advancing the priority of the permit since the proof was received after the proof due date. 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 SOUTHERN Regional Office in Twin Falls at (208)736-3033.

Sincerely,

Karen L. Gustafson
Secretary/Records Manager

c: IDWR - Region

Enclosure

RECEIVED
MAR 05 1992

ANALYSIS SHEET
FOR
PROOF OF BENEFICIAL USE

Permit No. 36-08444

Reviewed by llg

Date 1/3/92

GENERAL CONSIDERATIONS

yes Name same as permit?
yes Address same as permit?
no Proof timely received? If not, complete calculation below.

SOURCE OF WATER

 Surface water source
✓ Ground water source
NA Drilling permit required?
1983 Copy in the file? Drilling Permit No.
 Amount paid for permit Correct?
 Well log in the file?

LICENSE EXAMINATION FEE

yes Required?
50.00 Amount Submitted
yes Correct?

MEASURING DEVICE

NA Required?
 Installed?
 Waiver requested?

PRIORITY CALCULATION

Date proof received 1/3/92 3
Date proof due 1/1/92 - 1
No. of days late = 2
Priority Date 9/20/89 + 263
New Priority Date 9/22/89 265

DEFICIENCIES OR ACTION ITEMS

indicates \$50 fee not enclosed
department error discovered 1/9/92

proof acceptable

DATA ENTRY

New Address

Proof Made llg



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

January 27, 1992

Richard or Shauna Kraus
Route #1, Box 1034
Paul, ID 83347

Re: Permit NO. 36-08444

Dear Mr. and Mrs. Krause:

On January 9, 1992, I wrote to you explaining the error the Department made during the processing of your proof of beneficial use. At that time, I explained that a refund was due and requested that you return the original proof of beneficial use back to me. I also followed that letter with a phone call requesting that you return the original document.

As of this date, I have not received the original back in this office. I have enclosed a copy of the first proof of beneficial use and a blank form and instruction sheet, in case you have misplaced the original.

Since the proof of beneficial use was due on January 1, 1992, it is imperative that you return an original document to me within 15 days of the date of this mailing. If I have not received the proof at that time, I will be forced to lapse your permit.

If you have any questions or if I can be of any further assistance, please feel free to contact me.

Sincerely,

Karen L. Gustafson

Karen L. Gustafson
Secretary/Records Manager

MAR 05 1992

EXPENDITURE VOUCHER

AUDITOR USE

STATE OF IDAHO
Office of State Auditor

AGENCY USE

Date	7/6/92
Code	01/15/92
	199002

VENDOR: If you require additional information regarding this payment, please contact the State agency listed below.

AGENCY NAME:

DEPT. OF WATER RESOURCES
TAX EXEMPT # X-189030-E-920
VALID THRU 1/94

Document No.	
Pre-Audit	Date
Warrant No.	

PAY
TO

RICHARD OR SHAUNA KRAUS
ROUTE 1, BOX 1034
PAUL, ID 83347

CHECK ONE:

() MISCELLANEOUS EXPENDITURE
() STATE CONTRACT

() PURCHASE ORDER

() MISCELLANEOUS
ENCUMBRANCE REQUISITION

PAYMENT: () PARTIAL () FINAL

Encumbrance Reference No.

LINE No.	PROGRAM	FUND	ACCT.		DESCRIPTION	LINE AMOUNT	AGENCY USE
			Maj	Min			
1	05 30 350	1238	8831		REFUNDS REDEIPT #0022841 1/9/92 170.00 PER KAREN L. GUSTAFSON #36-8444	170.00	
TOTAL						170.00	

NOTE: Final payment must be accompanied by a receiving copy

TO STATE AUDITOR

Request is hereby made that a warrant be authorized and drawn in payment of the item or items described above. I hereby certify that the items described were ordered by proper authority; that they are necessary in the public service; that the items have been received and accounted for, and that the account as stated is correct and just.

AUDITOR'S CERTIFICATE

I hereby certify that the above account is in proper form; that totals carried hereon are correct; that receipts when required by law or regulation of the State Board of Examiners covering items for which reimbursement is asked are submitted herewith; and that there are funds in the state treasury and balances in appropriation accounts out of which the same may be lawfully paid.

Date

Head of Agency or Institution

State Auditor

Drilling Permit No. _____

Water Right Permit No. _____

Injection Permit No. _____

7/90
RECEIVED
JAN 03 1992State of Idaho
Department of Water Resources**RECEIVED**

Department of Water Resources

APPLICATION FOR DRILLING PERMIT

JAN 08 1992

Department of Water Resources
Southern Region Office

1. Applicant (please print) Richard Kraus or Shanna Kraus
2. Mailing Address Rt #1 Box 1034 Park, Id. 83347
- Telephone 438-5995

☒ Well Owner ☐ Well Operator ☐ Other, specify _____

3. Proposed well location SE 1/4 NE 1/4, or Gov't Lot No. _____
- Sec. 30, Twp. 9S, Rge. 23E, County Minidoka
- Street Address of Well Site 700 West 25 South Park, Id.
- Lot, block and subdivision _____

4. Proposed use of well:

Domestic: The use of water for homes, organization camps, public campgrounds, livestock and for any other purpose in connection therewith, including irrigation of up to 1/2 acre of land, if the total use is not in excess of 13,000 gpd; or any other uses, if the total use does not exceed a diversion rate of 0.04 cfs and a diversion volume of 2500 gpd.

Domestic does not include water for multiple ownership subdivisions, mobile home parks, commercial or business establishments, unless the use does not exceed a diversion rate of 0.04 cfs and a diversion volume of 2500 gpd.

☒ Non-Domestic: Any beneficial use not included within the definition of domestic.

☐ Injection

☐ Monitoring - A well bore schematic and map is required for each well.
No. of proposed wells: _____

5. Well construction information:

A. ☐ New well ☐ Deepen ☒ Replace - See Condition 9

B. Proposed Surface Diameter 6" Proposed Maximum Depth 150'

C. Anticipated bottom hole temperature:

- ☒ 85°F or less (Cold water well)
☐ 85°F to 212°F (Low temp. geothermal well)
☐ 212° or more (Geothermal well)

6. Construction Start Date 5-16-83

7. Anticipated Well Driller R. O. Denton, Park, Id.
 NOTE: The actual well driller must be identified prior to drilling.

8. Applicant's signature D Kraus Date 12/29/91

Title owner

(Owner, Firm Representative, Other)

ACTION OF THE DEPARTMENT OF WATER RESOURCES

This Permit is _____ Date _____

If approved, this permit authorizes the construction or modification of a well subject to the following conditions. READ CAREFULLY!

GENERAL CONDITIONS:

1. The well must be constructed in compliance with the applicable statutes, specific conditions of approval shown on the water right permit, injection well permit, transfer or amendment and the rules and regulations of the Department for water appropriation, injection wells and well construction standards.
2. This drilling permit is valid for two (2) months from the above approval date for the start of construction and is valid for one (1) year from the approval date for completion of the well unless an extension has been granted.
3. This permit does not constitute an approval of the District Health Department or the Idaho Department of Health and Welfare which may be required before construction of this well.
4. The well shall be constructed by a driller currently licensed in the State of Idaho who must maintain a copy of the drilling permit at the drilling site.
5. Approval of this drilling permit does not authorize trespass on the land of another party.
6. This permit does not constitute other local, county, state or federal approvals which may be required for construction of a well.
7. This drilling permit does not represent a right to divert and use the water of the State of Idaho.
8. If a bottom hole temperature of 85° or greater is encountered, well construction shall cease and the well driller and the well owner shall contact the Department immediately.
9. If this permit is for a replacement well, the well being replaced must be abandoned in accordance with Department Rules and Regulations.

SPECIFIC CONDITIONS:

NOT FILMED

MAR 05 1992

Signature of Authorized Department Representative _____

Title _____

Receipt No. 1122841

Received by UB

Fee 220.00

Date 1/2/92

EXTENSION OF DRILLING PERMIT

Extension approved by _____ Approval Date _____

This extension is good for 60 days beyond the above extension approval date.



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

January 9, 1992

Richard or Shauna Kraus
Route 1, Box 1034
Paul, ID 83347

Re: Permit No. 36-08444

Dear Mr. and Mrs. Kraus:

My apologies for the errors made concerning the above mentioned permit.

After, my telephone discussion with Doug Jones of our Regional Office, it was discovered that the receipt for payment on the proof of beneficial use had been forwarded to his office. I never received the receipt, and therefore, assumed no payment had been made.

In February of 1991 you were mistakenly requested to complete and file a drilling permit. After further review of the file, it was determined that the well was drilled prior to July 1, 1987, and therefore, does not require a drilling permit.

The following is a breakdown of applicable charges and paid fees:

	Fee Charge	Fee Paid
Application for Permit	\$30.00	\$ 30.00
Drilling Permit	0.00	200.00
Proof of Beneficial Use	50.00	20.00
TOTALS	\$80.00	\$250.00
DIFFERENCE		\$170.00

As you can see, you have paid an excess \$170.00. I have begun the process to refund this amount. The refund process takes between two and four weeks.

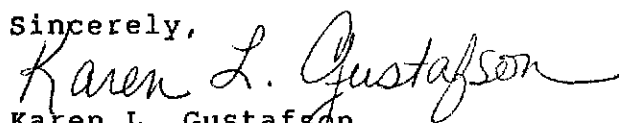
Since I sent the original proof of beneficial use back to you, please return it once again, as soon as possible, so that I can continue the licensing process.

MAR 05 1992

Once again, I would like to express my apologies on behalf of myself and the Department. I hope to rectify the situation, by expediently processing your refund and proof of beneficial use.

If you have any questions or if I can be of any further assistance, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Karen L. Gustafson". The signature is written in dark ink and is positioned above the printed name and title.

Karen L. Gustafson
Secretary/Records Manager

C: Finance Department

J 1982



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

January 7, 1992

Richard or Shauna Kraus
Route 1, Box 1034
Paul, ID 83347

Re: Permit No. 36-08444

Dear Permit Holder:

Returned is the Proof of Beneficial use you submitted to this office in connection with the permit listed above.

While you indicate a fee of \$50, it was not enclosed with the proof of beneficial use.

Please return the proof and \$50 fee within 20 days of the date of this mailing. Your compliance date has already passed and your priority date is being penalized one day for every day that the proof and money have not been received.

If you have any questions or if I can be of any further assistance, please feel free to contact me.

Sincerely,

Karen L. Gustafson
Secretary/Records Manager

MAR 05 1992

138155
October 31, 1991

RICHARD KRAUS
SHAUNA KRAUS
RT. 1 BOX 1034
PAUL ID 83347

PROOF DUE NOTICE

RE: PERMIT NO. 36-08444

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 January 1, 1992. (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,

Nina Shields
Secretary/Records Manager

Enclosures

5172

February 11, 1991

RICHARD KRAUS
SHAUNA KRAUS
RT 1 BOX 1034
PAUL ID 83347

Dear Mr. and Mrs. Kraus:

Re: Permit No. 36-8444

Enclosed is a copy of the approved request for extension of time. The time within which to submit proof of beneficial use is extended to January 1, 1992.

Also, enclosed is a drilling permit form with an instruction sheet.

If you have questions concerning the drilling permit form, please contact our Southern Regional office in Twin Falls at 734-3578.

Sincerely,

RITA I. FLECK
Secretary/Records Manager

Enclosures

RECEIVED

MAR 15 1991

Box 1034

Id. 83347

NO RETURN RECEIPT
IF REQUESTED

Fold at line over top of envelope to the
of the return address.

CERTIFIED

P 337 409 868

MAIL

Dept. of Water Resources
1301 N. Orchard Street
State house Mail
Boise, Id. 83720

138749
October 31, 1990

SHAUNA KRAUS
RICHARD KRAUS
RT. 1 BOX 1034
PAUL, ID 83347

PROOF DUE NOTICE

RE: PERMIT NO. P36-08444

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 January 1, 1991. (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.

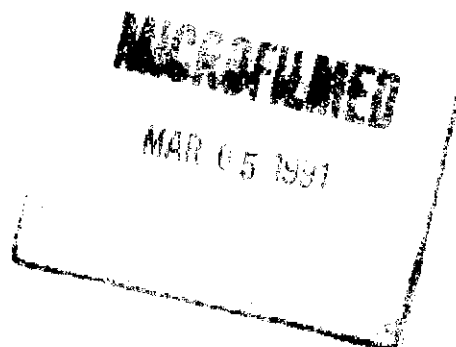
If you have not fully completed your project, and you or a previous owner of this permit have not received a prior extension of time, you may request an extension of time if the delay is for reasonable cause as provided in Section 42-204, Idaho Code. If you have been prevented from proceeding by a governmental 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.

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SINCERELY,

Rita Fleck
Secretary/Records Manager

Enclosures



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

SHAUNA KRAUS
RICHARD KRAUS
RT. 1 BOX 1034
PAUL, ID 83347

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

RE: PERMIT NO. P36-08444

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.

You should be aware that the groundwater you propose to divert is located within a drainage basin where surface waters are regulated during the months of low flow. It is possible that diversion of groundwater may have an adverse impact on these surface water flows. Information available to us at this time does not warrant refusing to issue permits in your area, but we do caution that diversions of groundwater are not allowed to deplete flows available for surface water users with earlier priority dates. Siting your well as far from surface sources as possible and casing out upper water producing zones may reduce the potential of interference.

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

RECORDED

FEB 16 1990

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

FEB 16 1990

25-Sep-1989

Richard or Shauna Kraus
Rt. 1 Box 1034
Paul, ID 83347

Re: Application for Permit No. 36-08444

Dear Applicant (s):

The Department of Water Resources acknowledges receipt of your water right application for permit. The application has been assigned the above referenced identification number. Please refer to this number in all further correspondence.

This office will be advertising the application in the South Idaho Press on 10/5 & 10/12/89. 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 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.

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

Very truly yours,

James E. Stanton
Sr. Water Resource Agent

JS:MB

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FEB 16 1990

SOUTH IDAHO PRESS

BURLEY, IDAHO

AFFIDAVIT OF PUBLICATION

County of Cassia,)
) ss.
STATE OF IDAHO)

Lannette Sellers being first

duly sworn, deposes and says that she is the

Clerk of the South Idaho Press, a daily newspaper published at Burley, Idaho, in the county aforesaid and that the paper is of general circulation therein. Deponent further states that the printed notice attached hereto was duly published according to law in the regular editions of

The South Idaho Press for two (2) consecutive weeks, commencing with the issue dated October 5 1989, and ending with the issue dated October 12 1989.

Lannette Sellers

RECEIVED
The following is a true and correct copy of the original as filed in the office of the County Clerk of Cassia County, Idaho, on October 27, 1989.
KRAUS, HENRY
KRAUS, HENRY
RT. 1 BOX
PAUL, IDAHO
Source: GPO
Distribution: P
238
THE IRRIGATOR
DOMESTIC
STOCKWATER
Date Filed: 10/27/89
In 1908, the
to be filed with the
of Dec. 22, 1908, and
be filed with the
Resurvey, 2146
Bull. Idaho 5330
23, 1949.
Published in the
State of Idaho
the 27th day of October, 1989.

STATE OF IDAHO

COUNTY OF

On this 25th day of October in the year of 1989, before me, a Notary Public, personally appeared Lannette Sellers, 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.

Dolores Mabey
Notary Public for Idaho
Residing at Burley, ID
My commission expires: 10/24/93

Cost of Publication 30.72
Notary Fee .50
Total Cost 31.22

RECEIVED

OCT 27 1989

Department of Water Resources
Southern Region Office

OK
MB
10/30/89

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FEB 16 1990

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Southern Region
2148 4th Avenue East
Twin Falls, ID 83301
(208)734-3578

SEPTEMBER 25, 1989

SOUTH IDAHO PRESS
BOX 190
BURLEY, ID 83318

Gentlemen:

Enclosed you will find a legal notice which we wish to have published on the dates indicated (once a week for two consecutive weekly issues) in your newspaper. If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Your cooperation is appreciated.

Please send the affidavit of publication and publication billing to this office before OCTOBER 23, 1989.

Yours truly,

Mary Baldwin
Secretary/Office Coordinator

Enclosure

MICROFILMED

FEB 16 1990

NOTICE OF APPLICATION FOR WATER RIGHT

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

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FEB 16 1990

36-08444

KRAUS, RICHARD
KRAUS, SHAUNA
RT. 1 BOX 1034
PAUL, ID 83347

Source: GROUNDWATER

Diversion Pt: NESENE Sec 30 T 09S R 23E

Use: IRRIGATION	(.040 CFS)
DOMESTIC	(.040 CFS)
STOCKWATER	(.040 CFS)

Date Filed: 9/20/1989

In: T09S R23E S30 SENE

1.5 ACRES TOTAL

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FEB 16 1990

The permit(s) will be subject to all prior water rights. Protests may be submitted based on the criteria of Sec. 42-203A, Idaho Code and/or the new public interest criteria of Sec. 42-203C, Idaho Code. Protests must be filed with the Director, Dept. of Water Resources, 2148 4th Avenue East, Twin Falls, Idaho 83301 on or before OCTOBER 23, 1989.

R. Keith Higginson, Director

Published 10/05/1989 & 10/12/1989

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FEB 16 1990