

**STARTING
RIGHT
SIDE OF
FILE**

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

PROOF OF BENEFICIAL USE

DEC 12 2000

Department of Water Resources

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

1. Permit No. 105-13702 Telephone No. 208-793-2724

2. Name of Permit Holder(s): Brian J. Branch

3. Mailing Address: P.O. Box 429

City Horseshoe Bend State ID Zip 83629

4. Source of Water: well If **GROUNDWATER** (well), Date Drilled: mo. 8 / yr. 97

Well Driller: Branch Drilling Drilling Permit Number: D 000 1023

5. Use(s) (as authorized by the water right permit):

Domestic (No. of households): 5 Stockwater (No. and type of stock):

Irrigation (No. of acres): _____ Other: _____

6. Total rate of diversion and/or volume for which proof is submitted: .10 cfs OR _____ acre-feet

7. Measuring Device Requirement: (refer to the approval conditions on your permit and respond accordingly)

(This question is not optional. Please check either yes or no. Proofs returned not checked accordingly, will be considered incomplete)

Measuring Device: Is a measuring device required?

Yes _____ or No ☒

Has the measuring device been installed?

Yes _____ or No ☒

8. Fee Enclosed: \$ 50.00 (See Fee Schedule on back of the instructions for filing proof of beneficial use)

9. Person to contact to accompany the Department representative during field examination of the water system.

Name: William J. Branch Telephone Number: 208-793-2724

Address: 601 Harris Creek Rd Horseshoe Bend, ID 83629

10. The information given on this form is my true statement of the extent to which the above numbered permit has been developed and water has been diverted. I agree to relinquish any undeveloped portion of the permit to the State of Idaho.

Signature of permit holder: W. J. Branch Date: 12-8-00
(include your title, if on behalf of company or organization)

MICROFILMED

JAN 31 2001

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 65-13702

Proposed Priority: August 16, 1996

Maximum Diversion Rate:

0.10 CFS

This is to certify, that **BILL BRANCH**
HC 1 BOX 47A

HORSESHOE BEND ID 83629

has applied for a permit to appropriate water from: **GROUNDWATER**

and a permit is **APPROVED** for development of water as follows:

BENEFICIAL USE

PERIOD OF USE

RATE OF DIVERSION

DOMESTIC

01/01 to 12/31

0.10 CFS

LOCATION OF POINT(S) OF DIVERSION: Lot 1 (NENE), Sec. 3, Township 06N, Range 02E
BOISE County

PLACE OF USE: DOMESTIC

TWN RGE SEC

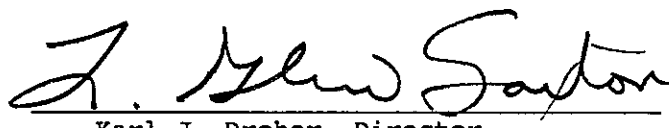
06N 02E 3 Lot 1(NENE)

CONDITIONS OF APPROVAL AND REMARKS

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before **January 1, 2001**.
2. Subject to all prior water rights.
3. Project construction shall commence within one year from the date of permit issuance and shall proceed diligently to completion unless it can be shown to the satisfaction of the Director of the Department of Water Resources that delays were due to circumstances over which permit holder had no control.
4. The issuance of this right does not grant any right-of-way or easement across the land of another.
5. Place of use is located within Lots 1, 4-6, & 12, Branch Estates Subdivision.
6. Domestic use is for 5 homes.

This permit is issued pursuant to the provisions of Section 42-204, Idaho Code.
Witness the signature of the Director, affixed at Boise, this

31st day of December, 1996


Karl J. Dreher, Director
for

MICROFILMED

MAR 26 1997

RECEIVED

DEC 23 1996

Ident. No. 65-13702

Department of Water Resources

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name: BILL BRANCH
Address: RT 1 BOX 47A
HORSESHOE BEND ID 83629
208-793-2724
 2. Source: GROUNDWATER Trib. to:
 3. Location of Point of Diversion: Lot 1(NENE), Sec. 3, Township 06N, Range 02E
BOISE County
 4. Water will be used for the following purposes:

Purpose	From	To	CFS	(or)	AF
DOMESTIC	01/01	12/31	0.100		
 5. Total quantity to be appropriated is:
0.100 CFS (and/or) AF
 6. Proposed diverting works:
 - a. Description of ditches, flumes, pumps, headgates, etc.
WELL, PUMP AND PIPELINE.
 - b. Height of storage dam feet; active reservoir capacity
acre-feet; total reservoir capacity acre-feet; period of
year when water will be diverted to storage: to inclusive.
 - c. Proposed well diameter is inches; proposed depth of well is
feet.
 - d. Is groundwater with a temperature greater than 85F being sought? NO
 - e. If well is already drilled, when?
Drilling Firm RAUCH DRILLING
Well was drilled for BILL BRANCH
 7. Time required for the completion of the works and application of
the water to the proposed beneficial use is 5 year(s).
 8. Place of Use: DOMESTIC
- TWN RGE SEC
06N 02E 3 Lot 1(NENE)

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MAR 26 1997

9. a. Who owns the property at the point of diversion?
APPLICANT
b. Who owns the land to be irrigated or place of use?
APPLICANT
c. If the property is owned by a person other than the applicant,
describe the arrangement enabling the applicant to make this filing.

10. Remarks:

11. Map of proposed point of diversion and place of use attached? []

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.

Applicant

Received by _____ Date _____ Time _____ Preliminary check by _____

Fee \$ 215.00 Receipted by _____ #W021369 Date 8/16/1996

Publication prepared by _____ Date _____ Published in _____

Publication approved _____ Date _____

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MAR 26 1997

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AUG 16 1996

WATER RESOURCES
WESTERN REGIONSTATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name of Applicant Bill Branch Phone 793-2724
Mailing address RT 1 Box 47A Horseshoe Bend 83629
2. Source of water supply Groundwater which is a tributary of N/A
3. Location of point of diversion is Township 6N Range 2E Sec. 3 in the NE 1/4, NE 1/4, Govt. Lot 1, B.M., Boise County;
additional points of diversion if any: _____
4. Water will be used for the following purposes:
 Amount .10 for Domestic purposes from 1-1 to 12-31 (both dates inclusive)
 (cfs or acre-feet per annum)
 Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
 (cfs or acre-feet per annum)
 Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
 (cfs or acre-feet per annum)
 Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
 (cfs or acre-feet per annum)
 Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
 (cfs or acre-feet per annum)
 Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
 (cfs or acre-feet per annum)
5. Total quantity to be appropriated is (a) .10 and/or (b) _____
 cubic feet per second acre feet per annum
6. Proposed diverting works:
 - a. Describe type and size of devices used to divert water from the source _____
 - b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet
 - c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet
 - d. Is ground water with a temperature of greater than 85°F being sought? _____
 - e. If well is already drilled, when? 1996; Drilling firm Rauch Drilling # 570
 Well was drilled for (well owner) Bill Branch; Drilling Permit No. 65-96-W-0058-000
7. Time required for completion of works and application of water to proposed beneficial use is 5 years (minimum 1 year)
8. Description of proposed uses (if irrigation only, go to item 9):
 - a. Hydropower; show total feet of head and proposed capacity in KW. _____
 - b. Stockwatering; list number and kind of livestock. _____
 - c. Municipal; show name of municipality. _____
 - d. Domestic; show number of households. Domestic use for 5 homes
 - e. Other; describe fully. _____

RECORDED

MAR 26 1997

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	RGE	SEC	NE				NW				SW				SE				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
6N	2E	3	5/0																✓
			4.1																

Total number of acres to be irrigated ✓

10. Describe any other water rights used for the same purposes as described above. _____

11. a. Who owns the property at the point of diversion? Applicant

b. Who owns the land to be irrigated or place of use? Applicant / Branch Estates Sub.

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: _____

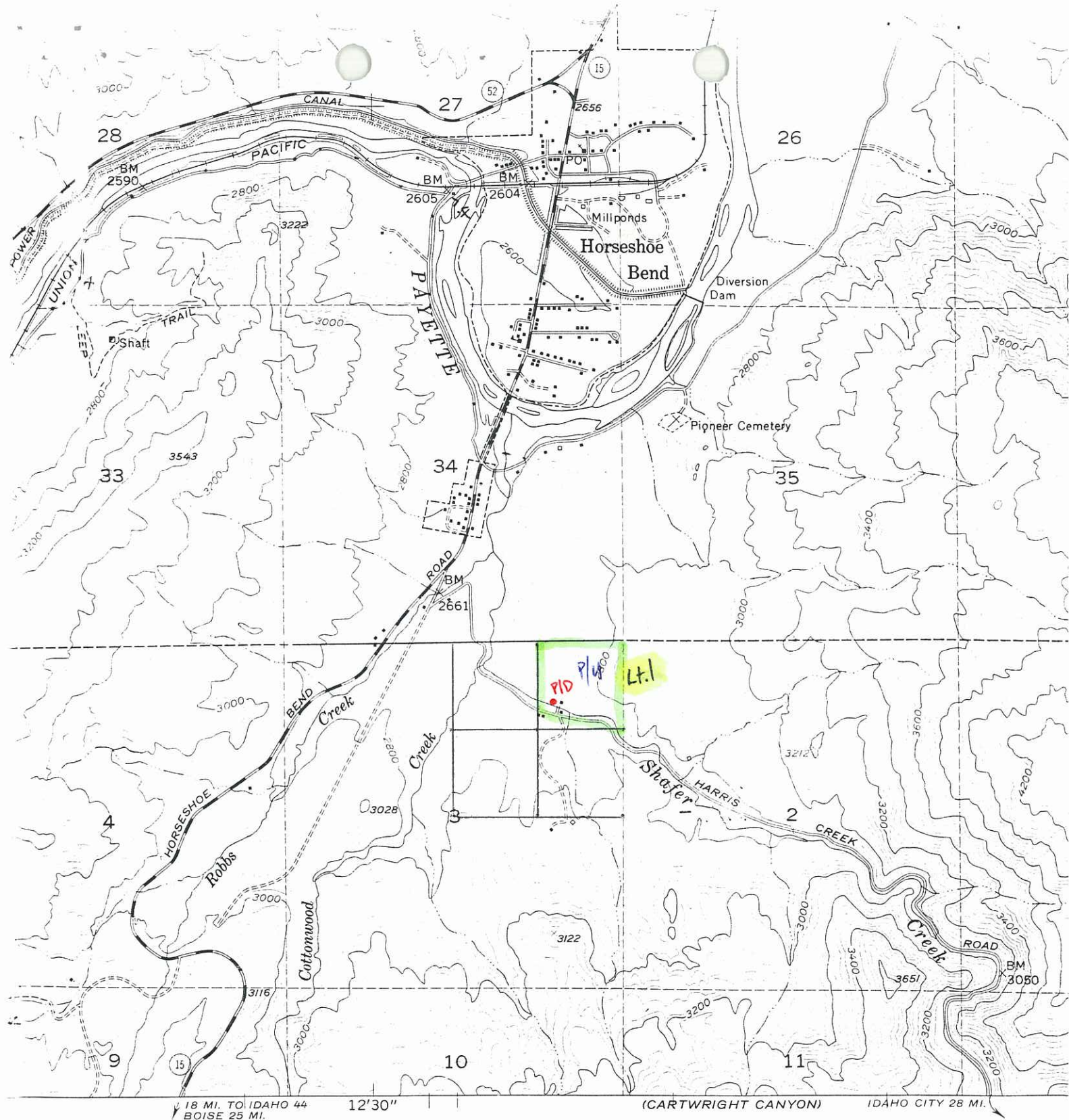
13. MAP OF PROPOSED PROJECT REQUIRED - Attach an 8½"x11" map clearly identifying the proposed point of diversion, place of use, section #, township & range. (A photocopy of a USGS 7.5 minute topographic quadrangle map is preferred.)

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

MICROFILMED
MAR 26 1997

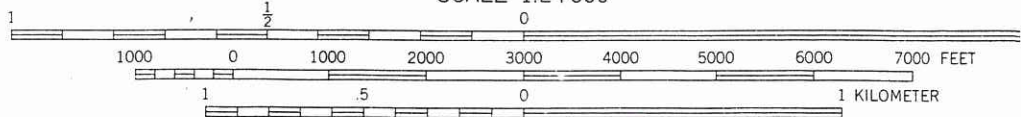
W. L. Branch
Signature of Applicant (and title, if applicable)

Received by DB Date 8-16-96 Time 12:00 PM Preliminary check by cyh
Fee \$ 50.00 Received by DB # W021369 Date 8-16-96
Publication prepared by AT Date 11-13-96 Published in Idaho World
Publication approved AT Date 12-16-96



18 MI. TO IDAHO 44 BOISE 25 MI. 12'30" (CARTWRIGHT CANYON) IDAHO CITY 28 MI.

SCALE 1:24 000



CONTOUR INTERVAL 40 FEET
DATUM IS MEAN SEA LEVEL

19°
TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1957

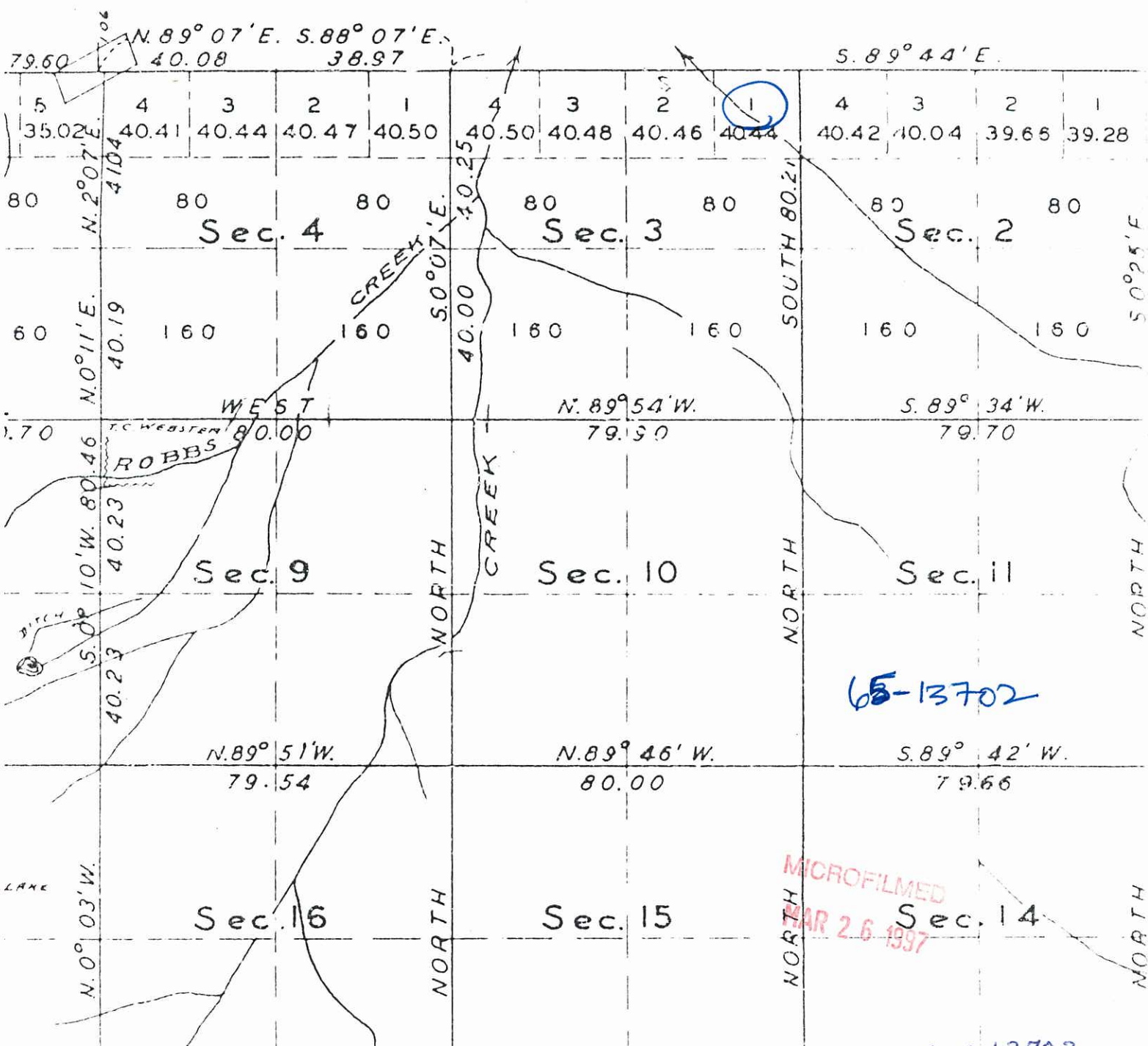
MICROFILMED
MAR 26 1985
65-13702

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 2, COLORADO OR WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

T6N

COMPOSITE PLAT OF

GE N°2 EAST OF THE BOISE ME



SEC 34 T 7 N, R 2 E, B.M.

SUBDIVISION PLAT
BRANCH ESTATES

A TRACT OF LAND SITUATED IN A PORTION OF GOVERNMENT LOT 1 OF SECTION 3
T 6 N, R 2 E, BOISE MERIDIAN, BOISE COUNTY, IDAHO.

BASIS OF BEARINGS:

THE BASIS OF BEARINGS FOR THIS SURVEY IS THE EAST LINE OF GOV'T LOT 1 OF SECTION 3, T 6 N, R 2 E, BM AS SHOWN ON THE PLAT OF QUAIL VALLEY RANCH RECORDED JUNE 3, 1993 AS INSTR. No. 147493 IN THE OFFICE OF COUNTY RECORDER OF BOISE COUNTY, IDAHO, i.e. S 1°18'30"W

LEGEND:

- FOUND BRASS CAP MONUMENT
- ▲ FOUND 5/8" IRON PIN
- FOUND 1/2" IRON PIN
- FOUND PK NAIL
- FOUND 1" IRON PIPE OPEN
SET BRASS TAG PLS 6552
- ▲ SET 5/8" IRON PIN W/PLASTIC CAP PLS 6552
- SET 1/2" IRON PIN W/PLASTIC CAP PLS 6552
- SET LEAD AND TACK W/BRASS TAG PLS 6552 IN BOULDER

SANITARY RESTRICTIONS

SANITARY RESTRICTIONS ARE
IN FORCE IN ACCORDANCE
WITH IDAHO CODE No. 50-1326

NOTES:

1. THE DEVELOPER SHALL COMPLY WITH 31-3805, IDAHO CODE, RELATING TO TRANSFER OF WATER RIGHTS.
2. BUILDING SETBACKS SHALL BE AT LEAST:
FRONT 20 FEET.
REAR 15 FEET.
SIDE 10 FEET, PLUS 15 FEET BETWEEN BUILDINGS.
FLANKING STREET 20 FEET.
3. BOISE COUNTY ASSUMES NO RESPONSIBILITY FOR MAINTENANCE OF ROADS PLATTED HEREON, SUBJECT TO BOISE COUNTY ORDINANCE 93-1.
4. A 12 FOOT UTILITY AND DRAINAGE EASEMENT EXISTS INSIDE ALL LOT LINES ALONG ROADS AND ALONG THE SUBDIVISION BOUNDARY AND A 12 FOOT EASEMENT WILL BE CENTERED ON ALL INTERIOR LOT LINES.
5. LOTS SHALL NOT BE REDUCED BY SIZE WITHOUT PRIOR APPROVAL OF APPROPRIATE HEALTH AUTHORITY AND THE BOISE COUNTY COMMISSIONERS.
6. ALL AREAS SHOWN HEREON ARE FOR TAX PURPOSES ONLY.
7. UTILITY AND DRAINAGE EASEMENTS ALONG ROADS MAY BE USED AS A ROAD RIGHT-OF-WAY EASEMENT AND FOR SNOW STORAGE.
8. ALL ROADS PLATTED HEREON ARE PRIVATE ROADS AND THEREFORE NO COUNTY SERVICES (EXCEPT EMERGENCY IN NATURE) WILL BE PROVIDED.
9. ROAD GRADES SHALL NOT EXCEED 10%, EXCEPT THAT SECONDARY ACCESS EASEMENTS MAY EXCEED 10% GRADIENT.
10. LOT 13 (BRANCH WATER RD. AND MEADOW LANE - 2.7± AC) IS FOR PRIVATE ROADS WHICH ARE TO BE MAINTAINED BY THE BRANCH ESTATES HOME OWNERS ASSOC.

Fischer Land Surveying, Inc.

PROFESSIONAL LAND SURVEYING

- 404 So. Washington Ave.

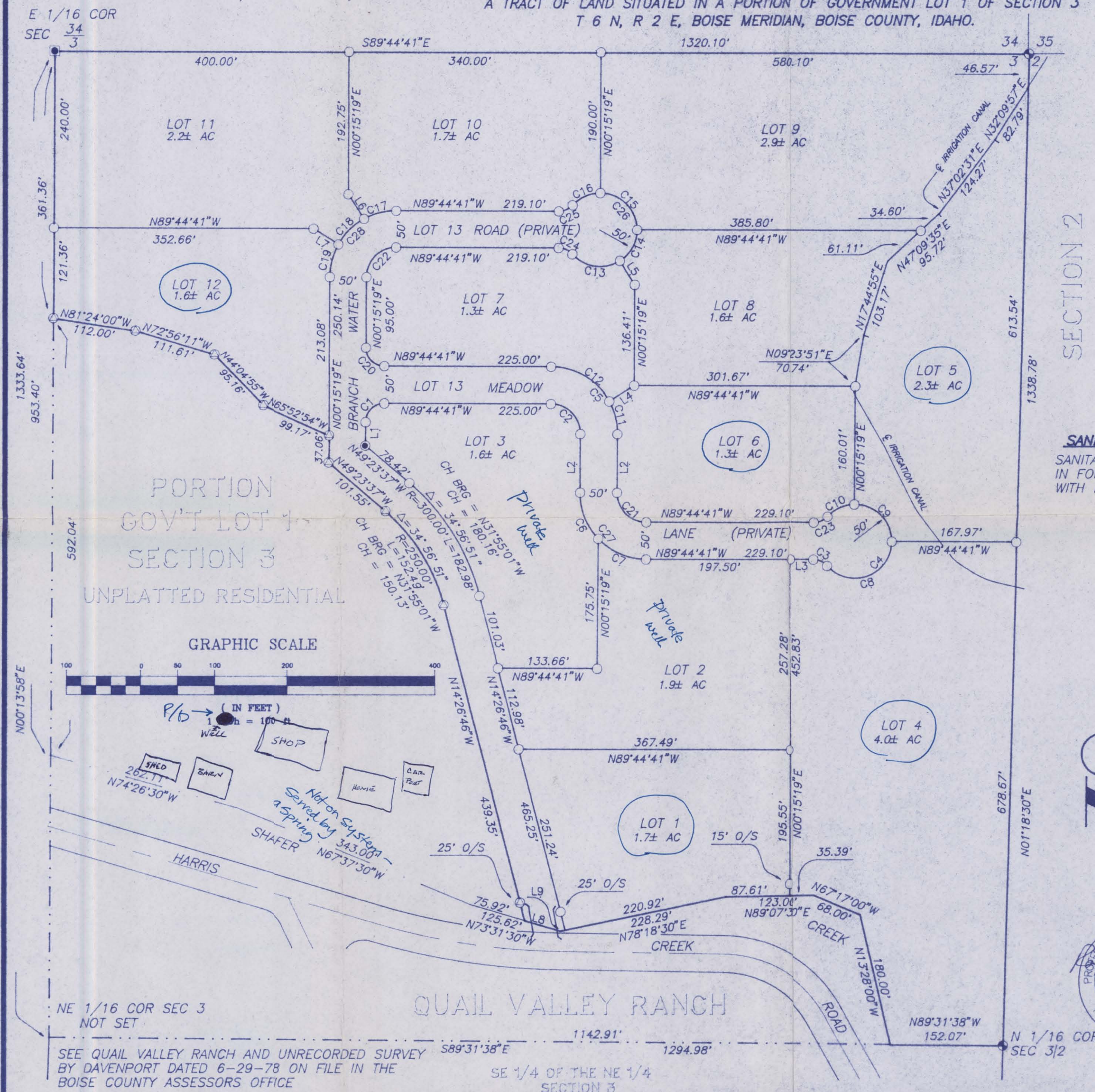
Emmett, Idaho 83617
Phone: (208) 365-4146

SHEET 1 OF 3
JULY 1993

INDEX No. 621-03-01-01-00 JOB No. 83-93

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NOV - 6 1996

WATER RESOURCES
WESTERN REGION

**STARTING
LEFT
SIDE OF
FILE**

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DEC 17 2004

Page 1
DEPARTMENT OF WATER RESOURCES

Permit No: 65-13702

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 65-13702

Exam Date: 5/2/2004

1. Current Owner: Branch Estates Inc.
22 BRANCH RD
HORSESHOE BEND ID 83629
(208) 793-3236

2. Accompanied by: Bill Branch

Phone No: (208) 793-2724

Address: PO Box 429, Horseshoe Bend, ID 83629

Relationship to Permit Holder: Former Owner

3. SOURCE**TRIBUTARY**

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 65-11392 and 65-5111
2. Other water rights with the same point of diversion: No Significant Water Rights

C. DIVERSION AND DELIVERY SYSTEM**1. LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER	L1 NE1/4NE1/4	Sec. 3,	Twp 06N,	Rge 02E, B.M.
BOISE County				
GROUND WATER	L1 NE1/4NE1/4	Sec. 3,	Twp 06N,	Rge 02E, B.M.
BOISE County				

Method of Determination:

2.

PLACE OF USE: DOMESTIC

Twp	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
06N	02E	3	X																
			L1																

Permit No: 65-13702 Page 3

Method of Determination:

3. **YES** Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
YES Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
YES Aerial Photo Attached (required for irrigation of 10+ acres).
YES 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
EAST WELL	FRANKLIN ELECTRIC	2 Hp	2823018310	UNKNOWN	2 INCH
WEST WELL	FRANKLIN ELECTIC	5 HP	2821139310	UNKNOWN	2 INCH

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

D. FLOW MEASUREMENTS

1.

Measurement

<u>Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
N/A						

2. Measurements: No measurements were performed on the well. The piping was too small to use a polysonic unit for measurement. Used a theoretical calculation for the pumps. No pump curve was available from the pump installer. They only keep records for 5 years.

E. FLOW CALCULATIONSYES Additional Computation Sheets Attached

Measured Method:

Theoretical Calculations.

East Well → 0.046 cfs
 West Well → 0.086 cfs

TOTAL CAPACITY OF SYSTEM → 0.132 cfs

Permit amount allows 0.10 cfs. This permit should be licensed for 0.10 cfs.

F. 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:

5 homes X 0.6 afa in-house use per home = 3.0 afa volume for permit

G. NARRATIVE/REMARKS/COMMENTS

This system consists of two wells that are then piped to 11 lots in the Branch Estates Subdivision. This permit was only filed for five of those lots, but all 11 have been developed or stubbed into the system. The water system has been turned over to the homeowners association and they are currently working with Western Region to get a permit filed for the other 6 homes and the allowance of supplemental yard irrigation in the future. One of the lot owners has their own well and are not part of the system.

Currently the only significant overlapping water rights are 65-11392 and 65-5111. These rights are from Schafer Creek and are used to irrigate the lawns and pastures of the subdivision. The wells are generally not used for irrigation due to their low productivity. However, they have been used in the past during drought conditions to maintain landscaping. The future application will cover any irrigation needs.

An assignment of permit was filed on this application, but was returned, because at the time of the assignment, there was not a homeowners association registered with the Idaho Secretary of State office. The homeowners have since formed a legal homeowners corporation, filed a change of ownership form and paid the \$25.00 fee. I included the change of ownership form with this field exam.

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS**1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
DOMESTIC	01/01 to 12/31	0.100 CFS	3.00 AF
	<u>Totals:</u>	0.100 CFS	3.00 AF

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

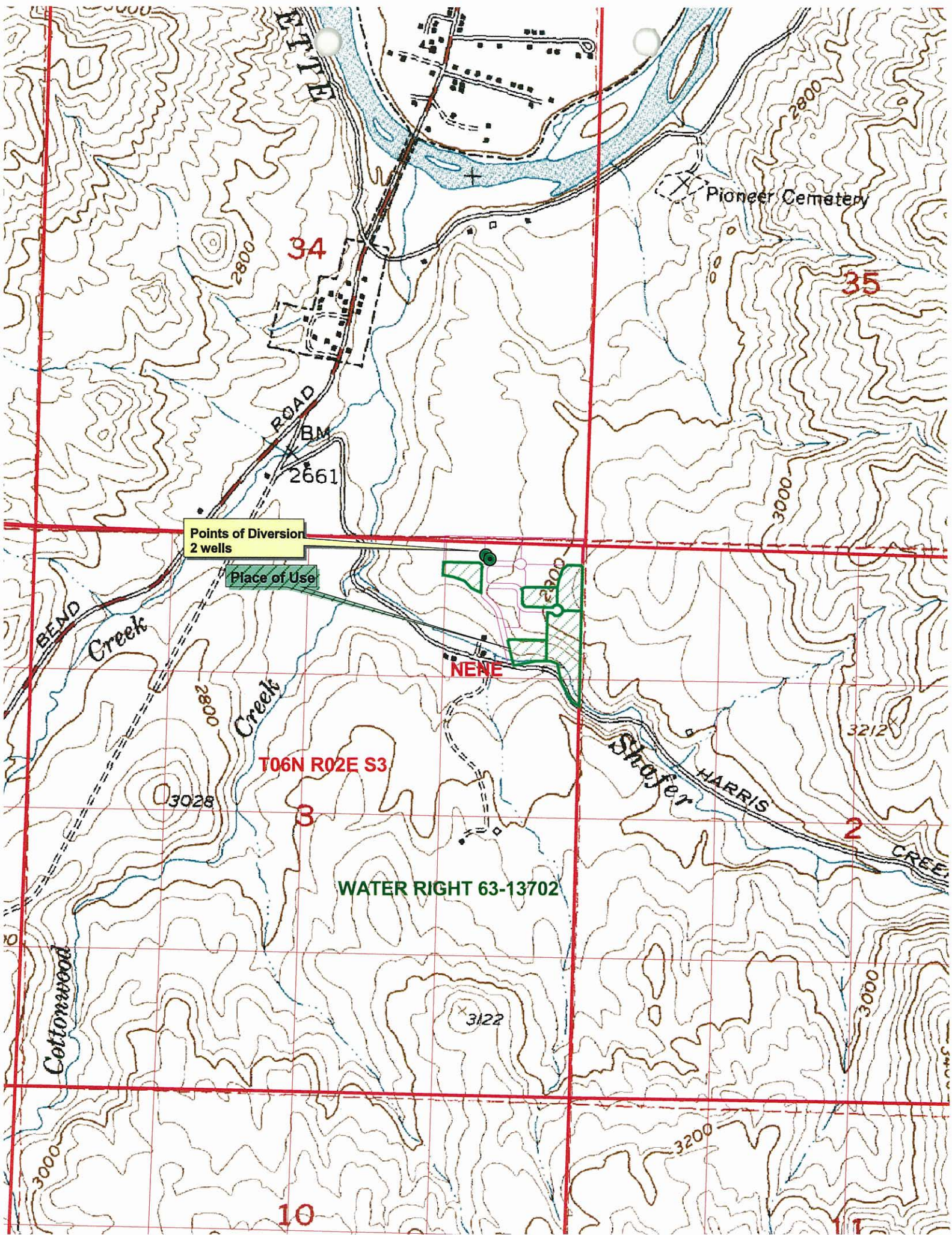
I. AUTHENTICATION

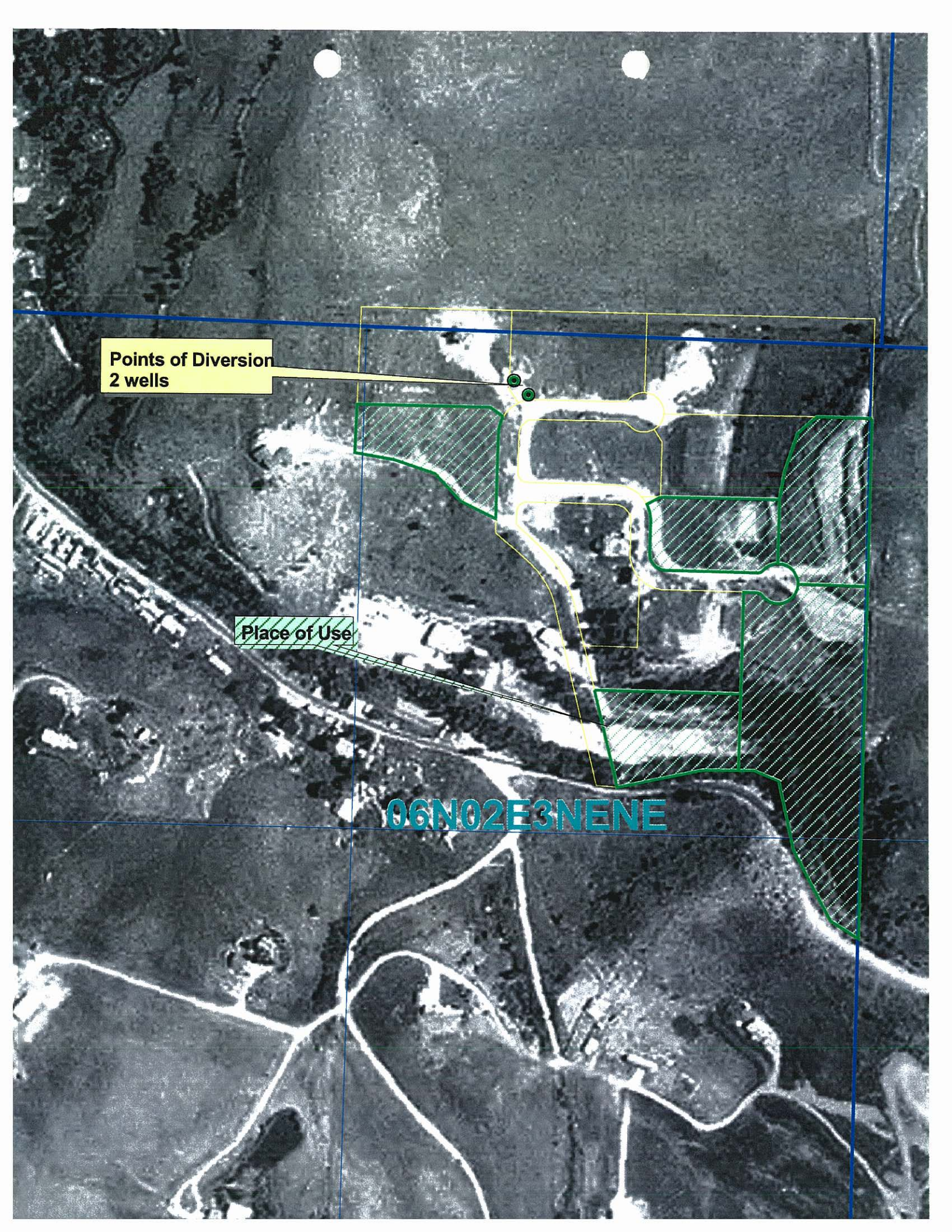
DANIEL A. NELSON – SENIOR AGENT

Field Examiner's Name Daniel A. Nelson Date 12-15-04

Reviewer _____ Date _____

SEAL



An aerial photograph of a landscape, possibly a wetland or coastal area, with various land parcels outlined. A yellow line outlines a large area in the upper right. Within this area, several smaller regions are outlined in green and filled with diagonal hatching. Two small green circles are located near the top center of the yellow-outlined area. A yellow line also outlines a path or boundary within the hatched areas. A blue line runs horizontally across the upper part of the image. A yellow label with black text points to the two green circles. A green label with black text points to one of the hatched areas. A large blue text label is at the bottom center.

Points of Diversion
2 wells

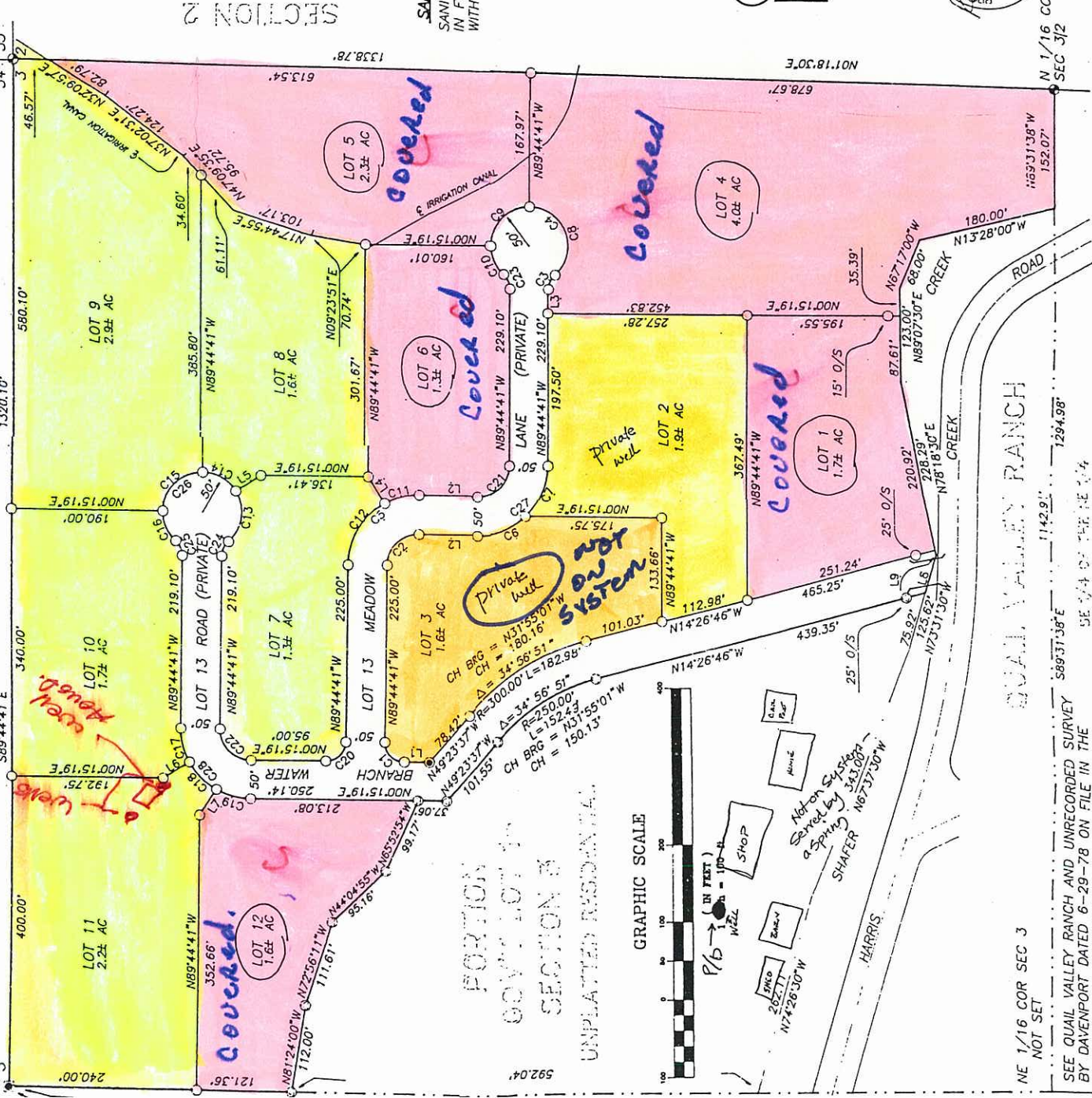
Place of Use

06N02E3NENE

SUBDIVISION PLAT BRANCH ESTATES

A TRACT OF LAND SITUATED IN A PORTION OF GOVERNMENT LOT 1 OF SECTION 3
T 6 N, R 2 E, BOISE MERIDIAN, BOISE COUNTY, IDAHO.

1/16 COR
34



SECTION 2

SANITARY RESTRICTIONS
SANITARY RESTRICTIONS ARE
IN FORCE IN ACCORDANCE
WITH IDAHO CODE NO. 50-

NOTES:

1. THE DEVELOPER SHALL COMPLY WITH 31-3605, IDAHO CODE, RELATING TO TRANSFER OF WATER RIGHTS.
2. BUILDING SETBACKS SHALL BE AT LEAST:
FRONT 20 FEET.
SIDE 10 FEET.
REAR 15 FEET.
PLUS 15 FEET BETWEEN BUILDINGS.
3. BOISE COUNTY ASSUMES NO RESPONSIBILITY FOR MAINTENANCE OF ROADS PLATTED HEREON, SUBJECT TO BOISE COUNTY ORDINANCE 9.1-1.
4. A 19 FOOT UTILITY AND DRAINAGE EASEMENT EXISTS INSIDE ALL LOT LINES ALONG BRANCH CREEK AND ALONG THE SUBDIVISION EASEMENT WILL BE CENTERED ON ALL INTERIOR LOT LINES.
5. LOTS SHALL NOT BE REDUCED BY SIZE WITHOUT PRIOR APPROVAL. APPROPRIATE HEALTH AUTHORITY AND THE BOISE COUNTY COMMISSIONERS.
6. ALL AREAS SHOWN HEREON ARE FOR TAX PURPOSES ONLY.
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10. LOT 13 (BRANCH WATER RD. AND MEADOW LAKE - 2.7± AC) IS FOR PRIVATE ROADS WHICH ARE TO BE MAINTAINED BY THE BRANCH ESTATES HOME OWNERS ASSOC.



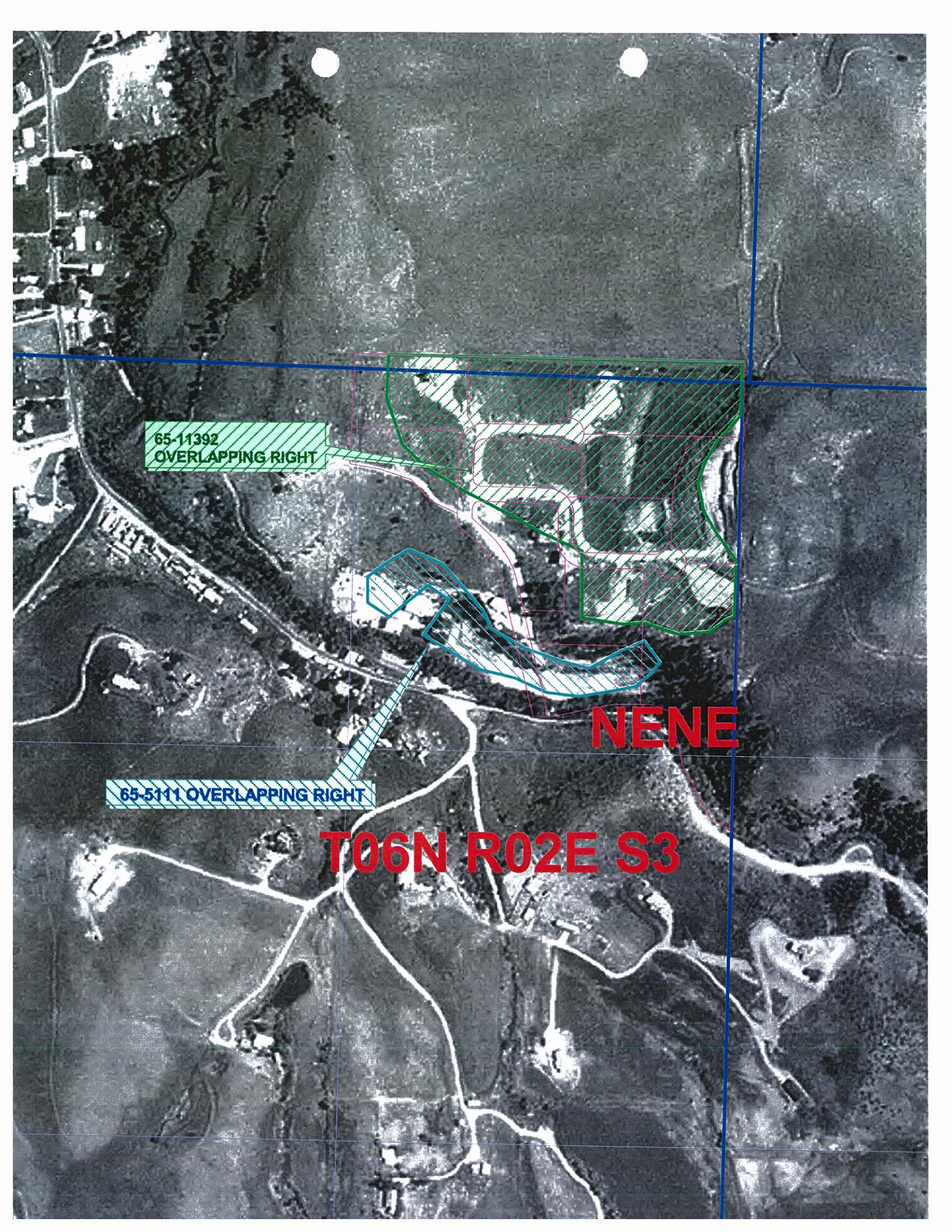
Fischer Land Surveying, Inc.
PROFESSIONAL LAND SURVEYING
404 So. Washington Ave.
Emmett, Idaho 83617
Phone: (208) 365-4146

INDEX No. 621-03-01-01-00 JOB No. 83
SHEET 1 OF 1
JULY 1

COAL VALLEY RANCH

SEE COAL VALLEY RANCH AND UNRECORDED SURVEY
BY DAVENPORT DATED 6-29-78 ON FILE IN THE
BOISE COUNTY ASSESSORS OFFICE

NE 1/16 COR SEC 3
NOT SET



65-11392
OVERLAPPING RIGHT

This is an aerial photograph of a rural landscape with various fields, roads, and some buildings. Overlaid on the image are several colored lines and shaded regions. A large green hatched area is in the upper right, with a red dashed line inside it. A blue hatched area is in the lower left, with a red dashed line inside it. A red dashed line also runs vertically through the center. A blue line runs horizontally across the middle. The text '65-11392 OVERLAPPING RIGHT' is in a green box pointing to the green hatched area. The text '65-5111 OVERLAPPING RIGHT' is in a blue box pointing to the blue hatched area. The text 'NENE' is in large red letters to the right of the blue hatched area. The text 'T06N R02E S3' is in large red letters at the bottom center.

65-5111 OVERLAPPING RIGHT

NENE

T06N R02E S3

GROUNDWATER THEORETICAL ANALYSIS

West Well

FILE: 65-13702

DATE: 5-2-2004

BY: Daniel A. Nelson

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

Q = CFS

HP = 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 [0])

$$Q = \frac{(8.8 \times (5 \text{ Hp}) \times (0.70))}{[(267) + (40 \times 2.31)]} = \frac{30.8}{359.4} = 0.086$$

LIFT FROM:

Measurement ()

Owner ()

Area estimate ()

Well Logs (☒)

Booster (Y) (N)

PSI FROM:

Measurement ()

Owner ()

Estimate (☒)

Owner Gage ()

NOTES ON PUMP:

Motor Make, Serial or ID

Pump Make, Serial or ID, rating

REMARKS: The well log shows a drawdown to 280 FT when well is pumped for 4 hrs. However, these wells generally are only used for a few minutes to a couple of hours at a time. Therefore, I used the standard pumping level calculation of (well depth - static water level) / 2 = pumping level.

$545 - 10 = 535 / 2 = 267 \text{ FT pumping level}$

40 psi was used for pressure, because it is the standard used for most homes.

GROUNDWATER THEORETICAL ANNALYSIS

FILE: 65-13702

East Well

DATE: 5-2-2004

BY: Daniel A. Nelson

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

Q = CFS

HP = 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 puijing water level

PSI = Pumping pressure measured in PSI near pump (if open discharge assume [0])

$$Q = \frac{(8.8) \times (240) \times (0.70)}{12.32} = 0.046 \text{ CFS}$$

$$[(177.5) + (40 \text{ psi} \times 2.31)] 269.9.$$

LIFT FROM:

Measurement ()

Owner ()

Area estimate ()

Well Logs (L)

PSI FROM:

Measurement ()

Owner ()

Estimate (✓)

Owner Gage ()

Booster (Y) (N)

NOTES ON PUMP:

Motor Make, Serial or ID

Pump Make, Serial or ID, rating

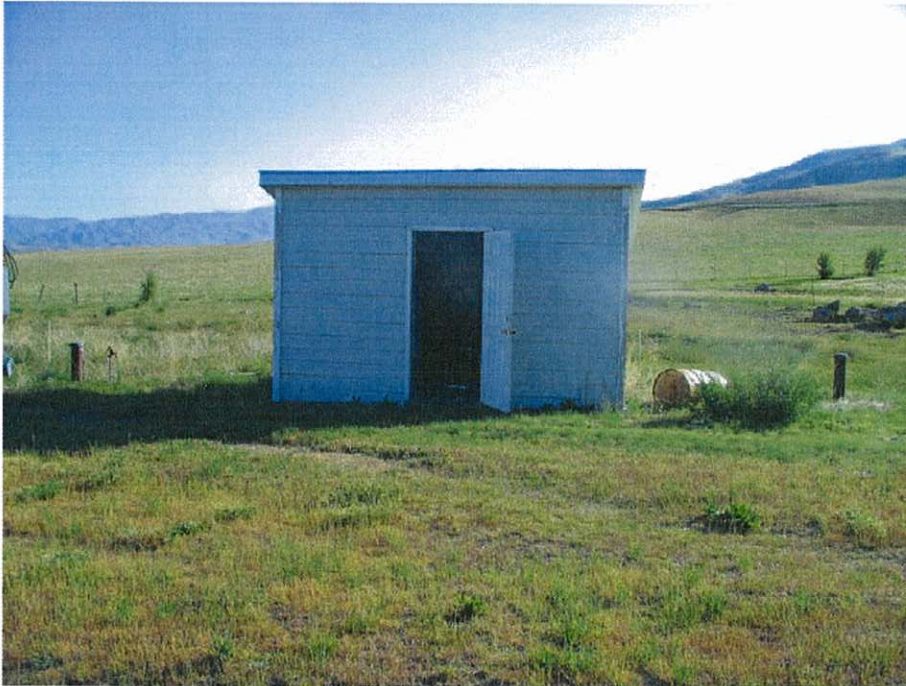
REMARKS: The well log shows a drawdown to 280 FT. when well is pumped for 4 hrs. However, these wells generally are only on for few minutes to couple of hours at a time. Therefore, I used the standard pumping level calculation of (well depth - static water level) / 2 = pumping level

$$380 \text{ FT} - 25 \text{ FT} = 355 \text{ FT} / 2 = 177.5 \text{ FT pumping level}$$

40 psi was used for psi, which is a household standard.

PHOTOGRAPHER AND DATE OF PHOTOS DANIEL A NELSON 5/2/2004

FILE NUMBER 65-13702



The picture above is of the well house and the two wells.

The picture below shows each of the two wells. The wells are only about 50 ft apart



PHOTOGRAPHER AND DATE OF PHOTOS DANIEL A NELSON 5/2/2004

FILE NUMBER 65-13702



This is a photo inside the well house. The wells come into the well house and are combined, pressurized and sent out through a common line to the homes.



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Boise, ID 83706 - P.O. Box 83720, Boise, ID 83720-0098
Phone: (208) 327-7900 Fax: (208) 327-7866 Web Site: www.idwr.state.id.us

January 22, 2001

DIRK KEMPTHORNE
Governor

KARL J. DREHER
Director

BILL BRANCH
PO BOX 429
HORSESHOE BEND ID 83629

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 65-13702

Dear Permit Holder:

The department acknowledges receipt of the proof of beneficial use form submitted for the above referenced permit.

The next step in the process of developing a water right is for the department to conduct a field examination to determine and confirm the use being made of the water, and that it meets the permitted beneficial use.

Be advised that Section 42-248, Idaho Code requires you or the owner of this water right to maintain current ownership and address records on file with the department. Forms to file a change of ownership of a water right and/or a change in the address of the water right owner are available from any department office.

If you have questions concerning the field examination, please contact the **Western** Regional Office of the department in Boise at (208) 334-2190.

Sincerely,

Deborah J. Gibson
Administrative Assistant
Water Allocation Bureau

Encl.

c: IDWR - Regional Office

MICROFILMED

JAN 31 2001

ANALYSIS SHEET FOR PROOF OF BENEFICIAL USE

Permit No.: 65-13702

Reviewed By: dgibson

Date: January 22, 2001

	<u>Yes</u>	<u>No</u>		<u>Yes</u>	<u>No</u>
Proof received timely?	X		Drilling permit required?		X
License examination fee required?	X		Drilling permit No.:		
Appropriate fee submitted?	X		Drilling permit upgrade needed?		
Receipt No.:		C051481	Well driller's report filed?		X
Additional Amount Due:			Measuring device required?		X
Name and address same as permit?		X	Measuring device installed?		
Are the water uses correct?	X		Measure device waiver requested?		

Priority Calculation

Date proof received		12/12/2000
Date proof due	-	01/01/2001
No. of days late	=	0
Holiday allowance	+	
Priority date	+	08/16/1996
New priority date	=	08/16/1996

Deficiencies of Actions Items

Acknowledge proof. P

Idaho Department of Water Resources Receipt

Receipt ID C051481

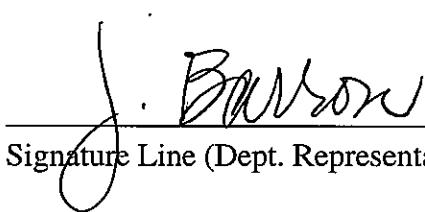
Payment Amount	\$50.00	Date Received	12/15/00 10:07:12 AM	Region	State	Status
Payment Type	Check	Check Number	2910			

Payer BRANCH ENTERPRISES, INC.

Comment #65-13702

Fee Detail

Amount	Description	Fund	FD	PCA	SO
\$50.00	BENEFICIAL USE	0229	21	56104	1155


Signature Line (Dept. Representative)

October 31, 2000

BILL BRANCH
HC 1 BOX 47A
HORSESHOE BEND ID 83629

PROOF DUE NOTICE

RE: PERMIT NO. 65-13702

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, 2001.

(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.

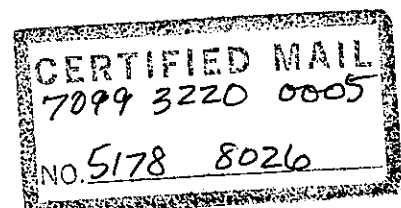
SINCERELY,

DEBORAH GIBSON
Administrative Assistant

Enclosures

MICROFILMED

JAN 3 1 2001





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

December 31, 1996

PHILIP E. BATT
GOVERNOR

BILL BRANCH
HC 1 BOX 47A
HORSESHOE BEND ID 83629

KARL J. DREHER
DIRECTOR

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 65-13702

Dear Permit Holder:

Enclosed is a copy of your approved application for permit. Please be sure to thoroughly review the "Conditions of Approval and Remarks" listing on the permit.

As a permit owner you must commence the excavation or construction of the diverting works within one year of the date the permit was issued, and you must proceed diligently until the project is completed. The date shown under condition no. 1 is the date when the project must be completed.

The Department will send you a "Proof Due Notice" approximately 60 days prior to the above referenced date requesting you to file either a Proof of Beneficial Use form or a Request for Extension of Time form.

Also, please note that as of July 1, 1996, water right owners are required to report any change of water right ownership and any change of mailing address to the department. If you have acquired a water right or have changed your mailing address PRIOR TO July 1, 1996, you have until July 30, 1998, to notify the department. If you acquire a water right or change your mailing address AFTER July 1, 1996, you must notify the department within 120 days of the change.

Failure to report these changes could result in a \$100 late filing fee. Contact any office of the department to obtain the proper reporting form.

Sincerely,

Shelley W. Keen
Water Rights Supervisor

SK:ph

Enclosures

MICROFILMED

MAR 25 1997

**APPLICATION FOR PERMIT
STATE OFFICE REVIEW
by Cindy Zimmerman**

11/96

No.: 65-13702 Name: Branch Date: 12/26/96 Ad OK? ☒ ☐ Gvmt Lts: ☒

AREA OF CONCERN? - No/Yes: _____ Mor / _____ GWMA / Trust / Non-trust

PROTESTED: - 020 (Protest Agreement)

SYSTEM COMPLETED:

Yes/proof filed - NA

1 year/no proof - P16

+1 year - 26A-P17

GROUNDWATER: <✓ FLO-CH>

+ 0.2 cfs - 01M

=/- 0.2 cfs - No MD

=/+ 5 a. - 01M, 065 (if GW use SW 1st)

DRILLING PERMIT:

Existing well - NA (pre 7/1/87)

Included w/permit - Permit No. 65-96-W-0058-000, P99

No WD permit? - 046-46B-P23 (post 7/1/87)

irr. in WD - P05 (new well)

SURFACE WATER <✓ FLO-CH> (Surface water that doesn't sink is regulated):

Water District (~~dem~~) - 005 (req) WD # _____ <SEE MAP & LISTING>

+ 0.2 cfs - 01J (meas dev)-P08

=/- 0.2 cfs - 01H (lock dev)-P01 or No MD

In WD + 0.2 cfs - 01M or No MD (in-stream stock or domestic)

- 0.2 cfs - No MD

=/+ 5 a. irr. - 01M

RIVER BASINS (*Surface water):

Snake R (01) - 11A-P04, NA

(02/03-irr) - 007-P07 (w/ remark *WB9- Weiser), NA

Boise River (63) - 05A (if WD), 11E (not 42-111 use), NA

Payette River (65) - 064 (regulated uses), 047-P04 (Payette Lake), NA

USE:

Domestic (surface) - *WB5 (Boise River above Star Bridge); 27A (Payette River); NA

Fish Propagation - 07A-042 (req)-010/06A/09E (WQ)-P10; 044 (North of 1000 Springs)

Irr <POU> =/- 5 a - 057 (0.03 cfs/acre)

+ 5 a - 03A (0.02 cfs/acre)

Mining - 054 (req) & 06A/010/09E-P10

Power - 08A-17K-025-027-028-01F(P19)-09E(P10);
+25 cfs-P18; 17G (FERC) or 17M (FERC); 18B-P09

Storage (✓3 compo.) - 072 (req); 18A (multiple MD within district), 18B-P09 (+10' dam),

LOCATION:

42-248 area - In 20/30/40/50/60/70/80 (87) basin P84

Boise Front LoGeo - 058 (-85° GW temp only)

In-stream dev. - P52 (stream channel alteration)

Irr Dist/Canal Co. - 023 (Twin Falls area)

Swan Falls Flag - _____ <SEE CODE CHART>

Trust - 051-052-053-P74 (Consumptive Uses), NA

Non-Trust <1> - 048-049 (Consumptive Uses), NA

OWNERSHIP: Non-owner

OTHER CONDITIONS:

STANDARD REMARKS:

BENEFICIAL USE DUE:

COMMENTS:

- 01P/LT 1, 4, 5, 6 & 12; Branch Est. ② w/01/5

- 1-1-2001

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPROPRIATION APPLICATION ANALYSIS SHEET

INITIAL REVIEW BY: Cyl DATE: 11/12/96 APPLICATION: 65-13702

REQUIRED INFORMATION

☒ Name: (If applicant is a corporation or partnership, names and addresses for the director, officers, and other partners must be included.)
☒ Address:
☒ Source: (See USGS Quad for names of water sources)
☒ Point of Diversion: (10 acres for spring, lot & block descriptions for Subdivisions, local name)
☒ County:
☒ Quantity: (flow and/or volume)
☒ Period of use:
☒ Nature of proposed use: (Include description of use)
☒ Description of diverting works:
☒ Time required for beneficial use of water:
☒ Place of use or acres irrigated:
☒ Map: (show T, R, S, QQ &/or QQQ)
☒ Subdivision plat: (for > 1 home in restricted area. $\geq$ 5 homes in non-restricted area)
☒ Signature: (If applicant is corp., partnership, or municipality, title of signatory is required)
☒ Fee:
☐ Yes ☐ No* In form to receipt:

Gov't. Lots:
☒ P/D
☒ P/U

ADDITIONAL INFORMATION

YES NO

☒ ☐ Overlapping place of use: (Describe source & relationship to present application on next page.)
☒ ☐ Overlapping point of diversion.
☐ ☐ Field check required: Field check by: _____
☐ ☐ Field report attached:
☐ ☒ Critical groundwater area:
☐ ☒ Groundwater management area:
☐ ☒ 1992 moratorium:
☐ ☐ Copy to SCA staff: (perennial stream, non-pump diversion &/or any mining).
☐ ☐ Copy to Dam Safety staff: (for any storage)
☐ ☐ Mitigation plan: where ground water replaces surface water for irrigation, request additional information &/or mitigation plan to address reduced aquifer recharge
☐ ☐ Send power requirement letter:
☐ ☐ Send fish farm requirement letter:
☐ ☐ Power residency affidavit:
☐ ☐ Power efficiency form:
☐ ☐ Diversion greater than 5 cfs or 500 af or irrigation greater than 200 acres: (If yes, attach Large Diversion supplementary analysis sheet.)
☐ ☐ *REQUEST ADDITIONAL INFORMATION FROM THE APPLICANT

DATE REQUESTED

ADDITIONAL INFORMATION ON REVERSE SIDE:

RECEIVED
DEC 23 1996

PROCESSING

APP. NO. 65-13702

YES NO

☒ ☐ In form for advertising:
☐ ☒ Statewide advertising: (> 10 cfs &/or 1000 af)
☒ ☐ Fee amount, receipt number and date recorded on application:

SEND COPIES TO:

YES NO

YES NO

☐ ☒ I.D. Health & Welfare
☒ ☐ I.D. District Health
☐ ☒ I.D. Fish & Game
☐ ☒ I.D. Lands
☐ ☒ Adjudication Bureau

☐ ☒ U.S. BLM
☐ ☒ U.S. Forest Service
☐ ☒ Water Dist. # _____
☐ ☒ Other _____

FINAL REGIONAL PROCESSING REVIEW:

YES NO

☒ ☐ Affidavit of publication received:
☒ ☐ Application published correctly: If not, record action taken.

☒ ☐ Publication dates and paper recorded on application:
☐ ☒ Protests received. Final date for protest 12-9-96
☐ ☒ Protest dates, resolution of protest recorded on application:
☐ ☒ Recommendations attached:
☐ ☒ Measuring device required:
☐ ☒ Measuring port required:
☐ ☒ Water delivered by water master? District # _____
☒ ☐ Special conditions of approval or cover letter: Approved -
allow 5 yrs., 26A, 46 + 46B (note: d.p. upgraded from \$35 to \$200 a/ready),
internal use only

☐ ☒ See below for additional information
Recommended Date or Priority 8-16-1996
Recommended by: JL Date: 12/19/96

STATE OFFICE REVIEW

☐ See below for additional information. By _____ Date _____

ADDITIONAL INFORMATION:

P/A overlap
65-10467, 10468, 11392, 5111, 9543 decreed rights. None claimed by
Stock Don 11r-17ac 11r 11r 3ac Branch in SRBA

P/D overlap 65-6608 10467 10468
(Shaefer (k) (Spring) (GW))

NOTICE OF APPLICATION FOR WATER RIGHT

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

63-12366

AUDETTE, FLOYD E
AUDETTE, LOUISE M
HC 33 BOX 901
BOISE, ID 83706

Source: SPRING

Tributary: SINKS

Diversion Pt: SESWSW Sec 24 T 04N R 03E in BOISE County.

Use: DOMESTIC (0.130 CFS)
Total Diversion: (0.130 CFS)

Date Filed: 10/24/1996

In: BOISE County
T04N R03E S24 SWSW SESW

65-13701

SCENIC VALLEY RV PARK
310 CLEAR LAKE LN
BUHL, ID 83316

Source: GROUNDWATER

Diversion Pt: LOT 4 9NWSW) Sec 17 T 09N R 09E in BOISE County.

Use: DOMESTIC (0.200 CFS)
Total Diversion: (0.200 CFS)

Date Filed: 11/1/1996

In: BOISE County
T09N R09E S17 Lot 4 (NWSW)

65-13702

BRANCH, BILL
RT 1 BOX 47A
HORSESHOE BEND, ID 83629

Source: GROUNDWATER

Diversion Pt: LOT 1 (NENE) Sec 3 T 06N R 02E in BOISE County.

Use: DOMESTIC (0.100 CFS)
Total Diversion: (0.100 CFS)

Date Filed: 8/16/1996

In: BOISE County
T06N R02E S03 Lot 1 (NENE)

Permits will be subject to all prior water rights. Protests may be submitted based on the criteria of Sec. 42-203A, Idaho Code. Any protest against the approval of this application must be filed with the Director, Dept. of Water Resources, Western Region, 2735 Airport Way, Boise, Idaho 83705 together with a protest fee of \$25.00 on or before DECEMBER 9, 1996. The protestant must also send a copy of the protest to the applicant.

KARL J. DREHER, Director

Published in The Idaho World November 20 and 27, 1996

MICROFILMED

MAR 26 1997



State of Idaho
DEPARTMENT OF WATER RESOURCES

Western Region, 2735 Airport Way, Boise, Idaho 83705-5082 - (208) 334-2190
FAX (208) 334-2348

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

November 15, 1996

ENVIRONMENTAL HEALTH
CENTRAL DISTRICT HEALTH DEPT
707 N ARMSTRONG PL
BOISE ID 83704

Re: Application for Permit No. 65-13702 in the Name of Bill Branch

Dear Sir:

Enclosed is a copy of the above-referenced application for permit which may be of interest to your agency. Please review the application and submit any comments you may have.

This office normally completes the processing of an application within a six-week period and is required to take final action shortly thereafter. However, if your agency desires to file a formal protest against the approval of this application, your written protest must be received in this office by December 9, 1996, with the required \$25 protest fee.

If you have any questions regarding the application, please contact this office.

Sincerely,

Steve Lester
Deputy Regional Manager

SL/st

Enclosure(s):

MICROFILMED
MAR 26 1997



State of Idaho.

DEPARTMENT OF WATER RESOURCES

Western Region, 2735 Airport Way, Boise, Idaho 83705-5082 - (208) 334-2190

FAX (208) 334-2348

September 9, 1996

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

BILL BRANCH
RT 1 BOX 47A
HORSESHOE BEND ID 83629

RE: Application for Permit

Dear Applicant:

Our office received your application to appropriate ground water for domestic purposes on 8/16/96. The application cannot continue to be processed without additional information.

Applications for multiple-family water systems of 5 or more homes are required to contain a subdivision plat map which shows lot dimensions and lot numbers. Please submit a copy of the subdivision map to this office.

I will hold your application pending receipt of the map. Feel free to contact me at 334-2190 if you have questions.

Sincerely,

Cindy Hodges
Sr. Water Resource Agent

MICROFILMED

MAR 26 1997

65-13702

BRANCH, BILL
RT 1 BOX 47A
HORSESHOE BEND, ID 83629

Source: GROUNDWATER

Diversion Pt: LOT 1 (NENE) Sec 3 T 06N R 02E in BOISE County.

Use: DOMESTIC	(	0.100 CFS)
Total Diversion:	(	0.100 CFS)

Date Filed: 8/16/1996

In: BOISE County
T06N R02E S03 Lot 1(NENE)

MICROFILMED

MAR 26 1997