

75956

Ident. No. 94-7528

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT
To appropriate the public waters of the State of Idaho

RECEIVED

SEP - 8 2009

IDWR/North

1. Name of applicant(s) J. Chris Pfahl & David H. Rust Phone 208-753-3811
Name connector (check one): ☒ and ☐ or ☐ and/or

Mailing address: PO Box 438 City Wallace

State ID Zip 83873-0438 Email: sveng@hughes.net

2. Source of water supply Ground Water which is a tributary of n/a

3. Location of point(s) of diversion:

Twp	Rge	Sec	Govt Lot	¼	¼	¼	County	Source	Local name or tag #
48N	5E	30		SE	SW	SW	Shoshone	Ground Water	

4. Water will be used for the following purposes:

Amount 0.04 cfs for Domestic purposes from Jan. 1 to Dec. 31 (both dates inclusive)
(cfs or acre-feet per year)

Amount 0.02 cfs for Commercial purposes from Jan. 1 to Dec. 31 (both dates inclusive)
(cfs or acre-feet per year)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per year)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per year)

5. Total quantity to be appropriated is (a) 0.06 cfs cubic feet per second (cfs) and/or (b) _____ acre-feet per year (af).

6. Proposed diverting works:

a. Describe type and size of devices used to divert water from the source. 48" diameter concrete well set on bed rock
with total depth below ground surface of approximately 15 feet (see attached plan). With up to 4 submersible pumps.

b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet. If the reservoir will be filled more than once each year, describe the refill plan in item 12.

c. Proposed well diameter is 48" inches; proposed depth of well is 15 feet.

d. Is ground water with a temperature of greater than 85°F being sought? no

e. If well is already drilled, when? _____; drilling firm _____;

Well was drilled for (well owner) _____; Drilling Permit No. _____.

7. Time required for completion of works and application of water to proposed beneficial use is 1 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 or the applicant's qualifications as a municipal provider. _____

d. Domestic; show number of households. 2 - duplex currently under construction

e. Other; describe fully. Commercial - Existing house log manufacturing plant with office. Water will be used in future bathroom and for other miscellaneous in plant uses.

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	
48N	4E	25											D					D	
48N	5E	30											C						

Total number of acres to be irrigated: n/a

10. Describe any other water rights used for the same purposes as described above. Include water delivered by a municipality, canal company, or irrigation district. If this application is for domestic purposes, do you intend to use this water, water from another source, or both, to irrigate your lawn, garden, and/or landscaping? No other sources of water.

11. a. Who owns the property at the point of diversion? J. Chris Pfahl
- b. Who owns the land to be irrigated or place of use? J. Chris Pfahl & David H. Rust
- c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: David H. Rust has easement to use water from well for duplex currently under construction.

12. Describe your proposal in narrative form, and provide additional explanation for any of the items above. Attach additional pages if necessary. Based on a test boring, approximately 6' of water is on top of the bedrock. Bedrock is approximately 15 feet below ground surface. It is proposed to construct a concrete well with a 48" x 5' precast concrete drywell and 3- 48" x 5' manhole risers (total height = 17') set on bedrock. Hole will be excavated with a track hoe, backfilled with coarse rock, and a 40' diameter pvc liner placed approximately 10' above bedrock. Concrete well will extend into well house. A submersible pump will be installed in the well to supply the duplex currently under construction and the existing house log manufacturing plant. See attached plan.

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.

The information contained in this application is true to the best of my knowledge. I understand that any willful misrepresentations made in this application may result in rejection of the application or cancellation of an approval.

J. Chris Pfahl
Signature of Applicant

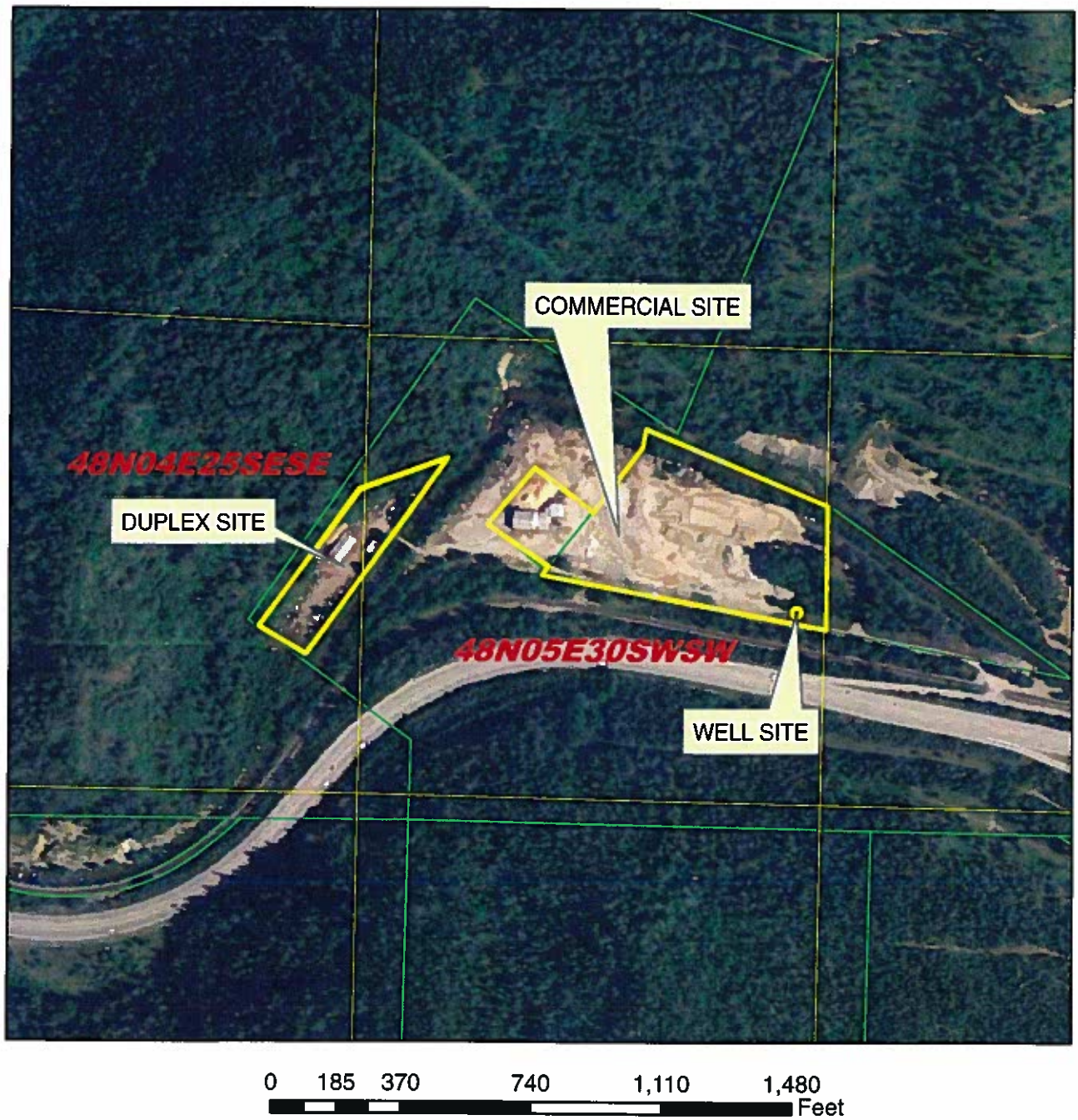
J. Chris Pfahl
Print Name (and title, if applicable)

David Rust
Signature of Applicant

David Rust
Print Name (and title, if applicable)

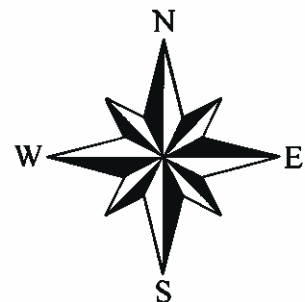
Received by cm Date 8-17-09 Time _____ Preliminary check by _____
 Fee \$ 100.00 Receipted by cm Receipt No. N081767 Date 8-17-09

94-7528



Legend

-  workingpod
-  workingpou
-  QQ
-  Taxlots



94/-7528

Well Specifications

Bottom section 1-48"x60" precast drywell

Upper sections 3-48"x48" precast manhole risers

Total height = $\pm 17'$

Depth below ground surface = $\pm 15.5'$

Water depth = $\pm 6'$

Well House Specifications

Wood frame construction w/steel roofing & siding

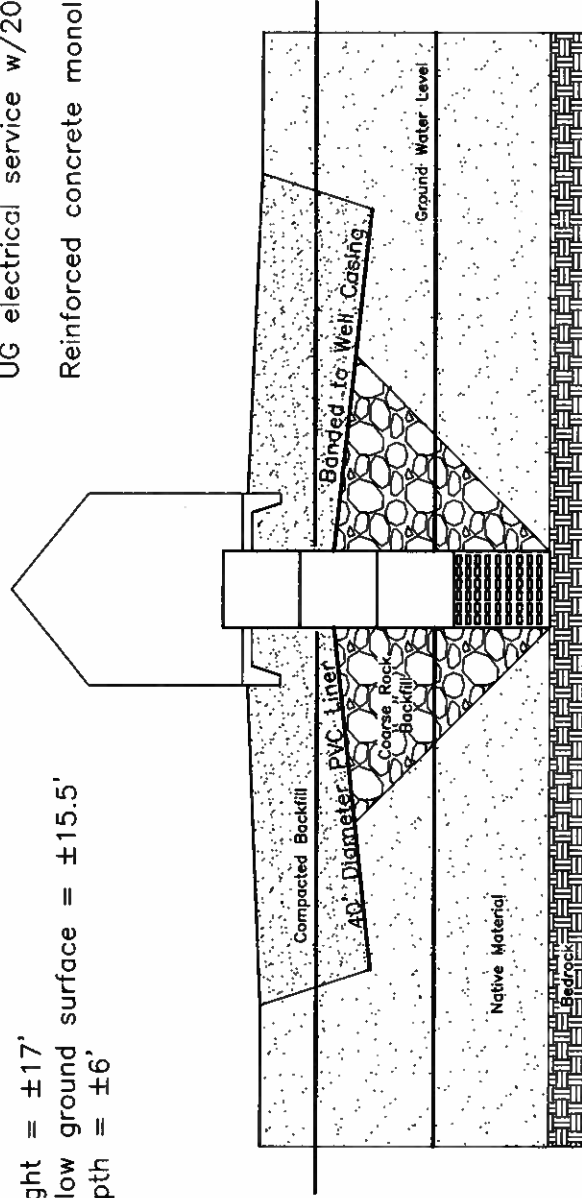
Insulated w/electric heat

UG electrical service w/200 amp panel

Reinforced concrete monolithic foundation

2 - 1.25" Water Distribution Lines to: Log plant Rust Residence

2 - 1.25" Water Distribution Lines to: 2 - Future Residences



Cross Section Through Well Looking North



J Chris Pfahl	TITLE: Golconda Well	48N05E-30-6000
SCALE: 1" = 10'	DATE: 8/10/09	DRAWN BY: JCP
		DWG09/Golconda Well.dwg

