

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 37-20800

Exam Date: 8/7/2012

1. Current Owner: JOHN N INFANGER
1821 S 1800 E
GOODING ID 83330
(208)934-5909

And/Or

DEBRA A INFANGER
1821 S 1800 E
GOODING ID 83330
(208)934-5738

2. Accompanied by: Not accompanied by anyone, but permission granted by owner to conduct field examination.

3. **SOURCE****TRIBUTARY**

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None. 37-21644 Infanger 0.28 cfs from the Little Wood River (is for external use only for the same POU); 37-10884 Infanger 0.04 cfs groundwater for domestic/stockwater (is for the property south of the POU for 37-20800)

2. Other water rights with the same point of diversion: None.

C. DIVERSION AND DELIVERY SYSTEM1. **LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER SE1/4SE1/4 Sec. 36, Twp 05S, Rge 14E, B.M. GOODING County

Method of Determination: ArcMap 2011/ESRI Imagery, GPS Map 76S

2.

PLACE OF USE: DOMESTIC

Twp	Rge	Sec	NE				NW				SW				SE				Totals
05S	14E	36	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
																		X	

Method of Determination: ArcMap 2011/ESRI Imagery, GPS Map 76S

3. ☐X Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
- ☐X Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- ☐X Aerial Photo Attached (required for irrigation of 10+ acres).
- ☐X Photo of Diversion and System Attached

4.

Well or Diversion

<u>ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge Size</u>
D0023118	Franklin Electric submersible	5	model no. 2821139310		unknown size

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

D. FLOW MEASUREMENTS**1. Measurements:**

Due to not being able to conduct a physical measurement on this system (no exposed pipe to conduct a polysonic), the following measurements were used to calculate the diversion rate:

Maximum Instantaneous Water Requirement for Domestic Use (internal use only): 9-homes = 0.14 cfs

Theoretical:

$(8.8 \times 5 \text{ Hp} \times 0.7 \text{ eff}) / [140 \text{ ft} + (55 \text{ psi} \times 2.31)] = 0.12 \text{ cfs}$

RECOMMEND:

Domestic 9-homes internal use only at 0.12 cfs

E. VOLUME CALCULATIONS**1. Volume Calculations for Domestic 9-homes:**

~~Normally we would use the IDWR Standard of 0.6 af/home X 9 homes = 5.4 af, but since on the approved permit condition 071 was used, the volume will be limited by this condition to not exceed 13,000 gpd per mobile home.~~

RECOMMEND: 5.4 af

~~Volume limited by condition 071 (not to exceed 13,000 gpd per mobile home). No volume listed on license.~~

F. NARRATIVE/REMARKS/COMMENTS

The system consists of a 6 inch casing, 223 ft deep well, 140 ft static, 5 Hp Franklin Electric submersible model number 2821139310, unknown discharge size, runs at 55 psi, 4 Well Elite pressure tanks inside the pump house that discharge to an unknown size buried line that splits into 2 lines, each distributing water to 2 sections of mobile homes (9-homes total stubbed, and present at the time of the 8/7/2012 field examination). Domestic use is internal use only, with water right 37-21649 from the Little Wood River used for external use.

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

G. RECOMMENDATIONS**1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>
DOMESTIC	01/01 to 12/31	0.120 CFS
Totals:		0.120 CFS

Volume
5.4
5.4 af
SH.

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

H. AUTHENTICATION

Field Examiner's Name

Sandy Hemenway Date 3/5/2013

Pos. 37
App 871473
Per 777111
ID 348925

HO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

CA

Office Use Only			
Inspected by _____			
Twp _____	Rge _____	Sec _____	
1/4 _____	1/4 _____	1/4 _____	
Lat: _____	Long: _____		

1. WELL TAG NO. **D0023118**

DRILLING PERMIT NO. **777111**

Other IDWR No. **871473**

2. OWNER:

Name **John Infanger**

Address **1821 S. 1800 E.**

City **Gooding** State **ID** Zip **83330**

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

N		Twp. 5		North ☐ or South ☒	
E		Rge. 14		East ☒ or West ☐	
S		Sec. 36		1/4 SE 1/4 SE 1/4	
W		Gov't Lot _____		County Gooding	
		Lat: _____		Long: _____	
Address of Well Site 1777 S. 1800 E.					
City Gooding					

(Give at least name of road - Distance to Road or Landmark)

Lt. _____ Blk. _____ Sub. Name _____

4. USE:

☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other _____

5. TYPE OF WORK: check all that apply (Replacement etc.)

☒ New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD:

☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES:

Seal/Filter Pack		AMOUNT		METHOD
Material	From To	Secks or Pounds		
bentonite	0 61	40 bags	dry pour	

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) _____

Was drive shoe seal tested? ☐ Y ☒ N How? _____

8. CASING/LINER:

Diameter	From To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	+2 61	.250	steel	☒	☐	☒	☐

Length of Headpipe **2'** Length of Tailpipe _____

9. PERFORATIONS/SCREENS:

☐ Perforations Method _____
☐ Screens Screen Type _____

From To	Slot Size	Number	Diameter	Material	Casing	Liner
					☐	☐
					☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

140 ft. below ground Artesian pressure _____ lb.

Depth flow encountered _____ ft. Describe access port or control

devices: **well cap**

11. WELL TESTS:

Yield gal./min.	Drawdown	Pumping Level	Time

Water Temp. **<85**

Bottom hole temp. **<85**

Water Quality test or comments: _____

Depth first Water Encounter **200'**

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From To	Remarks: Lithology, Water Quality & Temperature	Water Y N
8	0 11	top soil, sand & clay	
8	11 30	medium hard lava	
8	30 37	broken & loose lava	
8	37 63	medium lava	
6	63 91	medium lava	
6	91 93	cinders & soft lava	
6	93 116	medium lava	
6	116 123	broken lava & cinder pockets	
6	123 135	soft lava & cinder pockets	
6	135 141	soft lava, clay, ash & sand	
6	141 147	soft lava, breaks & ash	
6	147 151	soft lava	
6	151 161	soft lava, breaks & cinders	
6	161 193	medium lava	
6	193 201	soft lava & breaks	X
6	201 205	medium lava	
6	205 210	soft broken lava	X
6	210 212	soft lava	
6	212 214	breaks & cinders	X
6	214 217	soft lava	
6	217 223	broken lava & cinders	X

RECEIVED

SEP 10 2002

Department of Water Resources
Southern Region

Completed Depth **218'** (Measurable)
Date: Started **7/25/2002** Completed **7/25/2002**

13. DRILLER'S CERTIFICATION:

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name **Eaton Drilling & pump** Firm No. **26**

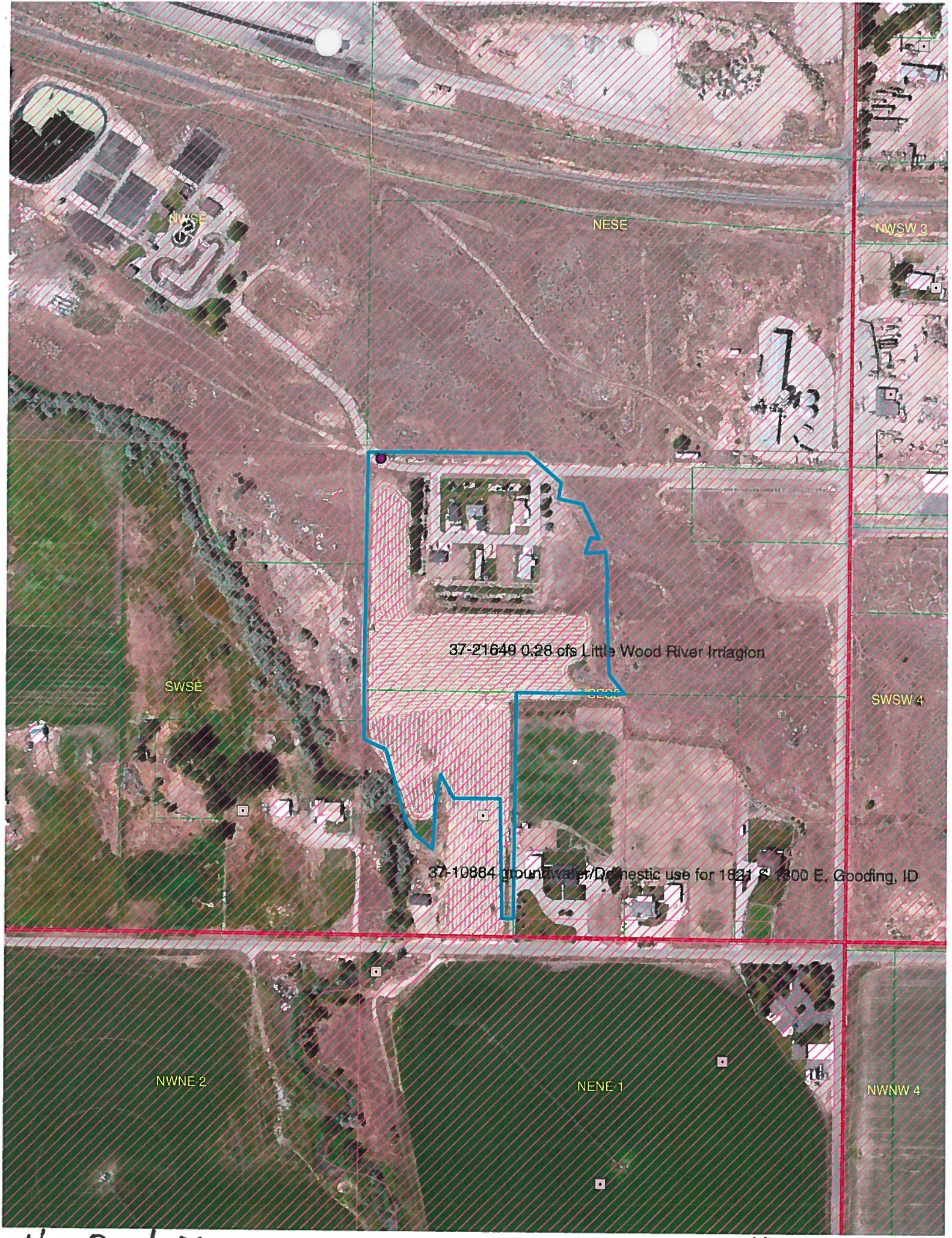
Service, Inc. Date **7/26/2002**

Firm Official **Log Wilson** and **W. J. Wilson** Date **7/26/2002**

Driller or Operator **W. J. Wilson** Date **7/26/2002**

(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES



No Overlaps

6/1/2023

NESE

SESE

POD
pump
House

unknown
make/size
distribution

9 Lots w/
9 mobile
homes
(at time
of field
exam)



POD

6" casing

225' deep

140' static

5HP

Submersible

Franklin

Electric

Model

232115931

55psi

D002318

casing

extends

21"

above

ground

level

08/07/2012

WARNING

SERIOUS OR FATAL SHOCK HAZARD

OVERLOAD PROTECTORS OR SWITCHES IN THIS BOX DO NOT CUT OFF ALL POWER LINES TO THE PUMP. EVEN THOUGH THE PUMP STOPS WHEN THE SWITCHES ARE OFF, TO AVOID SERIOUS OR FATAL SHOCK, SWITCH OFF POWER TO THIS BOX AT THE FUSE OR CIRCUIT BREAKER PANEL BEFORE WORKING ON OR AROUND THE BOX, PIPES, CABLE, PUMP, OR MOTOR. DO NOT USE OR TOUCH THIS BOX, PIPES, CABLE, PUMP OR MOTOR UNLESS ALL METAL PARTS HAVE BEEN PROPERLY GROUNDED ACCORDING TO APPLICABLE CODES.

Franklin Electric
Merrillville, Indiana 46550 USA

Franklin Electric
MODEL 2621139310 R.P. 5
R.P.M. 3450AMP. 23 0 37.1 15 37. MAX AMP. 27 5 CODE F
CONT. DUTY DAILY 01K15
VOLT 230
HZ 60 PH 1
PUSH TO RESET

37-20800 Infanges

S. Hemminger



(4) Well Elite pressure tanks run at 55psi

WR 360 tanks to (3) 2 1/2" poly lines, to (2) unknown size/type lines that supply 9- mobile homes



37- 20800 Infanger

S. Hemerly

PDU
Dom. 9
intern
use
only



9
mobile
homes

unknow
size
buried
main



37-20800 Inlarsen

S. Hemerway