

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-9078

Exam Date: 8/3/2007

1. Current Owner: ROD V PLESE
201 W FRANCIS
SPOKANE WA 99205
(509)489-2323

Or

PLESE GANG LP
201 W FRANCIS AVE
SPOKANE WA 99205
(509)489-2323

2. Accompanied by: UNACCOMPANIED

Phone No:

Address:

Relationship to Permit Holder:

3. SOURCETRIBUTARY

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: NONE
2. Other water rights with the same point of diversion: NONE

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

GROUND WATER

L10 SE1/4SE1/4

Sec. 9, Twp 48N, Rge 04W, B.M.

KOOTENAI County

Method of Determination: GPS

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
48N	04W	9																X	
																		L 10	

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
48N	04W	9																4.9	
																		L 10	4.9

Total Acres: 4.9

Method of Determination:

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

4.

<u>Well or Diversion 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>
<i>See Attached</i>					
<i>95-99-N-9</i>					
<i>D-5710</i>					

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

D. FLOW MEASUREMENTS

1.

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

2. Measurements:

E. FLOW CALCULATIONS☐ Additional Computation Sheets Attached

Measured Method:

PUMP EQUATIONS					
WATER RIGHT No.			95-9078		
	HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI
$Q = \frac{HP \times 8.8 \times \text{Eff}}{H}$	5	166.0816327	0.75	62	45
Q = 0.199 cfs 89.3 gpm					

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 4.9 \times 3 = 14.7$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = .14 \times 246 \times 1.9835 = 68.3 \text{ AF}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 14.7 \text{ AF}$$

2. Volume Calculations for Other Uses:

$$\begin{array}{r} 14.7 \text{ AF IRR} \\ + .6 \text{ AF Dom} \\ \hline 15.3 \text{ AF total} \end{array}$$

G. NARRATIVE/REMARKS/COMMENTS

THIS SYSTEM USES GROUNDWATER FOR DOMESTIC AND IRRIGATION USES. THE DOMESTIC IS FOR 1 HOME AND THE IRRIGATION IS FOR 4.9 ACRES.

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	0.060 CFS	.6 AF
IRRIGATION	03/15 to 11/15	0.140 CFS	14.7 AF
<u>Totals:</u>		0.200 CFS	15.3 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

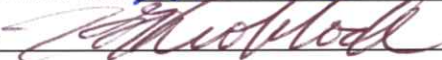
Field Examiner's Name



Date

10-1-07

Reviewer



Date

10/4/7

95-9078



0.09 0 0.09 0.18 Miles

-  GCDB48N04W GCDB
-  Right POD
-  Pou.shp



Use Typewriter
or
Ball Point Pen

WELL DRILLER'S REPORT
076601

APR 21 1999

1. DRILLING PERMIT NO. 95-99-N-9
Other IDWR No. Well Tag I.D. # D5770

2. OWNER:

Name Rod V. Plese
Address W. 201 Francis
City Spokane State Wa Zip 99205

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

Twp. 48 North ☒ or South ☐
 Rge. 4 East ☐ or West ☒
 Sec. 9 N 1/4 SW 1/4 SE 1/4
 Gov't Lot 10 County Kootenai
10 acres 40 acres 160 acres

Address of Well Site Rockford Bay
Rockford Bay / Black Rock Rd. City Cd A
(Give at least name of road, distance to road or landmark)

Lt. _____ Blk. Parcel 3 Sub. Name _____

4. PROPOSED USE:

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

5. TYPE OF WORK

☒ New Well ☐ Modify or Repair ☐ Replacement ☐ Abandonment

6. DRILL METHOD

☐ Mud Rotary ☒ Air Rotary ☐ Cable ☐ Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK			AMOUNT	METHOD
Material	From	To	Sacks or Pounds	
Bentonite	0	20	18 sacks	Pumped/dry

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 78'
Was drive shoe seal tested? Y ☐ N ☒ How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6	+2	78	.250	steel	☒	☐	☐	☐
					☐	☐	☐	☐
4	-5	180	Sch 40	PVC	☐	☒	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS

☒ Perforations Method Skil-saw
☐ Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Line
120	170	1/4"	160			☐	☒
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

62 ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or
control devices: _____

11. WELL TESTS:

☒ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
30 gpm	- 0 -	150'	4 hrs
200 + Air test		develops	2 hrs.

Water Temp. 55° Bottom hole temp.

Water Quality test or comments: Chloriform + Nitrate n/o
Depth 1st wtr. encountered

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

[illegible]

13. DRILLER'S CERTIFICATION

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

Firm Name Vermillion Well Drilling Firm No. 467

Firm Official _____ Date _____

and
Supervisor or Operator Keith D. Jernigan 4/19/99
(Sign once if Firm Official & Operator)

(Sign once if Firm Official & Operator)

45N 4W 9

FORWARD WHITE COPY TO WATER RESOURCES



IDWR WELL TAG



PLACE OF USE 1



PLACE OF USE 2



PLACE OF USE 3



PLACE OF USE 4



WELL

95-9078



95-9078





95-9078





95-9078

