

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-9052

Exam Date: 8/8/2007

1. Current Owner: STEPHEN A TANNER
2596 S GREENSFERRY RD
COEUR D ALENE ID 83814
(208)773-7769
2. Accompanied by: **OWNER**
Phone No: **SAME**
Address: **SAME**
Relationship to Permit Holder:

3. **SOURCE** **TRIBUTARY**
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 NW1/4 SW1/4 Sec. 13, Twp 50N, Rge 05W, B.M. KOOTENAI County

Method of Determination: **GPS**

2.

PLACE OF USE: DOMESTIC

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
50N	05W	13										X							

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</u> <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</u> <u>Size</u>
95-77-N-38	—	3/4	—	?	—
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—

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

D. FLOW MEASUREMENTS

1.

<u>Measurement</u> <u>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: 4.5 gallons in 30 seconds = 9 gpm

E. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:

PUMP EQUATIONS					
WATER RIGHT No.			95-9052		
	HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI
$Q = \frac{HP \cdot 8.8 \cdot \text{Eff}}{H}$	0.75	196.0816327	0.7	92	45
Q = 0.024 cfs 10.6 gpm					

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: **DOMESTIC 1.2 AF****G. NARRATIVE/REMARKS/COMMENTS**

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

H. RECOMMENDATIONS

1. Recommended Amounts

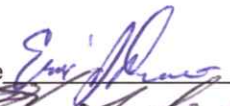
<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
DOMESTIC	01/01 to 12/31	0.020 CFS	1.20 AF
<u>Totals:</u>		0.020 CFS	1.20 AF

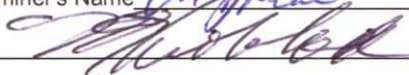
2. Recommended Amendments

☐ 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 9-11-2007

Reviewer  Date 9/20/07

WELL DRILLER'S REPORT

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 Ruffie J. Cady
 Address Rt 1 Box 53 B Coeur d'Alene Idaho
 Owner's Permit No. 95-77-N-58

2. NATURE OF WORK
☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe method of abandoning)

3. PROPOSED USE
☒ Domestic ☐ Irrigation ☐ Test ☐ Other (specify type)
☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection

4. METHOD DRILLED
☐ Cable ☒ Rotary ☐ Dug ☐ Other

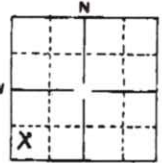
5. WELL CONSTRUCTION
 Diameter of hole 6 inches Total depth 350 feet
 Casing schedule: ☒ Steel ☐ Concrete

Thickness	Diameter	From	To
<u>4</u> inches	<u>6</u> inches	<u>1</u> feet	<u>29</u> feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

 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

Number	From	To
<u>100</u> perforations	<u>80</u> feet	<u>100</u> feet
<u>100</u> perforations	<u>240</u> feet	<u>260</u> feet
_____ perforations	_____ feet	_____ feet

300 ft. of 4" PVC Liner
 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 18' Material used in seal ☐ Cement grout
Bentonite ☐ Puddling clay ☒ Well cuttings
 Sealing procedure used ☐ Sherry pit ☐ Temporary surface casing
☒ Overbore to seal depth

6. LOCATION OF WELL
 Sketch map location must agree with written location. 95

 Subdivision Name _____
 Lot No. _____ Block No. _____
 County Kootenai
SW 1/4 SW 13 T. 50 N. 5 E. 10

7. WATER LEVEL
 Static water level 92 feet below land surface
 Flowing? ☐ Yes ☒ No G.P.M. flow _____
 Temperature _____ ° F. Quality _____
 Artesian closed-in pressure _____ p.s.i.
 Controlled by ☐ Valve ☐ Cap ☐ Plug

8. WELL TEST DATA
☐ Pump ☐ Bailor ☒ Other Air

Discharge G.P.M.	Draw Down	Hours Pumped
<u>Approx 4</u>		

9. LITHOLOGIC LOG

Hole Diam.	Depth		Material	Water	
	From	To		Yes	No
<u>6</u>	<u>0</u>	<u>79</u>	<u>Sandy Loam</u>		
	<u>79</u>	<u>92</u>	<u>Granite</u>		
	<u>92</u>	<u>94</u>	<u>Dec. Granite</u>		
	<u>94</u>	<u>138</u>	<u>Granite</u>		
	<u>138</u>	<u>140</u>	<u>Quartzite</u>		
	<u>140</u>	<u>178</u>	<u>Granite</u>		
	<u>178</u>	<u>182</u>	<u>Fractured Granite</u>		
	<u>182</u>	<u>184</u>	<u>Granite</u>		
	<u>184</u>	<u>192</u>	<u>Quartzite</u>		
	<u>192</u>	<u>193</u>	<u>Fractured Granite</u>		
	<u>193</u>	<u>197</u>	<u>Granite</u>		
	<u>197</u>	<u>200</u>	<u>Dec. Granite</u>		
	<u>200</u>	<u>206</u>	<u>Quartzite</u>		
	<u>206</u>	<u>240</u>	<u>Granite</u>		
	<u>240</u>	<u>241</u>	<u>Fractured Granite</u>		
	<u>241</u>	<u>350</u>	<u>Granite</u>		

10. Work started 8-19-77 finished 8-23-77

11. DRILLERS CERTIFICATION
 Firm Name Enterprise Drilling Co. Firm No. 302
 Address Box 404 Post Falls, Idaho Date 8-23-77
 Signed by (Firm Official) [Signature]
 and
 (Operator) [Signature]

95-09052



0.09 0 0.09 0.18 Miles

-  Place of use.shp
-  Kootenai taxlots
-  GCDB50N05W GCDB
-  GCDB50N04W GCDB
-  Right POD
-  Point of diversion.shp





YARD.jpg



FLOW LOCATION .jpg



HOME.jpg



WELL LOCATION.jpg



WELL.jpg





