

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 98-7873

Exam Date: 07/19/2018

1. Current Owner:

ROBERT PAUL SHELTON 5751 N 15TH ST DALTON GARDENS ID 83815 AND/OR

LESLIE ANN SHELTON 5751 N 15TH ST DALTON GARDENS ID 83815

2. Accompanied by:

Phone No:

Address:

Relationship to permit Holder:

3. **SOURCE:**

GROUND WATER

Method of Determination: Maps and DRG**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: None

Water Right No.	Source	Purpose of Use	Basis

Comments: _____

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

Water Right No.	Source	Purpose of Use	Basis

Comments: _____

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

GROUND WATER NW¼ SE¼, Sec. 1, Twp 61N, Rge 01E, B.M. BOUNDARY County

Method of Determination: Maps and GPS. POD (D0053770) located at -116° 16.534, 48° 39.893 given IDWR tag A0020105

PLACE OF USE: DOMESTIC

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
61N	01E	1														X			

Method of Determination: Google Earth and Arcmap

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.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
D0053770	UNKOWN				

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
5 gallon bucket						

2. Measurements: 5 gallon bucket test measured in 8.0 sec, 8.1 sec, and 8.0 sec for an average of 8.0 seconds.

5 gal / 8 sec X 60 sec = 37.5 gpm or 0.08 cfs

E. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method: N/A

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation: N/A

$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$

$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$

$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} =$

2. Volume Calculations for Other Uses: Domestic use for 1 home is equal to 0.6 acre-feet

G. NARRATIVE/REMARKS/COMMENTS

The applicant was contacted about setting up a time for field exam. Mr. Shelton stated he would not be able to attend the field exam, but gave permission to perform exam without his presence. We chatted about the permit and what had occurred and he stated that not much had taken place. He had the well drilled and they had camped up on the property, but no home, irrigation, or stockwatering had been accomplished. Because proof had been submitted and some domestic use had been established a drive by exam was performed.

A field exam was performed on July 19, 2018 and showed a well with unknown pump size. A 5 gallon bucket was performed and found the average fill was in 8 seconds. This shows the well is able to produce 37.5 gpm or 0.08 cfs. There were numerous frost free hydrants around the property along with rolls of black poly pipe. Mr. Shelton had explained on the phone how they had planned to retire on that property and that is why they had applied for the permit. He said they hadn't retired when they had hoped and things hadn't been accomplished on this property like they planned. Because they had put the time and money into applying for the permit and submitting proof, credit for the domestic use will be licensed. The water had been used beneficially in the form of camping on the property. It is believed that the pump was installed to cover all other uses that had been applied for. The applicant was made aware that he would need to apply for a new permit when they got closer to retiring and building on the site was closer. The license will be issued with a diversion rate of 0.04 cfs and an annual volume of 0.6 acre-feet.

Most conditions on permit were removed as they were no longer needed. Conditions 26a, 046, R62, and X02 were removed from the license. Condition 132 was changed to X01. All remaining conditions were left on license. Cabinet Mountains Water District shows a service area in this location, but the applicant is not hooked into their system. There are no overlap concerns.

Have conditions of permit approval been met? X Yes No

H. RECOMMENDATIONS**1. Recommended Amounts**

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>	<u>Annual Volume</u>
DOMESTIC	01/01 to 12/31	0.04 CFS	0.6 AF
<u>Totals:</u>		0.04 CFS	0.6 AF

2. Recommended Amendments

 Change P.D. as reflected above Add P.D. as reflected above X None

 Change P.U. as reflected above Add P.U. as reflected above X None

I. AUTHENTICATION

Adam Frederick - Water Resource Agent, Senior

Field Examiner's Name Adam Frederick Date 3/22/2019

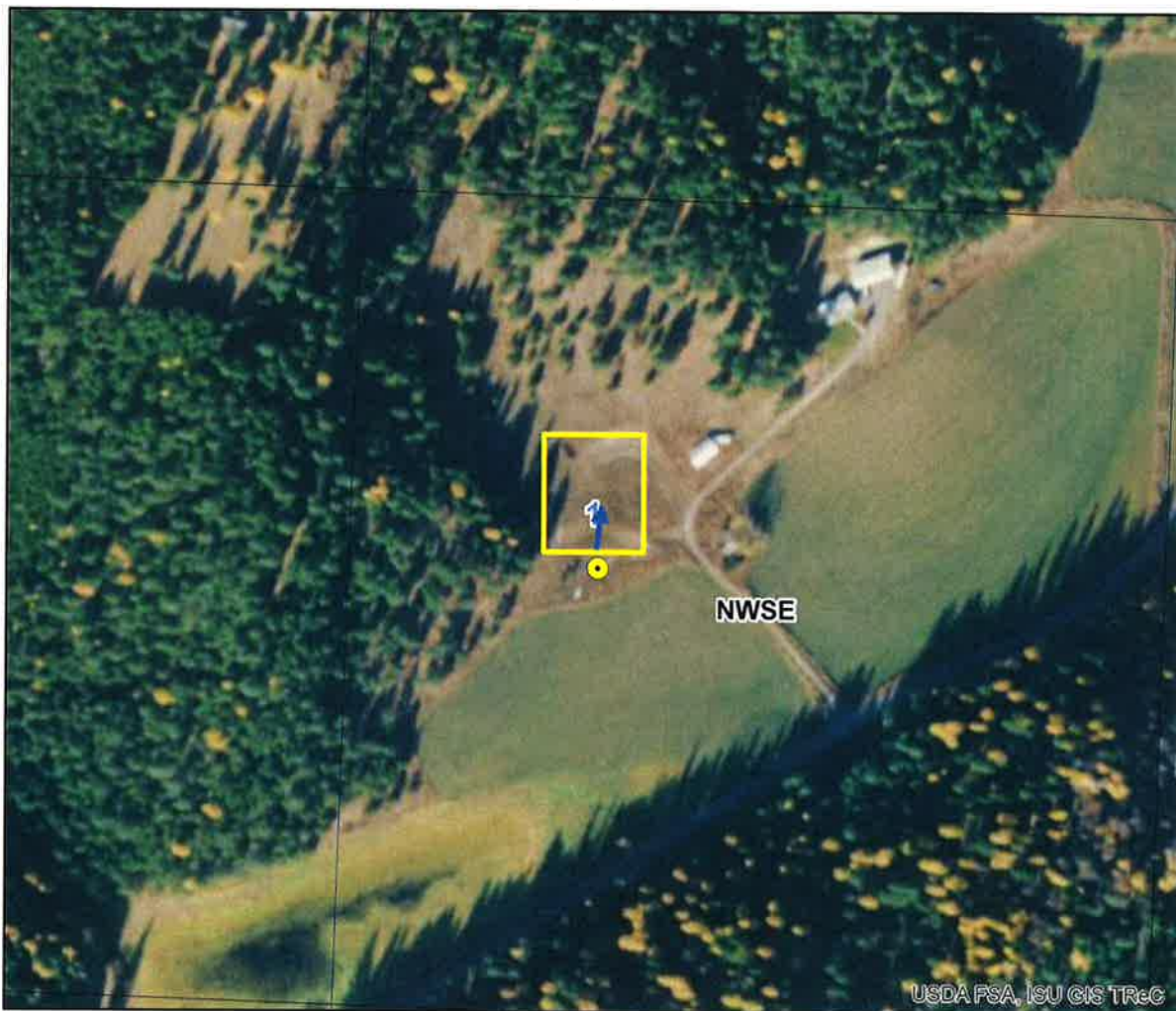
Reviewer Douglas Jones P.E. Date 4/6/2019

State of Idaho
Department of Water Resources
Attachment to Field Exam
98-7873

DOMESTIC / SYSTEM DIAGRAM

01E

61N



-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections
-  Quarter Quarters

0 0.035 0.07 0.14 Miles



IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Location Corrected by IDWR To:
T61N R01E Sec. 1 NENWSE
By: mciscell 2013-10-16

1. WELL TAG NO. D 0053770

DRILLING PERMIT NO. 849306

Other IDWR No. _____



2. OWNER:

Name ROBERT PAUL SHELTON

Address 6398 S MAIN STREET

City BONNERS FERRY State ID Zip 83805

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

Map grid showing well location. Twp. 61 North ☒ or South ☐ Rge. 1 East ☒ or West ☐ Sec. 1 NW 1/4 NE 1/4 SE 1/4 Gov't Lot _____ County BOUNDARY Lat: 48 39 959 Long: 116 16 424 Address of Well Site PARKER CANYON RD #22 City BONNERS FERRY

(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	Sacks or Pounds		
BENTONITE	0	18	300#		OVERBORE

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 243

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

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6	+1.5	243	.250	STEEL	☒	☐	☒	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS:

☐ Perforations ☐ Screens Method _____ Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

36 ft. below ground Artesian pressure _____ lb.
Depth flow encountered 210 ft. Describe access port or control devices: WELL CAP

11. WELL TESTS:

☐ Pump	☐ Bailer	☒ Air	☐ Flowing Artesian
Yield gal./min.	Drawdown	Pumping Level	Time
<u>45</u>	<u>220</u>	<u>220</u>	<u>2 HR</u>

Water Temp. COLD Bottom hole temp. COLD

Water Quality test or comments: _____

Depth first Water Encounter 210

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water
10	0	18	BROWN CLAY	
6	18	40	BROWN CLAY	
6	40	205	GREY CLAY	
6	205	210	GRAVEL/CLAY	
6	210	250	GRAVEL/SAND/WATER	X
6	250	260	GRAVEL/BOULDERS/CLAY	

RECEIVED

9 3 2007

IDWR/North

Completed Depth 260 (Measurable)
Date: Started 9/14/2007 Completed 9/15/2007

13. DRILLER'S CERTIFICATION:

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

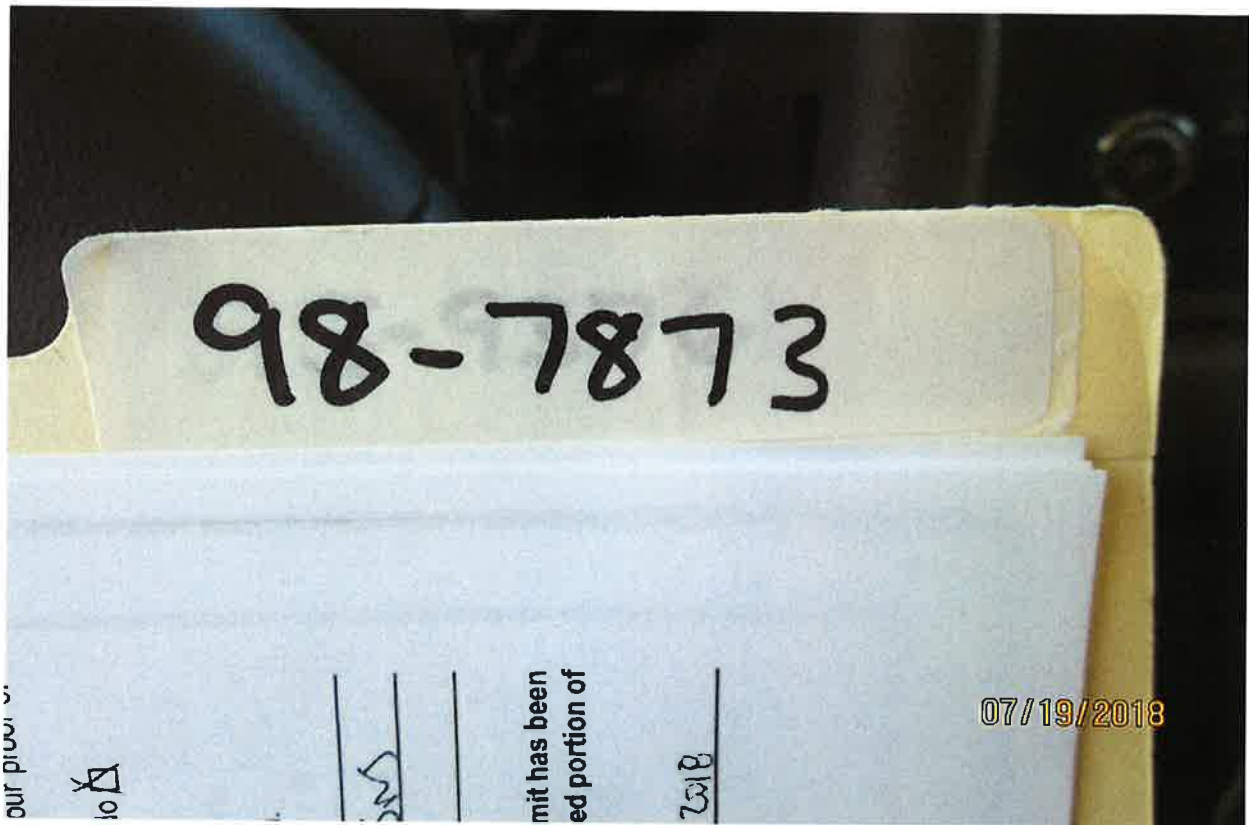
Company Name MINDEN WATER WELLS, INC. Firm No. 320

Firm Official Edward Minden Date 9/21/2007

and Driller or Operator [Signature] Date 9/21/2007
(Sign once if Firm Official & Operator)

61N 1E 1

FORWARD WHITE COPY TO WATER RESOURCES



Well D0053770.



Well D0053770 given IDWR tag A0020105.



Frost free hydrant where 5 gallon bucket test was performed and filled in 8 seconds.



Frost free hydrants placed around property.



Area used for camper and future home site.



Black poly pipe presumably to be used for distribution for either stockwater or irrigation in future.



Power and pump box. Well was equipped with unknown pump size.