

Permit No. 75-7636

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Staff Analysis Field Report for Exempted Wells

1. X Copy of Permit
2. X Copy of proof of beneficial use
3. X Copies of amendments, orders with conditions
4. X Permit is for one owner
5. X Confirm one owner of the place of use
X Tax lot Research
6. X Aerial photo of parcel for the water right file (copy of aerial required)
7. X Well driller's report
8. X Domestic use only
9. X 0.04 cfs or less on water permit
10. X Check if alternative source of water is available for domestic use:
WR# 75-4163, source is groundwater, domestic use for potable water for the
Newland Ranch Administrative Site.
11. X Other information:

Volume calculation:

Water supply for sewage disposal system for recreational vehicles and river users.

15 Recreational vehicles per day * 30gpd per vehicle * 365days Period of Use =

164,249 gallons or 0.50AF

Note: Water use estimates from Forest Service Handbook 7409.11, Section 44.11-Exhibit 01.

AUTHENTICATION

Examiner Name Cody Allen Date 12/15/2011

Reviewer James Cefalo Date 12/22/11

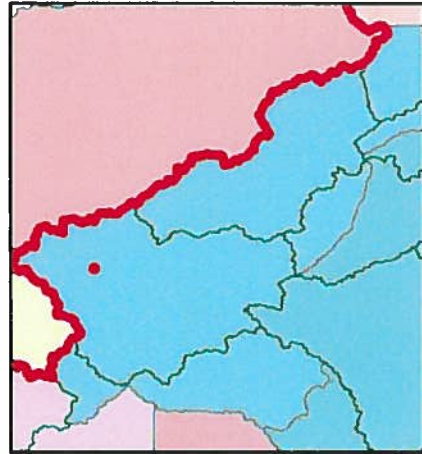


Idaho Department of Water Resources

Water Right
75-7636
(DOMESTIC)

Legend

- Point of Diversion
- Place of Use
- State Outline
- Townships
- PLS Sections
- Quarter Quarters
- Taxlots



Lemhi County
IDWR Basin 75

Prepared by Allen, Cody
On December 16, 2011
2009 Aerial Photography



Newland Ranch Waste Site Well

Form 238-7
1/94

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

Use Typewriter
or
Ball Point Pen

55713

1. DRILLING PERMIT NO. 75-94-E-063
Other IDWR No. _____

2. OWNER:
Name US Forest Service (Glenn Building)
Address PO Box 729
City Salmon State Id Zip 83467

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

N		Twp. <u>24</u>		North ☒ or South ☐	
E		Rge. <u>2</u>		East ☒ or West ☐	
S		Sec. <u>17</u>		1/4 <u>SE</u> 1/4 <u>NW</u> 1/4	
W		Gov't Lot _____		County <u>Lemhi</u> 10 acres 40 acres 160 acres	

Address of Well Site Donnelly Gulch -
Newland Ranch - 2 City North Fork
(Give at least name of road + Distance to Road or Landmark)

Lt. _____ Blk. _____ 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		
<u>RENOVITE</u>	<u>0</u>	<u>35</u>	<u>1250</u>		<u>OVERBORE</u>

Was drive shoe used? YES ☒ NO ☐
Was drive shoe seal tested? YES ☒ NO ☐ How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
<u>6</u>	<u>1</u>	<u>84</u>	<u>.280</u>	<u>STEEL</u>	☒	☐	☒	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS

☒ Perforations Method KNIFE
☐ Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
<u>50</u>	<u>65</u>	<u>3/16</u>	<u>100</u>		<u>STEEL</u>	☒	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

36 ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or control devices: Sanitary well seal

11. WELL TESTS:

☒ Pump ☐ Bailor ☒ Air ☐ Flowing Artesian

Yield gal/min.	Drawdown	Pumping Level	Time
<u>20</u>		<u>89</u>	<u>10 HRS</u>
<u>20</u>	<u>39</u>	<u>80</u>	<u>10 HRS</u>

Water Temp. 52.0 Bottom hole temp. _____

Water Quality test or comments: CLEAR

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
<u>12</u>	<u>0</u>	<u>38</u>	<u>Rocky Clay CONGLOMERATE</u>	☒	☐
<u>6</u>	<u>38</u>	<u>42</u>	<u>SANDY CLAM</u>	☒	☐
	<u>42</u>	<u>54</u>	<u>Rocky CONGLOMERATE</u>	☒	☐
	<u>54</u>	<u>60</u>	<u>BOULDERS HARD</u>	☒	☐
	<u>60</u>	<u>65</u>	<u>BOULDER GRAVEL</u>	☒	☐
	<u>65</u>	<u>85</u>	<u>DECOMPOSED GRANITE</u>	☒	☐

NOV 29 1994

Department of Water Resources
Eastern District Office

RECEIVED

DEC 1994

Department of Water Resources

MAY 08 1995

Completed Depth 85 (Measurable)
Date: Started 10/24/94 Completed 10/27/94

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 Harber Drilling Firm No. 4301
Firm Official Alan Harber Date 10/28/94
and
Supervisor or Operator _____ Date _____

(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

Newland Ranch Well



United States Department of the Interior

U.S. GEOLOGICAL SURVEY

December 13, 2007

*Donneley Gulch
Newland Ranch*

Dear Well Owner:

Samples of water were collected from 391 wells in Idaho this year as part of a statewide ground-water quality monitoring program. This program is a cooperative effort between the U.S. Geological Survey (USGS) and Idaho Department of Water Resources (IDWR). Information on this program is available at <http://www.idwr.idaho.gov/hydrologic/info/statewide/>.

Enclosed is a table of all water analyses in the USGS water-quality database for your well. Data from 2007 are preliminary. Analyses currently are being released only to individual well owners. A copy of the driller's log for your well (if available) is also enclosed.

You may also receive information from IDWR about this year's water analyses. Some water analyses were completed by contract laboratories through IDWR, and these data currently are not in the USGS database.

Measuring units used for water-quality analyses are milligrams per liter (mg/L) and micrograms per liter ($\mu\text{g/L}$). Temperatures are in degrees Celsius ($^{\circ}\text{C}$).

$^{\circ}\text{C} \times 1.8 + 32$	=	$^{\circ}\text{F}$
1 gram	=	0.03527 ounce
1 milligram per liter	=	1 part per million (ppm)
1 milligram	=	1,000 micrograms
1 microgram per liter	=	1 part per billion (ppb)
17.12 mg/L hardness	=	1 grain per U.S. gallon hardness

Thank you for your help. If you have any questions about the enclosed information, my telephone number is (208) 387-1326. My electronic mail address is parliman@usgs.gov.

Sincerely,

Deb Parlman

Deb Parlman
Hydrologist

Enclosures

Sanitary Survey
Newland Ranch Human Waste Disposal Facility
July 17, 2004

It is suggested that this report be kept permanently on a word processor and updated, rather than rewritten, each time a sanitary survey is due. That way a complete factual document may eventually exist.

Prepared by: Daniel K. Toerpe
Daniel K. Toerpe
Civil Engineer
Salmon-Challis National Forest

May 2, 2005
Date

Reviewed by: _____
Walt Rogers
Operations Staff Officer
Salmon-Challis National Forest

Date

Reviewed by: _____
Lyle Powers
Operations Staff Officer
Salmon-Challis National Forest

Date

Reviewed by: _____
Steve Kimball
District Ranger
North Fork Ranger District
Salmon-Challis National Forest

Date

NOTE: The Deficiencies and Recommendations are give prior to the main body of the report.

Sanitary Survey
Newland Ranch Human Waste Disposal Facility
Water System Number 0002015

Date of Survey: July 16, 1998

Survey Team: Lon Davis, System Operator; Daniel K. Toerpe, Facilities Engineer; and Kent Bingham

Purpose: To evaluate an existing water system against current design criteria, and note deficiencies - especially those with potential for contaminating the system. Also, to comply with FSM 7421.23.2 which states that the interval between sanitary surveys shall not exceed 5 years. This survey was performed one year past due, because it was being added to and modified. See History and description/Comment for details.

Location: The water source, which is on the North Fork Ranger District of the Salmon National Forest, is located in Lemhi County, Idaho, approximately 1 mile west of North Fork, Idaho (approximately 1 mile by road from North Fork at an elevation of approximately 3660 feet. It is located in the NW 1/4 of Section 17, T24N, R21E (latitude 45°24'40"N, longitude 114°00'44"W). Hydrologic Unit Code 17060203, Watershed Code 022, Watershed Name: Hughes. The source location is shown on the Ulysses Mtn., Idaho, 7.5 minute USGS quadrangle sheet.

Dates of Past Surveys: July 16, 1998

Source: Well drilled in 1994.

Disinfection: None

O&M Plan: Existing? Current? Used?

Bacteriological Sampling Plan: None

Cross-Connection Control Plan: None

Class: Public/Nonpublic Community/Noncommunity - transient/nontransient

Bacteriological History of Record: Newland Ranch Human Waste Disposal Facility

<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>	<u>2003</u>
NU	6@0	9@0	9@0	8@0	7@A	8@A	1@P	7@A	8@A
				Oct missed	Apr, Oct missed	June missed	17@A		
<u>2004</u>									
7@A									

NU = Water system was not used.