

282 19W 273B
MONTANA WELL LOG REPORT

Well ID#

Form No. 603 R2-99

This log reports the activities of a licensed Montana well driller and serves as the official record of work done within the borehole and casing and describes the amount of water encountered. **This form is to be completed by the driller and filed with DNRC within 60 days of completion of the work. Acquiring Water Rights is the well owner's responsibility and is not accomplished by the filing of this report.** Well log information is stored in the Groundwater Information Center at the Montana Bureau of Mines and Geology (Butte) and water right information is stored in the Water Rights Bureau records (Helena). For fields that are not applicable, enter NA. *Optional fields are in italics.* Record additional information in the REMARKS section.

1. WELL OWNER:

Name Ray Veilleux
Mailing address P. O. Box 10882
Kalispell, MT 59904

2. WELL LOCATION: List 1/4 from smallest to largest

1/4 NW 1/4 NW 1/4, Section 27
Township 28 N Range 19 W County Flathead
Lot Tract/Blk Subdivision Name
Well Address 300 Strawberry Lake Rd.
GPS Yes No
Latitude Longitude
Error as reported by GPS locator (+ feet)
Horizontal datum NAD27 WGS84

3. PROPOSED USE: Domestic Stock Irrigation

Public water supply Monitoring Well Other:

3. TYPE OF WORK:

New well Deepen existing well Abandon existing well
Method: Cable Rotary Other:

5. WELL CONSTRUCTION DETAILS:

Borehole:
Dia. 10 in. from 0 ft. to 38 ft.
Dia. 6 in. from 38 ft. to 303 ft.
Dia. in. from ft. to ft.

Casing:
Steel: Wall thickness .250 Threaded Welded
Dia. 6 5/8 in. from +2 ft. to 38 ft.
Dia. in. from ft. to ft.

Plastic: Pressure Rating 160 lbs. Threaded Welded
Dia. 4 in. from 14 ft. to 294 ft.

Perforations/Slotted Pipe:

Type of perforator used Drilled Holes
Size of perforations/slots 1/2 in. by 1/2 in.
100 no. of perforations/slots from 264 ft. to 284 ft.
 no. of perforations/slots from ft. to ft.

Screens: Yes No

Material PVC
Dia. 4 Slot size .010 from 284 ft. to 294 ft.
Dia. Slot size from ft. to ft.

Gravel Packed: Yes No

Size of gravel
Gravel placed from ft. to ft.

Packer: Yes No

Type Depth(s)

Grout: Material used Bentonite
Depth from 0 ft. to 38 ft. OR Continuous feed

6. WELL TEST DATA:

A well test is required for all wells. (See details on well log report cover.)
 Static water level 211 ft. below top of casing or
 Closed-in artesian pressure psi.
How was test flow measured:
bucket/stopwatch, weir, flume, flowmeter, etc Bucket/Stopwatch
Yellowstone groundwater closure area only - Water Temperature °F
 AQUIFER TEST DATA FORM ATTACHED
Test - 1 hour minimum
Drawdown is the amount water level is lowered below static level.

All depth measurements shall be from the top of the well casing.
Time of recovery is hours/minutes since pumping stopped.

Air test*
25 gpm with drill stem set at 260 ft. for 1 hour
Time of recovery 1 hour. Recovery water level 211 ft.

OR Bailer test*
 gpm with ft. of drawdown after hours
Time of recovery hrs/min. Recovery water level ft.

OR Pump test*
Depth pump set for test ft.
 gpm pump rate with ft. of drawdown after hrs pumping
Time of recovery hrs/min. Recovery water level ft.

OR Flowing Artesian*
 gpm for hours
Flow controlled by

*During the well test the discharge rate shall be as uniform as possible. This rate may or may not be the sustainable yield of the well. Sustainable yield does not include the reservoir of the well casing.

7. WELL LOG: PH

Depth, Feet		Material:
From	To	Color/rock and type/descriptor (example: blue/shale/hard, or brown gravel/water, or brown/sand/heaving)
0	12	Hard Tan Clay, Cobbles
12	44	Hard Blue Rock
44	57	Blue Rock, Brown & Tan Seams
57	68	Hard Blue Rock, Small Tan Seams
68	128	Soft, Tan, Brown, Yellow Rock, Broken Seams, Some Hard Seams
128	142	Med., Hard Blue Rock, Light Gray & White Seams
142	165	Fractured Blue Rock, Tan & Brown Seams
165	250	Med. Hard Blue Rock, Tan & Brown Seams
250	303	Med. Hard Tan, Brown, Yellow Rock

ADDITIONAL SHEETS ATTACHED

8. DATE WELL COMPLETED: 07/13/01

9. REMARKS:

10. DRILLER/CONTRACTOR'S CERTIFICATION:
All work performed and reported in this well log is in compliance with the Montana well construction standards. This report is true to the best of my knowledge.
Name, firm, or corporation (print) Western Water Works, Inc.
Address 460 Van Sant Rd, Kalispell, MT, 59901
Signature Forrest Groves
Date July 16, 2001 License no WVWC521MWC241