## MONTANA WELL LOG REPORT

This well log reports the activities of a licensed Montana well driller, serves as the official record of work done within the borehole and casing, and describes the amount of water encountered. This report is compiled electronically from the contents of the Ground Water Information Center (GWIC) database for this site. Acquiring water rights is the well owner's responsibility and is NOT accomplished by the filing of this report.

**Other Options**

Return to menu
Plot this site in State Library Digital Atlas
Plot this site in Google Maps
View scanned well log (8/8/2006 4:11:49 PM)

**Site Name: LOVE TIM AND MAUREEN**
**GWIC Id: 227483**

### Section 1: Well Owner(s)

1) LOVE, TIM/MAUREEN (MAIL)
9817 N. NEZ PERCE CT
SPOKANE WA 99208 [10/25/2005]

### Section 2: Location

| Township | Range | Section | Quarter Sections |
|---|---|---|---|
| 16N | 15W | 5 | NE¼ NW¼ |

| County | Geocode |
|---|---|
| MISSOULA | |

| Latitude | Longitude | Geomethod | Datum |
|---|---|---|---|
| 47.17716 | -113.528642 | TRS-SEC | NAD83 |

| Ground Surface Altitude | Ground Surface Method | Datum Date |
|---|---|---|
| | | |

| Addition | Block | Lot |
|---|---|---|
| EAGLE POINT RANCH | 3 | |

### Section 3: Proposed Use of Water

DOMESTIC (1)

### Section 4: Type of Work

Drilling Method: ROTARY
Status: NEW WELL

### Section 5: Well Completion Date

Date well completed: Tuesday, October 25, 2005

### Section 6: Well Construction Details

**Borehole dimensions**

| From | To | Diameter |
|---|---|---|
| 0 | 320 | 6 |

**Casing**

| From | To | Diameter | Wall Thickness | Pressure Rating | Joint | Type |
|---|---|---|---|---|---|---|
| -2 | 100 | 6 | 0.250 | | WELDED | STEEL |
| 20 | 320 | 4 | | 160.00 | SOLVENT WELD | PVC |

**Completion (Perf/Screen)**

| From | To | Diameter | # of Openings | Size of Openings | Description |
|---|---|---|---|---|---|
| 260 | 320 | 4 | 60 | .020X3 | FACTORY SLOTTED |

**Annular Space (Seal/Grout/Packer)**

| From | To | Description | Cont. Fed? |
|---|---|---|---|
| 0 | 0 | BENTONITE | Y |

### Section 7: Well Test Data

Total Depth: 320
Static Water Level: 35
Water Temperature:

**Air Test ***

15 gpm with drill stem set at 310 feet for 2 hours.
Time of recovery 0.75 hours.
Recovery water level 35 feet.
Pumping water level _ feet.

** 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.*

### Section 8: Remarks

### Section 9: Well Log

**Geologic Source**

400BELT - BELT SUPERGROUP

| From | To | Description |
|---|---|---|
| 0 | 1 | SOIL |
| 1 | 21 | GRAVEL, COBBLES |
| 21 | 100 | SOFT FRACTURED ROCK |
| 100 | 220 | HARD RED ROCK |
| 220 | 320 | FRACTURED RED ROCK WITH WATER |

### Driller 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:** RANDAL KOTECKI
**Company:** JEROMES DRILLING CO
**License No:** WWC-600
**Date Completed:** 10/25/2005

16N 15W 05 3A

# MONTANA WELL LOG REPORT

Form No. 603 R2-04

Well ID# RK0182

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 MBMG 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 have a grayed background. Record additional information in the REMARKS section.

**1. WELL OWNER:**
Name Jim, Maureen Love
Mailing address 9817 N. Nez Perce CT.
Spokane Wa. 99208

**2. WELL LOCATION:** List ¼ from smallest to largest
____ ¼ ____ ¼ NE ¼ NW ¼, Section 5
Township 16 N/S Range 15 E/W County Missoula
Lot ____, Tract/Blk 3 Subdivision Name Eagle Point Ranch
Well Address ____
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:

**4. TYPE OF WORK:**
☒ New well ☐ Deepen existing well ☐ Abandon existing well
Method: ☐ Cable ☒ Rotary ☐ Other: ____

**5. WELL CONSTRUCTION DETAILS:**

**Borehole:**
Dia. 6 in. from 65 ft. to 320 ft.
Dia. ____ in. from ____ ft. to ____ ft.
Dia. ____ in. from ____ ft. to ____ ft.

**Casing:**
Steel: Wall thickness .250 ☐ Threaded ☒ Welded
Dia. 6 in. from +2 ft. to 100 ft.
Dia. ____ in. from ____ ft. to ____ ft.

Plastic: Pressure Rating 160 lbs. ☐ Threaded ☒ Welded
Dia. 4 in. from -20' ft. to 320 ft.

**Perforations/Slotted Pipe:**
Type of perforator used Factory Slots
Size of perforations/slots .020 in. by 3 in.
60' no. of perforations/slots from 260 ft. to 320 ft.
____ no. of perforations/slots from ____ ft. to ____ ft.

**Screens:** ☐ Yes ☒ No
Material ____
Dia. ____ Slot size ____ from ____ ft. to ____ 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 ____ ft. to ____ ft. OR ☒ Continuous feed

**6. WELL TEST DATA:**

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***
15 gpm with drill stem set at 310 ft. for 2 hours
Time of recovery 45 hrs/min. Recovery water level 35 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 resevoir of the well casing.*

**7. WELL LOG:** DC

| Depth, Feet From | Depth, Feet To | Material: color/rock and type/descriptor (example: blue/shale/hard, or brown/gravel/water, or brown/sand/heaving) |
|---|---|---|
| 0 | 1' | Soil |
| 1' | 21' | Gravel, Cobbles |
| 21' | 100' | Soft Fractured Rock |
| 100' | 220' | Hard Red Rock |
| 220' | 320' | Fractured Red Rock w/water |

RECEIVED
JUL 31 2006
M.B.M.G.

☐ ADDITIONAL SHEETS ATTACHED

**8. DATE WELL COMPLETED:** 10-25-05

**9. REMARKS:** ____