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

Go to GWIC website
Plot this site in State Library Digital Atlas
Plot this site in Google Maps
View scanned well log (2/15/2007 1:33:51 PM)

Site Name: VELTEN MARK AND DENISE
GWIC Id: 184457
DNRC Water Right: C30014752

Section 1: Well Owner(s)

1) VELTEN, MARK AND DENISE (MAIL)
4941 JORDAN SPUR DR
BOZEMAN MT 59715 [08/11/2000]

Section 2: Location

Township	Range	Section	Quarter Sections
01S	06E	18	NE¼ NE¼

County	Geocode
GALLATIN	

Latitude	Longitude	Geomethod	Datum
45.756666	-111.021744	TRS-SEC	NAD83

Ground Surface Altitude	Ground Surface Method	Datum	Date

Addition	Block	Lot

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: Friday, August 11, 2000

Section 6: Well Construction Details

Borehole dimensions

From	To	Diameter
0	212	6

Casing

From	To	Diameter	Wall Thickness	Pressure Rating	Joint	Type
-2	40	6	0.250		WELDED	STEEL
8	212	4		160.00	WELDED	PVC

Completion (Perf/Screen)

From	To	Diameter	# of Openings	Size of Openings	Description
192	212	4		0.020	PVC

Annular Space (Seal/Grout/Packer)

From	To	Description	Cont. Fed?
0	40	BENTONITE	

Section 7: Well Test Data

Total Depth: 220
Static Water Level: 89
Water Temperature:

Air Test *

30 gpm with drill stem set at 208 feet for 2 hours.
Time of recovery _ hours.
Recovery water level _ 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

Unassigned

From	To	Description
0	3	TOPSOIL
3	10	CLAY
10	34	FINE SAND-M GRAVEL-GRAVEL
34	67	RED ROCK -BROWN SHALE
67	83	TRACES CLAY BROWN-SHALE
83	116	BROWN SHALE
116	133	FINE SAND-BROWN SHALE
133	135	BROWN CLAY
135	144	BROWN CLAY-STREAKS YELLOW SHALE
144	185	FINE SAND-BROWN SHALE-STREAKS QUARTZ
185	200	BROWN SHALE-HARD AND FRACTURED
200	220	BROWN SHALE-HARD AND FRACTURED

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:
Company: RED TIGER DRILLING
License No: WWC-386
Date Completed: 8/11/2000