

Site Name: GILDFORD COLONY
GWIC Id: 185720

Section 1: Well Owner(s)
1) GILDFORD COLONY (MAIL)
BOX 141
GILDFORD MT 59525 [10/10/2000]

Section 2: Location	
Township	Range
35N	11E
County	Section
HILL	10
Latitude	Geocode
48.799358	
Longitude	Geomethod
-110.279619	TRS-SEC
Ground Surface Altitude	Ground Surface Method
Addition	Block
	Lot

Section 3: Proposed Use of Water
STOCKWATER (1)

Section 4: Type of Work
Drilling Method: ROTARY
Status: NEW WELL

Section 5: Well Completion Date
Date well completed: Tuesday, October 10, 2000

Section 6: Well Construction Details		
Borehole dimensions		
From	To	Diameter
0	20	12
20	333	8

Casing						
From	To	Diameter	Wall Thickness	Pressure Rating	Joint	Type
-2	88	8	0.250		WELDED	STEEL
9	333	5				PVC-SCHED40

Completion (Perf/Screen)					
From	To	Diameter	# of Openings	Size of Openings	Description
193	333	5		3/16	DRILLED HOLES

Annular Space (Seal/Grout/Packer)			
From	To	Description	Cont. Fed?
15	333	3/8MINUS GRAVEL PACK	
183	178	CHIP/FLOUR BENTONITE	Y

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Additional Lithology Records

From	To	Description
211	223	DARK GRAY SHALE
223	227	GRAY SANDSTONE
227	228	HARD SHELL
228	248	GRAY SANDSTONE
248	252	BROWN SHALE
252	253	COAL
253	258	BROWN SHALE
258	257	GRAY SHALE
257	306	GRAY SANDSTONE WATER
306	318	BROWN SHALE
318	333	DARK GRAY SHALE

Section 7: Well Test Data

Total Depth: 333
Static Water Level: 138.5
Water Temperature:

Pump Test *

Depth pump set for test _ feet.
.20 gpm pump rate with _ feet of drawdown after _1_ hours of pumping.
Time of recovery _1_ hours.
Recovery water level 144.7 feet.
Pumping water level 170.7 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	8	SANDY BROWN CLAY
9	14	BROWN CLAY
14	23	SANDY GRAY CLAY
22	25	SANDY LINE BROWN CLAY
25	68	GRAY CLAY COBBLES
68	88	TIGHT GRAY CLAY
88	93	BROWN SANDSTONE
93	104	GRAY SANDSTONE
104	110	BROWN SHALE
110	113	SHALEY GRAY SANDSTONE
113	128	GRAY SANDSTONE WATER 2.5GPM
128	142	GRAY SHALE
142	174	SOFT SANDY GRAY SHALE
174	194	GRAY SHALE
194	211	SANDY GRAY SHALE

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: HI-LINE DRILLING INC
License No: WWC-345
Date Completed: 10/10/2000