26N 18W 19 B

Form No. 603 R2-99 RECEIVED

MONTANA WELL LOG REPORT

Well ID# _____

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

1. WELL OWNER:
Name GLENN STOUT
Mailing address PO BOX 2559
BIGFORK, MT 59911

2. WELL LOCATION: List ¼ from smallest to largest
____ ¼ ____ ¼ NW ¼, Section 19
Township 26N N/S Range 18W E/W County LAKE
Lot 3&4, Tract/Blk ____ Subdivision Name ____
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. 8 in. from 0 ft. to 40 ft.
Dia. 6 in. from 40 ft. to 450 ft.
Dia. ____ in. from ____ ft. to ____ ft.

Casing:
Steel: Wall thickness .250 ☐ Threaded ☑ Welded
Dia. 6 in. from +3 ft. to 437 ft.
Dia. ____ in. from ____ ft. to ____ ft.

Plastic: Pressure Rating ____ lbs. ☐ Threaded ☐ Welded
Dia. ____ in. from ____ ft. to ____ ft.

Perforations/Slotted Pipe:
Type of perforator used ____
Size of perforations/slots ____ in. by ____ in.
____ no. of perforations/slots from ____ ft. to ____ ft.
____ no. of perforations/slots from ____ ft. to ____ ft.

Screens: ☑ Yes ☐ No
Material PVC
Dia. 4 Slot size .40 from 425 ft. to 445 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 40 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 186 ft. below top of casing or
☐ Closed-in artesian pressure ____ psi.

How was test flow measured:
bucket/stopwatch, weir, flume, flowmeter, etc ____

Yellowstone Controlled Groundwater Area - 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*
3 gpm with drill stem set at 440 ft. for 31/2 hours
Time of recovery ____ hrs/min. Recovery water level ____ 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 or the well casing.*

7. WELL LOG: PK

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	52	BROWN CLAY GRAVEL BOULDERS
52	104	GRAY CLAY GRAVEL BOULDERS
104	132	BROWN CLAY GRAVEL BOULDERS
132	213	GRAY CLAY GRAVEL BOULDERS
213	240	BROWN CLAY GRAVEL BOULDERS
240	336	BROWN CLAY GRAVEL COULBES
336	430	SATURATED CLAY GRAVEL COUBLES
430	439	GRAVEL TINY BITS WATER 3GPM
439	445	CLAY GRAVEL WATER
445	450	BROWN CLAY GRAVEL

☐ ADDITIONAL SHEETS ATTACHED

8. DATE WELL COMPLETED: 4/5/02

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) ____
Address ____
Signature Alan Gillmore
Date 4-15-02 License no. 335

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 hydrograph for this site
View field visits for this site
View scanned well log (8/24/2006 11:00:17 AM)

Site Name: SILVER SHADOW RANCH
GWIC Id: 120439

Section 1: Well Owner(s)

1) SILVER SHADOW RANCH (MAIL)
7200 HWY 2 E
COLUMBIA FALLS MT 59912 [04/17/1990]

Section 2: Location

Township	Range	Section	Quarter Sections
26N	18W	19	NE¼ NW¼ NE¼ SW¼

County
LAKE

Geocode

Latitude	Longitude	Geomethod	Datum
48.0005	-113.9341	MAP	NAD27

Ground Surface Altitude	Ground Surface Method	Datum Date
3288		

Measuring Point Altitude	MP Method Datum	Date Applies
3290.1		6/4/1996 1:30:00 PM

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: Tuesday, April 17, 1990

Section 6: Well Construction Details

Borehole dimensions

From	To	Diameter
0	20	10
20	53	8
53	61	6

Casing

From	To	Diameter	Wall Thickness	Pressure Rating	Joint	Type
-1.5	61	6	0.250		WELDED	STEEL

Completion (Perf/Screen)

From	To	Diameter	# of Openings	Size of Openings	Description
61	61	6			OPEN BOTTOM

Annular Space (Seal/Grout/Packer)

From	To	Description	Cont. Fed?
0	20	BENTONITE	

Section 7: Well Test Data

Total Depth: 66
Static Water Level: 40
Water Temperature:

Air Test *

9 gpm with drill stem set at 57 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

6IN STEEL CASING WITH ALLEN WRENCH SCREWS.

Section 9: Well Log

Geologic Source

112DRFT - GLACIAL DRIFT

From	To	Description
0	32	CLAY GRAVEL AND BOULDERS
32	53	CLAY AND GRAVEL
53	63	SAND GRAVEL AND WATER 9 GPM
63	66	CLAY AND GRAVEL

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: BILLMAYER DRILLING
License No: WWC-335
Date Completed: 4/17/1990

MONTANA WELL LOG REPORT

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Other Options

Return to menu
Plot this site in State Library Digital Atlas
Plot this site in Google Maps
View scanned well log (7/14/2009 10:33:23 AM)

Site Name: STOUT GLENN
GWIC Id: 195620
DNRC Water Right:

Section 1: Well Owner(s)

1) STOUT, GLENN (MAIL)
PO BOX 2559
BIGFORK MT 59911 [04/05/2002]

Section 2: Location

Township	Range	Section	Quarter Sections
26N	18W	19	NW¼

County	Geocode
LAKE	

Latitude	Longitude	Geomethod	Datum
48.004452	-113.936629	TRS-SEC	NAD83

Ground Surface Altitude	Ground Surface Method	Datum Date

Addition	Block	Lot
		3 AND 4

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, April 05, 2002

Section 6: Well Construction Details

Borehole dimensions

From	To	Diameter
0	40	8
40	450	6

Casing

From	To	Diameter	Wall Thickness	Pressure Rating	Joint	Type
-3	437	6	0.250		WELDED	STEEL

Completion (Perf/Screen)

From	To	Diameter	# of Openings	Size of Openings	Description
425	445	4	40		SCREEN-CONTINUOUS-PVC

Annular Space (Seal/Grout/Packer)

From	To	Description	Cont. Fed?
0	40	BENTONITE	

Section 7: Well Test Data

Total Depth: 437
Static Water Level: 186
Water Temperature:

Air Test *

3 gpm with drill stem set at 440 feet for 3.5 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	52	BROWN CLAY GRAVEL BOULDERS
52	104	GRAY CLAY GRAVEL BOULDERS
104	132	BROWN CLAY GRAVEL BOULDERS
132	213	GRAY CLAY GRAVEL BOULDERS
213	240	BROWN CLAY GRAVEL BOULDERS
240	336	BROWN CLAY GRAVEL COBBLES
336	430	SATURATED CLAY GRAVEL COBBLES
430	439	GRAVEL TINY BITS WATER 3GPM
439	445	CLAY GRAVEL WATER
445	450	BROWN CLAY GRAVEL

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:
License No: WWC-335
Date Completed: 4/5/2002