Section 7: Well Test Data

Time of recovery 1 hours. Recovery water level 19 feet. Pumping water level feet.

20 gpm with drill stem set at 200 feet for 1 hours.

\* 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

Total Depth: 200

Air Test \*

Static Water Level: 17 Water Temperature:

## 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\_(8/1/2007 2:12:49 PM) View scanned well log\_(5/16/2008 8:03:44 AM)

Site Name: SUTTER, PATTI AND JAVIER

GWIC Id: 236730

Section 1: Well Owner(s)

1) SUTTER, PATTI AND JAVIER (MAIL)

53 DEPOT ROAD

ENNIS MT 59729 [06/13/2018]

2) WIANCKO, JUDITH (MAIL)

75 DEPOT RD

ENNIS MT 59729 [05/23/2007]

Section 2: Location

Township Range 06S

02W

Section 13

**Quarter Sections** NW1/4 SE1/4

County

Geocode

MADISON

Latitude 45.311602

Longitude -111.796613 Geomethod NAV-GPS

**Datum WGS84** 

**Ground Surface Altitude** 

**Ground Surface Method** 

casing. Datum Date Section 8: Remarks

Measuring Point Altitude MP Method Datum

5445

DEM

**Date Applies** NGVD29 6/15/2018 2:29:00 PM

Addition

Block

Lot

Section 3: Proposed Use of Water

DOMESTIC (1) **IRRIGATION (2)** 

Section 4: Type of Work

Drilling Method: ROTARY Status: NEW WELL

Section 5: Well Completion Date

Date well completed: Wednesday, May 23, 2007

Section 6: Well Construction Details

**Borehole dimensions** 

From	То	Diameter
0	200	6

Casing

From	То		Wall Thickness	Pressure Rating	again ann an 18	Туре
-1.5	154	6	0.25		WELDED	STEEL
140	200	4		200.0		PVC

Completion (Perf/Screen)

From	То			Size of Openings	Description
180	200	4	30	1/8X4	SAW SLOTS

Annular Space (Spal/Grout/Packer)

Ailliui	ai	pace (Seal/Grount acker)	
From	То	200 98.4 989	Cont. Fed?
0	0	BENTONITE CRUMBLES	Υ

Section 9: Well Log **Geologic Source** 

Unassigned

From	То	Description
0	2	TOPSOIL
2	35	TAN SANDY CLAY
35	78	MEDIUM HARD TAN CLAY STONE
78	81	SOFT BLUE CLAY
81	150	MEDIUM SOFT TAN SANDY CLAY
150	157	HARD BROWN CLAYSTONE
157	200	MEDIUM HARD GRAY / BLACK GRANITE

## **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: CHARLES COFFMAN Company: GRAHAM DRILLING INC

License No: WWC-40 Date Completed: 5/23/2007

Form No. 603 R2-04

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 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

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 graved background. Record additional information in the REMARKS section.

. WELL OWNER:	Test	- 1 hour n	ninimum		
Name Judith Wiancko			is the amount water level is lowered below static level		
Malling address 75 Depot Ru.	1	All depth measurements shall be from the top of the well casing.			
			covery is hours/minutes since pumping stopped.		
EARIS, 1111. 59124		tir test*	700 1		
. WELL LOCATION: List ¼ from smallest to largest	1 .	20 gpm with drill stem set at 200 ft. for hours			
14 14 NW 14 5 E 14, Section /3	,	Time of recovery hrs/min. Recovery water level ft.			
Township O NS Range & EW County Moderan		Baller tes			
Lot, Tract/Blk Subdivision Name		gpm with ft. of drawdown after hours			
Well Address	1	Time of recoveryhrs/min. Recovery water level ft.			
GPS El Yes D No \	ORF	OR Pump test*			
Latitude 45 18. 688 A Longitude 11 47.481W		Depth pump set for test ft.			
Error as reported by GPS locator ( ± feet) 11* Horizontal datum □ NAD27 □ WGS84	PRO I	gpm pump rate withft. of drawdown after hrs pumping Time of recovery hrs/min. Recovery water levelft.			
	ORE		Artesian*		
PROPOSED USE: Domestic Stock Arrigation	1	-	gpm forhours		
☐ Public water supply ☐ Monitoring Well ☐ Other:	1		rolled by		
. TYPE OF WORK:			test the discharge rate shafi be as uniform as possible. This rat be the sustainable yield of the well. Sustainable yield does not		
☑ New well ☐ Deepen existing well ☐ Abandon existing well  Method: ☐ Cable ☑ Rotary ☐ Other:			voir of the well casing.		
	7. WE	LL LOG:	AG		
WELL CONSTRUCTION DETAILS:	Depti	, Feet	Material:		
Borehole: Dia in. from 0 ft. to _Z00 ft.	From	To	<ul> <li>color/rock and type/descriptor (example: blue/shale/hard, or brown/gravet/water, or brown/sand/heaving)</li> </ul>		
Dia. in from the ft. to the ft.	-	7	Topsoil		
Dia. in from the to the	0	20	topsou		
	25	23	lan pandy charg		
Casing: Steel: Wall thickness - 250  Threaded  Welded	35	78	med bank the claystone		
Dia.   S   S   in. from + 1/2   tt. to   54   ft.	18	81	soft blue clay		
	181	150	med soft ton sandy class		
Dia ft. to ft.	150	157	hard brown claystone		
Plastic: Pressure Rating 200 lbs. Threaded Welded lin. from 40 ft. to 200 ft.	157	7.00	med hard grayPhack granta		
		-			
Perforations/Slotted Pipe: Type of perforator used SAW					
Size of perforations/slots // in. by in.	214,1990				
no. of perforations/slots from 180 ft. to 200 ft.	Darry.		RECEIVED		
no. of perforations/slots fromft. toft.			RECEIVED		
Screens: □ Yes ™Ó No			JUN 2 9 2007		
Material		-	2 3 700/		
Dia Slot size from ft. to ft.			M.B.M.G.		
Dia. Slot size from ft. to ft.			WI.D.IVI.G.		
Gravel Packed: Yes ® No					
Size of gravel					
Gravel placed fromft. toft.					
	[] ADD	ITIONAL SI	HEETS ATTACHED		
Packer: ☐ Yes ☑ No					
Type Depth(s)	8. DA	TE WELL	L COMPLETED: 5 23 07		
Grout: Material used Sertonte gunles	DANSSIEGO		manufacture of the second of t		
Depth fromft. toft. OR Continuous feed	9. RE	MARKS:			
	6				
WELL TEST DATA:					
A well test is required for all wells. (See details on well log report cover.)			CONTRACTOR'S CERTIFICATION:		
19			ed and reported in this well log is in compliance with the		
Static water levelft. below top of casing or	Montar	na well co	instruction standards. This report is true to the best of n		
Static water levelft. below top of casing orpsi.					
	knowle	-	The second secon		
Closed-in artesian pressurepsi.	knowle Name,	firm, or c	corporation (print) Graham Drilling Tive.		
Closed-in artesian pressure psi.  How was test flow measured:	knowle Name,	firm, or c			

Montana Bureau of Mines & Geology The University of Montana 1300 West Park Street Butte, MT 59701

MBMG ID#