## **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 (5/3/2011 1:17:21 PM) View scanned update/correction (3/20/2018 12:46:39 PM)

Site Name: HOOKER, CHAD AND JENNIFER

**GWIC Id: 147396** 

**DNRC Water Right: 91716** 

Section 1: Well Owner(s)

1) HOOKER, CHAD AND JENNIFER (MAIL) 5510 POWMER ROAD BILLINGS MT 59105 [12/06/2017] 2) VAN STEELAND, FREDRICK (MAIL) 4520 COUNTRY GARDEN RD BILLINGS MT 59105 [10/22/1999]

#### Section 2: Location

Township	Range	Section	<b>Quarter Sections</b>
02N	27E	28	NE1/4 NW1/4 NE1/4
	County		Geocode

YELLOWSTONE

Latitude	Longitude	Geomethod	Datum
45.89934804315	-108.3698472355	TRS-SEC	NAD83
Ground Surface Altitu	ude Ground Surface	Method D	Datum Date

Addition **Block** Lot

## Section 3: Proposed Use of Water

DOMESTIC (1) IRRIGATION (2) STOCKWATER (3)

#### Section 4: Type of Work

Drilling Method: CABLE Status: NEW WELL

# **Section 5: Well Completion Date**

Date well completed: Thursday, September 15, 1994

### **Section 6: Well Construction Details**

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#### Borehole dimensions From To Diameter 0 26 7.5

26 Casing

From	То		Wall Thickness	Pressure Rating		Туре
-1.5	26	6	0.25		WELDED	A53B STEEL
6	50	4.5		160.00		PVC

Completion (Perf/Screen)

From	То	l .	# of Openings	Size of Openings	Description
41	47	4.5	14	1/8 X 12 IN	SAW SLOTS

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

From	То	Description	Cont. Fed?
0	18	BENTONITE	

#### Section 7: Well Test Data

Total Depth: 50 Static Water Level: 14 Water Temperature:

#### Pump Test \*

Depth pump set for test <u>50</u> feet.

9 gpm pump rate with 11 feet of drawdown after 5 hours of pumpina.

Time of recovery <u>0.25</u> hours. Recovery water level 14 feet. Pumping water level 25 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

#### Section 8: Remarks

# Section 9: Well Log **Geologic Source**

211JDRV - JUDITH RIVER FORMATION (OF MONTANA GROUP)

From	То	Description		
0	8	BROWN DIRT		
8	22	SAND & GRAVEL		
22	35	GRAY SHALE		
35	38	GRAY SANDSTONE		
38	42	GRAY SHALE		
42	45	GRAY SANDSTONE		
45	48	GRAY SHALE		
48	50	GRAY SHALE & BENTONITE		

### **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: GARY MAYES Company: MAYES DRILLING INC

License No: WWC-527 Date Completed: 9/15/1994