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

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Site Name: KUNZ, KEN
GWIC Id: 200631

Section 1: Well Owner(s)

1) KUNZ, KEN (MAIL)
1920 PLATEAU ROAD
BILLINGS MT 59105 [09/14/2002]

Section 2: Location

Township	Range	Section	Quarter Sections
01N	26E	1	NE¼ NE¼

County	Geocode
YELLOWSTONE	

Latitude	Longitude	Geomethod	Datum
45.86922400135	-108.4275654165	TRS-SEC	NAD83

Ground Surface Altitude	Ground Surface Method	Datum	Date

Addition	Block	Lot
OXBOW SUBDIVISION	6	6

Section 3: Proposed Use of Water

IRRIGATION (1)

Section 4: Type of Work

Drilling Method: ROTARY
Status: NEW WELL

Section 5: Well Completion Date

Date well completed: Saturday, September 14, 2002

Section 6: Well Construction Details

Borehole dimensions

From	To	Diameter
0	20	12
20	140	7.875

Casing

From	To	Diameter	Wall Thickness	Pressure Rating	Joint	Type
-1.5	20	8	0.25		WELDED	STEEL
7	140	5		200.00		PVC

Completion (Perf/Screen)

From	To	Diameter	# of Openings	Size of Openings	Description
95	139	5		1/8 X 4 IN	SAW SLOTS

Annular Space (Seal/Grout/Packer)

From	To	Description	Cont. Fed?
0	20	#8 BENTONITE	Y
20	140	3/8 IN PEA GRAVEL PACK	

Section 7: Well Test Data

Total Depth: 140
Static Water Level: 35
Water Temperature:

Air Test *

35 gpm with drill stem set at 140 feet for 1 hours.
Time of recovery _ hours.
Recovery water level _ feet.
Pumping water level _ feet.

Pump Test *

Depth pump set for test 100 feet.
25 gpm pump rate with 80 feet of drawdown after 4 hours of pumping.
Time of recovery 1 hours.
Recovery water level 35 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

211JDRV - JUDITH RIVER FORMATION (OF MONTANA GROUP)

From	To	Description
0	2	TOPSOIL
2	6	CLAY
6	24	SAND ROCK
24	80	SHALE
80	140	SAND ROCK

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: CURTIS SCHELLE
Company: AMERICAN DRILLING & SUPPLY
License No: WWC-344

Date Completed: 9/14/2002