CAN DOE OTALS

# MONTANA WELL LOG REPORT

Form No. 603 R2-04

Well ID	fet	

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 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).

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\*

gpm with drill stem set at \_\_\_\_\_ h, for \_\_\_\_\_ hours 2. WELL LOCATION: List a from smallest to largest Time of recovery hismin. Recovery water level ... it. N. Section Township / MS Range LEW County OR Baller test\* Lot \_\_\_\_\_. Tract/Blk \_\_\_ Subdivision Name gpm with \_\_\_\_\_ ft, of drawdown after \_\_\_\_ hours Time of rocovery hrs/min. Recovery water level Well Address \_\_\_ GPS E Yes No OR Pump teet\* Latitude \_\_\_\_\_Longitude \_ Depth pump set for test Error as reported by GPS locator ( ± feet) \_\_\_ gpm pump rate with \_\_\_\_ ft. of drawdown after \_\_ nrs pumping Horizontal datum C NAD27 L WGS84 Time of recovery hrs/min Recovery water level # OR Flowing Artesian\* 3. PROPOSED USE: Domestic III Irrigation □ Stock gpm for hours Public water supply Monitoring Well Other 4. TYPE OF WORK: Now well Deepen existing well Abandon existing well 

5. WELL CONSTRUCTION DETAILS:

Borehole:

Dia in, from ft. to ft.

Dia lo, from ft. to ft.

Plastic: Pressure Rating \_\_\_\_\_\_ tos. ☐ Threaded ☐ Welded

Dia.\_\_\_\_\_\_in. from \_\_\_\_\_\_ ft. to \_\_\_\_\_\_ ft.

Perforations/Slotted Pipe:

Type of perforator used \_\_\_\_\_\_
Size of perforations/slots \_\_\_\_\_ in.

no of perforations/slots from ft. to ft.

no of perforations/slots from ft. to ft.

Screens: Yes No

Material

Dia. Slot size from ft. to ft.

Dia. \_\_\_\_\_ Slot size \_\_\_\_ from \_\_\_\_ ft. to \_\_\_ ft.

Gravel Packed: □ Yes □ No

Size of gravel \_\_\_\_\_

Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

WELL TEST DATA:
 A well test is required for all wells. (See details on well log report cover.)

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

AQUIFER TEST DATA FORM ATTACHED

7. WE	LL LOG:	EA
Depti	n, Feet	Material: color/rock and type/descriptor (example blue/shale/hard
Fiom	To	or brown/gravel/water, or brown/sand/heaving)
0	1/	6-120-45
4	5	8604
5	23	clay with frage!
23	31	75 ml 861
3/	32	Proton 10
I.d.	7/	Shale
5/	50	Cheer Mudstove
C.1	C-1-	The strain Ke
58	111	Silt form Black on It
	19.55	Blue Plan hors
		46/12 1 5/ 51
		RECEIVED
		TAIL COLOR TO LOCAL
		OCT 0 3 2007
		M.B.M.G.

ADDITIONAL SHEETS ATTACHED

8. DATE WELL COMPLETED:

REMARKS: Well Capiton later

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
Stensture

Address
Signatura
Date 
License no.

359158

### 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 (8/6/2009 10:52:09 AM) View scanned update/correction (8/6/2009 10:52:25 AM)

Site Name: WEGNER, KEN & SHIRLEY

GWIC ld: 239157

DNRC Water Right: C-30031247

Section 1: Well Owner(s)

1) WEGNER, KEN AND SHIRLEY (MAIL) 95 WEGNER LANE

RYEGATE MT 59074 [09/21/2007]

Section 2: Location

Township Range Section **Quarter Sections** 09N 20E NW1/4 SW1/4 NE1/4 Geocode

County

**GOLDEN VALLEY** 

Latitude 46.558434 -109.251025

Longitude

Geomethod

Datum TRS-SEC NAD83 Section 7: Well Test Data

Total Depth: 82

Static Water Level: 16.67 Water Temperature:

Air Test \*

10 gpm with drill stem set at 82 feet for 2.5 hours. Time of recovery 0.75 hours. Recovery water level 16.67 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 Ground Surface Altitude Ground Surface Method Datum Date the well casing.

Addition

**Block** 

Lot

Section 8: Remarks

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, September 21, 2007

Section 6: Well Construction Details

**Borehole dimensions** From To Diameter 0 82

Casing

From	То		Wall Thickness	Pressure Rating	Joint	Туре
-1.5	18.33	6.625	0.25		WELDED	STEEL
10	45	4.5				PVC- SCHED 40
79	82	4.5			VVI1 1 1	PVC- SCHED 40

Completion (Perf/Screen)

From	То	Diameter	# of Openings	Size of Openings	Description
45	79	4.5		1/8X6	SAW SLOTS

Annular Space (Seal/Grout/Packer)

From To Description

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

From	То	Description
0	1	TOPSOIL
1	8	GRAVEL
8	14	CLAY
14	24	BLACK SILTSTONE
24	44	BLUE STICKY CLAY
44	79	SAND GRAYISH BLUE MUDSTONE
79	82	SHALE
_		

# **Driller Certification**

Completed:

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: MARVIN W. JEWETT

Company: A-1 DRILLING/BILLINGS DRILLING

License No: WWC-532 Date 9/21/2007

			Cont. Fed?
0	18.3	#8 CASING SEAL	Υ
41	41	RUBBER	
45	45	RUBBER	

#### MONTANA WELL LOG REPORT

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View scanned update/correction (8/6/2009 10:51:48 AM)

Site Name: WEGNER, KEN AND SHIRLEY

GWIC Id: 239156

DNRC Water Right: C-30031248

Total Depth: 100

Static Water Level: 15.42 Water Temperature:

Section 7: Well Test Data

Section 1: Well Owner(s)

1) WEGNER, KEN AND SHIRLEY (MAIL)

County

95 WEGNER LANE

RYEGATE MT 59074 [09/26/2007]

Air Test \*

<u>5</u> gpm with drill stem set at <u>100</u> feet for <u>1.75</u> hours. Time of recovery <u>24</u> hours.

Recovery water level 15.42 feet. Pumping water level \_ feet.

Section 2: Location

Township Range 09N 20E

Section 7

**Quarter Sections** NW1/4 SW1/4 NE1/4

Geocode

**GOLDEN VALLEY** 

Latitude

Longitude

Geomethod

TRS-SEC

46.5584340787 -109.2510248795 Ground Surface Altitude Ground Surface Method Datum Date the well casing.

\* During the well test the discharge rate shall be as uniform Datum as possible. This rate may or may not be the sustainable yield NAD83 of the well. Sustainable yield does not include the reservoir of

Addition

**Block** 

Lot

Section 8: Remarks

Section 3: Proposed Use of Water

STOCKWATER (1)

Section 9: Well Log Geologic Source

Unassigned

Section 4: Type of Work Drilling Method: ROTARY

Status: NEW WELL

Section 5: Well Completion Date

Date well completed: Wednesday, September 26, 2007

Section 6: Well Construction Details

Borehole dimensions

From	То	Diameter
0	100	6

Casing

From	То	in in	Wall Thickness	Pressure Rating	Joint	Туре
-2	31	6	0.25		WELDED	STEEL
10	55	4.5				PVC- SCHED 40

Completion (Perf/Screen)

From	To	1	# of Openings	Size of Openings	Description
110111	110	Diameter	Openings	Openings	Description
0	0	4.5		1/8X6	SAW SLOTS

Annular Space (Seal/Grout/Packer)

From	То		Cont. Fed?
0	31	#8 CASING SEAL	
35	35	RUBBER PACKER	

From	То	Description
0	4	GRAVEL
4	6	TAN CLAY
6	17	GRAVEL
17	27	STICKY TAN CLAY
27	29	BLUE CLAY
29	34	BLACKISH BLUE SILTSTONE
34	36	BENTONITE
36	54	BLUE CLAY-STICKY
54		MAROON HARD SILTSTONE
56	98	BLUISH SILTSTONE WITH GRAY, FINE GRAIN SANSTONE LENS, 5 INCH TO 8 INCH THICK
98	100	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: MARVIN W. JEWETT

Company: A-1 DRILLING/BILLINGS DRILLING

License No: WWC-532 Date 9/26/2007

Completed: