Site Name: ZAKOVI ZAC

GWIC Id: 163190

Section 1: Well Owner(s)

1) ZAKOVI, ZAC (MAIL)

417 N PLUM

BOZEMAN MT 59715 [05/16/1997]

Section 2: Location

OCCUON Z. LOC	ation			
Township	Range	Section	Quarter	Sections
03S	10E	29	NE1/4 NV	V1/4 NE1/4
Cou	nty		Geocode	
PARK				
Latitude	Longit	tude	Geomethod	Datum
45.554111	-110.51	3637	TRS-SEC	NAD83
Ground Surfac	ce Altitude	Ground S	urface Method	Datum Date

Block

Lot

Section 3: Proposed Use of Water

DOMESTIC (1)

Addition

Section 4: Type of Work

Drilling Method: ROTARY Status: NEW WELL

Section 5: Well Completion Date

Date well completed: Friday, May 16, 1997

Section 6: Well Construction Details

 Borehole dimensions

 From To
 Diameter

 0 139
 6

 139 310
 5

139	310	
Casin	n	

			Wall	Pressure		
From	To	Diameter	Thickness	Rating	Joint	Type
-2	139	6				STEEL

There are no completion records assigned to this well.

Annular Space (Seal/Grout/Packer)

			Cont.
From	To	Description	Fed?
0	25	BENTONITE	

Section 7: Well Test Data

Total Depth: 310 Static Water Level: 310 Water Temperature:

Unknown Test Method *

Yield 0 gpm.

Pumping water level _ feet. Time of recovery _ hours. Recovery 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 WELL IS DRY TO 310 FEET

Section 9: Well Log Geologic Source

330MDSN - MADISON GROUP OR LIMESTONE

From	To	Description
0	10	TOPSOIL WITH BOULDERS
10	57	SAND & COBBLE & BOULDERS SOME BOULDERS 10FT THICK
57	71	WEATHERED BROKEN GRANITE
71	76	GRANITE BOULDER
76	85	FRACTURED GRANITE / BOULDERS
85	112	LIMESTONE
112	114	STICKY RED CLAY
114	130	BLUE SHALE
130	310	LIMESTONE & NO CIRCULATION FROM 200 FT ON
	25	

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: POTTS DRILLING INC

License No: WWC-512 Date Completed: 5/16/1997 Site Name: MADDEN, TED & CARA MCNEELY

GWIC ld: 288706

Section 1: Well Owner(s)

1) MADDEN, TED & CARA MCNEELY (MAIL)

16 9TH ST ISLAND DR

LIVINGSTON MT 59047 [07/12/2016]

2) MADDEN, TED & CARA MCNEELY (WELL)

265 DEEP CREEK RD

LIVINGSTON MT 59047 [07/12/2016]

Section 2: Location

Township	Range	Section	Quarter Se	ections	
03S	10E	29	NE14 NW14 NW14 NE14		
Co	unty		Geocode		
PARK					
Latitude	Long	gitude	Geomethod	Datum	
45.554111	-110.	514472	NAV-GPS	NAD27	
Ground Surf	ace Altitude	Ground	Surface Method	Datum Date	
Addition		Bloc	:k	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, July 12, 2016

Section 6: Well Construction Details

Borehole dimensions

From	То	Diameter
0	318	7.9
318	580	6

Casing

From	То	2000	Wall Thickness	Pressure Rating	2010/01/01	Туре
-2	318	6.6	0.25		WELDED	A53B STEEL
40	580	4.5		220.0	SPLINE	PVC-SCHED 40

Completion (Perf/Screen)

From	То	and the second	Size of Openings	Description
380	580	4.5	020	FACTORY SLOTTED

580 GRAY SHALE & CLAY - SOFT

Annular Space (Seal/Grout/Packer)

			Cont.	
From	To	Description	Fed?	
0	40	BENTONITE		

525

Section 7: Well Test Data

Total Depth: 580 Static Water Level: 407 Water Temperature:

Air Test *

_1 gpm with drill stem set at _575 feet for _2 hours. Time of recovery _48 hours. Recovery water level _407 feet. Pumping water level _ feet.

Pump Test *

Depth pump set for test 500 feet.

8 gpm pump rate with 85 feet of drawdown after 4 hours of

pumping.

Time of recovery <u>48</u> hours.
Recovery water level <u>431</u> feet.
Pumping water level _ feet.

Section 8: Remarks

SOME LOST CIRCULATION. VERY LITTLE WATER FLOW WITH AIR, HAD TO PUMP TEST TO DETERMINE FLOW

Section 9: Well Log Geologic Source

300UDFD - PALEOZOIC UNDIFFERENTIATED

From	To	Description
0	115	SAND, GRAVEL, COBBLES & LARGE BOULDERS - CLAYBOUND
115	120	SOFT YELLOW GRAY LIMESTONE
120	154	WEATHERED REDDISH YELLOW LIMESTONE & CLAY
154	158	OLIVE GREEN LIMESTONE
158	250	WEATHERED REDDISH YELLOW LIMESTONE & CLAY
250	262	BLUISH GREEN SHALE & CLAY - SOFT
262	275	REDDISH YELLOW CLAY - SOME ROCK - SOFT
275	310	RED & BROWN LIMESTONE (HARDER) WITH FRACTURED ZONES - NO WATER
310	356	RED & BROWN LIMESTONE - HARD
356	370	SAME - FRACTURED WITH CLAY ZONES
370		SOFTER - MORE CLAY
420	435	YELLOW BROWN LIMESTONE - ALTERNATING HARD & SOFT - SOME CLAY
435	445	GREENISH GRAY SHALE & CLAY
445	472	SAME - HARDER - LESS CLAY
472	476	REDDISH BROWN SANDSTONE - HARD, FRACTURED

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: WILL HAYES Company: HAYES DRILLING

License No: WWC-361 Date Completed: 7/12/2016

Site Name: MADDEN, TED & CARA MCNEELY GWIC Id: 288706 Additional Lithology Records				
From	То	Description		
476	481	GREEN SHALE		
481	486	REDDISH BROWN SANDSTONE - HARD		
486	502	GREEN SHALE & CLAY		
502	506	RED & GRAY SANDSTONE - HARD		
506	525	GREEN SHALE - SOME CLAY		

^{*} 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.

Site Name: DOBBS ALISON

GWIC Id: 165154

Section 1: Well Owner(s) 1) DOBBS, ALISON (MAIL)

2719 E RIVER RD

LIVINGSTON MT 59047 [08/25/1997]

Section 2: Location

Range	Section	Quarter Sections
10E	29	SE1/4 SW1/4 NW1/4
inty		Geocode
	10E	10E 29

PAR

Latitude Longitude Geomethod Datum 45.548559 -110.52439 TRS-SEC NAD83 Ground Surface Altitude **Ground Surface Method**

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: Monday, August 25, 1997

Section 6: Well Construction Details

Boreh	ole (dimensions
From	То	Diameter
0	20	8
20	220	6
220	340	5

Casing

То				Туре
219	6			STEEL
340	4			PVC
	219	 To Diameter Thickness 219 6	To Diameter Thickness Rating 219 6	To Diameter Thickness Rating Joint 219 6

Completion (Perf/Screen)

			# of	Size of	
From	To	Diameter	Openings	Openings	Description
260	340	4		3/8	DRILLED HOLES

Annular Space (Seal/Grout/Packer)

			Cont.
From	To	Description	Fed?
0	20	BENTONITE	

Section 7: Well Test Data

Total Depth: 340 Static Water Level: 258 Water Temperature:

Air Test *

12 gpm with drill stem set at _ feet for _1 hours.

Time of recovery _ hours. Recovery water level _ feet. Pumping water level 330 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 Datum Date well. Sustainable yield does not include the reservoir of the well casing.

Section 8: Remarks

Section 9: Well Log Geologic Source

330MDSN - MADISON GROUP OR LIMESTONE

Γ	To	Description
From		Description
0	4	CLAYBOUND GRAVELS & COBBLES
4	12	CLAY
12	78	LARGE BOULDERS & GRAVEL
78	160	INTERMITTANT CLAYBOUND GRAVELS W/LOOSE GRAVELS COBBLES & POOR ARC OCCASSIONAL LARGE BOULDER
160	185	LARGE BOULDERS & GRAVEL W/SOME CLAY
185	197	LOOSE GRAVELS & SAND & SOME CLAY
197	201	HARD LIMESTONE
201	222	LIMESTONE & SOFT CLAY
222		LIMESTONE & HARDER COLOR VARIES FROM GRAY TO YELLOW/ORANGE CLAY & HARDNESS VARIES ALSO

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: HAYES DRILLING

License No: WWC-361 Date Completed: 8/25/1997

Site Name: DOBBS ALISON

GWIC Id: 174831

Section 1: Well Owner(s)

1) DOBBS, ALISON (MAIL)

200 DEEP CK RD

LIVINGSTON MT 59047 [05/27/1999]

Section 2: Location

Township	Range	Section	Quarter Sections
03S	10E	29	SE1/4 SE1/4 SW1/4 NW1/4
County			Geocode

PARK

Latitude Longitude Geomethod Datum
45.548096 -110.523718 TRS-SEC NAD83
Ground Surface Altitude Ground Surface Method Datum Date

Addition Block Lot

Section 3: Proposed Use of Water

There are no uses assigned to this well.

Section 4: Type of Work

Drilling Method: ROTARY Status: NEW WELL

Section 5: Well Completion Date

Date well completed: Thursday, May 27, 1999

Section 6: Well Construction Details

Borehole dimensions

Diameter	10	From
8	20	0
6	260	20
5	500	260

Casing

From	То	1,000	Wall Thickness	Pressure Rating	Joint	Туре
-1.5	259	6				STEEL
20	500	4				PVC
_		10 110	0.0003.3			

Completion (Perf/Screen)

From	То		Size of Openings	Description
400	420	4		3/8 X 3/8 DRILL
440	480	4		3/8 X 3/8 DRILL

Annular Space (Seal/Grout/Packer)

From	То	Description	Cont. Fed?
0	20	BENTONITE	

Section 7: Well Test Data

Total Depth: 500 Static Water Level: 374 Water Temperature:

Air Test *

5 gpm with drill stem set at 480 feet for 2 hours.

Time of recovery <u>2</u> hours. Recovery water level <u>324</u> feet. Pumping water level <u>feet</u>.

Datum * 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

330MDSN - MADISON GROUP OR LIMESTONE

From	To	Description
0	7	PACKED SANDY CLAY L BROWN
7	15	LOOSE SANDY GRAVELS
15	85	LARGE BOULDERS CLAY BOUND GRAVELS
85	93	RED/BROWN SANDY CLAY SOME GRAVEL
93	191	CLAYBOUND GRAVELS NUMEROUS LARGE BOULDERS SLOW DRILLING
191	196	LIMESTONE YELLOW HARD
196	205	BROKEN LIMESTONE MIXED WITH GRAVELS AND CLAY
205	220	LOST CIRCULATION MOSTLY LIMESTONE
220	234	LIMESTONE WITH BLACK ROCK MIXED IN
234	256	SAME BUT VERY HARD
256	265	YELLOW LIMESTONE HARD
265	278	REDDISH YELLOW LIME SOME CLAY
278	295	RED VERY HARD
295	310	GREEN CLAY AND SOFT LIME
310	390	MIXTURE OF SAME LIMESTONE

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: HAYES DRILLING

License No: WWC-361 Date Completed: 5/27/1999

Site	Name: DOBBS ALISON
CLAZE	C L.L. 474004

GWIC Id: 174831

Additional Lithology Records

radiciona	tunional Entropy Notice				
From	То	Description			
390	413	HARD LIME MIXTURE OF COLORS AND WATER			
413	440	SOFTER MOSTLY GREEN			
440	480	HARD GREEN YELLOW AND REDS			
480	500	SOFT GREEN LOTS OF CLAY			

Site Name: DOBBS ALISON

GWIC ld: 174830

Section 1: Well Owner(s) 1) DOBBS, ALISON (MAIL)

200 DEEP CK RD

LIVINGSTON MT 59047 [05/20/1999]

Section 2: Location

Township	Range	Section	Quarter Sections
03S	10E	29	SE1/4 SW1/4 SW1/4 NW1/4
Co	unty		Geocode
PARK			

45.548096

Latitude Longitude Geomethod Datum TRS-SEC NAD83 -110.526406 Ground Surface Altitude **Ground Surface Method**

Addition Block l ot

Section 3: Proposed Use of Water

There are no uses assigned to this well.

Section 4: Type of Work

Drilling Method: ROTARY Status: NEW WELL

Section 5: Well Completion Date

Date well completed: Thursday, May 20, 1999

Section 6: Well Construction Details

Borehole dimensions From To Diameter

	6		0 80		
etrine	cacina	no	ara	Thoro	

There are no casing strings assigned to this well.

There are no completion records assigned to this well.

Annular Space (Seal/Grout/Packer)

From	То	Description	Cont. Fed?
0	0	BENTONITE	

Section 7: Well Test Data

Total Depth: 80 Static Water Level: 0 Water Temperature:

Air Test *

0 gpm with drill stem set at 80 feet for 0 hours.

Time of recovery <u>0</u> 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 Datum Date well. Sustainable yield does not include the reservoir of the well casing.

Section 8: Remarks

Section 9: Well Log **Geologic Source**

112DRFT - GLACIAL DRIFT

From	To	Description
0	55	LARGE BOULDERS CLAY BOUND GRAVELS
55	63	STICKY SAND CLAY LITTLE GRAVEL REDDISH BROWN COLOR
63	80	BOULDERS 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: HAYES DRILLING

License No: WWC-361 Date Completed: 5/20/1999

Site Name: GARRETT, BRENT

GWIC ld: 222598

Section 1: Well Owner(s) 1) GARRETT, BRENT (WELL) 182 DEEP CREEK ROAD LIVINGSTON MT 59047 [05/23/2017] GARRETT, BRENT (MAIL)

17937 W BUENA VISTA DR. SURPRISE AZ 85374-1926 [09/02/2005]

Section 2: Location

Iownship	Kange	Section	Quarter	Section	ons
03N	10E	29	SW1/4 SW	/1/4 N\	N1/4
Cou	nty		Geocode		
PARK					
Latitude		Longitude	Geometh	od	Datum
45.5478333333	333 -110).527666666667	NAV-GP	S	WGS84
Ground Surface	ce Altitude	Ground Surface	ce Method	Date	um Date

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: Friday, September 2, 2005

Section 6: Well Construction Details

Borehole dimensions From To Diameter 0 340 6

Casing

From	То		Wall Thickness	Pressure Rating		Type
-2	258	6	0.250		WELDED	STEEL
240	340	4		160.00		PVC

Completion (Perf/Screen)

		W.	# of	Size of	
From	То	Diameter	Openings	Openings	Description
340	340	4		1/8 IN	DRILLED HOLES

Annular Space (Seal/Grout/Packer)

			Cont.
From	То	Description	Fed?
0	0	BENTONITE	Υ

Section 7: Well Test Data

Total Depth: 340 Static Water Level: 250 Water Temperature:

Air Test *

6 gpm with drill stem set at 340 feet for 2 hours. Time of recovery 1 hours. Recovery water level 250 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.

Ground Surface Method Datum Date Section 8: Remarks

Section 9: Well Log Geologic Source

300LIDED - PALEOZOIC UNDIFFERENTIATED

From	To	Description
0	170	SAND GRAVEL & BOULDERS
170	325	LIMESTONE
325	340	BLUE SHALE

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: VINCENT HILLMAN Company: HILLMAN DRILLING

License No: WWC-436 Date Completed: 9/2/2005

Site Name: BLILER JAMES & G

GWIC Id: 99839

Section 1: Well Owner(s)

1) BLILER, JAMES AND GLORIA (MAIL)

HOFFMAN RT

LIVINGSTON MT 59047 [10/30/1970]

Section 2: Location

Township	Range	Section	Quarter	Sections	
03S	10E	30	NE1/4 SE1/4		
Cou	nty		Geocode		
PARK					
Latitude	Longi	tude	Geomethod	Dat	um
45.545935	-110.53	30701	TRS-SEC	NAI	083
Ground Surface	ce Altitude	Ground S	urface Method	Datum	Dat
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: Friday, October 30, 1970

Section 6: Well Construction Details

There are no borehole dimensions assigned to this well.

Casing

			Wall	Pressure		
From	To	Diameter	Thickness	Rating	Joint	Туре
0	14	7				STEEL
0	80	5				PVC
Comp	lati	on /Dorf/C	oroonl		10	3.0

Completion (Perf/Screen)

			# of	Size of	
From	То	Diameter	Openings	Openings	Description
70	80	5		1/8	SLOTS

Annular Space (Seal/Grout/Packer)

There are no annular space records assigned to this well.

Section 7: Well Test Data

Total Depth: 80 Static Water Level: 70 Water Temperature:

Pump Test *

Depth pump set for test _ feet.

9 gpm pump rate with _ feet of drawdown after 7 hours of pumping.

Time of recovery _ hours. Recovery water level _ feet. Pumping water level 70 feet.

te * 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**

112DRFT - GLACIAL DRIFT

From	To	Description
0	80	SAND GRAVEL AND BOULDERS (1GPM @ 50'- 9 GPM @ 80')
	d 2	

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-197 Date Completed: 10/30/1970 Site Name: LAMBERT WILBUR

GWIC Id: 99831

Section 1: Well Owner(s) 1) LAMBERT, WILBUR (MAIL)

HOFFMAN RT

LIVINGSTON MT 59047 [07/01/1943]

Section 2: Location

Township	Range	Section	Quarter	Sections		
03S	10E	30	NW1/4			
Cou	nty		Geocode			
PARK						
Latitude	Longi	tude	Geomethod	Datum		
45.551461	-110.5	4376	TRS-SEC	NAD83		
Ground Surfac	ce Altitude	Ground	Surface Method	Datum Date		

Block

Section 3: Proposed Use of Water

DOMESTIC (1) STOCKWATER (2)

Addition

Section 4: Type of Work

Drilling Method: Status: NEW WELL

Section 5: Well Completion Date

Date well completed: Thursday, April 1, 1943

Section 6: Well Construction Details

There are no borehole dimensions assigned to this well.

Casing

	, ,	2.3	00	35	100	
From	То	Diameter	Wall Thickness	Pressure Rating	Joint	Туре
0	280	8				
	0.0		3803.0			

Completion (Perf/Screen)

			# of	Size of	
From	To	Diameter	Openings	Openings	Description
280	280	8			OPEN BOTTOM *

Annular Space (Seal/Grout/Packer)

Section 7: Well Test Data

Total Depth: 280 Static Water Level: 150 Water Temperature:

Unknown Test Method *

Yield 3 gpm. Pumping water level _ feet. Time of recovery _ hours. Recovery 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

112DRFT - GLACIAL DRIFT

Lithology Data

There are no lithologic details assigned to this well.

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: -

Date Completed: 4/1/1943

Site Name: WHITE LESLIE

GWIC Id: 99838

Section 1: Well Owner(s) 1) WHITE, LESLIE (MAIL)

PO BOX 379

LIVINGSTON MT 59047 [12/24/1958]

Section 2: Location

Township	Range	Section	Quarter Sections	
03S	10E	30	SE1/4	
Cou	nty		Geocode	
PARK				

Latitude	Longi	tude	Geomethod	Dat	um
45.544093	-110.53	33313	TRS-SEC	NAI	083
Ground Surface	Altitude	Ground	Surface Method	Datum	Date

Addition Block

Section 3: Proposed Use of Water

DOMESTIC (1) STOCKWATER (2)

Section 4: Type of Work

Drilling Method: Status: NEW WELL

Section 5: Well Completion Date

Date well completed: Wednesday, December 24, 1958

Section 6: Well Construction Details

There are no borehole dimensions assigned to this well.

Casing

From	То	Diameter	Wall Thickness	Pressure Rating	Joint	Туре
0	97	6				

Completion (Perf/Screen)

			# of	Size of	
From	То	Diameter	Openings	Openings	Description
97	97	6			OPEN BOTTOM *

Annular Space (Seal/Grout/Packer)

There are no annular space records assigned to this well.

Section 7: Well Test Data

Total Depth: 97 Static Water Level: 50 Water Temperature:

Unknown Test Method *

Yield 10 gpm. Pumping water level _ feet. Time of recovery _ hours. Recovery 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 e well. Sustainable yield does not include the reservoir of the well casing.

Section 8: Remarks

Section 9: Well Log **Geologic Source**

112DRFT - GLACIAL DRIFT

Lithology Data

There are no lithologic details assigned to this well.

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: -

Date Completed: 12/24/1958

Site Name: TECCA, TONY

GWIC Id: 159719

DNRC Water Right: 30120080

Section 1: Well Owner(s)

1) TECCA, TONY (MAIL)

313 S 13TH

Township

LIVINGSTON MT 59047 [06/04/1996]

Range

Section 2: Location

03S	10E	30	SW1/4 NE1/4	SE¼ NE¼
Co	ounty		Geocode)
PARK				
Latitude	Longitud	e Geo	method	Datum
45.5487	-110.529	1 N/	AV-GPS	NAD27
Ground Surf	face Altitude	Ground Surfa	ce Method	Datum Date
52	25			
Measuring	Point Altitude	MP Method	Datum	Date Applies
52	226.3			11/10/2001
Addition		Block		Lot

Section

Quarter Sections

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, June 4, 1996

Section 6: Well Construction Details

Borehole dimensions
From To Diameter
0 355 6

	а	S	ı	r	١	n		
•	ч	-			ı	ч		

From	То	and the same of th	Wall Thickness	Pressure Rating	Joint	Туре
-2	328	6				STEEL
295	355	4				PVC

Completion (Perf/Screen)

			# of	Size of	
From	То	Diameter	Openings	Openings	Description
315	355	4			1/8 HOLE PERFS

Annular Space (Seal/Grout/Packer)

			Cont.
From	To	Description	Fed?
0	20	BENTONITE	

Section 7: Well Test Data

Total Depth: 355 Static Water Level: 299 Water Temperature:

Air Test *

8 gpm with drill stem set at _ feet for 1 hours. Time of recovery _ hours. Recovery water level _ feet. Pumping water level 350 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

112DRFT - GLACIAL DRIFT

From	To	Description
0	3	TOPSOIL
3	355	SAND GRAVEL AND BOULDERS
	2 .	

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: HILLMAN DRILLING

License No: WWC-436 Date Completed: 6/4/1996 Site Name: SCHLEICHER EARL

GWIC Id: 99840

Section 1: Well Owner(s) 1) SCHLEICHER, EARL (MAIL)

110 S K ST

LIVINGSTON MT 59047 [11/07/1981]

Section 2: Location

Township	Range	Section	Quarter Sections
03S	10E	30	SW1/4 NW1/4 SW1/4 SE1/4
Co	ounty		Geocode

PARK

Latitude	Longi	tude	Geomethod	d	Datum
45.5432	-110.5	5367	NAV-GPS		NAD27
Ground Surface	Altitude	Ground	Surface Method	Datum	Date
5080					11/10/2001

Block

Measuring Point Altitude MP Method Datum

Date Applies 11/10/2002 3:05:00 PM

5082.55 Addition

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: Saturday, November 7, 1981

Section 6: Well Construction Details

There are no borehole dimensions assigned to this well.

Casing

From	То		Wall Thickness	Pressure Rating	Joint	Туре	
0	74	6				STEEL	
64	104	4				PVC	
C 1 / / / / / / / / /							

Completion (Perf/Screen)

			# of	Size of	
From	То	Diameter	Openings	Openings	Description
84	104	4			1/2

Annular Space (Seal/Grout/Packer)

There are no annular space records assigned to this well.

Section 7: Well Test Data

Total Depth: 104 Static Water Level: 75 Water Temperature:

Air Test *

6 gpm with drill stem set at _ feet for 1 hours.

Time of recovery _ hours. Recovery water level _ feet. Pumping water level 104 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

112DRET - GLACIAL DRIFT

From	To	Description
0	12	LARGE BOULDERS
12	68	GRALVE AND SAND
68	104	LARGE BOULDERS 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: HILLMAN DRILLING

License No: WWC-258 Date Completed: 11/7/1981

Site Name: FONDA PETER

GWIC Id: 99832

Section 1: Well Owner(s)
1) FONDA, PETER (MAIL)

75 INDIAN HILL RD

LIVINGSTON MT 59047 [08/14/2000]

2) FONDA, PETER (MAIL)

RT 38

LIVINGSTON MT 59047 [03/15/1984]

Township Range Section

Section 2: Location

03S	10E	30	NW14 NW14 SE14 NV		√W1⁄4
Co	unty		Geocode		
PARK					
Latitude	Longit	ude	Geomethod		Datum
45.5508	-110.5	416	NAV-GPS		NAD27
Ground Surfa	ce Altitude	Ground Surf	ace Method	Datum	Date
505	0				8/14/2000
Measuring Point Altitude		MP Method	Datum	Date Ap	plies
506	52		8/14	4/2000 6:	00:00 PM
Addition		Block		Lot	

Quarter Sections

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: Thursday, March 15, 1984

Section 6: Well Construction Details

There are no borehole dimensions assigned to this well.

Casing

From	То	90.00	Wall Thickness	Pressure Rating	Joint	Туре
0	120	6				
120	280	4				

Completion (Perf/Screen)

			# of	Size of	
From	То	Diameter	Openings	Openings	Description
280	280	4			OPEN BOTTOM *

Annular Space (Seal/Grout/Packer)

There are no annular space records assigned to this well.

Section 7: Well Test Data

Total Depth: 280 Static Water Level: 160 Water Temperature:

Air Test *

8 gpm with drill stem set at _ feet for 2 hours. Time of recovery _ hours. Recovery water level _ feet. Pumping water level _260 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

330MDSN - MADISON GROUP OR LIMESTONE

From	То	Description
0	4	CLAY
4	100	BOULDERS AND SAND
100	110	GRAVEL
110	115	BOULDERS
115	128	GRAVEL AND CLAY
128	135	BOULDERS
135	180	LIMESTONE BEDROCK
180	260	HARD LIMESTONE
210	280	LIMESTONE AND CLAY

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: HILLMAN DRILLING

License No: WWC-361 Date Completed: 3/15/1984