

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 98-07818

Exam Date: 8/1/2012

1. Current Owner:

THREE MILE WATER DISTRICT PO BOX 906 BONNERS FERRY ID 83805 (208)267-5166

2. Accompanied by: Byron Regehr

Phone No: 208-304-5627

Address: same

Relationship to Permit Holder: System Operator

3. SOURCE: GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 98-7325, 98-7820, 98-7822, 98-7672

2. Other water rights with the same point-of-diversion: 98-7820, 98-7822

C. DIVERSION AND DELIVERY SYSTEM

1. LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 1, Twp 62N, Rge 01E, B.M. BOUNDARY County

GROUND WATER SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 1, Twp 62N, Rge 01E, B.M. BOUNDARY County

GROUND WATER SE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 1, Twp 62N, Rge 01E, B.M. BOUNDARY County

GROUND WATER SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 1, Twp 62N, Rge 01E, B.M. BOUNDARY County

GROUND WATER SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 1, Twp 62N, Rge 01E, B.M. BOUNDARY County

Method of Determination: GPS and maps.

3. Delivery System Diagram Attached (required). Indicate all major components and distances between components.
Indicate weir size/pipe as applicable.

X Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.

X Aerial Photo Attached (required for irrigation of 10+ acres).

X Photo of Diversion and System Attached

4.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
D0053955					
D0017429					
D0017432					
D0054272					

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements:

E. FLOW CALCULATIONS

Measured Method:

X Additional Computation Sheets Attached

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} =$$

2. Volume Calculations for Other Uses:

G. NARRATIVE/REMARKS/COMMENTS

FIELD EXAM SHOWED WATER DISTRICT HAD 5 WELLS LOCATED NEAR EACH OTHER IN A WELL FIELD. FLOW DATA WAS PROVIDED BY SYSTEM OPERATOR. DATA SHOWED 5 WELLS WERE CAPABLE OF PRODUCING A COMBINED AMOUNT OF 1,495 GPM OR 3.33 CFS. OPERATOR PROVIDED UPDATED SERVICE AREA MAP FOR MUNICIPAL PROVIDER. LICENSE WILL BE ISSUED FOR 3.00 CFS WITHOUT AN ANNUAL VOLUME.

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS

1. Recommended Amounts

BENEFICIAL USE
MUNICIPAL

PERIOD OF USE
01/01 to 12/31

DIVERSION RATE
3.00 CFS

Totals: 3.000 CFS

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ None

I. AUTHENTICATION

Field Examiner's Name Eve [Signature] Date 2-25-2016

Reviewer Adam [Signature] Date 3-2-16

This AGREEMENT, made and entered this 7th day of December
2005

By and between CITY OF MOYIE SPRINGS, IDAHO, hereafter
Referred to as "City" and (THREE MILE WATER DISTRICT.) hereafter
referred to as "District."

WITNESSETH:

WHEREAS. City, a municipal corporation, provides water to its
citizens through its own established water system; and,

WHEREAS. District a duly organized water district
Established pursuant of Idaho Code Title 42, Chapter 32, provides
Water to residents within its boundaries through its own
Established water system: and,

WHEREAS, the two systems can interconnect by opening a valve
Located just west of the McClure Subdivision on the north side of
Old Highway #2,1 or by establishing another connection valve: and,

WHEREAS, it is anticipated that either system may, on
occasion, experience water shortages for limited periods: and,

WHEREAS, in the event of such shortage, it is desired by the
parties hereto that the party with the shortage obtain, to the
extent possible without creating another shortage, water from the
other party;

NOW, THEREFORE, in consideration of the mutual promises
contained herein, the parties agree as follows:

1. CONNECTING LINE: The parties agree, at their joint expense, to establish a connecting four-inch (4") line with shut off valve for the purpose of assisting each other in times of shortage. Such line shall be located be mutual agreement.

2. PROCEDURE: If one party shall have a shortage, it shall notify the other party. If the party notified does not have a shortage, it shall forthwith authorize above described valve or valves to be opened.

3. SHORTAGE: In the event the supplying party determines it is encountering a shortage, it shall so notify the other party.

4. NOTICE: Any notice given under this agreement shall be by telephone from clerk to secretary or secretary to clerk. The telephone call shall be complete notice as of the time of the call, however, within twenty-four hours if the call, written notice confirming the telephone call will be deposited in the mail by the calling party directed to the party called.

5. PAYMENT: Payment for the water used shall be at the rate of Two Dollars and Ten Cents(\$2.10) per thousand (1000) gallons, regardless of who is obtaining water from whom.

During the term of this agreement, a record of use shall be kept, and the net owing shall be due and payable annually.

6. TERM: This agreement shall automatically renew each December 7, unless cancelled by either party, in writing, with 30 day notice.

Attest: Sandra L. Compson By Joe H. Marshall
Clerk, City of Moyie Springs Mayor

Attest: [Signature] THREE MILE WATER DISTRICT
Secretary, Three Mile water Dist. Jack Tice
Jack Tice

THREE MILE WATER DISTRICT

May 20th, 2013

Bee Line Water Association Inc.
PO Box 676
Bonners Ferry, Idaho 83805

Dear Bee Line Water Board,

In response to your request for a proposal for emergency use agreement between Three Mile Water District and Bee Line Water Association, please accept this letter as confirmation of verbal discussions held previously.

Three Mile Water District is willing to supply emergency use water to Bee Line Water Association on a case by case, as needed, basis. The cost to Bee Line for the use of water will be at actual cost, on a per usage basis, and can fluctuate based on actual electrical demand and current cost to produce water. A minimum \$3 per 1000 gallons minimum charge will be assessed. The district would like to have continued monitoring of Bee Line's well levels and usage will be at the discretion of the district to ensure no detrimental affect to district users.

If we can be of further assistance, please let us know.

Sincerely,

Three Mile Water District

NORTH WELLS
Three Mile Water District

Badger 4" meters on all wells

Flow date

Pump volume		Well # 1	E0006791	5/22/2013
Water right No.	98-7818	IDWR	1960? (old hopps well)	
Water permit No.				
HP 15		gpm	180	

Pump volume		Well # 2	E0008084	5/22/2013
Water right No.	98-7818	IDWR	D0017429	
Water permit No.				
HP 25		gpm	340	

Pump volume		Well # 3	E0005099	5/22/2013
Water right No.	98-7818	IDWR	D0017432	
Water permit No.				
HP 20		gpm	260	

Pump volume		Well # 4		5/22/2013
Water right No.	98-7818	IDWR	D0054272	
Water permit No.				
HP 25		gpm	340	

Pump volume		Well # 5		5/22/2013
Water right No.	98-7818	IDWR	D0053955	
Water permit No.				
HP 30		gpm	375	

Total GPM 1495 3.33 Cfs

T63N

R.1E.

R.2E.

Disrtict Boundary

Disrtict Boundary

3-Mile Water

T6

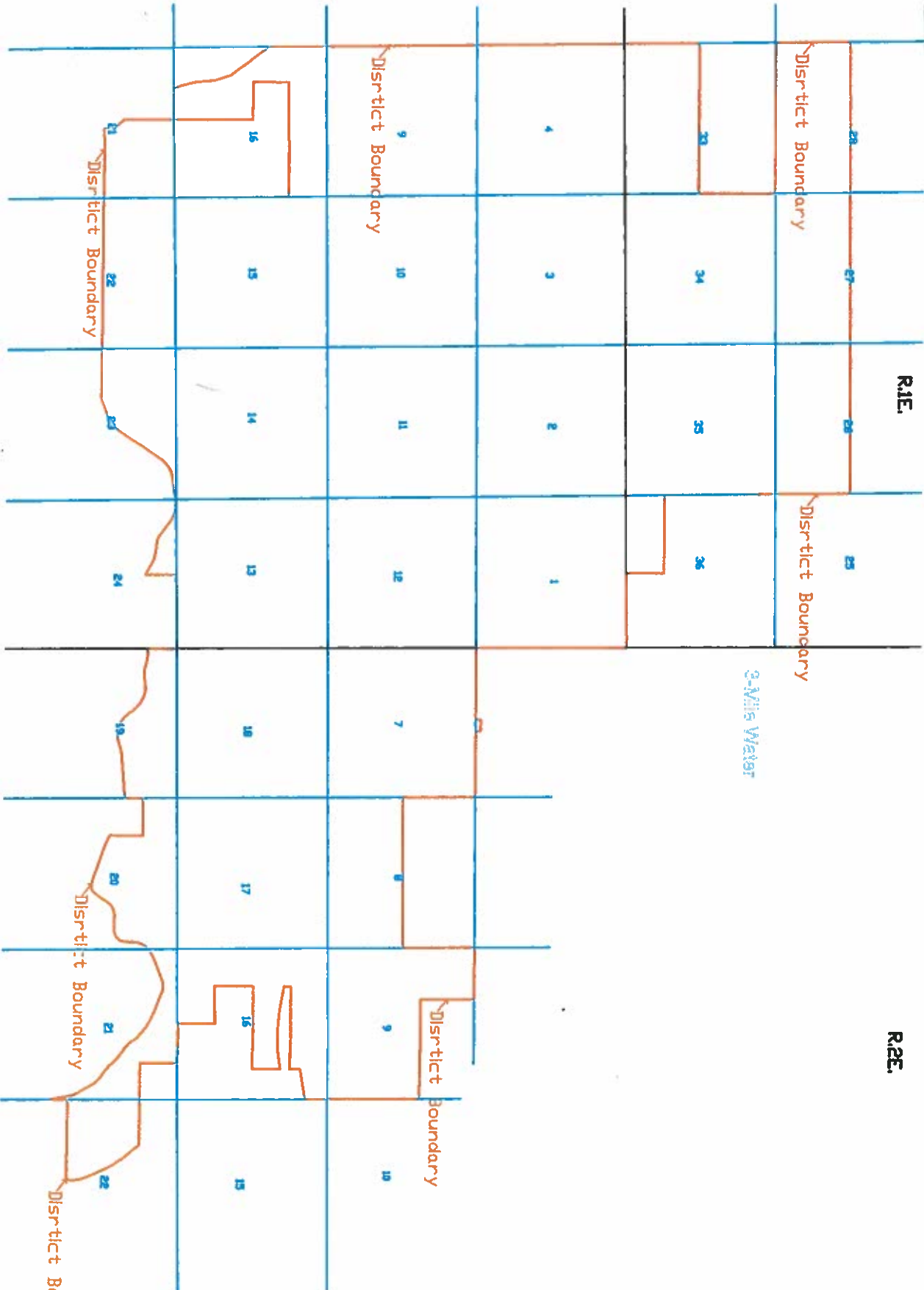
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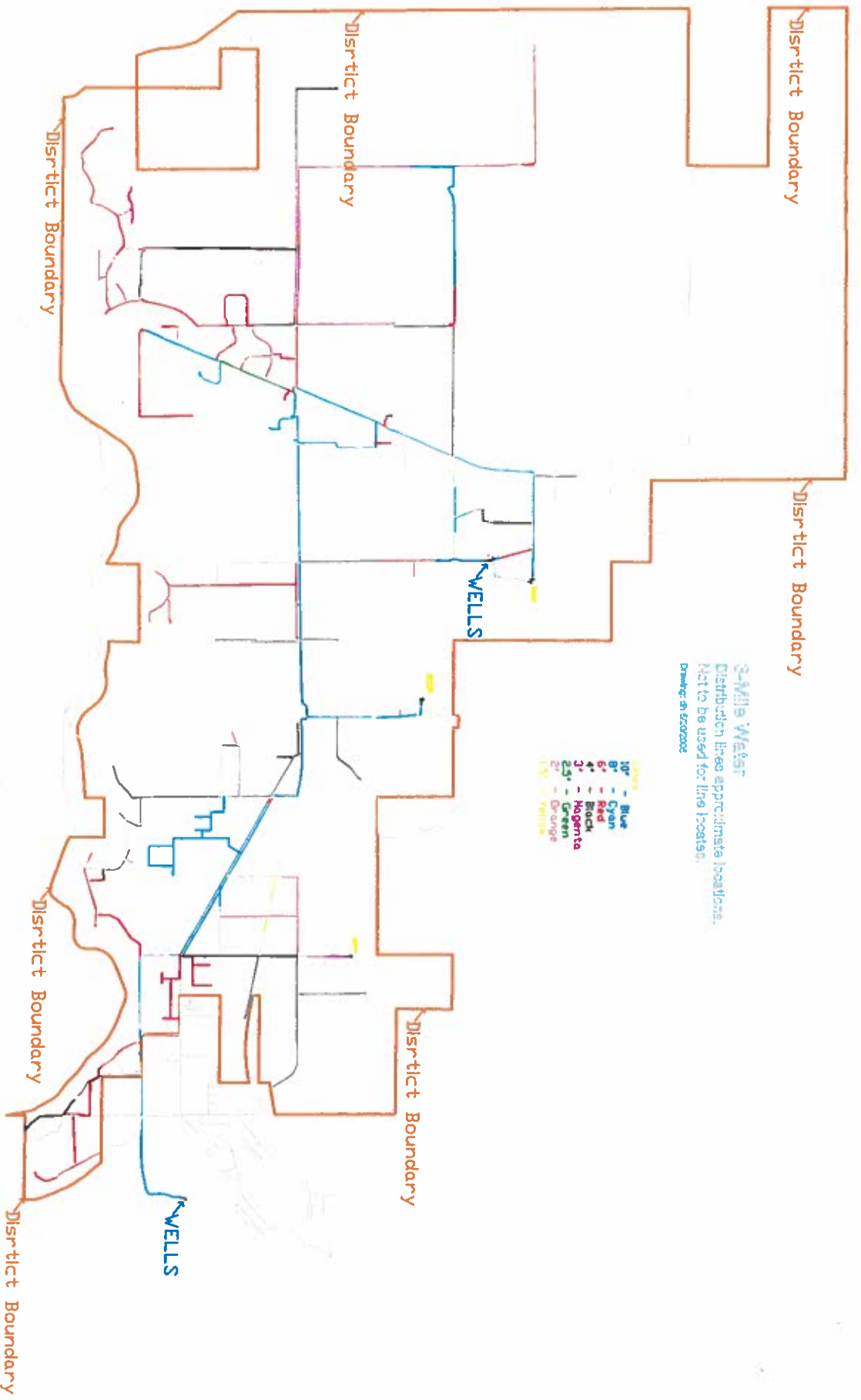
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District Boundary

District Boundary

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District Boundary

District Boundary

3-Wells West

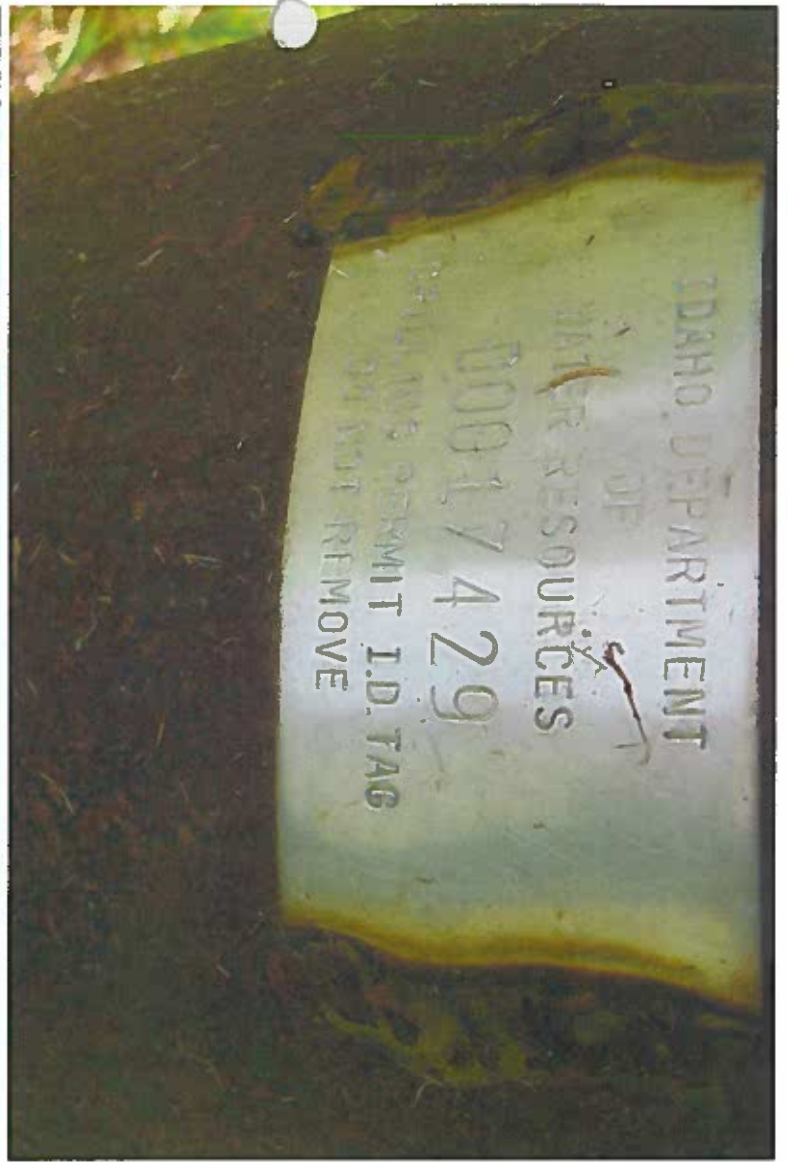
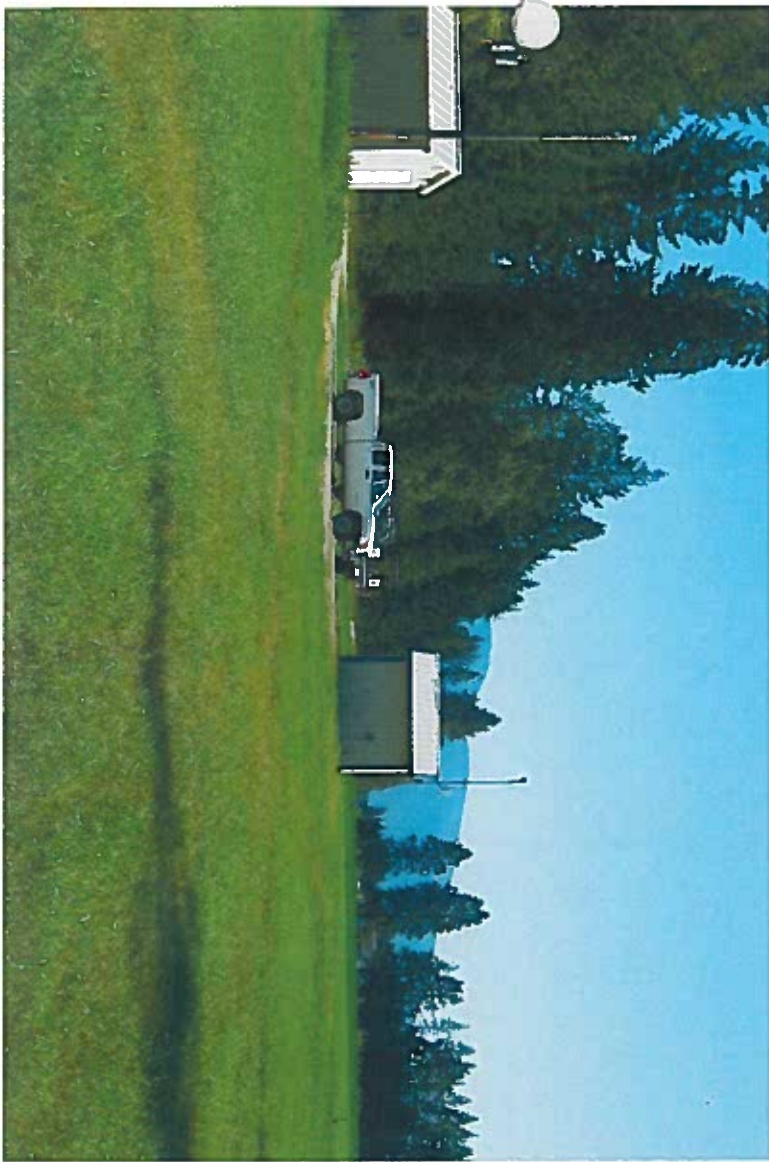
Distribution lines approximate locations.
Not to be used for line location.

Drawn: 01/20/2006

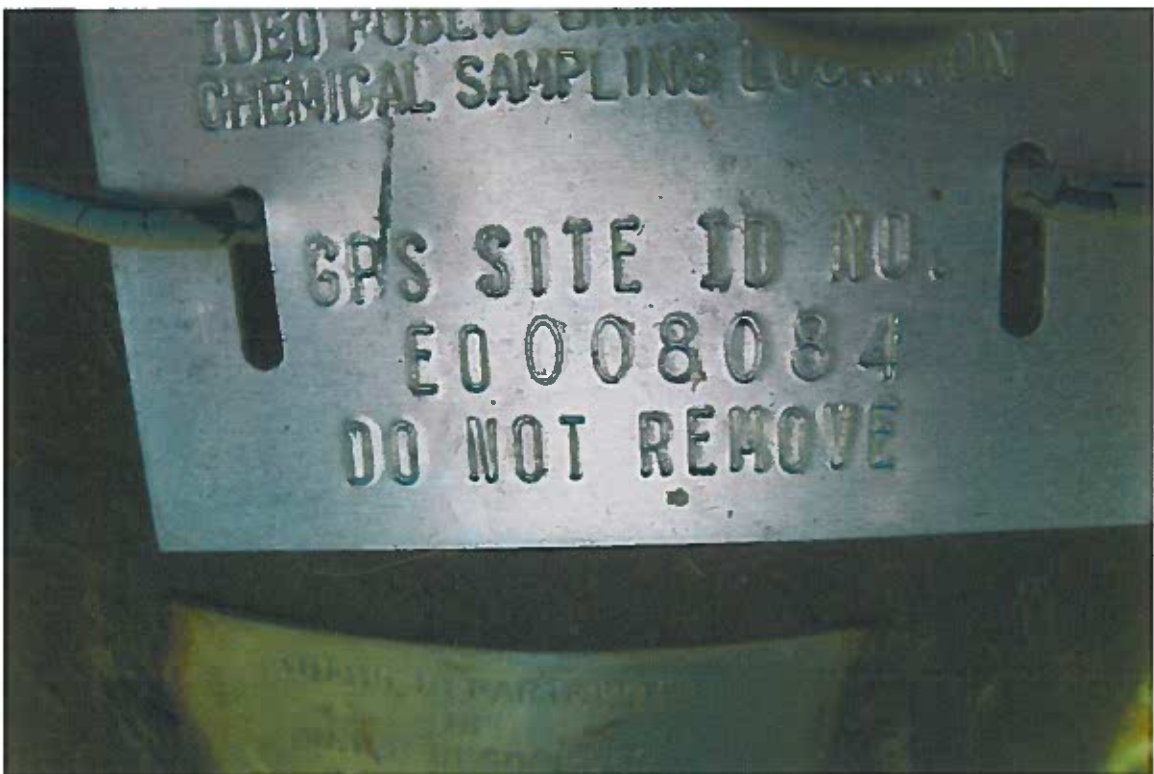
- 10" - Blue
- 8" - Cyan
- 6" - Red
- 4" - Black
- 3" - Magenta
- 2.5" - Green
- 2" - Orange
- 1.5" - Yellow

WELLS

WELLS



98-7818





98-7818





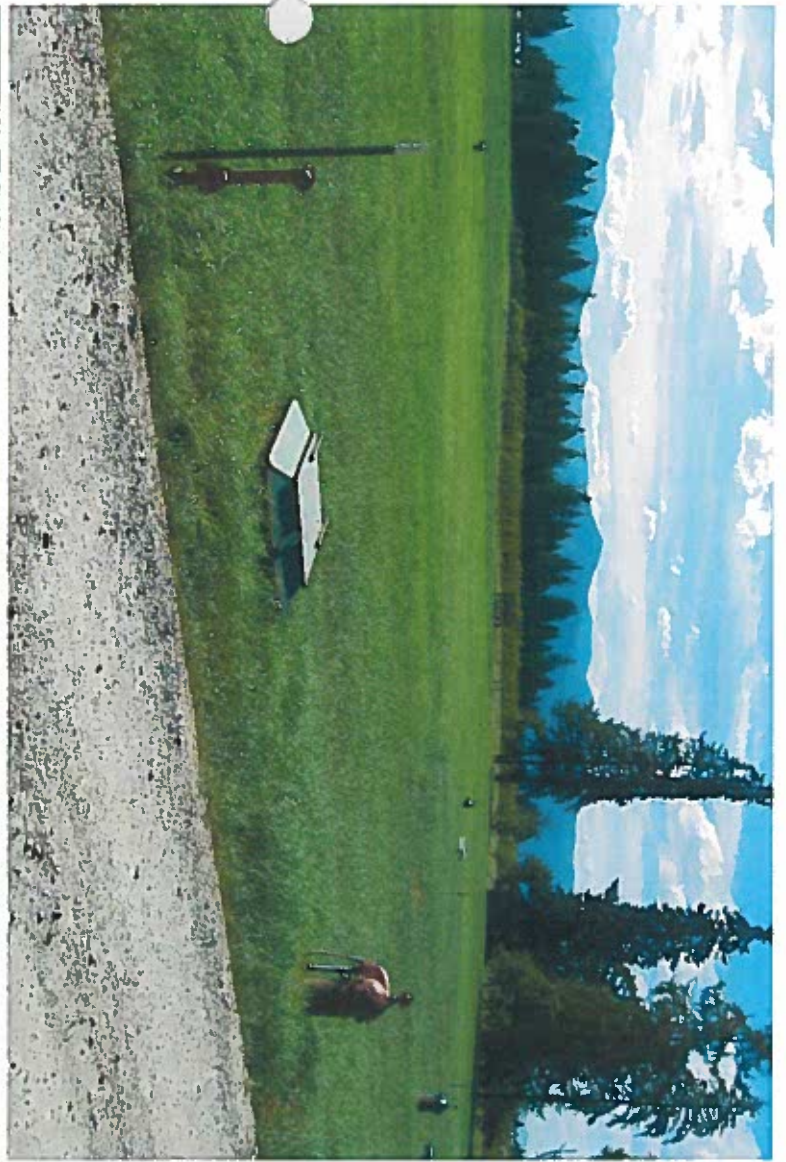
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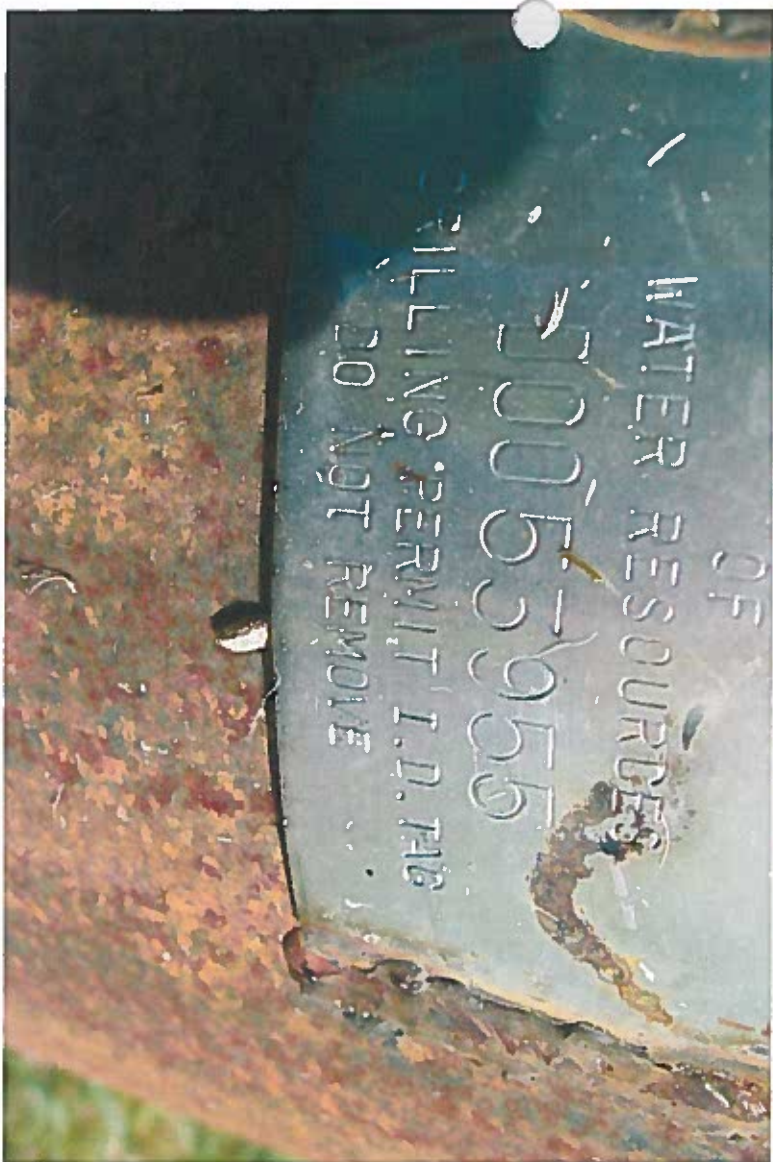
98-7818





98-7818





98-7818





98-7818

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Office Use Only			
Inspected by			
Twp	Rge	Sec	
	1/4	1/4	1/4
Lat	:	Long	:

1. WELL TAG NO. **D 0053955**
DRILLING PERMIT NO. **850730**
Other IDWR No. **420554**



2. OWNER:

Name **THREE MILE WATER DISTRICT**
Address **PO BOX 906**
City **BONNERS FERRY** State **ID** Zip **83805**

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

N		Twp. 62		North ☒ or South ☐	
W		Rge. 1	East ☒ or West ☐		
		Sec. 1	SE 1/4 NE 1/4 SW 1/4		
		Gov't Lot	County BOUNDARY		
S		Lat	Long		
		Address of Well Site OXFORD RD			
		City BONNERS FERRY			

(Give at least name of road + Distance to Road or Landmark)

LL **Blk.** Sub. Name

4. USE:

☐ Domestic ☒ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other

5. TYPE OF WORK: check all that apply

☒ New Well ☐ Modify ☐ Abandonment ☐ Other (Replacement etc.)

6. DRILL METHOD:

☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other

7. SEALING PROCEDURES:

Seal/Filter Pack		AMOUNT		METHOD
Material	From	To	Sacks or Pounds	
BENTONITE	0	60	1500#	OVERBORE/PUMPED

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) **96**

Was drive shoe seal tested? ☒ Y ☐ N How? **AIR**

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
10	+2	95	.365	STEEL	☒	☐	☒	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS:

☐ Perforations Method
☒ Screens Screen Type **SS/ALLOY MACHINE**

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
95	105	.70	1	9	SS	☐	☒

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

40 ft. below ground Artesian pressure _____ ft.
Depth flow encountered **40** ft. Describe access port or control devices: **WATERTIGHT CAP**

11. WELL TESTS:

Yield gal./min.	Drawdown	Pumping Level	Time
300	80	80	4HR
400+	100	100	4HR

Water Temp. **COLD** Bottom hole temp. **COLD**

Water Quality test or comments:

Depth first Water Encounter **40**

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia	From	To	Remarks: Lithology, Water Quality & Temperature	Water Y	N
14	0	40	FINE BROWN SAND		
14	40	45	GRAVEL/CLAY/SAND	X	
14	45	60	GREY CLAY		
10	60	89	GREY CLAY		
10	89	105	COARSE+FINE GRAVEL/ COARSE SAND/WATER	X	

RECEIVED

MAR 19 2008

IDWR/North

Completed Depth **105** (Measurable)
Date: Started **2/23/2008** Completed **2/26/2008**

13. DRILLER'S CERTIFICATION:

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name **MINDEN WATER WELLS, INC.** Firm No. **320**

Firm Official *Edward A. Minden* Date **3/6/2008**

and Driller or Operator *[Signature]* Date **3/6/2008**
(Sign once if Firm Official & Operator)

62N 1E 1

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Form 2002
11/97 USE

IDAHO DEPARTMENT OF WATER RESOURCES

IDWR/North

WELL DRILLER'S REPORT

Office Use Only			
Inspected by _____			
Twp _____	Rge _____	Sec _____	
_____ 1/4	_____ 1/4	_____ 1/4	
Lat: _____		Long: _____	

1. WELL TAG NO. D 0017432

DRILLING PERMIT NO. D0017432

Other IDWR No. 770292

2. OWNER:

Name THREE MILE WATER DIST.

Address PQ BOX 906

City BONNERS FERRY

State ID Zip 83805

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

POSTED

N		Twp. 62		North ☒ or South ☐	
W		Rge. 01		East ☒ or West ☐	
E		Sec. 1		NW 1/4 SE 1/4	
S		Gov't Lot		County BOUNDARY	
		Lat:		Long:	

Address of Well Site 32A

City BONNERS FERRY

(Give at least name of road - Distance to Road or Landmark)

Lt. _____ Blk. _____ Sub. Name _____

4. USE:

- ☐ Domestic ☒ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other

5. TYPE OF WORK: check all that apply (Replacement etc.)

- ☒ New Well ☐ Modify ☐ Abandonment ☐ Other

6. DRILL METHOD:

- ☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other

7. SEALING PROCEDURES:

Seal/Filter Pack			AMOUNT		METHOD
Material	From	To	Sacks or Pounds		
BENTONITE	0	18	1600#		OVERBORE

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 111

Was drive shoe seal tested? ☒ Y ☐ N How? AIR

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
10	+1.5	111	.365	STEEL	☒	☐	☒	☐
8	107	112	.250	STEEL	☐	☒	☒	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS:

- ☐ Perforations Method _____
☒ Screens Screen Type HOUSTON

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
112'	132'	100		8	stain	☒	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

41 ft. below ground Artesian pressure _____ lb.

Depth flow encountered 112 ft. Describe access port or control

devices: WELLED CAP

11. WELL TESTS:

Yield gal./min.	Drawdown	Pumping Level	Time
275+	130	130	5HRS

Water Temp. COLD

Bottom hole temp. COLD

Water Quality test or comments: GOOD

Depth first Water Encounter 85

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water	
15	0	15	SILTY BROWN CLAY		
15	15	18	GREY CLAY		
10	18	35	GREY BROWN CLAY		
10	35	45	SAND / CLAY BROWN		
10	45	85	BLUE SANDY CLAY		
10	85	106	GRAVEL / SAND / CLAY	X	
10	106	118	GRAVEL / SAND	X	
10	118	124	SAND / LITTLE GRAVEL	X	
10	124	132	GRAVEL / SAND	X	

RECEIVED

DEC 13 2001

Completed Depth 132 (Measurable)

Date: Started 08/01/2001 Completed 08/02/2001

13. DRILLER'S CERTIFICATION:

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name MINDEN WATER WELLS, INC. Firm No. 320

Firm Official Edward A. Minden Date 08/06/2001

and Driller or Operator [Signature] Date 08/06/2001

(Sign once if Firm Official & Operator)

62N 1E 1

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IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

1. WELL TAG NO. **D 0054272**
DRILLING PERMIT NO. **850719**
Other IDWR No. **420543**

2. OWNER:

Name **THREE MILE WATER DISTRICT**

Address **PO BOX 906**

City **BONNERS FERRY**

State **ID** Zip **83805**

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

ENTERED

N W E S	Twp. 62	North ☒ or South ☐
	Rge. 1	East ☒ or West ☐
	Sec. 1	SE 1/4 NE 1/4 SW 1/4
	Gov't Lot	County BOUNDARY
Lat:		Long:
Address of Well Site OXFORD RD		
City BONNERS FERRY		

(Give at least name of road + Distance to Road or Landmark)

LL. Bk. Sub. Name

4. USE:

☐ Domestic ☒ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other

5. TYPE OF WORK: check all that apply (Replacement etc.)

☒ New Well ☐ Modify ☐ Abandonment ☐ Other

6. DRILL METHOD:

☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other

7. SEALING PROCEDURES:

Seal/Filter Pack			AMOUNT Sacks or Pounds	METHOD
Material	From	To		
BENTONITE	0	60	3000#	OVERBORE

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) **88**

Was drive shoe seal tested? ☒ Y ☐ N How? **AIR**

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
10	+1.5	88	365	STEEL	☒	☐	☒	☐

Length of Headpipe

Length of Tailpipe

9. PERFORATIONS/SCREENS:

☐ Perforations

Method

☒ Screens

Screen Type

SS ALLOY MACHINE

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
89	99	.70	1	9	SS	☐	☒

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

35 ft. below ground Artesian pressure lb.

Depth flow encountered **76** ft. Describe access port or control

devices: **WATERTIGHT CAP**

11. WELL TESTS:

Yield gal./min.	Drawdown	Pumping Level	Time
300	80	80	5HR
350	90	90	4HR
400	100	100	3HR

Water Temp. **COLD**

Bottom hole temp. **COLD**

Water Quality test or comments:

Depth first Water Encounter **76**

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water
14	0	15	FINE BROWN SAND	
14	15	60	BROWN SAND/CLAY	
10	60	68	BROWN CLAY	
10	68	76	GREY CLAY	
10	76	82	SAND/GRAVEL/WATER	X
10	82	83	SAND GRAVEL/GREY CLAY	
10	83	84	SAND/GRAVEL/WATER	X
10	84	88	CEMENTED SAND/GRAVEL	
10	88	103	SAND/GRAVEL/WATER	X
10	103		GREY CLAY/CEMENTED	
		105	SAND+GRAVEL	

RECEIVED

MAR 19 2008

IDWR/North

Completed Depth **105** (Measurable)
Date: Started **2/21/2008** Completed **2/23/2008**

13. DRILLER'S CERTIFICATION:

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name **MINDEN WATER WELLS, INC.** Firm No. **320**

Firm Official *Edward A. Minden* Date **3/6/2008**

and

Driller or Operator *[Signature]* Date **3/6/2008**

(Sign once if Firm Official & Operator)

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