



From: MR Greg Taylor

June 29, 2009

4216 N. Ballantyne Lane

Eagle, Idaho

June 30, 2009

RE: M3 Eagle Water Right Application Permit # 63-32573

To: Mr. Spackman,

I want to first appreciate the opportunity for allowing me to serve as a Public Witness on June 23, 2009 regarding my concern with the declining water level in my well and the potential impact that the large groundwater request by M3 Eagle may have on my well and my neighbor's wells (domestic and irrigation). During my testimony I referred to some information that I brought with me but I did not remember to turn this information in to you, the other protestants, and M3 to consider using during your hearing. This information includes my original well log completed in 1955, my new well log, completed this spring 2009, and letters from your department, IDWR, when they have measured my water level, including the visit they made when my well was dry. I am providing copies of this information to you, Mr. John Thornton, Mr. Alan Smith, Mr. Edwards and I will send this to M3's attorney Mr. Fereday so this can be used as part of the hearing.

As I stated in my testimony, my well and several other of my neighbor's wells have had a loss of water level in their wells requiring them to drill new wells or deepen their existing wells. It appears that the water levels are dropping as a result of the growth and development in the Eagle area, even before the potential withdrawal of M3's request for groundwater. This has and is likely to cause further water level declines resulting in an economic burden on any of the well owners in the Eagle area.

I appreciate your consideration of this information during the hearing procedures.

Sincerely,

A handwritten signature in black ink that reads "Greg Taylor". The signature is written in a cursive, flowing style.

Greg Taylor



**WELL LOG AND REPORT TO THE  
STATE RECLAMATION ENGINEER OF IDAHO**

Log No. \_\_\_\_\_

Rec. April 26, 19 55

Well No. \_\_\_\_\_

Permit No. 9-25043  
9-27982

(DO NOT FILL IN)

Owner Wasson, Truman Address RT 1, Eagle, Ida

Driller Walter D. Skimming Address RT 1, Eagle, Ida Lic. No. 33

Location of Well 1/4 Sec. 31, T. 5 N/S, R. 1 E/W Boise, Idaho  
and mid way on west line, Corner of 1/4 1/4 Sec.

Size of Drilled Hole 10" Total depth of Well 114

Give depth of standing water from surface 90' Water Temp. \_\_\_\_\_ °Fahrenheit

On pumping test delivery was 387 g.p.m. or \_\_\_\_\_ c.f.s. Drawdown was \_\_\_\_\_ feet.

Size of pump and motor used to make the test \_\_\_\_\_

Length of time pumped during check was 4 hr., \_\_\_\_\_ minutes.

If flowing well, give flow in c.f.s. \_\_\_\_\_ or g.p.m. \_\_\_\_\_ and shut in pressure \_\_\_\_\_

If flowing well, describe control works \_\_\_\_\_  
(TYPE AND SIZE OF VALVE, ETC.)

Water will be used for Irrigation Weight of casing per linear foot 13.1

Thickness of casing 12 Gage Casing material Red Hard Steel  
E.G., PIPE, CONCRETE, WOOD.

Diameter, length and location of casing 10" 114

(CASING 12" IN DIAMETER AND UNDER GIVE INSIDE DIAMETER;  
CASING OVER 12" IN DIAMETER GIVE OUTSIDE DIAMETER.)

Number and size of perforations 3/16 x 1 1/2 10/114 ft located Bottom 40' feet to \_\_\_\_\_ feet from surface of ground.

Other perforations \_\_\_\_\_

Date of commencement of well 7-16-54 Date of completion of well 7-20-54

Type of well rig Cable Tool

**CASING RECORD**

DIAM. CASING	FROM FEET	TO FEET	LENGTH	"REMARKS" -- SEALS, GROUTING, ETC.



## State of Idaho

# DEPARTMENT OF WATER RESOURCES

322 East Front Street • P.O. Box 83720 • Boise, Idaho 83720-0098

Phone: (208) 287-4800 • Fax: (208) 287-6700 • Web Site: [www.idwr.idaho.gov](http://www.idwr.idaho.gov)

C. L. "BUTCH" OTTER  
Governor

DAVID R. TUTHILL, JR.  
Director

July 1, 2008

Greg Taylor  
4216 N Ballentyne  
Eagle, ID 83616

Re: Water Level Measurement Results in your domestic well

Dear Greg,

Thank you for allowing the Department the opportunity to measure the static water level in your well. On June 27, 2008, the depth to water in your irrigation well was 108.97 feet below the top of the casing. Your well was pumping during our measurement.

We are in the process of determining suitable monitoring site to install data loggers for our research needs. This determination will be occurring within the next month and I will keep you informed of the selection process. If you have any interest in allowing the Department access to install additional monitoring equipment in your well, please contact me at your convenience to discuss in further detail.

As we collect additional information, I will be sending you updates and summaries of the data related to this project. If you have any questions or concerns, feel free to contact me at (208) 287-4855. Again, the Department thanks you for your cooperation in this project.

Sincerely,

Dennis Owsley, P.G.  
Technical Hydrogeologist  
Idaho Department of Water Resources  
Technical Services Bureau, Hydrology Section  
Phone: (208) 287-4855  
Fax: (208) 287-6700  
Mobile: (208) 921-2910  
[dennis.owsley@idwr.idaho.gov](mailto:dennis.owsley@idwr.idaho.gov)



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C. L. "BUTCH" OTTER  
Governor

DAVID R. TUTHILL, JR.  
Director

September 17, 2008

Greg Taylor  
4216 N Ballentyne  
Eagle, ID 83616

Re: Water Level Measurement Results in your domestic well

Dear Greg,

Thank you for allowing the Department the opportunity to measure the static water level in your well. On September 11, 2008, the depth to water in your well was 108.1 feet below the top of the casing. Please note that the water levels in your well were rising during the measurement due to recent pumping of your well.

As we collect additional information, I will be sending you updates and summaries of the data related to this project. For additional information regarding this project, please visit <http://www.idwr.idaho.gov/hydrologic/projects/nac/>. If you have any questions or concerns, feel free to contact me at (208) 287-4855. Again, the Department thanks you for your cooperation in this project.

Sincerely,

Dennis Owsley, P.G.  
Technical Hydrogeologist  
Idaho Department of Water Resources  
Phone: (208) 287-4855 Fax: (208) 287-6700  
Mobile: (208) 921-2910  
[dennis.owsley@idwr.idaho.gov](mailto:dennis.owsley@idwr.idaho.gov)



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C. L. "BUTCH" OTTER  
Governor

DAVID R. TUTHILL, JR.  
Director

December 31, 2008

Greg Taylor  
4216 N Ballentyne  
Eagle, ID 83616

Re: Water Level Measurement Results in your irrigation well

Dear Greg,

Thank you for allowing the Department the opportunity to measure the static water level in your well. On December 29, 2008, the depth to water in your well was 101.11 feet below the top of the casing.

As we collect additional information, I will be sending you updates and summaries of the data related to this project. For additional information regarding this project, please visit <http://www.idwr.idaho.gov/hydrologic/projects/nac/>. If you have any questions or concerns, feel free to contact me at (208) 287-4855. Again, the Department thanks you for your cooperation in this project.

Sincerely,

A handwritten signature in black ink, appearing to read 'D. Owsley', is written over a light blue horizontal line.

Dennis Owsley, P.G.  
Technical Hydrogeologist  
Idaho Department of Water Resources  
Phone: (208) 287-4855 Fax: (208) 287-6700  
Mobile: (208) 921-2910  
[dennis.owsley@idwr.idaho.gov](mailto:dennis.owsley@idwr.idaho.gov)



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C. L. "BUTCH" OTTER  
Governor

DAVID R. TUTHILL, JR.  
Director

March 26, 2009

Greg Taylor  
4216 N Ballentyne  
Eagle, ID 83616

Re: Water Level Measurement Results in your irrigation well

Dear Greg,

Thank you for allowing the Department the opportunity to measure the static water level in your well. On March 24, 2009, your irrigation well was dry. We measured down to 125 feet below the casing and did not encounter water. We will be back out measuring again in June.

As we collect additional information, I will be sending you updates and summaries of the data related to this project. If you have any questions or concerns, feel free to contact me at (208) 287-4855. Again, the Department thanks you for your cooperation in this project.

Sincerely,

Dennis Owsley, P.G.  
Technical Hydrogeologist  
Idaho Department of Water Resources  
Phone: (208) 287-4855 Fax: (208) 287-6700  
Mobile: (208) 921-2910  
[dennis.owsley@idwr.idaho.gov](mailto:dennis.owsley@idwr.idaho.gov)

Form 235-1  
10/1/03

Drilling Permit No. \_\_\_\_\_  
Drilling Permit I.D. Tag No. 0053550  
Water Right Permit No. ~~63-20029~~ 63-31223  
Injection Permit No. \_\_\_\_\_

State of Idaho  
Department of Water Resources

### APPLICATION FOR DRILLING PERMIT (FOR THE CONSTRUCTION OF A WELL)

1. Owner (please print): Greg Taylor

2. Mailing Address: 4216 Ballantine Ln.

City: Eagle State: Idaho Zip Code: 83616 Telephone (208) 939-0710

3. Proposed Well Location: Twp. 5N Rge. 1E Sec. 31 NE 1/4 NE 1/4 1/4

Gov't Lot No. \_\_\_\_\_ County Ada Lat. 43 : 44 : 001'N Long. 116 : 22 : 761'W

Street Address of Well Site Same City Eagle

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

Lot, block and subdivision L 3 Bk 1 Rimrock Estates Sub

#### 4. Proposed Use of Well:

DOMESTIC: The use of water for homes, organization camps, public campgrounds; livestock and for any other purpose in connection therewith, including irrigation of up to 1/2 acre of land, if the total use is not in excess of 13,000 gpd; or any other uses, if the total use does not exceed a diversion rate of 0.04 cfs and a diversion volume of 2500 gpd.

Domestic does not include water for multiple ownership subdivisions, mobile home parks, commercial or business establishments, unless the use does not exceed a diversion rate of 0.04 cfs and a diversion volume of 2500 gpd.

NON-DOMESTIC:  Irrigation  Municipal  Industrial  
 Livestock  Test  Other \_\_\_\_\_  
Type \_\_\_\_\_ Number Hd. \_\_\_\_\_ (Describe)

INJECTION

MONITORING: A well bore schematic and map is required for each blanket permit. No. of proposed wells: \_\_\_\_\_

#### 5. Well Construction Information:

A.  New Well  Modify  Replace

B. Proposed Casing Diameter 8" Proposed Maximum Depth 300'

C. Anticipated bottom hole temperature:

85 F or less (Cold Water Well)  85 F to 212 F (Low Temp. Geo. Well)  212 F or more (Geothermal Well)

6. Construction Start Date: April 16, 2009

7. Anticipated Well Driller: Dennis Phipps Well Drilling Inc. Driller's Lic. No. 332

NOTE: The actual well driller must be identified prior to drilling.

8. Applicant's Signature: Greg Taylor Date April 16, 2009

Address (if different than owner): \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_ Telephone ( ) \_\_\_\_\_

Title: Owner

(Owner, Firm Representative, Other)

RECEIVED

APR 16 2009

WATER RESOURCES  
WESTERN REGION

ID NUMBER \_\_\_\_\_

State of Idaho Department of Water Resources  
AUTHORIZATION TO ABANDON A WELL

1. WELL OWNER INFORMATION:

Date 4/24/09 Phone Number (208) 939-0710  
Name Greg Taylor  
Mailing Address 4216 N. Ballantine Ln.  
City Eagle State Idaho Zip Code 83616

2. WELL LOCATION:

Township: 5N Range: 1E Section: 31 NE  $\frac{1}{4}$  NE  $\frac{1}{4}$  NE  $\frac{1}{4}$   
Gov't Lot No. \_\_\_\_\_ County Ada  
Street Address of well site: Same  
City Eagle Lot 3 Block 1 Subdivision Name: Rimrock Estates Sub.  
GPS Location: Lat: 43 44:001'N Long: 116 22.761'W

3. TYPE OF WELL:

DOMESTIC  MONITORING  IRRIGATION  OTHER \_\_\_\_\_  
(Describe)

4. WELL INFORMATION: (Well depth, measured, casing size & static water level required)

Well Tag Number: N/A  
Previous Drilling Permit Number: G-27972  
Water Right Number: 63 - 31223  
Well Log on File?  Yes  No  
\*Casing Size: 10" \*Material: Steel  
Temperature:  <85°F  >85°F Flowing Artesian?  Yes  No  
\*Static Water Level: 105' (measured) \*Well Depth 114' (measured)

5. REASON FOR ABANDONMENT OF WELL

Not enough water, drilling a replacement well.

6. PROPOSED METHOD OF ABANDONMENT:

(This Application must be reviewed prior to commencement of abandonment)  
Pour bentonite chips to bottom up to 20' then pour in #5 bentonite to top, then cut casing off below ground and weld on metal plate to top of casing.

7. Drilling Company proposing abandonment Dennis Phipps Well Drilling Inc.

8. License Number 332 Date of abandonment 4/24/09

9. APPLICANT'S SIGNATURE [Signature] DATE: 4/24/09

Title Well Driller  
(Owner, Firm Representative, Other)

# IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

**1. WELL TAG NO. D D0053550**

Drilling Permit No. \_\_\_\_\_  
Water right or injection well # 63-31223

**2. OWNER**

Name Greg Taylor  
Address 4216 N. Ballantine Ln.  
City Eagle State Id Zip 83616

**3. WELL LOCATION:**

Twp. 5 North  or South  Rge. 1 East  or West   
Sec. 31 NE 1/4 NE 1/4 1/4  
10 acres 40 acres 160 acres

Gov't Lot \_\_\_\_\_ County Ada  
Lat. \_\_\_\_\_ 43° 44.001'N (Deg. and Decimal minutes)  
Long. \_\_\_\_\_ 116° 22.761'W (Deg. and Decimal minutes)  
Address of Well Site Same City \_\_\_\_\_

(City at least name of road • Distance to Road or Landmark)  
Lot. 3 Blk. 1 Sub. Name Rimrock Estates Sub.

**4. USE:**

Domestic  Municipal  Monitor  Irrigation  Thermal  Injection  
 Other

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

New Well  Replacement well  Modify existing well  
 Abandonment  Other

**6. DRILL METHOD:**

Air Rotary  Mud Rotary  Cable  Other

**7. SEALING PROCEDURES**

Seal material	From (ft)	To (ft)	Quantity (lbs or ft³)	Placement method/procedure
5/8 Bentonite	0	23	900 lbs.	12" Overbore

**8. CASING/LINER:**

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing	Liner	Threaded	Welded
8"	2	234	.250	Steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5"	226	237	.258	Steel	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5"	252	253	.258	Steel	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Was drive shoe used?  Y  N Shoe Depth(s) 234'

**9. PERFORATIONS/SCREENS:**

Perforations  Y  N Method \_\_\_\_\_  
Manufactured screen  Y  N Type Johnson  
Method of installation Washdown

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
237	252	.020	15'	5"	Stainless	304

Length of Headpipe 10.9 Length of Tailpipe 1.0

Packer  Y  N Type Rubber K-Packer

**10. FILTER PACK:**

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft³)	Placement method
N/A				

**11. FLOWING ARTESIAN:**

Flowing Artesian?  Y  N Artesian Pressure (PSIG) \_\_\_\_\_  
Describe control device \_\_\_\_\_

**12. STATIC WATER LEVEL and WELL TESTS:**

Depth first water encountered (ft) \_\_\_\_\_ Static water level (ft) 106'  
Water temp. (°F) \_\_\_\_\_ Bottom hole temp. (°F) \_\_\_\_\_  
Describe access port \_\_\_\_\_

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)	Test method:			
			Pump	Bailer	Air	Flowing artesian
	100+ GPM	1 Hr.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
136'	260 GPM	4 HRS.				

Water Quality test or comments: \_\_\_\_\_

**13. LITHOLOGIC LOG and/or repairs or abandonment:**

Bore Dia. (in)	From (ft)	To (ft)	Remarks, lithology or description of repairs or abandonment, water temp.	Water	
				Y	N
12"	0	2	Top Soil		X
	2	23	Brown Sandy Clay		X
8"	23	53	Brown Sandy Clay		X
	53	57	Brown Clay		X
	57	85	Brown Sandy Clay		X
	85	97	Brown Clay		X
	97	128	Gravel	X	
	128	134	Brown Clay		X
	134	157	Brown Sandy Clay		X
	157	169	Sand	X	
	169	177	Sandy Brown Clay		X
	177	193	Sand	X	
	193	200	Sandy Brown Clay		X
	200	213	Sand	X	
	213	222	Sandy Brown Clay		X
	222	230	Fine Brown Sand	X	
	230	238	Brown Clay		X
	238	253	Brown Coarse Sand	X	

Completed Depth (Measurable) 253'

Date: Started 4/20/09 Completed 4/24/09

**14. DRILLER'S CERTIFICATION**

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

Company Name Dennis Phipps Well Drilling Inc. Co. No. 332

\*Principal Driller [Signature] Date 4/24/09

\*Driller [Signature] Date 4/24/09

\*Operator II \_\_\_\_\_ Date \_\_\_\_\_

Operator I \_\_\_\_\_ Date \_\_\_\_\_

\* Signature of Principal Driller and rig operator are required.



DENNIS PHIPPS WELL DRILLING INC.

12440 KARCHER ROAD • NAMPA, ID 83651  
 (208) 465-4444 | FAX (208) 465-4465

# Invoice

Date	Invoice #
4/27/2009	225

Bill To
Greg Taylor 4216 N. Ballantine Ln. Eagle, Id. 83616

Ship To
Greg Taylor 4216 N. Ballantine Ln. Eagle, ID 83616

P.O. Number	Terms	Rep	Ship	Via	F.O.B.	Project
D0053550			4/27/2009		208-939-0710	
Quantity	Item Code	Description			Price Each	Amount
253		8" Drilling & Casing			40.00	10,120.00
1		Bentonite Seal			700.00	700.00
1		8" Drive Shoe			125.00	125.00
1		Irrigation Well Permit			200.00	200.00
1		15' x 5" Stainless Screen Installed & Developed			2,800.00	2,800.00
1		4 Hour Test Pump at 260 GPM			1,500.00	1,500.00
1		Abandonment of 10" Well			1,000.00	1,000.00
1		10% Discount			-1,645.00	-1,645.00
1		Payment on 4/18/09 Ch# 1543			-500.00	-500.00
		Sales Tax			0.00%	0.00
					<b>Total</b>	\$14,300.00



**BURGESS PUMP COMPANY, INC.**  
 (208) 585-6202  
 P.O. BOX 778  
 MIDDLETON, ID 83644

# Invoice

DATE	INVOICE #
5/22/2009	13777

**BILL TO:**

Taylor, Greg  
 4216 Ballantyne Ln.  
 Eagle, ID 83616

**SHIP TO:**

P.O. NUMBER	TERMS	REP	SHIP	VIA	F.O.B.	PROJECT
	Net 15		5/22/2009			

QUANTITY	ITEM CODE	DESCRIPTION	PRICE EACH	AMOUNT
	Material	4" Manifold/4" Butterfly Valve/Redo 4" 90Deg Elbow	518.82	518.82T
	Misc. Fittings	Box/Conduit/Ground/Sweep/Bolts/Splice Tapr/Cumbrick Tape	252.00	252.00T
	Material	(63') 3" Galv. Pipe	883.89	883.89T
	Material	(63') #6 Well Wire	270.90	270.90T
	Misc. Fittings	1" Coupler	3.10	3.10T
1	Liquid Gauge	Liquid Filled Pressure Gauge	26.00	26.00T
1	1" Ball Valve	1" Ball Valve	22.00	22.00T
7.5	Labor	Service Call/Installed Manifold/Butterfly Valve/Redo Elbow	80.00	600.00
		State Sales Tax	6.00%	118.60

**TOTAL** \$2,695.31