

Nelson, Dan

To: MLR
Subject: RE: Moon Lake Ranch

Thank you Jeff, I appreciate the help.

I am taking your file to a meeting today to determine how we are going to arrange the license. Hopefully, I will have something ready by the end of next week if not sooner. I have all of the maps, pictures, diagrams, and memos written. It is now just a matter of preparing the license amendment and getting it to you. I have to work through others to get that done, so I can't promise an exact time. Once I get that ready to go, I will let you know.

Daniel Nelson
Staff Hydrologist
Idaho Department of Water Resources
Telephone (208) 287-4856
Fax (208) 287-6700 (attn: Dan Nelson)

From: MLR [mailto:mlr@idahopotato.net]
Sent: Wednesday, April 16, 2014 8:09 AM
To: Nelson, Dan
Cc: Whitney, Rob
Subject: Re: Moon Lake Ranch

Dan,

Fortunately, I saved the file while we were at the wells. Here is the info:

	Orifice Dia.	Pipe ID	Cd Factor	Head	Flow (gpm)
Tranquil Lane	2.25	4.05	0.63	6.625	37.0
				7.75	52.9
Half Moon Way	1.5	4.05	0.69	17.375	37.0
				13.375	32.5

For the first measurement on Tranquil Lane (37.0 gpm), I think the flow was turbulent so we weren't convinced on its accuracy. We may have made other measurements that I didn't save? Not quite sure now.

Thanks,
Jeff

----- Original Message -----

From: [Nelson, Dan](#)
To: [MLR](#)
Cc: [Whitney, Rob](#)
Sent: Friday, April 11, 2014 9:30 AM

Subject: RE: Moon Lake Ranch

Hello Jeff,

I am sorry it is taking me so long to get the license out to you. I was hoping to finish up my field report this week, but I have had some interruptions and it has taken me longer than expected to create the maps for this system. I have the maps completed, and I am starting to work on the rest of the license. I am going over my notes of the second measurements we did, I forgot to write down the water levels we measured for the orifice plates. I am hoping that you kept a copy of the spreadsheets we used to calibrate the measurements. If you kept a copy of those measurements, could you send me a copy of the spreadsheets. I really would appreciate it.

I am trying to finish up the field report for your water right license as soon as possible. It is my number one priority. It is a very complicated file, so it may take awhile to get it finished. I am sorry for the delay.

When the permit was approved, the previous owner neglected to place a diversion point for each of the ponds that collect shallow ground water on the permit application. We will need to add these on as an amendment to the license. Once I complete the field report, I will send an amendment to you to sign. Unfortunately, there is \$100.00 fee that is required for the amendment, but it would be cheaper than trying to file for a new water right. Once I finish up the report, I will send the amendment to you. I can't give a set date, but new goal is to get the amendment ready within the next 2 weeks.

Thank you for all of your help. If you can send the spreadsheets, I would appreciate it. If you don't have them that will be alright. Just let me know.

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From: MLR [<mailto:mlr@idahopotato.net>]

Sent: Tuesday, March 04, 2014 8:03 AM

To: Nelson, Dan; Whitney, Rob

Subject: Re: Moon Lake Ranch

Dan,

I will work on having a cap welded on the well in the pump house.
It would be best for me if we could meet in the morning to measure the flow rates.
What conditions need to be reviewed?

Thanks,
Jeff

----- Original Message -----

From: [Nelson, Dan](#)

To: [MLR](#) ; [Whitney, Rob](#)

Sent: Monday, March 03, 2014 9:37 AM

Subject: RE: Moon Lake Ranch

Hello Jeff,

I sent the following message a couple of weeks ago, and we were having problems with our email. We have gotten the problem resolved, and it was supposed to be sent to you. However, I wanted to make sure you received the email. If you have any questions, please contact Rob Whitney or myself.

Daniel Nelson
Staff Hydrologist
Idaho Department of Water Resources
Telephone (208) 287-4856
Fax (208) 287-6700 (attn: Dan Nelson)

From: Nelson, Dan
Sent: Tuesday, February 18, 2014 9:19 AM
To: 'MLR'; Whitney, Rob
Subject: RE: Moon Lake Ranch

Hello Jeff,

I have reviewed the information that you sent in, and with these photos I feel you have addressed everything in our initial letter. It is good to know that the well in the shed was not connected to power, but we would feel more comfortable if the well cap was welded on for safety purposes. When Rob was out there, he measured the pipe for the two artesian wells using a bucket and a stopwatch. I think we could get a better measurement with one of our flow meters. I would also like to see the installations. Rob will contact you in a few days to set up a time for use to come out and do the measurements using our polysonic flow meters. They are more accurate than the bucket and stop watch method.

I would also like to go over the conditions with you, just to make sure everyone is on the same page. You have done a bunch of work, and we appreciate everything that you have done. I hope to see you soon.

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From: MLR [<mailto:mlr@idahopotato.net>]
Sent: Tuesday, February 18, 2014 8:28 AM
To: Nelson, Dan; Whitney, Rob
Subject: Re: Moon Lake Ranch

Dan, Rob,

I further investigated the well in the pump house. The motor wiring originated from a breaker panel that has always been in the off position. The pump wiring runs from this breaker panel to the pump control panel, and then to the motor. In the pump control panel, the motor wires are cut and taped off. There were two other wires which were connected to low and high level electrodes. I opened the casing and removed the pump which was only eight feet down. I measured the well depth which was only 8'-6". I removed the pump and wiring from the casing lid and then re-installed the lid.

I assume that this well was once used, but when the pump house and irrigation system were installed, the well motor was disconnected. It is not artesian since the well lid was never tightened and there is no evidence of any water flooding into the pump house from the well.

Would it be possible to leave the casing as-is with the motor removed?

Regarding the artesian well at the end of Half Moon, I finished connecting the 4" PVC piping and found that the water runs into the island in the middle of the cul-de-sac, as expected.

Thanks,
Jeff

P.S. I will be on vacation for the next week.

----- Original Message -----

From: [Nelson, Dan](#)

To: [MLR](#) ; [Whitney, Rob](#)

Sent: Tuesday, February 11, 2014 9:05 AM

Subject: RE: Moon Lake Ranch

Jeff,

I have just done a cursory review of the information, but it looks like you answered all of my questions.

I am still concerned about the well in the building, and will need to discuss the use of this well with Rob. I am also concerned about the lack of records from the canal company. We may need to require you to monitor the amount of water being diverted into the ponds from the irrigation company, but I can't make that determination until I speak with my superiors.

I will need to take a closer look at the conditions and the information and discuss the information with our administrative staff before I know if anything else is needed. Please give me a couple of weeks to review the information completely and discuss it with everyone, and I will get back to you as soon as possible.

Thank you so much for all of your efforts. I know you have been working very hard to bring this permit to licensing.

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From: MLR [<mailto:mlr@idahopotato.net>]

Sent: Tuesday, February 11, 2014 8:30 AM

To: Whitney, Rob; Nelson, Dan
Subject: Moon Lake Ranch

Rob, Dan,

Here is our status regarding the wells and documentation. If you feel we need to acquire additional information, we may need to apply for an extension since the due date is next week.

I have numbered these per the Field Exam Letter.

1. We verified that this well doesn't supply any of the neighboring properties and had the well decommissioned.
2. We verified that this doesn't supply any of the neighboring properties. This is approximately fifteen feet deep and is used to supply water to the cistern in the case that water is not available from the lake feed line. Since the sewer system regularly discharges into the cistern, the pump in question may only need to run during the winter months and intermittently at best. Based on this information, is a metering device still required?
3. Delivery records were not available from Pioneer Ditch. I have attached the share certificates. It was indicated that one share equals one acre-inch.
4. I have installed the metering device on this well. It appears to discharge into the nearby pond. I will be testing to determine this during this week.
5. I have installed the metering device on this well and removed the old standpipe. A shut-off valve has been installed to allow the system to be completely closed.
6. Share certificates are attached.
7. I spoke with the Moon Lake Ranch developer who stated that these two wells are part of Moon Lake Ranch and have not been used by any neighboring properties.

Please let me know if additional information is required.

Regards,
Jeff

Nelson, Dan

From: Nelson, Dan
Sent: Friday, April 11, 2014 9:30 AM
To: 'MLR'
Cc: Whitney, Rob
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Regards,
Jeff

CERTIFICATE

FOR
18.75
SHARES

OF THE
Capital Stock

Pioneer Ditch
Company, Limited

ISSUED TO

Paul Combe (Combe Firm)

DATED

11-25-94

For Value Received, hereby sell, assign, and transfer
under Joseph W. Roberts

Shares

of the Capital Stock represented by the within
Certificate, and do hereby irrevocably constitute and appoint
to transfer the said Stock on the books of the within named
Corporation with full power of substitution, in the premises:

Dated 12-28

1895

In presence of

Combe Fane Inc.
By: Paul H. Fane

NOTICE: THE SIGNATURE OF THIS ASSIGNMENT
MUST CORRESPOND WITH THE NAME AS WRITTEN UPON THE
FACE OF THE CERTIFICATE IN EVERY PARTICULAR, WITHOUT
ALTERATION OR ENLARGEMENT OR ANY CHANGE WHATSOEVER

Assigned to Messrs. A. H. Combe & Son
12-28-94

Assigned to Combe Fane Inc.
12-28-95

1-Share equals
1" inch per Acre

INCORPORATED UNDER
THE LAWS OF THE STATE OF IDAHO



SHARES

18.75

PIONEER DITCH COMPANY, LIMITED

CAPITAL STOCK \$12,888.00

~~This certifies that~~ **Paul Combe (Combe Farms)** is the owner of
Eighteen and 3/4 (18.75) Shares of the Capital Stock of
PIONEER DITCH COMPANY, LIMITED

*transferable only on the books of the Corporation by the holder hereof or
person or by Attorney upon surrender of this Certificate properly endorsed*

IN WITNESS WHEREOF the said Corporation has caused this Certificate to be signed
by its duly authorized officers and its Corporate seal to be hereunto affixed

AT STAR, IDAHO. this **25th** day of **Nov** A.D. **1944**

Ronald J. Key
SECRETARY

Paul Combe
PRESIDENT

\$10.00

MIDDLETON IRRIGATION ASSN., INC.
P.O. BOX 214, MIDDLETON, IDAHO 83644
(208) 585-6676

Enclosed is your irrigation water stock certificate(s). It is important that you keep it. If you should sell your property or change your mailing address PLEASE notify the Secretary of the above Ditch Company. If you have any questions, please call.

Thank you.

Janie Foote, Secretary

Middleton Miel Ditch Co Cert # 3212
Middleton Irrigation Assn. Cert # 774

Middleton Irrigation Association, Inc.

CERTIFICATE
FOR
10
SHARES
OF
CAPITAL STOCK

ISSUED TO
Moon Lake Ranch Homeowners Assoc
DATED
9/9/97

For Value Received, ... hereby sell, assign and transfer unto
..... Shares
of the Capital Stock represented by the within Certificate, and do hereby ir-
revocably constitute and appoint Attorney
to transfer the said Stock on the books of the within named Corporation with
full power of substitution in the premises.
Dated, 19.....
In presence of
.....

NOTICE: The signature of this assignment must
correspond with the name as written upon the
face of the certificate, in every particular, without
alteration or enlargement, or any change whatever.

Incorporated Under the Laws of the State of Idaho

Nº 774

Shares ... 10 ...

Middleton Irrigation Association, Inc.

Capital Stock, \$1200.00

This Certifies That Moon Lake Ranch Homeowner's Ass. the owner of
..... Ten Shares of the Capital Stock of

Middleton Irrigation Association, Inc.

transferable only on the books of the Corporation by the holder hereof in person or by Attorney upon surrender of this Certificate properly endorsed.

IN WITNESS WHEREOF, the said Corporation has caused this Certificate to be signed by its duly authorized officers and its Corporate Seal to be hereunto affixed this 9 ... day of September

A.D. 19. 97

Diane Foster

SECRETARY

Paul H. Egan

PRESIDENT

Shares 10c Each

Shares

63 $\frac{91}{100}$

Nº 3212

Incorporated 1889

Middleton Mill Ditch Company

MIDDLETON, IDAHO

Capital Stock \$50,000.00

500 Shares

This Certifies That Moon Lake Ranch Homeowner's Association is entitled to
Sixty-three $\frac{91}{100}$ Shares of the Capital Stock of the

Middleton Mill Ditch Company

MIDDLETON, IDAHO

Transferable only on the books of the Company in person or by attorney on the surrender of this certificate duly endorsed.

WITNESS the signature of the President and Secretary, and the Corporate Seal of said Company. this

9th day of September, of 19.97.

Diane Foote

Secretary

May Fushiko

President