

MEMORANDUM

Date: January 19, 2022
To: Transfer 85558
From: James Cefalo
Re: Review & Evaluation of Sufficiency of Information

This transfer proposes to add two wells as authorized points of diversion for water right 22-14104. The existing point of diversion and proposed points of diversion are existing wells owned by Victor Cedron Cemetery District. The wells were completed in 2015, 2015 and 2021.

Authority to File:

The applicant is the current water right owner of record. Teton County tax lot data shows the applicant as the owner of the place of use. Todd Dustin is an elected board member for the Victor Cedron Cemetery in Teton County. Therefore the signer has authority to sign on behalf of the applicant.

Water Right Validity:

The right included in this transfer was decreed in the SRBA in 2008. Review of 2015, 2017, and 2019 aerial photography shows growing vegetation on the current place of use. Forfeiture does not appear to be an issue.

Injury to Other Water Rights:

No issues identified. The quantity authorized to be diverted will not change as a result of the transfer. The transfer was advertised with no protest. Since this water right is not within a water district, no water master was contacted.

Enlargement of Use:

Water right 22-14104 only authorizes a diversion rate of 0.076 cfs (35 gpm). This equates to only 0.012 cfs per acre. This is an extremely low rate per acre, especially for a cemetery where irrigation only occurs at night. The proposal to divert water right 22-14104 from three separate wells raises a concern of enlargement. The well logs for the three wells shows a poor water supply. The wells are all approximately 340 feet deep. The well driller reports list a drawdown of over 200 feet during the pump tests. On January 19, 2022, I spoke with a representative from the cemetery district. He confirmed that the wells drilled in 2015 only produce 5-10 gallons per minute. The well drilled in 2021 is a little more reliable and can produce up to 25 gallons per minute. In combination, the wells only produce about 35 gpm, which is the amount authorized by the right. The system is run continuously during the summer to keep up with the irrigation requirements. The proposed changes will not result in an enlargement because the water user will not exceed the authorized diversion rate or volume.

Local Public interest:

No issues identified.

Beneficial Use/Conservation of Water Resources:

No issues identified.

Review of the application finds there is no clear inconsistency with criteria set forth in Section 42-222 Idaho Code preventing processing of this application.

IDAHO DEPARTMENT OF WATER RESOURCE
WELL DRILLER'S REPORT

Location Corrected by IDWR To:

T03N R40E Sec. 16 SENW

By: DDunn 2016-10-07

1. WELL TAG NO. D COL8057

Drilling Permit No. _____

Water right or injection well # _____

2. OWNER:

Name Victor Cemetery 1/2 acre ShumanAddress PO. Box 192City Victor State ID Zip 83455

3. WELL LOCATION:

Twp. 3 North ☒ or South ☐ Rge. 45 East ☒ or West ☐Sec. 12 1/4 SW 1/4 SE 1/4Gov't Lot _____ County TetonLat. 43 ° 35' 23.52" (Deg. and Decimal minutes)Long. 111 ° 5' 40.60" (Deg. and Decimal minutes)Address of Well Site 5600 cemetery RDCity Victor

(Give at least name of road or distance to road or landmark)

Lot _____ Blk. _____ Sub. Name Cemetery

4. USE:

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

5. TYPE OF WORK:

☒ 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 ft)	Placement method/procedure
<u>Cementite</u>	<u>0</u>	<u>40</u>	<u>1250 #</u>	<u>overcore</u>

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing	Liner	Threaded	Welded
<u>6"</u>	<u>1</u>	<u>298</u>	<u>.250</u>	<u>Steel</u>	☒	☐	☐	☒
<u>5"</u>	<u>290</u>	<u>330</u>	<u>.250</u>	<u>Steel</u>	☒	☐	☐	☒

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 298' + 330'

9. PERFORATIONS/SCREENS:

Perforations ☒ Y ☐ N Method Touch & Air toolManufactured screen ☐ Y ☒ N Type _____Method of installation Air tool

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
<u>200</u>	<u>200</u>	<u>1"</u>	<u>10</u>	<u>6"</u>	<u>Steel</u>	<u>.250</u>
<u>200</u>	<u>330</u>	<u>3"</u>	<u>2</u>	<u>5"</u>	<u>Steel</u>	<u>.250</u>

Length of Headpipe _____ Length of Tailpipe _____

Packer ☐ Y ☒ N Type _____

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft)	Placement method

11. FLOWING ARTESIAN:

Flowing Artesian? ☐ Y ☒ N Artesian Pressure (PSIG) _____

Describe control device _____

12. STATIC WATER LEVEL and WELL

Depth first water encountered (ft) 240' Static water level (ft) 100'Water temp. (°F) 58° Bottom hole temp. (°F) 58°

Describe access port _____

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)
<u>20'</u>	<u>15'</u>	<u>30</u>

Test method:

Pump	Bailer	Air	Flowing
☐	☐	☒	☐

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
<u>10"</u>	<u>0</u>	<u>40</u>	<u>Boulders clay dirt</u>		☒
<u>8"</u>	<u>40</u>	<u>230</u>	<u>Boulders clay</u>	☒	
	<u>230</u>	<u>300</u>	<u>Light colored Rhyolite</u>	☒	
<u>6"</u>	<u>300</u>	<u>307</u>	<u>Light grey Rhyolite</u>		☒
	<u>307</u>	<u>340</u>	<u>Light grey gravel sand</u>	☒	
	<u>340</u>	<u>500</u>	<u>Secans of clay</u>		☒
			<u>Rock gravel sand</u>		
			<u>no increase of water</u>		

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AUG 03 2015

Department of Water Resources
Eastern RegionCompleted Depth (Measurable): 240'Date Started: 26 June 15 Date Completed: 7-Jul-15

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 Dunning Well Drilling Co. No. 518Principal Driller [Signature] Date 7-14-15Driller [Signature] Date _____Operator [Signature] Date 7-Jul-15

Operator I _____ Date _____

* Signature of Principal Driller and rig operator are required.

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

1. WELL TAG NO. D 00168330
Drilling Permit No. _____
Water right or Injection well # _____

2. OWNER:
Name Victor/Cedron Cemetery Dist
Address 9th Box 192
City Victor State ID Zip 83455

3. WELL LOCATION:
Twp. 3 North ☒ or South ☐ Rge. 45 East ☒ or West ☐
Sec. 12 1/4 SW 1/4 SE 1/4

Gov't Lot _____ County Teton
Lat. 43° 35.681 (Deg and Decimal minutes)
Long. 111° 5.465 (Deg and Decimal minutes)
Address of Well Site Victor Cemetery City Victor ID
(Give at least name of road - Distance to Road or Landmark)
Lot _____ Blk. _____ Sub Name _____

4. USE:
☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation ☐ Thermal ☐ Injection
☐ Other _____

5. TYPE OF WORK:
☒ 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 ft)	Placement method/procedure
<u>benonite</u>	<u>0</u>	<u>40</u>	<u>1400#</u>	<u>overbore</u>

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing	Liner	Threaded	Welded
<u>6"</u>	<u>0</u>	<u>339</u>	<u>250</u>	<u>Steel</u>	☒	☐	☐	☒

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 339'

9. PERFORATIONS/SCREENS:
Perforations ☒ Y ☐ N Method torch
Manufactured screen ☐ Y ☒ N Type _____
Method of installation _____

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
<u>80'</u>	<u>120'</u>	<u>1/4"</u>	<u>3x26"</u>	<u>Steel</u>	<u>250</u>	
<u>280'</u>	<u>340'</u>	<u>1/4"</u>	<u>3x26"</u>	<u>Steel</u>	<u>250</u>	

Length of Headpipe _____ Length of Tailpipe _____
Packer ☐ Y ☒ N Type _____

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft)	Placement method

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) 80' Static water level (ft) 80'
Water temp. (°F) 53 Bottom hole temp. (°F) 58
Describe access port _____

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)
<u>15</u>	<u>15</u>	<u>60</u>

Test method:

Pump	Bailer	Air	Flowing artesian
☐	☐	☒	☐

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
<u>10"</u>	<u>0'</u>	<u>40'</u>	<u>Volcanic Boulders</u>		☒
<u>8"</u>	<u>40'</u>	<u>340'</u>	<u>Volcanic Boulders / clay</u>	☒	

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SEP 14 2015

Department of Water Resources
Eastern Region

Completed Depth (Measurable): 340'

Date Started: 10-Aug-15 Date Completed: 20-Aug-15

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 Danning Drilling Co. No. 818

*Principal Driller [Signature] Date 8-25-15

*Driller _____ Date _____

*Operator II [Signature] Date 20-Aug-15

Operator I _____ Date _____

* Signature of Principal Driller and rig operator are required.

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

1. WELL TAG NO. D 0089559

Drilling Permit No. _____

Water right or injection well # _____

2. OWNER: _____

Name Victor Cemetery

Address P.O. Box 192

City Victor State ID Zip 83455

3. WELL LOCATION:

Twp. 3 North ☒ or South ☐ Rge. 45 East ☒ or West ☐

Sec. 12 1/4 SW 1/4 SE 1/4

Gov't Lot _____ County Teton

Lat. 43 35.5515 (Deg. and Decimal minutes)

Long -111 5.3291 (Deg. and Decimal minutes)

Address of Well Site 560 Cemetery RD

City Victor

Lot. _____ Blk. _____ Sub. Name _____

4. USE:

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

5. TYPE OF WORK:

☒ 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 ft ³)	Placement method/procedure
Bentonite	0'	40'	1350	overbore

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing	Liner	Threaded	Welded
6"	+2	278'	.250	steel	☒	☐	☐	☒

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 278'

9. PERFORATIONS/SCREENS:

Perforations ☐ Y ☒ N Method _____

Manufactured screen ☐ Y ☒ N Type _____

Method of installation _____

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
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Length of Headpipe _____ Length of Tailpipe _____

Packer ☐ Y ☒ N Type _____

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method
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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) 180' Static water level (ft) 45'

Water temp. (°F) 58* Bottom hole temp. (°F) 58*

Describe access port _____

Well test:	Test method:
Drawdown (feet)	Pump ☐ Bailer ☐ Air ☒ Flowing artesian ☐
Discharge or yield (gpm)	
Test duration (minutes)	
260'	
30+	
120	

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
10"	0'	40'	clay large boulders		X
8"	40'	90'	clay large boulders		X
	90'	120'	red clay		X
	120'	240'	clay large boulders	X	
	240'	280'	shale, sandstone, clay	X	
6"	280'	310'	shale, sandstone, clay	X	
	310'	320'	clay gravel shale	X	

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SEP 16 2021

Department of Water Resources
Eastern Region

Completed Depth (Measurable) 320'

Date Started: Sep 1, 2021

Date Completed: Sep 13, 2021

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 Denning Well Drilling Co. No. 702

*Principal Driller Steven Justin Farmer Date Sep 8, 2021

*Driller Steven Justin Farmer Date Sep 8, 2021

*Operator II _____ Date _____

Operator I _____ Date _____

* Signature of Principal Driller and rig operator are required.