May 2, 2024

Leslie Nona
Chairperson
Dry Creek Rural Neighborhood Association
6411 West Dry Creek Road
Boise, ID 83714

Subject: *2023 Annual Water Level Monitoring Report for the Dry Creek Ranch Aquifer Monitoring Plan*

Dear Leslie,

This letter summarizes the status of the Dry Creek Ranch Aquifer Monitoring Plan (Plan) dated April 2008.

Description of Monitoring Plan. The Plan was implemented by JMM Dry Creek (JMM) as part of a Water Rights Agreement (Agreement) between the Dry Creek Rural Neighborhood Association (DCRNA) and JMM Dry Creek (JMM). The Agreement, with an effective date of January 14, 2009, was established to resolve the DCRNA protest of JMM's Application for Permit 63-32423 and to avoid a possible protest of JMM's Application for Transfer 73817.

Note that JMM changed its name to P&F Dry Creek, LLC, in July 2014. Idaho Department of Water Resources changed the name on Permit 63-32423 on August 25, 2014. JMM subsequently assigned Permit 63-32423 to BHH Investors 1414 LLC on August 31, 2016. BHH Investors 1414 LLC then assigned the permit to Dry Creek Water Company, LLC on January 30, 2018. Monitoring is currently being conducted on behalf of Dry Creek Water Company, LLC.

Monitoring Wells. Well locations are shown on Figure 1 in Appendix A.

The Plan originally included six wells located on the Dry Creek Ranch property and four off-site wells. The on-site wells were Well 9, Payne Well, Big Pump Well, Hot Well, Stockwater Well, and Pasture Well. The four original off-site wells were the Beliveau Well, Thompson Well, Graves Well, and Dater Well. Monitoring of these ten wells began in June 2007. Measurements were taken every two months through 2008, and then every 6 months thereafter. The most recent set of measurements were taken on April 23, 2024.

- Artesian pressure has not been measured at the Pasture Well since April 2010. The well head was leaking at that time, preventing an accurate pressure measurement. The Pasture Well was abandoned by Post Drilling Inc. on December 8, 2016, and has been removed from the monitoring plan. A copy of the well abandonment report can be found in Appendix B.

- During Fall 2012 monitoring SPF Water Engineering's (SPF) electric line well sounder became snagged somewhere along the drop pipe/power cable in the Graves well. Any future monitoring at this well would require installation of a well sounding tube. Connie Graves declined SPF's offer to install a well sounding tube free of charge. As a result, the Graves Well has been removed from the monitoring plan.

- During Spring of 2015, the new homeowner of the Thompson Well requested that his well be removed from the monitoring program. In July 2018, the new homeowner (Joe Watterson) requested that his well be reinstated as a monitoring point. The property was sold again in 2021, and the new homeowner (Dave Turner) requested that his well be removed from the monitoring program prior to the April 2022 monitoring event.

- The original Dater Well was monitored through April 2016. This was a shallow well with a static water level that fluctuated between 35 and 51 feet. Measurements in October 2016 and April 2017 encountered an obstruction above the water level at approximately 40 feet. A new, deeper well was drilled in 2014 which has been monitored in place of the shallow well since October 2016. The well owner requested that an attempt be made to sound the old well in October 2019, and no obstruction was encountered during the measurement. Both the Dater Wells have been measured since that time.

- Artesian pressure was measured at the Payne well through April 2013. Between April and October 2013, the artesian flow was redirected down a pipe with no hose bib, so pressure measurements were no longer possible. The Payne Well was abandoned by Post Drilling, Inc. on April 3, 2018 by filling the casing with cement and water was no longer observed to be flowing during the April 10, 2018 monitoring event. A copy of the well abandonment report can be found in Appendix B. The Payne Well is no longer monitored.

- In July 2018, Leslie Nona requested that the irrigation and domestic supply wells on her property at 6411 W Dry Creek Road be added to the monitoring program. A signed monitoring agreement for both of the Nona wells is included in Appendix C.

- Between the October 2020 and April 2021 monitoring events, improvements were made to Dry Creek Road which resulted in the Stockwater well no longer being accessible for monitoring. The Stockwater well has been removed from the monitoring program.

- In June 2021, James and Marci Gramling requested that the well on their property at 8464 W Brookside Lane be added to the monitoring program. A signed monitoring agreement for the Gramling well is included in Appendix C.

- On October 13, 2021, Well 9 was abandoned by McLeran Well Drilling LLC by perforating the well casing and filling with cement. An observation of the well in October 2021 by SPF confirmed that the well was backfilled and no longer in use. A copy of the well abandonment report can be found in Appendix B. Well 9 is no longer monitored.

The Agreement also required adding six off-site DCRNA wells to the Plan. Ten (10) DCRNA wells have been added so far. Three were added in April 2009 (Johnston, Podolan, Rishel), three more were added in April 2010 (Chapin, Golis, Hull), one was added in April 2016 (Jordan), two were added in 2018 (Nona Irrigation, Nona Domestic), and one was added in October 2021 (Gramling). The wells added in 2009 and 2010 were measured every two months during their first year in the monitoring program, then every six months thereafter. The Jordan, Nona Irrigation, Nona Domestic, and Gramling wells have been measured every six months since they were first added to the monitoring program. All of the named wells were most recently measured on April 23, 2024 and are included in Figure 1.

Of the four original off-site wells, the Beliveau and Dater wells are still being monitored, while the Thompson and Graves wells have been removed from the program.

Monitoring Program Status. Measurements from four of the ten original wells (excluding the Pasture, Graves, Thompson, Payne, Stockwater, and Well 9 wells) plus ten off-site DCRNA wells will continue to be taken twice a year (April and October) until termination of the program, measurements are no longer physically possible, or a well is withdrawn from the program by the well Owner. In accordance with the Plan, monitoring will continue until at least 2025 (i.e. 15 years after permit approval).

Fall 2023 and Spring 2024 Monitoring. Fifteen wells were visited during the Fall 2023 and Spring 2024 monitoring events. A water level measurement was obtained from all 15 wells during both monitoring events except for the Big Pump well during spring 2024. During this event, it was found that a new well head was installed at the Big Pump well with an access port and HDPE monitoring tube for water level measurements. An attempt to measure water levels using a Waterline sounder found that the sounding tube was pinched at roughly 5 feet below the top of the monitoring tube, preventing the sounding probe from reaching the groundwater level. Another attempt to measure water levels using a different sounder with smaller diameter probe will be made in Fall 2024. At this time, there are no other significant obstructions or issues with obtaining water level measurements in any of the wells included in the monitoring program.

Summary of Data. Water level measurements collected to date from 20 monitoring wells are presented in Table 1 in Appendix A. In order to more clearly present the collected data, the measurements are presented in three figures in Appendix A. Figure 2 shows data for wells with depth to water of 100 feet or less, Figure 3 shows data for wells with depth to water of greater than 100 feet, and Figure 4 shows pressure measurements at the artesian wells.

Please contact Sean Albertson (208-872-9528) or Jason Thompson (208-872-9515) with any questions regarding the information contained in this letter.

Sincerely,
HDR

Sean Albertson, P.E.
Project Engineer

CC: Ann Dickey, Dry Creek Water Company
Manuel Rauhut, Idaho Department of Water Resources
Ashley Ritter, Idaho Department of Water Resources
John and Joan Johnston
Dale Podolan
Michael and Kari Rishel
Philip Dater
Ryan Cole
Gavin Licht
Gayle Chapin
Shannon Hull
J. Clive and Cathy Jordan
James and Marci Gramling

APPENDIX A
FIGURES AND TABLES



Figure 1. Dry Creek Ranch
Aquifer Monitoring Wells

Figure 2. Dry Creek Shallow Well Water Level Monitoring Data

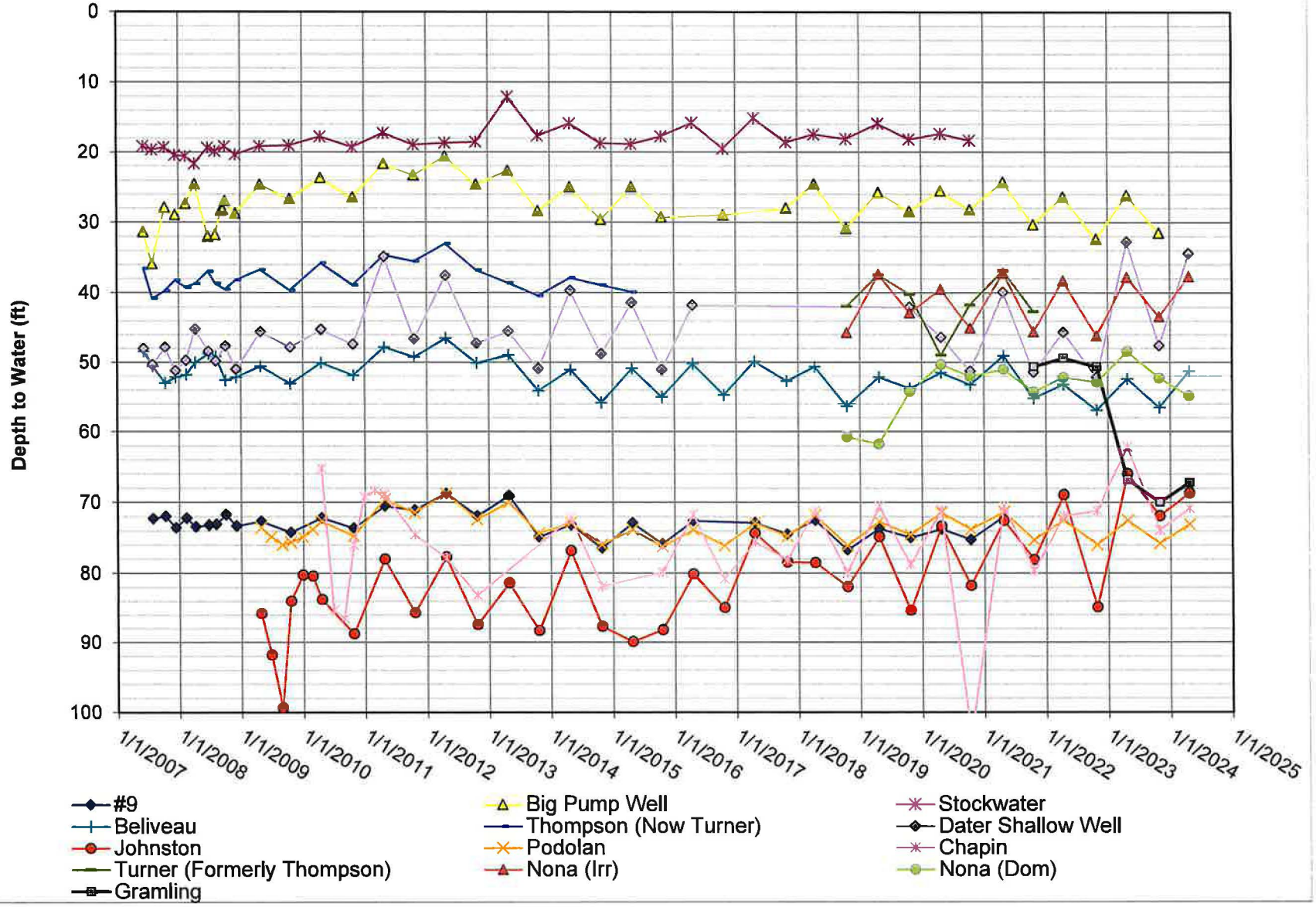


Figure 3. Dry Creek Deep Well Water Level Monitoring Data

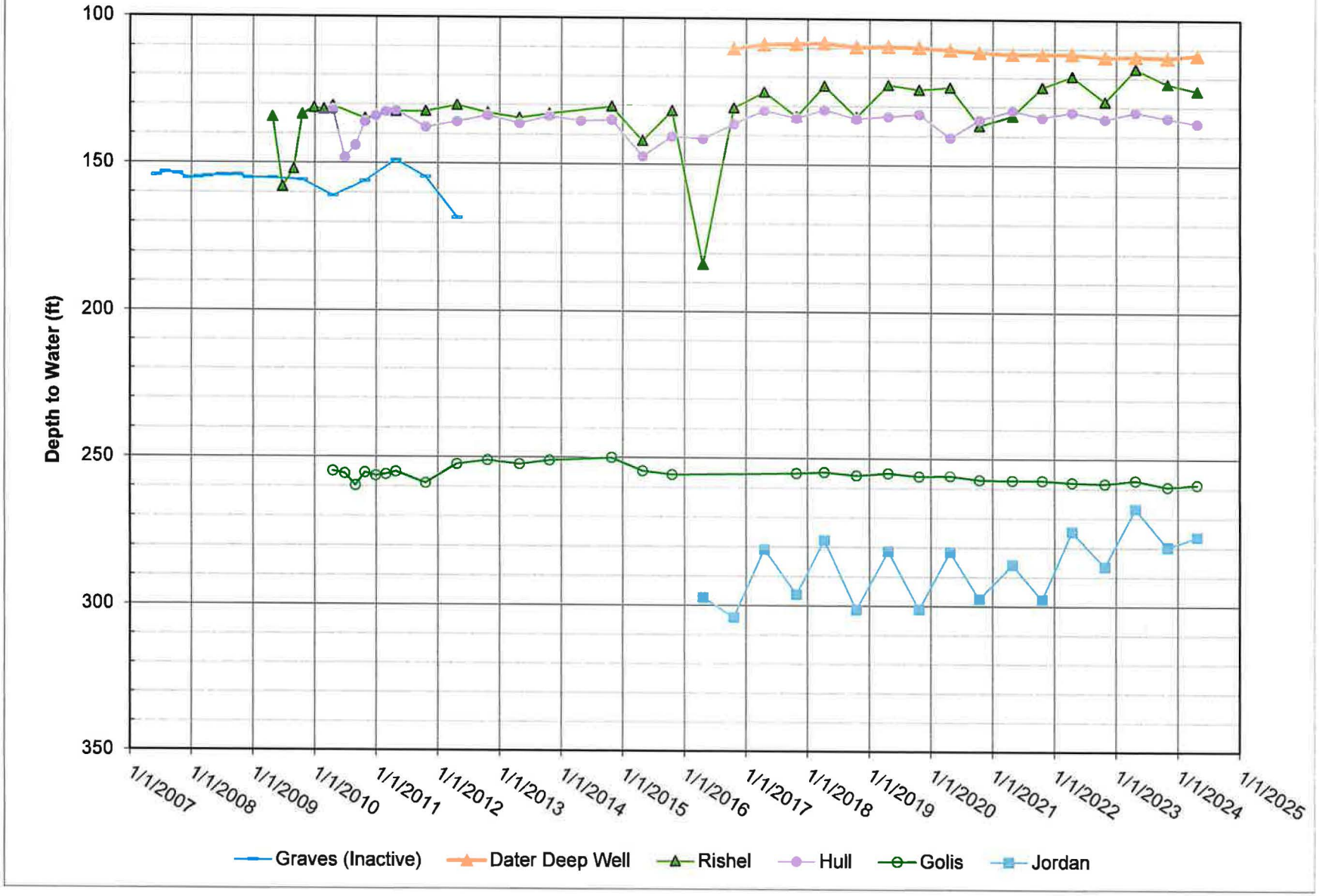


Figure 4. Dry Creek Artesian Well Pressure Monitoring Data

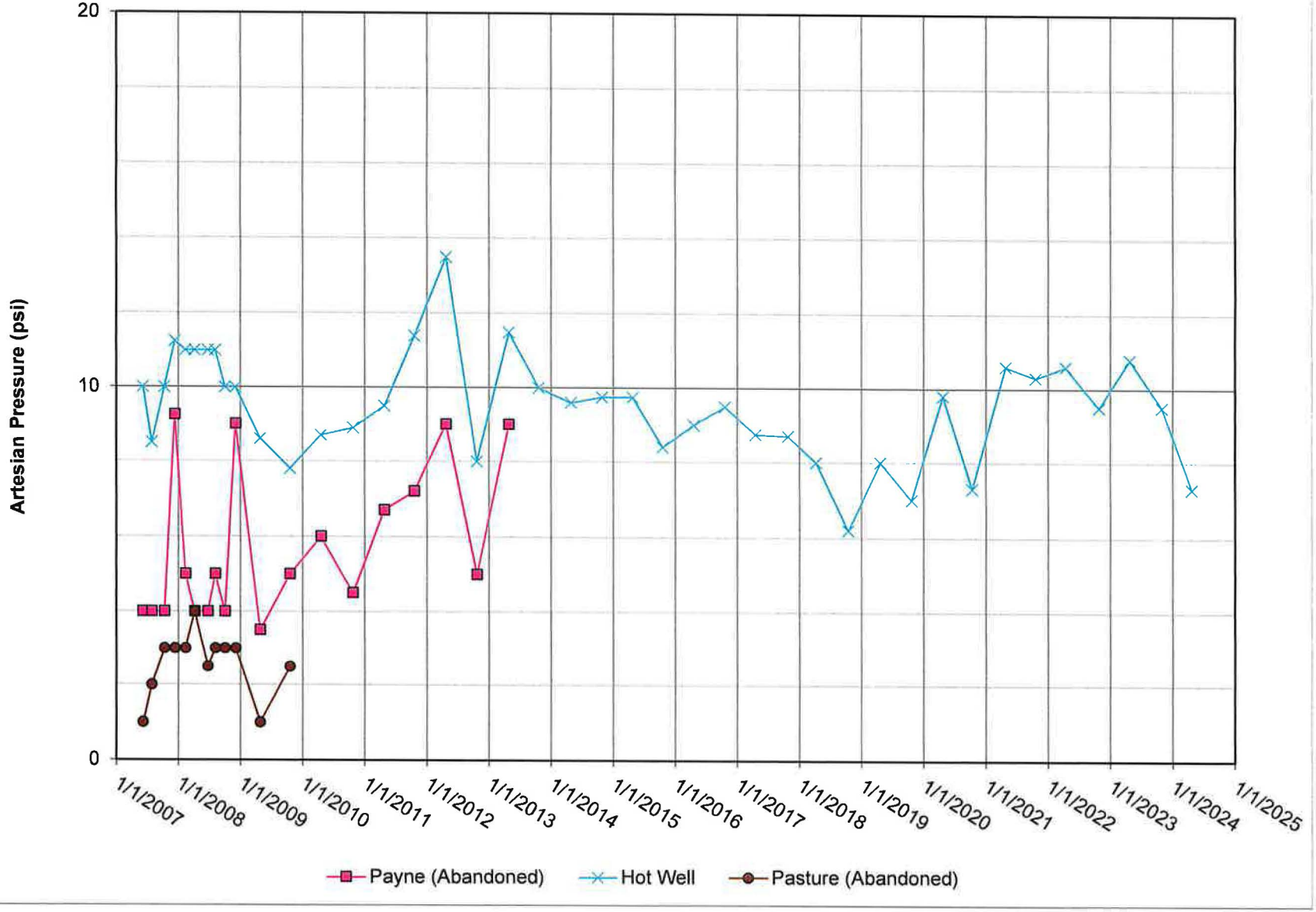


Table 1. Dry Creek Water Level Monitoring Results

Date	#9 (ft, DTW)	Payne (psi)	Big Pump Well (ft, DTW)	Hot Well (psi)	Stockwater (ft, DTW)	Pasture (psi)	Beliveau (ft, DTW)	Thompson (ft, DTW)	Graves (ft, DTW)	Dater Deep Well (ft, DTW)	Dater Shallow Well (ft, DTW)	Johnston (ft, DTW)	Rishel (ft, DTW)	Podolan (ft, DTW)	Chapin (ft, DTW)	Hull (ft, DTW)	Golis (ft, DTW)	Jordan (ft, DTW)	Nona Irr (ft, DTW)	Nona Dom (ft, DTW)	Gramling (ft, DTW)
6/8/07		4.0	31.37	10.0	19.10	1.0	48.43	36.53	154.28		48.02										
7/30/07	72.25	4.0	35.88	8.5	19.58	2.0	50.53	40.74	153.25		50.35										
10/12/07	71.95	4.0	27.87	10.0	19.26	3.0	52.98	39.72	153.72		47.82										
12/13/07	73.55	9.3	28.92	11.3	20.37	3.0	52.13	38.23	155.18		51.20										
2/13/08	72.20	5.0	27.35	11.0	20.54	3.0	51.75	39.23	154.92		49.70										
4/7/08	73.40	4.0	24.52	11.0	21.60	4.0	50.02	38.70	154.55		45.15										
6/24/08	73.16	4.0	31.97	11.0	19.32	2.5	48.76	36.95	154.10		48.42										
8/6/08	73.02	5.0	31.75	11.0	19.78	3.0	49.10	38.65	154.19		49.79										
9/8/08			28.3																		
9/19/08			28.2																		
10/2/08	71.72	4.0	26.92	10.0	19.12	3.0	52.54	39.52	154.01		47.63										
12/3/08	73.32	9.0	28.72	10.0	20.31	3.0	52.13	38.17	154.98		51.00										
4/27/09	72.63	3.5	24.58	8.6	19.10	1.0	50.53	36.68	155.09		45.56	85.76	134.33	73.52							
6/26/09												91.79	157.94	74.76							
8/31/09												99.32	152.10	75.89							
10/20/09	74.19	5.0	26.65	7.8	18.99	2.5	53.03	39.65	155.72		47.82	83.97	133.52	75.55							
12/29/09												80.22	131.17	74.82							
2/26/10												80.40	131.64	73.76							
4/19/10	72.15	6.0	23.64	8.7	17.69	(1)	50.05	35.76	160.94		45.22	83.73	130.45	72.60	65.19	131.72	254.71				
6/30/10															85.25	148.08	255.51				
8/31/10															86.44	143.90	259.57				
10/26/10	73.58	4.5	26.41	8.9	19.22	(1)	51.84	38.88	156.01		47.37	88.72	134.75	74.66	75.94	135.87	255.20				
12/30/10															69.18	133.82	256.17				
2/28/11															68.29	132.31	255.70				
4/27/11	70.51	6.7	21.66	9.5	17.19	(1)	47.78	34.60	148.82		34.87	77.96	132.38	69.53	68.81	131.90	254.88				
10/21/11	71.04	7.2	23.26	11.4	18.89	(1)	49.20	35.48	154.48		46.60	85.66	132.32	71.37	74.47	137.61	258.63				
4/24/12	68.71	9.0	20.55	13.5	18.60	(1)	46.47	32.98	168.18		37.55	77.65	130.12	68.70	77.83	135.70	252.19				
10/23/2012	71.88	5.0	24.6	8.0	18.49	(1)	50.08	36.76	(3)		47.20 (2)	87.37	132.63	72.32	83.12	133.49	250.83				
4/29/2013	69.04	9.0	22.58	11.5	12.02	(1)	48.92	38.57 (2)	(3)		45.50 (2)	81.36	134.35	69.93	(4)	136.14	252.06				
10/23/2013	74.83	(5)	28.35	10.0	17.62	(1)	54.10	40.38	(3)		50.90	88.29	132.89	74.32	85.95	133.47	250.80				
4/29/2014	73.09	(5)	24.96	9.6	15.80	(1)	51.03	37.87	(3)		39.69	76.78	170.52 (2)	72.79	72.14	135.30	(6)				
10/28/2014	76.42	(5)	29.61	9.8	18.69	(1)	55.80	42.35	(3)		48.79	87.68	130.44	75.91	81.85	134.92	249.85				
4/28/2015	72.88	(5)	24.92	9.8	18.81	(7)	50.86	(8)	(3)		41.39	89.86	141.98	73.80	(4)	147.26	254.30				
10/21/2015	75.83	(5)	29.26	8.4	17.71	(1)	55.00	(8)	(3)		51.04	88.15	131.75	76.18	79.8	140.38	255.51				
4/19/2016		(5)				(1)	50.16	(8)	(3)		41.76	80.1	183.66 (2)		71.62						
4/20/2016	72.55		(10)	9	15.75									73.8		141.18	(6)	297.20			
10/21/2016	(9)	(9)	28.97	9.5	19.50	(1)	54.70	(8)	(3)	110.05		84.9	130.72	76.05	80.80	136.1	(6)	303.90			
4/19/2017	72.85	(5)	(11)	8.8	15.07	(12)	49.85	(8)	(3)	108.63		74.3	125.25	72.90	75.52	131.4	(6)	280.80			
10/27/2017	74.45	(5)	27.94	8.8	18.54	(12)	52.70	(8)	(3)	108.37		78.39	133.55	74.73	78.05	134.07	254.95	296.03			
4/10/2018	72.46	(13)	24.52	8.0	17.43	(12)	50.60	(8)	(3)	108.02		78.45	122.98	71.76	71.14	131.17	254.51	277.62			
10/17/2018	76.66	(13)	30.84	6.2	18.08	(12)	56.33	41.89	(3)	109.36		81.9	133.65	76.04	79.88	134.22	255.57	301.24	45.7	60.71	
4/24/2019	73.68	(13)	25.74	8.0	15.90	(12)	52.13	37.48	(3)	109.13		74.78	122.59	72.65	70.24	133.3	254.86	281.32	37.35	61.74	
10/24/2019	74.92	(13)	28.42	7.0	18.16	(12)	53.80	40.19	(3)	109.46	42	85.32	124.2	74.51	78.71	132.52	255.87	301.05	42.82	54.18	
4/24/2020	73.74	(13)	25.48	9.8	17.37	(12)	51.50	48.93 (2)	(3)	110.21	46.35	73.29	123.33	71.39	71.04	140.49	255.65	281.45	39.49	50.28	
10/14/2020	75.19	(13)	28.19	7.3	18.31	(12)	53.22	41.66	(3)	111.01	51.24	81.72	136.42 (2)	73.73	103.32 (2)	134.43	256.98	297.44	45.02	51.99	
4/28/2021	71.92	(13)	24.25	10.6	(14)	(12)	49.02	36.85	(3)	111.65	39.89	72.49	133.06	71.28	70.52	131.23	257.15 (2)	285.69	37.16	51	
10/21/2021	(15)	(13)	30.33	10.3	(14)	(12)	55.21	42.62	(3)	111.66	51.42	78.03	123.22	75.23	79.60	133.54	257.12	297.70	45.56	54.24	50.61
4/15/2022	(15)	(13)	26.36	10.6	(14)	(12)	53.19	(8)	(3)	111.57	45.63	68.88	119.45	72.44	71.90	131.69	257.88	274.48	38.23	52.12	49.39
10/27/2022	(15)	(13)	32.35	9.5	(14)	(12)	56.88	(8)	(3)	112.59	52.18	84.84	128.05	75.91	71.14	134.13	258.16	286.36	46.16	52.84	50.61
4/25/2023	(15)	(13)	26.12	10.8	(14)	(12)	52.38	(8)	(3)	112.34	32.74	65.93	116.79	72.48	62.11	131.69	257.02	266.55	37.78	48.39	66.77
10/31/2023	(15)	(13)	31.47	9.5	(14)	(12)	56.51	(8)	(3)	112.73	47.59	71.86	122.02	75.72	73.86	133.71	259.27	279.76	43.38	52.24	69.94
4/23/2024	(15)	(13)	(16)	7.3	(14)	(12)	51.27	(8)	(3)	111.94	34.39	68.62	124.34	73.02	70.79	135.56	258.5	276.21	37.67	54.84	67.19

(1) No measurement, most of artesian flow escaping from well head

(2) Pumping water level; pump on during measurement

(3) Sounder snagged in well, unable to measure water level; removed from program

(4) No measurement; pump on, unable to measure PWL due to constriction at approximately 220ft

(5) No measurement; artesian flows bypassing pipe with hose bib used for pressure measurement

(6) No measurement; blockage between drop pipe and well casing at approximately 192 feet depth

(7) New head with hose bib was installed. No water was flowing, appears to be isolated with gate valve, but unable open gate valve to verify.

(8) New home owner requested that his well be removed from the monitoring program

(9) Gate locked, unable to gain access to well

(10) Pump on, water spraying all around tap opening, unable to collect measurement

(11) Well currently used for providing water for well drilling

(12) Well abandoned 12/08/2016

(13) Well abandoned 4/3/2018

(14) Well head incidentally buried during work on Dry Creek Road. Area excavated and metal detector used, but well could not be located. Likely under widened road.

(15) Well abandoned 10/13/2021

(16) No measurement, new well head installed with sounding tube, tube pinched at 5 feet

APPENDIX B

WELL ABANDONMENT REPORTS

Form 238(4)-2 02/2014
Page 1 of 2

ID NUMBER _____

Payne Well

State of Idaho Department of Water Resources
AUTHORIZATION TO ABANDON (DECOMMISSION) A WELL

1. **WELL OWNER INFORMATION:** (The well owner is the person who legally owns the property.)

   Name: BHH Investments 1414 LLC
   Current Mailing Address: 1025 S Bridgeway Pl, Suite 290
   City: Eagle State: ID Zip Code: 83616
   Telephone: (_____) _____

2. **WELL LOCATION:** (GPS required in Degrees Decimal Minutes.)

   Twp. 5N, Rge. 1E, Sec. 35, _____ 1/4 (10) NE 1/4 (40) NE 1/4 (160)
   Gov't Lot No. _____ County Ada Lat. 43° 44.016 Long. 116° 17.660
   Street Address of Well Location: Off of Hwy 55 Between W. Brookside Ln & W. Dry Creek Rd.,
   City: Eagle Lot, block and subdivision: _____

3. **TYPE OF WELL:**

   ☑ DOMESTIC ☐ MONITORING ☐ IRRIGATION ☐ OTHER _____ (Describe)

4. **WELL INFORMATION:** (*Casing size, well depth & static water level data are required.)

   Well Tag Number: None Previous Drilling Permit Number: Unknown
   Water Right Number: _____ - _____
   Well Log on File? (Provide if available) ☐Yes ☑No Temperature: ☑less than 85°F ☐greater than 85°F
   *Casing Size: 8-inch *Material: Steel *Well Depth 250+ ft. (measured)
   *Current Static Water Level: _____ (measured) Flowing Artesian? ☐ Yes ☐ No

5. **REASON FOR ABANDONMENT OF WELL:**
   No longer needed

6. **PROPOSED METHOD OF ABANDONMENT:** (Must be consistent with IDAPA 37.03.09. This Application must be reviewed prior to commencement of abandonment.)
   Fill hole from bottom to surface with cement

7. **Drilling company name:** Post Drilling Inc. **company lic. No.** 670
8. **Date of abandonment:** 4/3/2018
9. **Applicants signature:** George Post
10. **Title:** Principal Driller **date:** 4/3/2018

ACTION OF THE DEPARTMENT OF WATER RESOURCES

This application for abandonment has been reviewed by IDWR on _____/_____/_____

This review does not constitute an endorsement by IDWR of the proper abandonment of this well. Pursuant to Section 42-238(12), Idaho Code, all abandonments must meet the requirements of the Administrative Rules for Well Construction Standards. **Abandonment of this well will require the services of a well driller licensed in the State of Idaho unless a waiver has been granted.**

_____ _____
Signature of Authorized Department Representative Title

NAME: BHH Investments 1414 LLC ID NUMBER: _____

ABANDONMENT REPORT

ABANDONMENT PROCEDURES:

Must describe **all** details of work performed, including perforations, sealing materials, and how casing was removed.

PROCEDURE:	FROM:	TO:	WEIGHT/VOLUME:
Filled hole with cement from bottom of hole to surface	250+'	0	12.25 yds

DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with:

Drilling Company: Post Drilling Inc. License # 670

Principal Driller: [signature] Date: 4/4/2018

Operator: _____ Date: _____

ID NUMBER _____

Pasture Well

State of Idaho Department of Water Resources
AUTHORIZATION TO ABANDON (DECOMMISSION) A WELL

1. **WELL OWNER INFORMATION:** (The well owner is the person who legally owns the property.)

   Name: BHH Investments 1414 LLC
   Current Mailing Address: 1025 S Bridgeway Pl, Suite 290
   City: Eagel State: ID Zip Code: 83616
   Telephone: (_____)

2. **WELL LOCATION:** (GPS required in Degrees Decimal Minutes.)

   Twp. 5N, Rge. 1E, Sec. 36, _____ 1/4 (10) NE 1/4 (40) NW 1/4 (160)
   Gov't Lot No._____ County Ada Lat. 43° 43.953 Long. 116° 17.274
   Street Address of Well Location: Dry Creek Rd,
   City: Eagle Lot, block and subdivision: _____

3. **TYPE OF WELL:**

   ☑ DOMESTIC ☐ MONITORING ☐ IRRIGATION ☐ OTHER_____(Describe)

4. **WELL INFORMATION:** (*Casing size, well depth & static water level data are required.)

   Well Tag Number: None Previous Drilling Permit Number: Unknown
   Water Right Number:_____-_____
   Well Log on File? (Provide if available) ☐Yes ☑No Temperature: ☑less than 85°F ☐greater than 85°F
   *Casing Size: 8-inch *Material: Steel *Well Depth 370 ft. (measured)
   *Current Static Water Level:_____(measured) Flowing Artesian? ☑ Yes ☐ No

5. **REASON FOR ABANDONMENT OF WELL:**
   No longer needed

6. **PROPOSED METHOD OF ABANDONMENT:** (Must be consistent with IDAPA 37.03.09. This Application must be reviewed prior to commencement of abandonment.)
   Filled hole from bottom of well to surface with cement

7. **Drilling company name:** Post Drilling Inc. **company lic. No.** 670
8. **Date of abandonment:** 12/8/2016
9. **Applicants signature:** _____
10. **Title:** Principal Driller **date:** 12/9/2016

ACTION OF THE DEPARTMENT OF WATER RESOURCES

This application for abandonment has been reviewed by IDWR on_____/_____/_____

This review does not constitute an endorsement by IDWR of the proper abandonment of this well. Pursuant to Section 42-238(12), Idaho Code, all abandonments must meet the requirements of the Administrative Rules for Well Construction Standards. **Abandonment of this well will require the services of a well driller licensed in the State of Idaho unless a waiver has been granted.**

_____ _____
Signature of Authorized Department Representative Title

NAME: BHH Investments 1414 LLC ID NUMBER: _____

ABANDONMENT REPORT

ABANDONMENT PROCEDURES:

Must describe **all** details of work performed, including perforations, sealing materials, and how casing was removed.

PROCEDURE:	FROM:	TO:	WEIGHT/VOLUME:
Filled hole with cement from bottom of hole to surface	370'	0	7 yds

DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with:

Drilling Company: Post Drilling Inc. License # 670

Principal Driller: [signature] Date: 12/9/2016

Operator: _____ Date: 12/9/2016

Form 238(4)-2 02/2014
Page 1 of 2

OCT 13 2021
WATER RESOURCES
WESTERN REGION

ID NUMBER ~~46613~~ 902527

Well 9 63

State of Idaho Department of Water Resources
AUTHORIZATION TO ABANDON (DECOMMISSION) A WELL

1. **WELL OWNER INFORMATION:** (The well owner is the person who legally owns the property.)

Name: BHH Investors, LLC/Dry Creek Sewer Company, LLC
Current Mailing Address: 729 S Bridgewater Place
City: Eagle State: Id. Zip Code: 83616
Telephone: (208) 618-2147

2. **WELL LOCATION:** (GPS required in Degrees Decimal Minutes.)

Twp. 05N, Rge. 01E, Sec. 25, ____ 1/4 SE 1/4 NE 1/4
(10) (40) (160)
Gov't Lot No. ____ County Ada Lat. 43 44.5664 Long. -116 16.7012
Street Address of Well Location: 1/3 Miles East of W Brookside Lane near Hidden springs
City: Eagle Lot, block and subdivision: ____

3. **TYPE OF WELL:**

☐ DOMESTIC ☐ MONITORING ☑ IRRIGATION ☐ OTHER ____ (Describe)

4. **WELL INFORMATION:** (*Casing size, well depth & static water level data are required.)

Well Tag Number: ____ Previous ~~Drilling Permit~~ Well ID Number: 401372
Water Right Number: ____ - ____
Well Log on File? (Provide if available) ☑Yes ☐No Temperature: ☐less than 85°F ☐greater than 85°F
*Casing Size: 12" *Material: Steel *Well Depth 230' (measured)
*Current Static Water Level: 100' (measured) Flowing Artesian? ☐ Yes ☑ No

5. **REASON FOR ABANDONMENT OF WELL:**
No Longer needed

6. **PROPOSED METHOD OF ABANDONMENT:** (Must be consistent with IDAPA 37.03.09. This Application must be reviewed prior to commencement of abandonment.)
Perforate & Pressure Cement

7. **Drilling company name:** McLeran Well Drilling LLC **company lic. No.** 641
8. **Date of abandonment:** 10/13/2021
9. **Applicants signature:** Dan
10. **Title:** Owner/Manager **date:** 10/13/2021

ACTION OF THE DEPARTMENT OF WATER RESOURCES

This application for abandonment has been reviewed by IDWR on 10 / 14 / 2021

This review does not constitute an endorsement by IDWR of the proper abandonment of this well. Pursuant to Section 42-238(12), Idaho Code, all abandonments must meet the requirements of the Administrative Rules for Well Construction Standards. **Abandonment of this well will require the services of a well driller licensed in the State of Idaho unless a waiver has been granted.**

Signature of Authorized Department Representative

SENIOR WATER RESOURCE AGENT
Title

#W119 830111

State of Idaho
Department of Water Administration

USE TYPEWRITER OR BALL POINT PEN

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Administration within 30 days after the completion or abandonment of the well.

Well ID # 401372

1. WELL OWNER
Name Julius Feker
Address Dry Creek
Owner's Permit No.

2. NATURE OF WORK
☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe method of abandoning)

3. PROPOSED USE
☐ Domestic ☒ Irrigation ☐ Test ☐ Other (specify type)
☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or injection

4. METHOD DRILLED
☒ Cable ☐ Rotary ☐ Dug ☐ Other

5. WELL CONSTRUCTION
Diameter of hole 12 inches. Total depth 232 feet
Casing schedule ☒ Steel ☐ Concrete

Thickness	Diameter	From	To
.250 inches	12 inches	2 feet	178 feet
.250 inches	8 inches	150 feet	132 feet
.250 inches	8 inches	161 feet	15? feet
.250 inches	8 inches	171 feet	232 feet
inches	inches	feet	feet

Was a packer or seal used? ☐ Yes ☒ No
Perforated? ☒ Yes ☐ No
How perforated? ☐ Factory ☐ Knife ☒ Torch
Size of perforation .125 inches by 8 inches

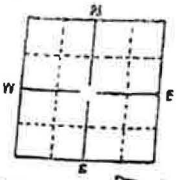
Number		From	To
50	perforations	201 feet	206 feet
50	perforations	211 feet	216 feet
50	perforations	227 feet	232 feet

Well screen installed? ☒ Yes ☐ No
Manufacturer's name Johnson
Type Stainless Model No. 405
Diameter 8 Slot size 35 Set from 150 feet to 155 feet
Diameter 8 Slot size 35 Set from 161 feet to 171 feet

Gravel packed? ☒ Yes ☐ No Size of gravel .40
Packed from 232 feet to 140 feet

Surface seal depth 30 Material used in seal ☐ Cement grout ☒ Puddling clay ☐ Well cuttings
Sealing procedure used ☐ Slurry pit ☒ Temporary surface casing ☒ Overbore to seal depth

6. LOCATION OF WELL
Sketch map location must agree with written location.



Subdivision Name
Lot No. Block No.
County Ada
NW ¼ NW ¼ Sec 25 T. 5 N S, R. 1 E W

7. WATER LEVEL
Static water level 72 feet below land surface
Flowing? ☐ Yes ☒ No G.P.M. flow
Temperature ° F. Quality
Artesian closed-in pressure p.s.i.
Controlled by ☐ Valve ☐ Cap ☐ Plug

8. WELL TEST DATA
☒ Pump ☐ Bailer ☐ Other

Discharge G.P.M.	Draw Down	Hours Pumped
700		

9. LITHOLOGIC LOG 46613

Hole Diam.	Depth From	Depth To	Material	Water Yes	Water No
16	0	12	Sandy Subsoil		x
16	12	64	Sandy clay	x	
12	64	86	Sand		x
12	86	89	Clay		x
12	89	91	Sand		x
12	91	101	Clay		x
12	101	149	Blue Clay	x	
12	149	151	Sand		x
12	151	159	Blue Clay	x	
12	159	162	Sand		x
12	162	172	Blue Clay	x	
12	172	179	Sand	x	
12	179	195	Siltstone		
12	195	213	Blue Clay		x
12	213	220	Brown Sandy Clay	x	
12	220	225	Granite Boulder		x
12	225	227	Brown Clay		x
12	227	232	Granite		x

10.
Work started 9/22/75 finished 12/9/75

11. DRILLER'S CERTIFICATION
Firm Name Engleman Firm No. 47
Address 1309 Rand Street Boise Date 12/14/75
Signed by (Firm Official) Ray Engleman
and
Operator) Leroy Engleman

USE ADDITIONAL SHEETS IF NECESSARY FORWARD THE WHITE COPY TO THE DEPARTMENT

APPENDIX C

MONITORING AGREEMENTS

Water Level Monitoring Agreement

2 wells *

Well Name Nona Domestic Well, Nona Irrigation Well

Well Location Domestic, behind house, 6411 W. Dry Creek
Irrigation, left of barn lane, near corner, Seamans Gulch & Broken Horn

The undersigned well owner hereby agrees to allow BHH LLC (BHH), through its designated contractors or agents to enter on to the well owner's property on a regularly scheduled basis to measure well water levels as part of a water-level monitoring program. Monitoring frequency is typically semi-annual (April and October) of each year. The well owner agrees to cooperate with BHH in these efforts, and will designate a reasonable and safe means of well access for this purpose. The measurements would be conducted using electric-line well probes or steel tapes. The work will involve removing the well cap to access the well. Wells with submersible pumps may require water level measurement tubes to prevent entanglement of well probes in submersible pump wire. The tubes will be installed by BHH's contractor at BHH's expense.

The undersigned well owner hereby releases BHH and their contractors from any and all liability, other than negligence, associated with the water level monitoring program, including, but not limited to, real or perceived damage to the well, well pump, or well water quality. Water-level monitoring will continue until (1) the monitoring program is terminated or until (2) the well owner notifies BHH in writing that they desire to withdraw from the monitoring program.

Well Owner Name Leslie Nona

Mailing Address 6411 W. Dry Creek Boise, ID 83714

Daytime Telephone (208) 850-5743

Well Owner Signature Leslie Nona

Date 7/2/18

Witness Signature

BHH Signature

Date July 9th, 2018

* Tag number for both wells available on IDWR website

Water Level Monitoring Agreement

Well Name GRAMLING
(By sprinkler system boxes)

Well Location In backyard, near privacy fence, between lilac bushes (west side of yard)

The undersigned well owner hereby agrees to allow BHH LLC (BHH), through its designated contractors or agents to enter on to the well owner's property on a regularly scheduled basis to measure well water levels as part of a water-level monitoring program. Monitoring frequency is typically semi-annual (April and October) of each year. The well owner agrees to cooperate with BHH in these efforts, and will designate a reasonable and safe means of well access for this purpose. The measurements would be conducted using electric-line well probes or steel tapes. The work will involve removing the well cap to access the well. Wells with submersible pumps may require water level measurement tubes to prevent entanglement of well probes in submersible pump wire. The tubes will be installed by BHH's contractor at BHH's expense.

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Well Owner Name James & Marci Gramling

Mailing Address 8464 W. Brookside Ln, Boise, ID 83714

Daytime Telephone 208-938-0597

Well Owner Signature Marci Gramling
James Gramling

Date 6/2/2021

Witness Signature

BHH Signature Landon Northey, Project Manager

Date 6/3/2021