

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 63-33207

Exam Date: April 4, 2025

1. Current Owner:
CS PROPERTY DEVELOPMENT LLC PO BOX 27 BOISE ID 83707-0027
2. Accompanied by: Steve Meyer, Remington Buyer
Phone No: Remington Cell: (208) 860-6151, Remington Office: (208) 780-0959, Steve Office: (208) 810-7510
ext. 7516, Steve Cell: (507) 822-2584
Address: 17365 S Cole Rd. Kuna, ID
Relationship to permit Holder: CS Properties' Water Rights Specialist (Remington), and Utilities Engineer (Steve)

3. **SOURCE:**
GROUND WATER

Method of Determination: Proof of Beneficial Use, ArcMap aerial imagery, In-person Field Exam, OnX GPS

B. OVERLAP REVIEW

1. Other water rights with the same place of use: YES Overlap

Water Right No.	Source	Purpose of Use	Basis
63-34038	Groundwater 4.0 cfs	Industrial, Irrigation	Permit

Comments: Permit 63-34038 utilizes an additional 4.0 cfs for industrial use and includes land application of wastewater from the industrial facility. Irrigation on permit 63-34038 includes the SW quarter of 01N 01E S14, which is also permitted within the POU for industrial.

2. Other water rights with the same point-of-diversion: NO Overlap

Water Right No.	Source	Purpose of Use	Basis
63-34038	Groundwater 4.0 cfs	Industrial, Irrigation	Permit

Comments: 63-34038 is an active permit for industrial and irrigation with 4.0 cfs. The POU does not appear to overlap with the meat packing plant building, but the POU for 63-34038 includes the wastewater ponds and all PODs used by CS Properties.

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER L7 (SW $\frac{1}{4}$ SW $\frac{1}{4}$), Sec. 6, Twp 01N, Rge 02E, B.M. ADA County
Plant Well 1: 43.2650 -116.1622

GROUND WATER L7 (SW $\frac{1}{4}$ SW $\frac{1}{4}$), Sec. 6, Twp 01N, Rge 02E, B.M. ADA County
Plant Well 2: 43.44736 -116.27362

Method of Determination: In-person field exam, OnX GPS

PLACE OF USE: INDUSTRIAL

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
01N	01E	10	X	X	X	X													
01N	01E	13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
01N	01E	14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
01N	01E	15	X		X	X									X			X	
01N	01E	23	X	X	X	X	X	X	X	X									
01N	01E	24	X	X	X	X	X	X	X	X									
01N	02E	18	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	
01N	01E	11			X	X	X	X	X	X					X	X	X	X	
01N	01E	12					X	X	X	X	X	X	X	X		X	X	X	
01N	02E	6									X	X	X	X	X	X	X	X	
01N	02E	19						X											
01N	01E	3									X	X	X	X			X	X	
01N	02E	7											X	X			X		

Method of Determination: In-person field exam, Public Land Survey data, ArcMap aerial imagery.

3.

X 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.

N/A 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
D0069003	Goulds	150	1701084-SB-YS	NEMA Premium	4282164
D0070211	Unknown	150	Unknown	Unknown	Unknown

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Flow Meter	Closed Conduit	Panametrics	PT878	305120	10" Diameter Steel Pipe	April 2, 2025

2. Measurements: A closed conduit flow measurement was collected on Plant Well 1. This included ten continuous, one-minute intervals, measuring velocity (ft/s), volume (gpm), and forward total gallons. The flow measurement is consistent with the 24 hour well monitoring report shown at the time of the field exam, represented in figure 4.

Plant Well #1 Closed Conduit				
Time	Velocity (ft/s)	Volume (gpm)	Fwd Totalizer (Fwd Gallons)	
9:35:02	7.07	1010.6	440741.232	
9:36:02	7.06	1008.2	441733.779	
9:37:03	7.05	1007.5	442755.056	
9:38:05	7.08	1011.3	443812.183	
9:39:02	7.08	1012	444755.071	
9:40:02	7.09	1013.6	445780.169	
9:41:02	7.05	1007.3	446785.886	
9:42:02	7.09	1012.5	447814.178	
9:43:02	7.12	1016.7	448802.302	
9:44:04	7.07	1010.8	449861.552	
9:45:02	7.09	1013.5	450840.624	
Average	7.077272727	1011.272727	1009.9392	
Total			10099.392	

E. FLOW CALCULATIONS

A flow measurement was collected on Plant Well 1 during the field exam, as shown in Item D above. The average flow rate, according to the average volume measured in gallons per minute, was 2.71 cfs. Twenty-four-hour monitoring data from both Plant Well 1 and Plant Well 2 were provided during the field exam (table 1), showing a maximum diversion rate of 2.75 cfs in February 2018.

F. VOLUME CALCULATION

Amendment of Permit 63-33207 was approved under the condition that the user must install a measuring device capable of displaying the diversion flow rate. The right holder shall record the flow rate and monthly volume for any calendar year. These records shall be made available to the department upon request. Using the annual monitoring data from that SPF Engineering properties submitted to the department on behalf of CS Properties LLC, annual volumes from each year of the development period were calculated. The year with the highest recorded volume during the development period was 2022, with 1624.9 acre-feet. It was determined during the field exam that the two points of diversion listed above solely provide water to the packing plant.

Date	Volume (AF)
2017	884.9
2018	1179.1
2019	1319.4
2020	1245.8
2021	1407.6
2022	1624.9
2023	1571.4

G. NARRATIVE/REMARKS/COMMENTS

A permit to appropriate 3.0cfs for irrigation of 200 acres was issued on September 25, 2013, which was amended to change the nature of use to industrial for a meat packing plant in 2016. The previously permitted flow rate of 3.0 cfs remains and is utilized in a meat packing plant before wastewater is diverted to two storage ponds and used for irrigation. An in-person field exam was conducted on April 4, 2025. The field exam was accompanied by Remington Buyer, Simplot Water Rights Specialist, and Steve Meyer, CS Beef Packers Environmental Engineer.

Permit 63-34038 is permitted to utilize an additional 4.0 cfs from groundwater, including the two points of diversion listed on WR 63-33207, for industrial use in the meat packing plant. Permit 63-34038 also includes irrigation for the place of use outlined in figure 2 to dilute wastewater to be irrigated as per Department of Environmental Quality standards. The irrigation and wastewater application place of use was verified during the field exam by Steve and Remington by outlining the irrigated area on a map, which is consistent with historical aerial imagery during the development period. Wheel lines were present at the irrigated area at the time of the field exam. Wastewater is temporarily stored in a holding pond and is applied daily during the irrigation season of March 1st through November 15th. The system outline, highlighted in figure 1, includes two wells, both equipped with a 150-horsepower pump, a million-gallon storage tank, a buried mainline that surrounds the building, and a single mainline directing wastewater to the storage ponds. All water is diverted to the storage tank that is used to store water to be used throughout hours of operation for the meat packing plant. Flow and volume monitoring data is collected at the wells. It was determined during the field exam that the two points of diversion listed above solely provide water to the packing plant.

A measuring device capable of displaying the diversion flow rate, recording the flow rate, and monthly volume for any calendar year was installed on Plant Wells 1 and 2. These records are available to the department upon request, and are submitted to the department annually. Total volumes from each year of the development period were calculated, shown in Item F. This shows that the system can provide 700 AFA, which will be the licensed volume to meet a condition placed on the permit stating "use of water under this permit shall not exceed an annual diversion volume of 700 acre-feet." The purpose of that condition was to ensure the change in nature of use from irrigation to industrial did not result in enlargement. The year with the highest recorded volume during the development period was 2022, with 1624.9 acre-feet. Any additional annual volume from 700 acre-feet can be accounted for by permit 63-34038.

Per department standards, condition 121 was replaced with 103. Conditions 069, 046, 196, 004, a condition requiring a measuring device be installed, and a condition requiring proof of beneficial use by October 2018 were removed from right 63-33207 at licensing.

Have conditions of permit approval been met? X Yes No

H. RECOMMENDATIONS**1. Recommended Amounts**

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>	<u>Volume</u>
INDUSTRIAL	01/01 to 12/31	2.75 CFS	700 AFA

Totals: 2.75 CFS 700 AFA

2. Recommended Amendments

____ Change P.D. as reflected above ____ Add P.D. as reflected above X None

____ Change P.U. as reflected above ____ Add P.U. as reflected above X None

I. AUTHENTICATION Kate Englund - Water Resource Agent

Field Examiner's Name ____ Kate Englund ____ Date ____ April 4, 2025 ____

Reviewer CP ____ Date June 25, 2025 ____

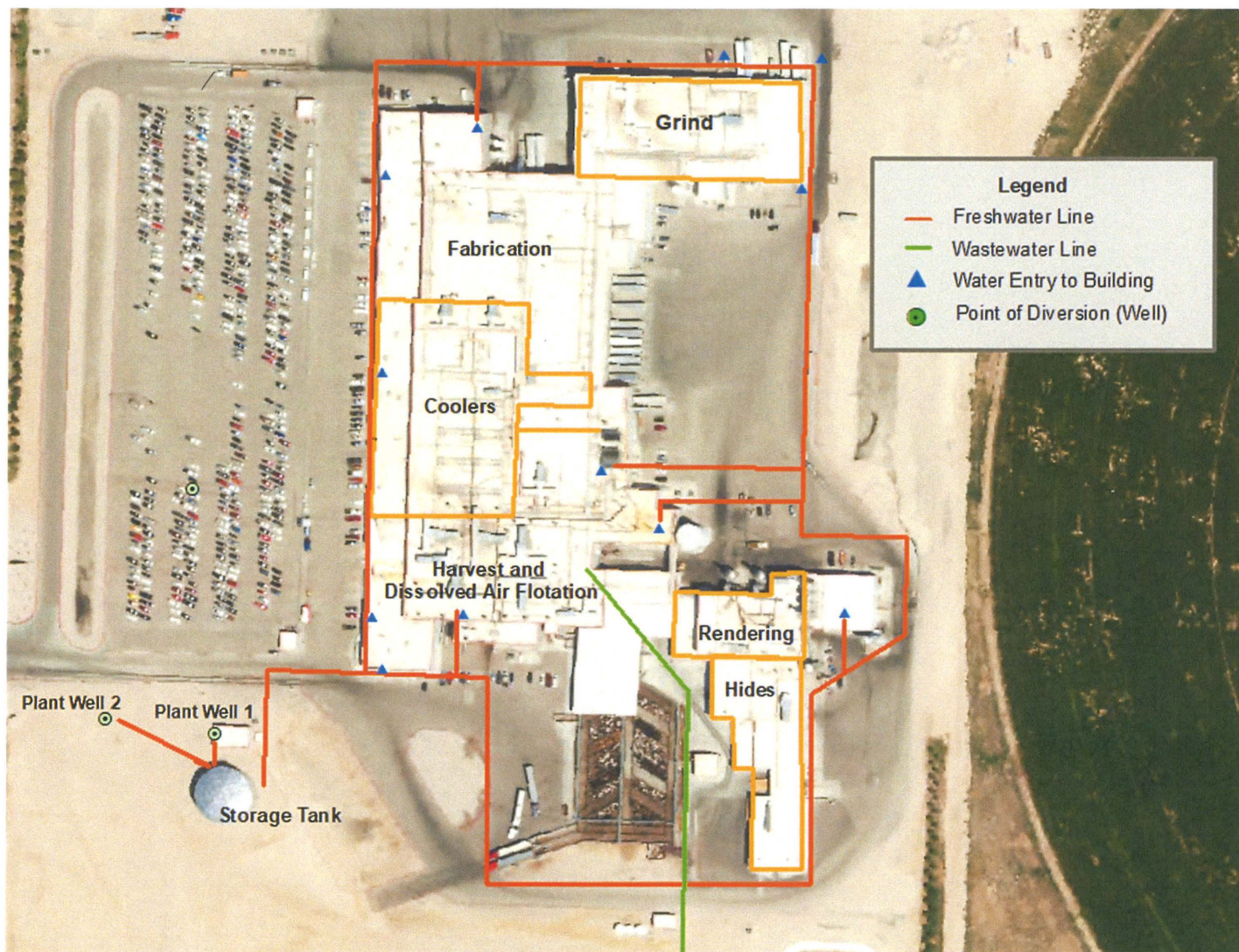


Figure 1 System diagram of meat packing plant, points of diversion, and water storage tank. Fresh and wastewater lines are underground and are based off a map provided by CS Properties.

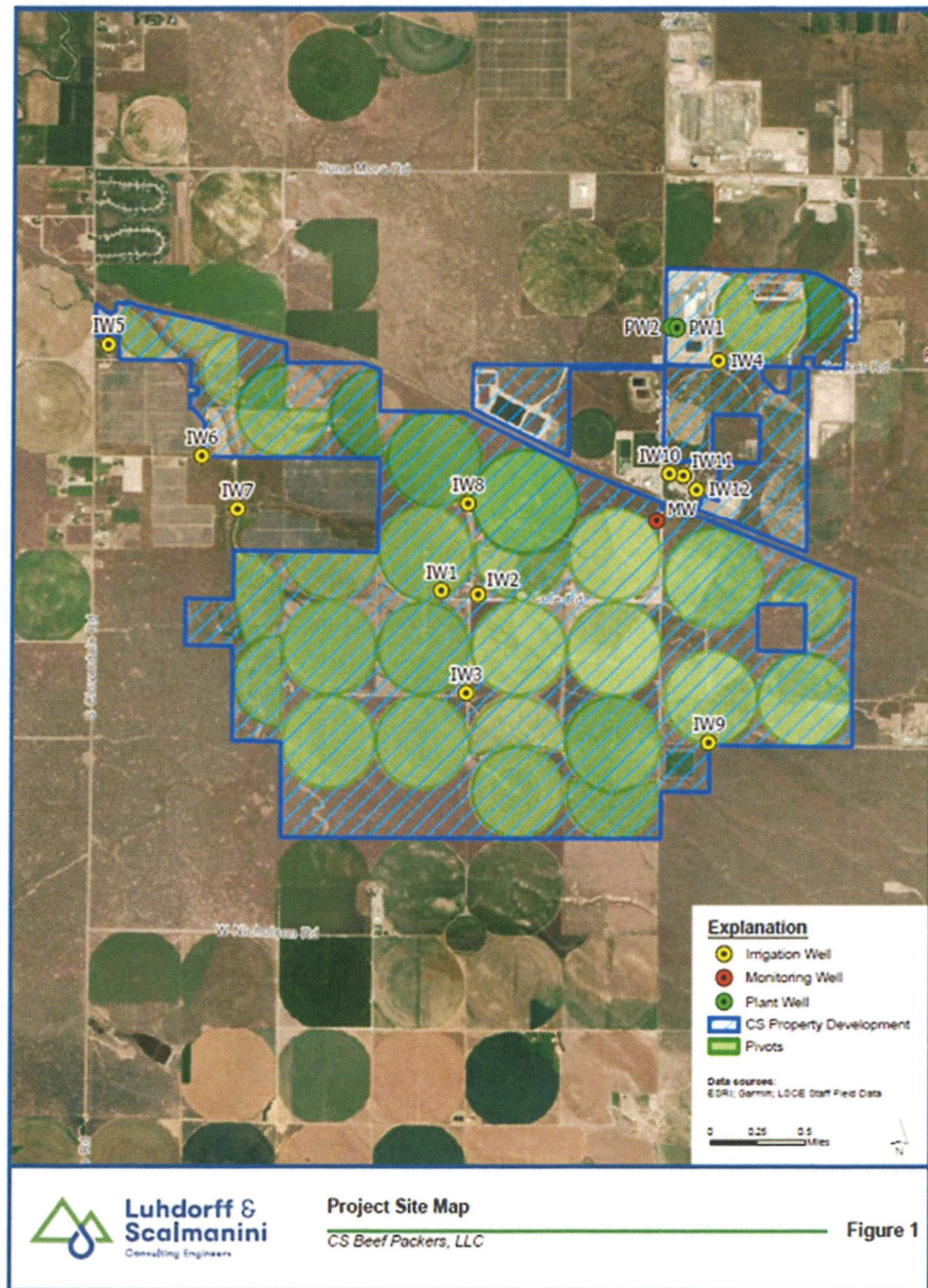


Figure 2 Irrigation wells, plant wells, and monitoring well locations as provided in CS Properties 2024 monitoring report and confirmed by CS Properties's Water Rights Specialist.

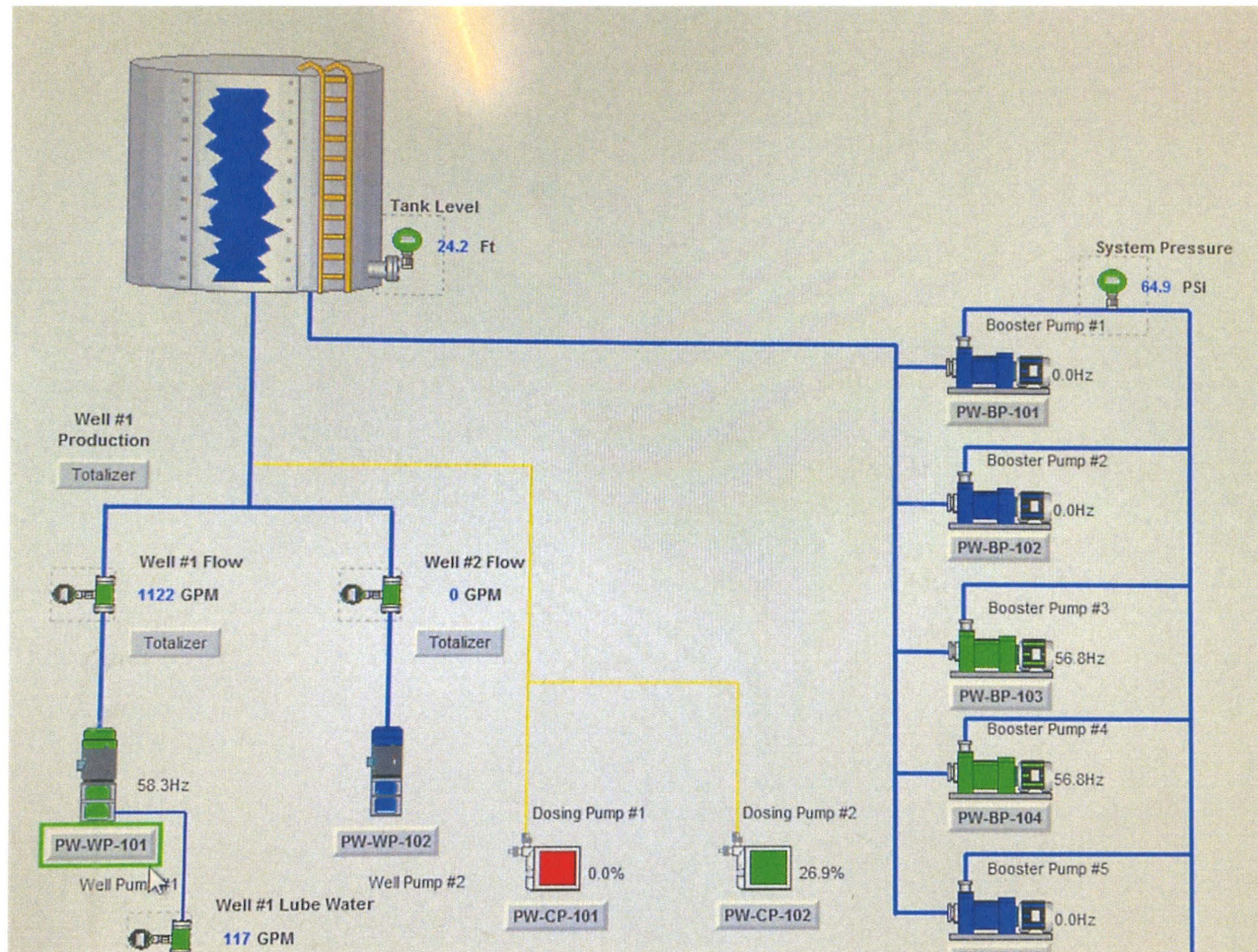


Figure 3 Current flows for well 1, well 2, and storage tank level at the time of the field exam.

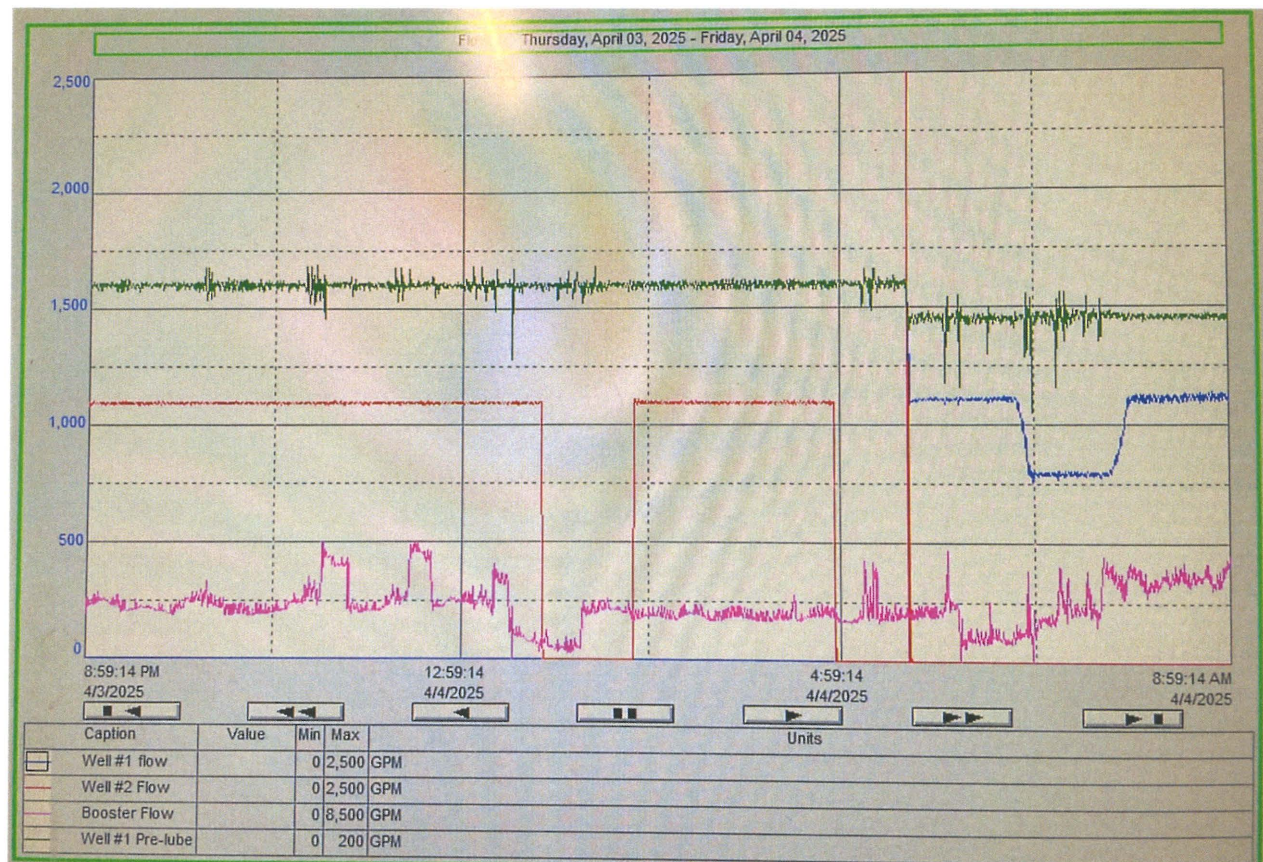


Figure 4 Flows from both wells 24 hours before field exam. Graph includes well 1 flow in blue, well 2 flow in red, and booster flow in pink. Well 2 ran with a rate of roughly 1100 gpm for about eight hours. Well 1 ran for four hours prior to the field exam around 1100 gpm.



Figure 5 Plant Well 1, D0069003.



Figure 6 Photo includes the five pump boosters that are associated with Plant Well 1 and system which diverts water to storage tank.

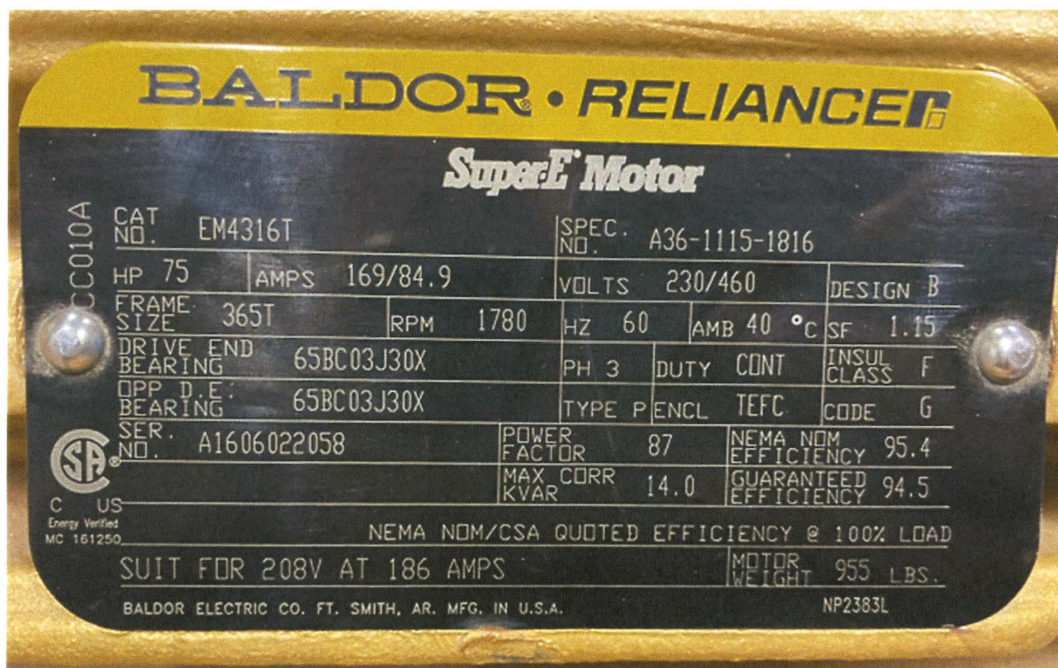


Figure 7 One of three 75 hp booster specifications for Well 1.

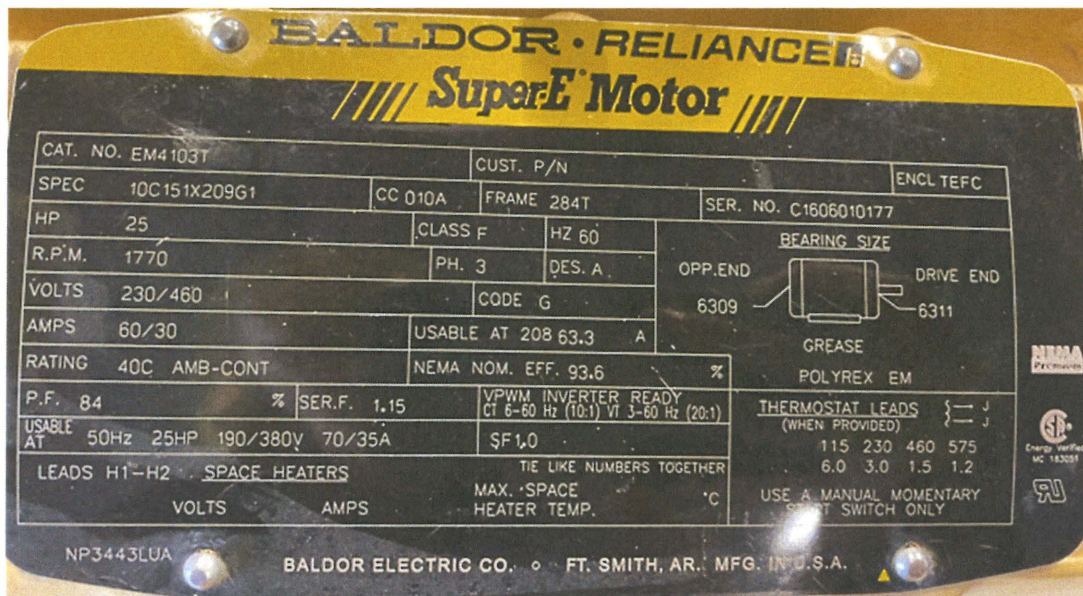


Figure 8 One of two 25 hp booster specifications for Well 1.

Table 1 Plant wells 1 and 2 monthly flow monitoring data from 2017 through 2019. Table is represented by the 2019 Annual Monitoring Report submitted by SPF Engineering.

Date	Plant Well #1		Plant Well #2		Total		
	Flow (gpm)	Totalizer (af)	Flow (gpm)	Totalizer (af)	Flow (gpm)	Flow (cfs)	Volume (af)
7/25/2017	1247	0	0	3.87	1247	2.74	3.87
8/30/2017	1245	0	0	17.56	1245	2.74	17.56
10/2/2017	1236	0	0	54.80	1236	2.72	54.80
11/17/2017	1237	637.28	0	120.64	1237	2.72	757.93
12/29/2017	1243	713.18	0	175.56	1243	2.73	888.74
1/24/2018	1242	760.99	0	207.24	1242	2.73	968.2
2/21/2018	1252	819.42	0	240.75	1252	2.75	1060.2
3/22/2018	1241	876.47	0	279.58	1241	2.73	1156.0
4/23/2018	1242	934.17	0	325.00	1242	2.73	1259.2
5/15/2018	1238	979.28	0	359.06	1238	2.72	1338.3
6/29/2018	1115	1061.74	0	440.39	1115	2.45	1502.1
7/31/2018	1113	1108.76	0	491.91	1113	2.45	1600.7
8/31/2018	1116	1158.01	0	547.46	1116	2.46	1705.5
9/28/2018	1112	1208.13	0	583.27	1112	2.45	1791.4
10/31/2018	1113	1262.36	0	633.11	1113	2.45	1895.5
11/30/2018	1113	1313.39	0	683.69	1113	2.45	1997.1
12/21/2018	1113	1350.68	0	717.14	1113	2.45	2067.82
1/30/2019	1117	1417.76	0	786.25	1117	2.46	2204.0
2/28/2019	1119	1472.51	0	832.31	1119	2.46	2304.8
3/15/2019	1120	1498.78	0	857.63	1120	2.46	2356.4
4/30/2019	1121	1583.13	0	932.85	1121	2.47	2516.0
5/30/2019	1120	1638.77	0	986.92	1120	2.46	2625.7
6/28/2019	1115	1698.21	0	1038.93	1115	2.45	2737.1
7/30/2019	0	1760.62	1093	1092.83	1093	2.40	2853.5
8/30/2019	1108	1818.93	0	1144.69	1108	2.44	2963.6
9/30/2019	1108	1875.70	0	1190.38	1108	2.44	3066.1
10/31/2019	1111	1936.47	0	1243.82	1111	2.44	3180.3
11/26/2019	1111	1985.57	0	1288.01	1111	2.44	3273.6
12/30/2019	1117	2044.49	0	1342.77	1117	2.46	3387.26

Table 2 2019 and 2020 Plant wells monthly monitoring data from 2020 Monitoring Report submitted by SPF Water Engineering.

Date	Plant Well #1 (East)			Plant Well #2 (West)		
	Flow (gpm)	Totalizer (af)	AF since previous reading	Flow (gpm)	Totalizer (af)	AF since previous reading
1/30/2019	1117	1417.76	67.09	0	786.25	69.11
2/28/2019	1119	1472.51	54.75	0	832.31	46.06
3/15/2019	1120	1498.78	26.27	0	857.63	25.32
4/30/2019	1121	1583.13	84.34	0	932.85	75.22
5/30/2019	1120	1638.77	55.64	0	986.92	54.07
6/28/2019	1115	1698.21	59.45	0	1038.93	52.00
7/30/2019	0	1760.62	62.41	1093	1092.83	53.91
8/30/2019	1108	1818.93	58.31	0	1144.69	51.86
9/30/2019	1108	1875.70	56.77	0	1190.38	45.69
10/31/2019	1111	1936.47	60.76	0	1243.82	53.44
11/26/2019	1111	1985.57	49.10	0	1288.01	44.19
12/30/2019	1117	2044.49	58.92	0	1342.77	54.76
2019 TOTAL		693.81			625.63	
1/22/2020	1120	2085.52	41.04	0	1382.98	40.21
2/28/2020	1123	2154.60	69.08	0	1446.66	63.68
3/12/2020	1130	2178.12	23.51	0	1469.07	22.41
4/16/2020	1115	2245.81	67.69	0	1523.17	54.09
5/21/2020	1127	2317.05	71.24	0	1575.88	52.71
6/17/2020	1139	2372.53	55.48	0	1619.78	43.90
7/29/2020	1145	2471.96	99.43	0	1679.78	60.00
8/21/2020	1138	2525.38	53.42	0	1715.88	36.10
9/22/2020	1135	2590.84	65.46	0	1769.89	54.01
10/15/2020	1147	2643.91	53.07	0	1811.51	41.62
11/16/2020	1143	2711.72	67.81	0	1862.89	51.38
12/2/2020	1146	2739.69	27.97	0	1893.38	30.49
2020 TOTAL		695.20			550.61	
2020 PLANT WELL TOTAL (af)					1246	

Table 3 2020 and 2021 Plant wells monthly monitoring data from 2021 Monitoring Report submitted by SPF Water Engineering.

Date	Plant Well 1 (east)			Plant Well 2 (west)		
	Flow (gpm)	Totalizer (af)	AF since previous reading	Flow (gpm)	Totalizer (af)	AF since previous reading
1/22/2020	1120.0	2085.5	41.0	0	1383.0	40.2
2/28/2020	1123.0	2154.6	69.1	0	1446.7	63.7
3/12/2020	1130.0	2178.1	23.5	0	1469.1	22.4
4/16/2020	1115.0	2245.8	67.7	0	1523.2	54.1
5/21/2020	1127.0	2317.1	71.2	0	1575.9	52.7
6/17/2020	1139.0	2372.5	55.5	0	1619.8	43.9
7/29/2020	1145.0	2472.0	99.4	0	1679.8	60.0
8/21/2020	1138.0	2525.4	53.4	0	1715.9	36.1
9/22/2020	1135.0	2590.8	65.5	0	1769.9	54.0
10/15/2020	1147.0	2643.9	53.1	0	1811.5	41.6
11/16/2020	1143.0	2711.7	67.8	0	1862.9	51.4
12/2/2020	1146.0	2739.7	28.0	0	1893.4	30.5
2020 TOTAL			695.2			550.6
1/28/2021	1151.0	2847.6	107.9	0	1999.9	106.5
2/18/2021	1157.0	2891.9	44.3	0	2041.6	41.7
3/12/2021	1151.0	2939.6	47.7	0	2079.9	38.3
4/27/2021	1145.0	3031.4	91.8	0	2158.0	78.1
5/29/2021	1145.0	3105.4	74.0	0	2212.8	54.8
6/30/2021	1055.0	3176.5	71.1	1094.3	2271.2	58.4
7/23/2021	1076.0	3226.0	49.5	0	2319.4	48.2
9/2/2021	1088.0	-	-	0	2404.0	84.5
10/27/2021	1091.0	-	-	0	2512.3	108.4
1/17/2022	1080.0	3599.4	373.4	0	2655.7	143.3
2021 TOTAL			751.8			655.8

" - " Totalizer display
could not be accessed

2020 Industrial Total (af)	1245.8
2021 Industrial Total (af)	1407.6

Table 4 2022 Plant wells monthly monitoring data from 2022 Monitoring Report submitted by SPF Water Engineering.

Date	Plant Well 1 (east)			Plant Well 2 (west)		
	Flow (gpm)	Totalizer (af)	AF since previous reading	Flow (gpm)	Totalizer (af)	AF since previous reading
1/17/2022	1080.0	3599.4	373.4	0	2656	143.3
2/28/2022	1078	3,697	97.8	0	2733	77.5
3/10/2022	1090	3,722	24.7	0	2753	20.0
4/19/2022	0	3,798	76.5	0	2843	89.6
5/31/2022	1100	3,880	81.4	0	2934	91.1
6/20/2022	1105	3,922	42.3	*	2978	44.4
7/14/2022	0	-	-	1103	3041	62.9
8/11/2022	1140	4,028	105.7	0	3111	69.9
9/22/2022	1125	4,123	95.0	0	3214	102.6
10/24/2022	1120	4,192	68.9	*	3288	74.6
11/30/2022	1120	4,268	76.2	0	3374	85.4
12/20/2022	1125	4,309	41.2	0	3416	42.5
1/26/2023	1134	4,394	84.8	0	3486	69.9
2022 TOTAL			794.6			830.3

- Totalizer display off
* Well shutoff before flow recorded

2022 Total (af)	1624.9
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Table 5 2023 Plant wells monthly monitoring data from 2023 Monitoring Report submitted by HDR Engineering, Inc.

Date	Plant Well 1 (east)			Plant Well 2 (west)		
	Flow (gpm)	Totalizer (af)	AF since previous reading	Flow (gpm)	Totalizer (af)	AF since previous reading
1/26/2023	1134	4,394	84	0	3486	70.1
2/22/2023	1120	4,454	61	0	3541	54.5
3/31/2023	1113	4,538	84	0	3617	75.9
4/25/2023	1120	4,594	56	0	3665	48.3
5/11/2023	1130	4,629	34	0	3701	36.0
6/20/2023	1095	4,718	90	1090	3784	83.1
7/26/2023	1100	4,802	84	1090	3862	78.0
8/30/2023	1120	4,876	74	1085	3947	85.2
9/28/2023	1116	4,937	61	0	4017	70.2
10/30/2023	1105	5,004	67	1088	4094	76.2
11/8/2023	1110	5,022	18	0	4115	21.1
12/21/2023	1120	5,109	86	0	4206	91.5
1/22/2024	1106	5,178	69.1	1094	4273	67.3
2023 TOTAL			784.2			787.2

2023 Total (af)	1571.4
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IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

RECEIVED

OCT 06 2015

WATER RESOURCES
WESTERN REGION

C23

1. WELL TAG NO. D 0069003

Drilling Permit No. 948768-874825

Water right or injection well # _____

2. OWNER: JR Simplot Co.

Name _____

Address P.O. Box 27City Boise State Idaho Zip 83707

3. WELL LOCATION:

Twp. 1 North ☒ or South ☐ Rge. 2 East ☒ or West ☐Sec. 6 NW 1/4 SW 1/4 1/4Gov't Lot _____ County ADALat. 43 ° 26.841 (Deg. and Decimal minutes)Long. 116 ° 16.380 (Deg. and Decimal minutes)Address of Well Site S. Cole Rd. 1/4 mile North of BarkerCity Kuna

(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 ³)	Placement method/procedure
Neat cement	188ft	0	9 yd3	pumped
Neat cement	315ft	0	11 yd3	pumped

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing	Liner	Threaded	Welded
20"	0	188	.375	steel	☒	☐	☐	☒
14"	+2	395	.375	steel	☒	☐	☐	☒
					☐	☐	☐	☐
					☐	☐	☐	☐

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

9. PERFORATIONS/SCREENS:

Perforations ☐ Y ☐ N Method _____Manufactured screen ☒ Y ☐ N Type JostonMethod of installation set in

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
395	455	30	60ft	14"	ss	.375

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
6-9	315	455	9850lbs	trimmie

11. FLOWING ARTESIAN:

Flowing Artesian? ☐ Y ☒ N Artesian Pressure (PSIG) _____Describe control device plat

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) 315 Static water level (ft) 294Water temp. (°F) 83 Bottom hole temp. (°F) 83

Describe access port _____

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)
43.1	1520	7.7 hrs

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
24	0	2	top soil		
24	2	8	sandy dirt and gravel		
24	8	30	hard black lava		
24	30	38	broken soft black lava		
24	38	44	hard black lava		
24	44	48	soft red lava		
24	48	55	hard black lava		
24	55	77	soft black lava		
24	77	95	hard black lava		
24	95	105	soft black lava		
24	105	135	hard black lava		
24	135	145	soft black lava		
24	145	155	red cinders		
24	155	162	hard black lava		
24	162	177	hard black lava		
19	177	312	large gravel and sand		
19	312	315	rock and clay		
19	315	320	sand and gravel		
19	320	325	rock and clay		
19	325	402	sand and gravel		
19	402	425	white clay		
19	425	448	sand and gravel		
19	448	460	brown clay with gravel		
19	460	465	sand and gravel		
19	465	471	brown clay and little rock		
19	471	477	sand and gravel		
19	477	490	brown clay and rock		
19	490	523	big gravel and sand		
19	523	531	sand and gravel		
19	531	543	gravel and sand with clay		
19	543	555	sandstone		
19	555	560	gravel and sand		

Completed Depth (Measurable): 455Date Started: 6/1/2015Date Completed: 9/16/2015

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 Treasure Valley Drilling Co. No. 560*Principal Driller [Signature] Date 9-22-15

*Driller _____ Date _____

*Operator II _____ Date _____

Operator I _____ Date _____

* Signature of Principal Driller and rig operator are required.

Well 1 (East)

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

1. WELL TAG NO. D 0070211

Drilling Permit No. 970455-876512

Water right or injection well # 63-33207

2. OWNER: JR Simplot Company

Name _____

Address PO Box 27

City Boise State Idaho Zip 83707

3. WELL LOCATION:

Twp. 1 North ☒ or South ☐ Rge. 2 East ☒ or West ☐

Sec. 6 1/4 SW 1/4 SW 1/4

Gov't Lot 7 County _____

Lat. 43 44 49 20.894 (Deg. and Decimal minutes)

Long. -116 27 36 10.410 (Deg. and Decimal minutes)

Address of Well Site 150' East of south cole rd

1075' North of Barker Rd City Near Kuna

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

Lot. _____ Blk. _____ Sub. Name _____

4. USE:

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

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
Neat cement	188	0	9yd3	pumped
Neat cement	315	0	11yd3	pumped

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing	Linear	Threaded	Welded
26	0	11	.375	steel	☒	☐	☐	☐
20	+1	176	.375	steel	☒	☐	☐	☒
14	+1	395	.375	steel	☒	☐	☐	☒
					☐	☐	☐	☐

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

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
395	455	40	60	14	ss	.375

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
silica sand	320	455	8400lbs	trimmie

11. FLOWING ARTESIAN:

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

Describe control device plat

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) 290 Static water level (ft) 289

Water temp. (°F) 82 Bottom hole temp. (°F) 82

Describe access port _____

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)
338	2190	4hrs

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
32	0	1	top soil		X
32	1	11	cleachy basalt		
26	11	93	weathered basalt		
26	93	97	red cinders		
26	97	124	black basalt		
26	124	128	red cinders		
26	128	176	hard black basalt		
20	176	186	sand and gravel		
20	186	211	gravel and basalt boulders		
20	211	255	sand and gravel boulders		
20	255	266	cemented gravel		
20	266	290	sand and gravel	X	
20	290	367	clay		
20	367	376	sand		
20	376	460	pea gravel and silty sand		

RECEIVED

DEC 11 2015

WATER RESOURCES

RECEIVED WESTERN REGION

DEC 29 2015

WATER RESOURCES

WESTERN REGION

Completed Depth (Measurable): 455

Date Started: 9/10/2015

Date Completed: 9/30/2015

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 Treasure Valley Drilling

Co. No. 560

Principal Driller _____

Date 9-30-15

Driller _____

Date 11-10-15

Operator II _____

Date _____

Operator I _____

Date 12-10-15

* Signature of Principal Driller and rig operator are required.

Well 2 (West)