Abigail R. Germaine
251 E. Front St., Ste. 300, Boise, ID 83702
T: (208) 343-5454 | E: arg@elamburke.com
www.elamburke.com

April 15, 2026

VIA EMAIL:
commissioners@valleycountyid.gov
boakey@valleycountyid.gov
valleyclerk@valleycountyid.gov
cherrick@valleycountyid.gov
lhunter@valleycountyid.gov

Hard copy to follow:

Valley County Board of County Commissioners
c/o Cynda Herick, Planning and Zoning Director
219 North Main Street
PO Box 1350
Cascade, ID 83611

Re: Additional Information Requested by Board of County Commissioners
Steve Emerson/James Fronk Consulting LLC
SUB 25-18/CUP 25-23 Tripod View – Preliminary Plat

Dear Valley County Board of County Commissioners:

Thank you for your time and consideration of this matter. This letter and accompanying documentation are provided in response to the Valley County Board of County Commissioners' ("Boards") request for additional information made at the February 9, 2026, hearing.

As way of background, Steve and Jonna Emerson, the property owners, and James Fronk Consulting LLC, the representative (collectively "Applicant") are proposing SUB 25-18/CUP 25-23, Tripod View, for a preliminary plat and conditional use permit to build a 12-lot single family residential subdivision ("Application"). The Application proposes lot sizes ranging from 1.8 to 6.2 acres. The lots would be accessed from a new private road onto Dry Buck Road, and right-of-way would be dedicated to Valley County for Dry Buck Road. The Applicant has attempted to cluster the development of these 12 lots into an area that is the least visible to other residents of High Valley and preserves the most acreage for ranching and agricultural operations. If the Applicant

chose not to follow the subdivision/conditional use permit process, the Applicant would be permitted to split this property into nine (9) separate lots relying on lot splits and lot line adjustments. However, utilizing these permissible lot splits would result in a scattered development, greater impacts to adjoining neighborhoods, and less preserved open space and undeveloped land. After months of discussions with Valley County Planning Staff, the Applicant presented this proposal which best aligned with County recommendations. It is important to note that numerous existing subdivisions, similar and larger in size, were previously approved by this Board in the surrounding area of this proposed project.

On November 13, 2025, the Valley County Planning and Zoning Commission ("Commission") moved to approve the Application, however after receiving a second to the motion, the motion failed to pass based on a 2-2 vote ("Decision"). The Applicant filed an Appeal of the Commission's Decision on November 24, 2026, respectfully requesting that the Board reverse the decision by the Commission and approve the Application based on the information in the record. The Board heard the Appeal on January 12, 2026. After considering the information presented, the Board continued the hearing until February 9, 2026. At the February 9, 2026, hearing the Board requested two additional pieces of information from the Applicant before the Board made a decision on the Appeal:

1. The Board requested a third-party hydrology report that addressed the nature of the water table and the likelihood of impacts from this Application to adjacent water users; and

2. An MOU or other written acknowledgement from Gem County outlining Gem County's requests related to this Application.

Following the February 9th hearing, the Applicant worked diligently to obtain a hydrology report addressing the Board's questions. In addition, the Applicant met with Gem County to confirm and finalize Gem County's position and request related to this project. This letter provides both documents and gives context and explanation to the information provided.

1. Third-party Hydrology Report Shows Water Sufficiency and Little to No Connectivity Between Wells.

Attached as Exhibit A to this correspondence is the *Groundwater Assessment for the Tripod Subdivision in the High Valley Area, Valley County, Idaho*, ("Hydrology Report") dated March 23, 2026, by Mr. Dave Tuthill, Ph.D, and prior Idaho Department of Water Resources Director's firm, Idaho Water Engineering, LLC. The Hydrology Report provides a thorough groundwater assessment of the High Valley Area. In summary, the report confirms what the Applicant represented in the Appeal hearing which is that the high variability in elevations of the static water levels and the tops of the aquifers indicate that wells produce from different fracture zones in the granite at many different elevations, "**thus, the chance of well interference between wells is unlikely**." The Hydrology Report also indicates that due to the fractured zones in the granite, water availability is unknown and can vary greatly based on the specific location. The Hydrology Report however does suggest there is sufficient water availability for the proposed use, which is a relatively small amount in nature.

2. ***Gem County Does Not Request Any Improvements or Funding Related to this Application.***

When the Board originally considered this Appeal, there was correspondence from Neal Capps, Gem County Road and Bridge Department Director, indicating that Gem County Road and Bridge was opposed to the Application due to potential traffic impacts to High Valley Road. The Applicant reiterated that they would be more than willing to proportionately share in improvement or mitigation costs related to the project. The Board at the February 9th, hearing requested that the Applicant go back to Gem County and negotiate a resolution to Gem County's concerns. Following the hearing, the Applicant worked diligently to meet with Gem County. Initially, there was some delay because the Applicant was not able to meet with Neal Capps, as he was out of the office for potentially 30 days. However, eventually, the Applicant was able to connect with Jason Brown, Assistant Director, for Gem County Road and Bridge and acting Director in Mr. Capps' absence. In meeting with Mr. Brown, Mr. Brown informed the Applicant that he did not agree with the previous comments provided by Gem County Road and Bridge related to this Application and did not believe that Gem County could, or should, oppose the project or make any requirements of the Applicant without consideration of a larger, all user/participant maintenance plan.

Gem County Road and Bridge was willing to continue the dialogue about maintenance options for High Valley Road, but provided the attached correspondence, see Exhibit B, which states that Gem County does not have jurisdiction over the project, does not oppose the project, understands that traffic increases will be expected, but does not propose any contribution from the Applicant specifically. When delivered, Mr. Brown indicated to Mr. Emerson that the written correspondence had been reviewed and cleared by Gem County legal counsel. Gem County does not require or propose an MOU with the Applicant at this time.

3. ***Other Additional Information.***

The Applicant wishes to be cognizant of the other items the Board addressed at the Appeal hearing, and to also reconfirm the Applicant's commitment to resolving these items.

a. CC&Rs. The Board made clear it was important that the subdivisions CC&Rs address various issues to ensure compliance by future owners and developers. Specifically, the Applicant commits to include provisions in the CC&Rs which address trash disposal, as well as requiring firewise building materials as recommended in the wildland urban interface fire protection plan submitted by the Applicant. The CC&Rs will also include all other fire mitigation practices recommended by the wildland urban interface fire protection plan.

b. Shared Driveway Maintenance Agreement. The Applicant will also require a driveway maintenance agreement which will be executed and agreed to by all owners. The driveway maintenance agreement will be recorded with Valley County.

The Applicant respectfully requests that based on the information provided in the record and supplemented by the attached, and the lack of evidence supporting the Commission's

Decision, the Board grant the Applicant's appeal and approve the Application for the conditional use and subdivision of Tripod View Subdivision.

Sincerely,

ELAM & BURKE
A Professional Association

Abigail R. Germaine

ARG/mse
Attachments

Exhibit A

Idaho Water Engineering
Water Solutions
2918 N. El Rancho Place, Boise ID 83704

Office: (208) 378-1513 Cell: (208) 870-0345 Fax: (888) 538-7703

www.idahowaterengineering.com info@idahowaterengineering.com

Groundwater Assessment for the Tripod Subdivision in the High Valley Area, Valley County, Idaho

Idaho Water Engineering, LLC
Boise, Idaho

Kenneth Neely, Hydrogeologist

March 23, 2026

Description of Tripod Subdivision

This report provides a groundwater assessment as per required by Valley County for the future Tripod Subdivision (Tripod) in the High Valley Area of Valley County. The land for the Tripod subdivision is owned by Steven Emerson. Tripod is to consist of 12 lots, with each being about three acres (Figure 1). Tripod is located in the southern half of the northeast quarter of Section 13, Township 10 North, Range 2 East (Figure 2). The tax parcel for the property is RP10N02E130606.

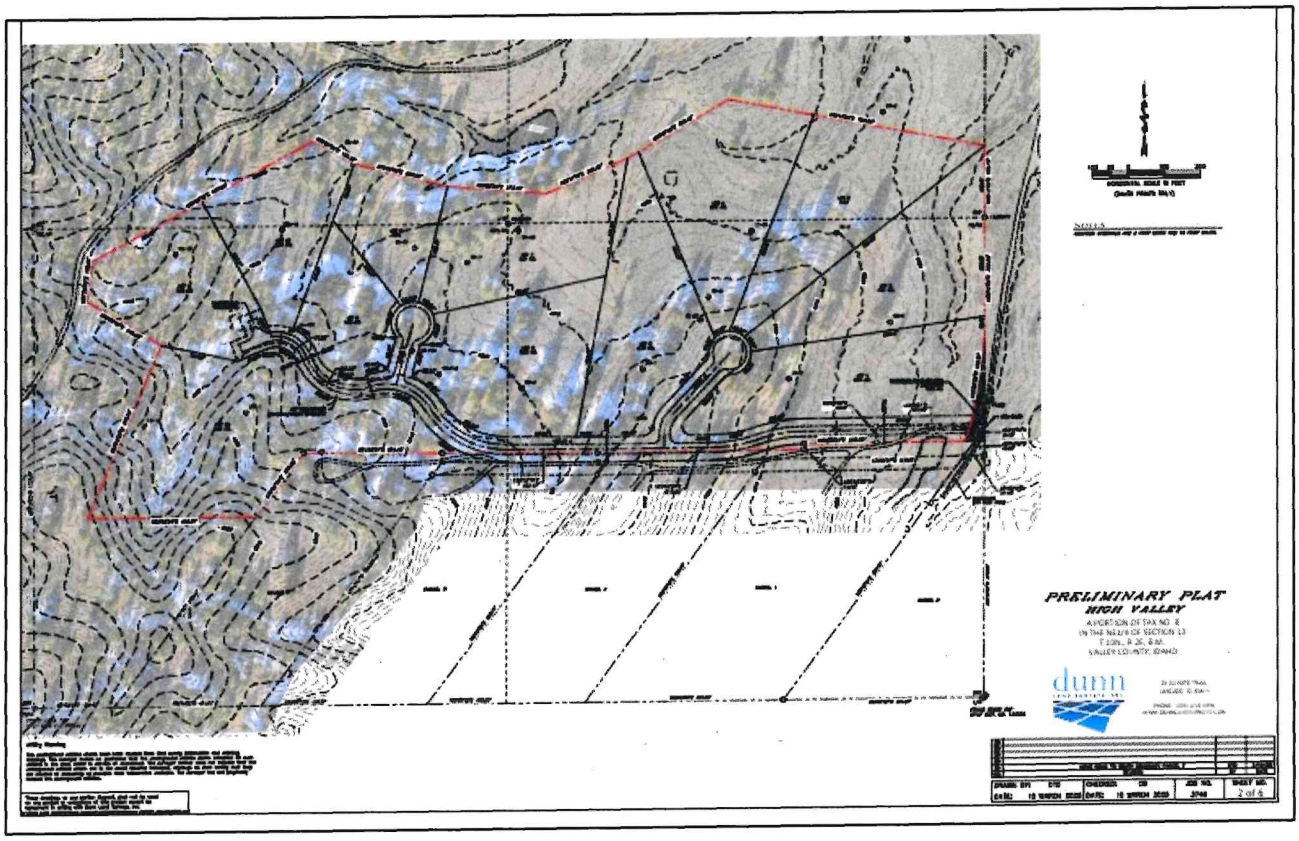


Figure 1. Plat map for the Tripod Subdivision in Valley County, Idaho

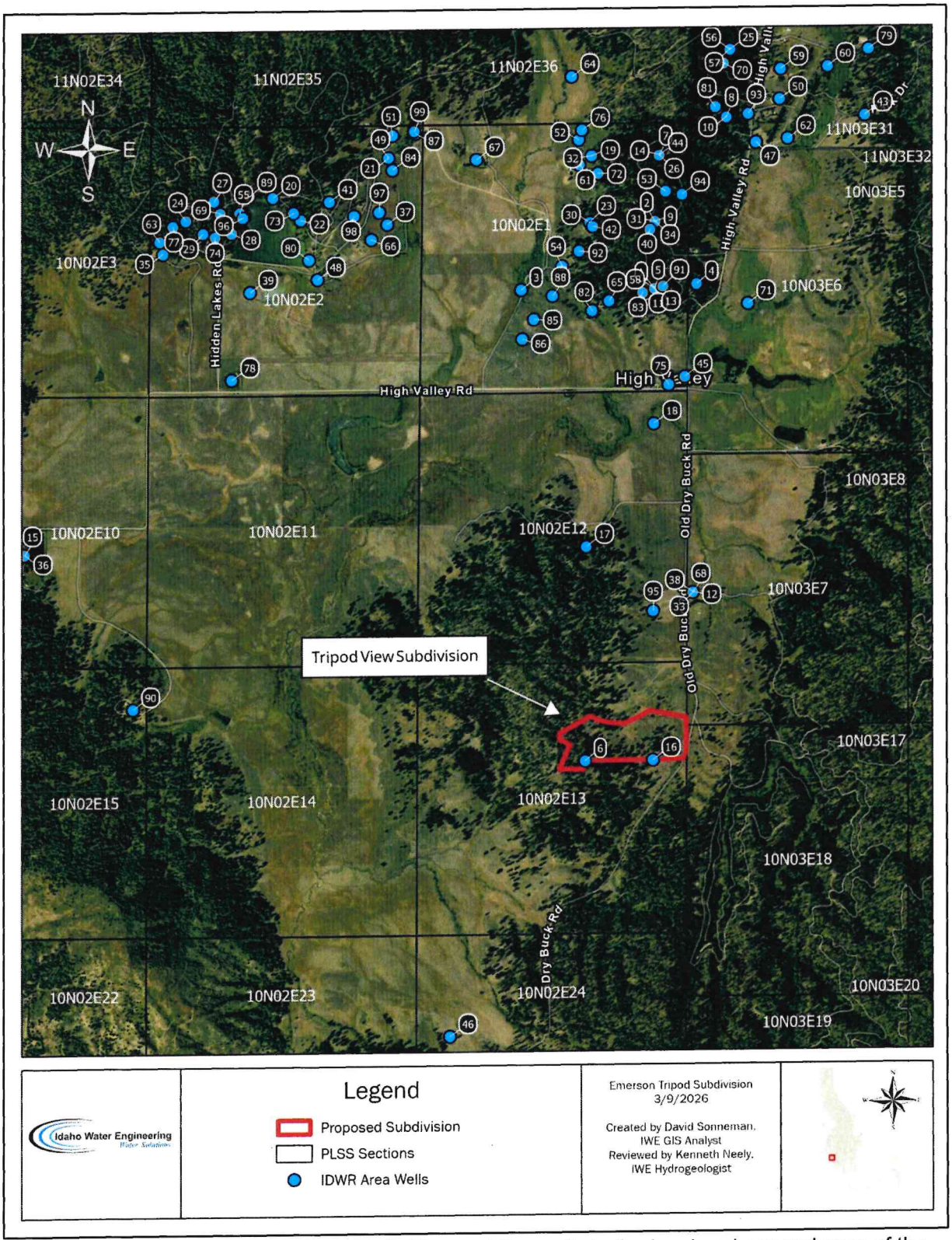


Figure 2. Map showing the Tripod Subdivision and the wells in the local and general area of the subdivision. The well numbering was assigned by Idaho Water Engineering's GIS analyst.

Hydrogeology in the Tripod Area

The geology in the area of Tripod is characterized by the Idaho Batholith, which is a massive igneous rock formation that occurs throughout much of central Idaho. The Idaho Batholith consists entirely of the rock type called granite. Water production rates from the granites of the Idaho Batholith are quite variable, ranging from less than a gallon per minute (gpm) to over 50 gpm. This range in water yields in wells is related to the unpredictable fracturing in the granite rocks. Some wells encounter large and/or multiple fracture systems which can provide higher yields. However, other wells encounter few fractures and their yield is typically very low. In some cases, even yields of only one or two gallons per minute are sufficient for domestic water usage. In other cases, well owners may need to install above-ground storage tanks that can be filled slowly from their low-yield wells.

Proposed Groundwater Use for Tripod

Groundwater for Tripod will be used for domestic purposes for 12 domestic dwelling units (unit), with one unit each on three acre lots. Each lot is to have a well and a septic system. It is anticipated that most of the dwelling units will not be permanently occupied, but will be used primarily on weekends. Virtually all of the groundwater will be used for internal purposes because it is anticipated that there will be no lawns or landscaping that will require watering. The water use will be primarily non-consumptive because most of the water will return to the aquifer through infiltration from the drainfields.

Analysis A. Well Yield Requirements

For this analysis, the following assumptions were made:

1. The average daily use per person is 82 gallons (US EPA Water Sense Facts and Statistics.
2. Each unit will be occupied by 2.5 people (US Census Quick Facts).
3. Each unit will be occupied three days per week.

Flow Rate Calculation For One Dwelling Unit

82 gallons x 2.5 people = 205 gallons (average daily use per unit)
205 gallons x 3 days = 615 gallons (total usage during the 3 days that the unit is used)
615 gallons divided by 4,320 minutes (the number of minutes in 3 days) = 0.14 gallons per minute (gpm).

Even wells with low flow rates like this could keep up with domestic demand, especially if a surface storage tank is added to the water system.

Analysis B. Total Daily Number of Gallons Used By 12 Units in One Day

For this analysis, the following assumptions were made:

1. The average daily use per person is 82 gallons.
2. All 12 units are fully occupied by 2.5 people in each unit.

205 gallons x 12 homes = 2,460 gallons.

This is a very small amount of total usage when we consider that each domestic well is allowed to use 13,000 gallons per day as per Idaho Code.

Analysis of Existing Wells in the Tripod Area

The Idaho Department of Water Resources (IDWR) on-line database is a source for well reports submitted to IDWR by well drillers after the completion of the drilling of each well. Figure 2 shows the wells that are in the vicinity of the proposed Tripod Subdivision (i.e., the 10 wells that are south of High Valley Road and are within 1.25 miles of Tripod). Figure 2 also shows the wells that are north of High Valley Road, which are at distances greater than 1.25 miles from Tripod. Seven of the wells north of High Valley Road were examined for this study.

Table 1 lists the key attributes for each of the 17 domestic wells based on information on the well reports. The attributes are highly variable, which is typical for wells drilled in granitic rocks that are dependent on encountering unpredictable fracture zones. The well depths range of 116 feet (ft) to 410 ft. Discharge rates range from 1 gpm to 55 gpm, with the majority of well yield rates being 5 gpm or less. The depth to the top of the aquifer ranges from 54 ft to 242 ft.

Table 2 lists the elevation data for the wells. This data includes Land Surface Elevation, Top of Aquifer Elevation, and Static Water Level Elevation. It is critical to compare elevations that have been reference to sea level in order to accurately determine if the wells are producing from separate non-connected zones or from hydrologically connected zones.

Figure 3 shows that the Land Surface Elevations are higher in the immediate area of Tripod (Wells 6 and 16) and at Well 46 to the south, and at Well 95 to the north, than they are at the other 13 wells. The Static Water Level Elevations (SWLE) are mostly a short distance beneath land surface, and are higher in the Tripod area wells than they are in most of the other wells. Overall, the SWLE are quite variable.

The most variable hydrogeological attribute is the Top of Aquifer Elevations (TAE). Figure 3 shows the wide range of elevations, especially in Wells 6, 16, 95, 12 and 46, which are all south of High Valley Road. Wells 6, 16 and 95 encountered water zones at about the 4,850 feet above sea level elevation. However, Wells 6 and 16 were drilled deeper to search for additional water zones, which were found, but were at significantly different elevations.

The TAE variability indicates that there are different producing zones throughout the study area. This coincides with the variability in the Static Water Level Elevations. Together, they indicate that the producing zones in the granite are dominated by fracture systems that are either completely independent of each other, or are very poorly hydrologically connected.

The well reports for the 10 wells south of High Valley Road are in Appendix A. The well reports for the seven wells north of High Valley Road that were examined are in Appendix B.

Table 1. Attributes for the 17 wells used for the groundwater analysis for the Tripod Subdivision. The first 10 wells (highlighted in yellow) are located south of High Valley Road; the other seven wells are located north of High Valley Road. Wells are shown in Figure 2, and Well Reports are listed in Appendices A and B.

Owner (on well report)	Construction Date	Well Number on Figure 2	Well Tag Number	Total Depth (feet)	Discharge (gpm)	Depth to Top of Aquifer (feet below land surface) [2]	Static Water Level (feet below land surface)
David Bunnell	8-3-1998	6	D0007417	280	1	122, 242	8
Susan and Steve Brown	8-19-1989	16	None	280	1	50, 95	28
Tony Manuel	6-11-2025	95	D0107821	260	3.5	63	14
US Forest Service	7-25-1994	12	None	246	13	65, 185	25
US Forest Service	11-9-1978	33	None	157	3.5	3, 74	NA
US Forest Service[1]	9-3-2003	38	None	158	NA	NA	12
US Forest Service	7/1/1968	68	None	100	25	39, 57	12
Roger Beal	6/28/1988	17	None	240	2	120	15
Dorothy Beal	6/26/1988	18	None	98	10	60, 93	14
Allen Sutton	10/15/1984	46	None	410	5	140, 380	30
Mary Lee Blackford	7/10/2015	75	D0069142	205	4	54	14
Steve McPeters	7/2/1985	45	None	240	3	120, 160	20
Cathleen Spears Thompson	6/30/2021	86	D0087193	205	6	63	23
Mike Larson	6/17/2021	85	D0090029	233	5	128	26
Warren Budell	7/1/2019	78	D0082853	116	55	8, 100	1
Tom Weston	7/6/2006	48	D0056756	172	12	18, 135	7.5
Chuck Dollar	8/11/2008	66	D0052974	238	4	70, 160	6

gpm = Gallons per minute

[1] This is a report for a well abandonment which probably goes to Well Number 33.

[2] In some wells, two water zones were noted in the well reports.

Table 2. Land Surface Elevations, and Elevations for the Top of Aquifer and the Static Water Levels for the 17 wells used for the groundwater analysis for the Tripod Subdivision.

Well Number on Figure 2	Land Surface Elevation (feet above Sea Level)	Depth to Top of Aquifer (feet below land surface)	Elevation of Top of Aquifer (feet below land surface)	Static Water Level (feet below land surface)	Elevation of Static Water Level (feet above Sea Level)
6	4975	122, 242	4853, 4733	8	4967
16	4918	50, 95	4868, 4823	28	4890
95	4919	63	4856	14	4905
12	4875	65, 185	4810, 4690	25	4850
33	4875	3, 74	4872, 4801	NA	NA
38	4875	NA	NA	12	4863
68	4875	39, 57	4836, 4818	12	4863
17	4900	120	4780	15	4885
18	4870	60, 93	4810, 4777	14	4856
46	4970	140, 380	4830, 4590	30	4940
75	4870	54	4816	14	4856
45	4870	120, 160	4750, 4710	20	4850
86	4875	63	4812	23	4853
85	4875	128	4747, 4665	26	4849
78	4875	8, 100	4867, 4775	1	4874
48	4875	18, 135	4857, 4740	7.5	4867.5
66	4850	70, 160	4780, 4690	6	4844

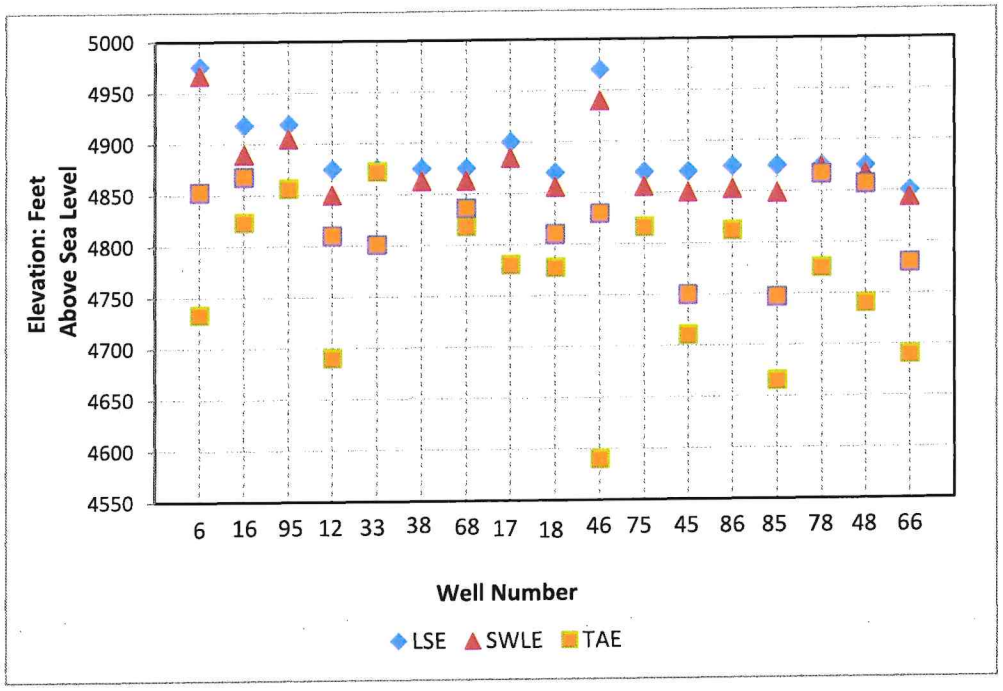


Figure 3. Graph showing the relationships between Land Surface Elevation (LSE), Static Water Level Elevation SWLE, and Top of Aquifer Elevation (TAE) for 17 wells in the Tripod Area.

Conclusions

This investigation finds the following facts for the projected groundwater usage at the proposed Tripod Subdivision

1. The discharge rates from each of the 12 new wells will be low (less than 0.2 gallons per minute) because of intermittent usage, which is to be for internal domestic purposes only.
2. The daily water withdrawal from each well is to be low, in the range of about 200 gallons. If all 12 wells are in use on a single day, the total withdrawal is estimated to be less than 2,500 gallons. This is a very small amount of groundwater usage for 12 wells.
3. The high variability in the elevations for static water levels and the tops of the aquifers indicates that wells produce from different fracture zones in the granite at many different elevations. Thus, the chance of well interference between wells is unlikely.
4. The wells north of High Valley Road are extremely unlikely to be impacted by the new Tripod wells because of 1) their large distances (1.5 to 2 miles) from the subdivision, 2) they are producing from different fracture zones, and 3) the groundwater discharge rates from the 12 new wells are going to be very low.
5. Wells 6 and 16 have the highest chance of being impacted by the 12 new wells because they are on the southern boundary of the subdivision. However, based on the analysis showing great variability in static water levels and top of aquifer elevations for the deeper water zones, it is obvious that these two wells encountered independent fracture zones, even though the wells are fairly close to each other. Thus, the 12 new wells may encounter fracture zones that were not encountered by Wells 6 and 16. This is common in fractured granitic groundwater systems.
6. A potential concern is that Wells 6 and 16 have reported yields of only 1 gpm. The new wells may discover similar or even lower yields. Then again, because of the unpredictable nature of granitic aquifers, they may encounter higher yields

References

US EPA Water Sense Facts and Statistics Statistics and Facts | US EPA

US Census Quick Facts U.S. Census Bureau QuickFacts: United States

Appendix A. Well driller reports for 10 wells south of High Valley Road as shown on Figure 2.

Form 238-7
11/97

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

67802

Office Use Only
Inspected by _____
Twp ____ Rge ____ Sec ____
____ 1/4 ____ 1/4 ____ 1/4
Lat: : : Long: : :

1. WELL TAG NO. D 000 7417
DRILLING PERMIT NO. 25-98-W 0219-000
Other IDWR No.

2. OWNER:
Name DAVID BUNNELL
Address 5489 CITADEL WAY
City Boise State Id. Zip 83703

3. LOCATION OF WELL by legal description:
Sketch map location must agree with written location.

Twp. 10 North ☒ or South ☐
Rge. 2 East ☒ or West ☐
Sec. 13, ____ 1/4 SW 1/4 NE 1/4
Gov't Lot ____ County VALLEY
Lat: 44 : 12 : 170 Long: 116 : 09 : 481
Address of Well Site
City CASCADE
(Give at least name of road + Distance to Road or Landmark)
Lt. ____ Blk. ____ Sub. ____ Name

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

5. TYPE OF WORK check all that apply (Replacement etc.)
☒ New Well ☐ Modify ☐ Abandonment ☐ Other

6. DRILL METHOD
☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other

7. SEALING PROCEDURES

SEAL/FILTER PACK Material	From	To	AMOUNT Sacks or Pounds	METHOD
CEMENT GROUT	19	3	3 SACKS	SEAL DEPTH
BENTONITE CHIPS	3	0	1 SACK	PLACED FROM TOP
8-12 COLORADO SAND	90	278	1,900 LBS	DOWN

Was drive shoe used? ☐Y ☒ N Shoe Depth(s)
Was drive shoe seal tested? ☐ Y ☒ N How?

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6	+1	19	.250	STEEL	☒	☐	☐	☐
4	-7	101	160	PVC	☐	☒	☒	☐
4	141	221	160	PVC	☐	☒	☒	☐
4	261	281	160	PVC	☐	☒	☒	☐

Length of Headpipe ____ Length of Tailpipe

9. PERFORATIONS/SCREENS
Perforations Method
Screens Screen Type SAWED PVC

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
101	141	.020		4	PVC	☐	☒
221	261	.020		4	PVC	☐	☒
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
8 ft. below ground Artesian pressure ____ lb.
Depth flow encountered ____ ft. Describe access port or control devices: SANITARY WELL SEAL

11. WELL TESTS:
☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
1		280	1 HR.

Water Temp. 50° Bottom hole temp. 50°
Water Quality test or comments: good
Depth first Water Encounter 125

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water Y	Water N
10	0	3	TOP SOIL		X
10	3	15	BROWN SANDY CLAY		X
10	15	19	BROWN DECOMPOSED GRANITE		X
6	19	27	BROWN DECOMPOSED GRANITE		X
6	27	42	med. HARD GRAY GRANITE		X
6	42	61	BROWN DECOMPOSED GRANITE		X
6	61	66	med. HARD GRAY GRANITE		X
6	66	77	SOFT BROWN GRANITE		X
6	77	88	med. HARD GRAY GRANITE		X
6	88	92	med. HARD GRAY GRANITE W/ FRACT.		X
6	92	99	med. HARD GRAY + BROWN GRANITE		X
6	99	110	med. HARD BROWN GRANITE W/ FRACT.		X
6	110	122	HARD GRAY GRANITE		X
6	122	125	med HARD BROWN FRACT. GRANITE	½ gpm	
6	125	158	Med Hard BROWN GRANITE W/ FRACT.		X
6	158	172	med HARD BROWN GRANITE		X
6	172	191	med. HARD BROWN GRANITE W/ FRACT.		X
6	191	195	SOFT BROWN GRANITE		X
6	195	198	HARD GRAY GRANITE		X
6	198	205	med HARD GRAY + BROWN		X
6	205	242	HARD GRAY GRANITE		X
6	242	250	Med HARD BROWN FRACT. GRANITE	1 gpm	
6	250	280	HARD GRAY GRANITE		X

RECEIVED RECEIVED
SEP 0 9 1998 SEP 0 1 1998
MICROFILMED
Department of Water Resources WESTERN REGION
NOV 0 4 1998

Completed Depth 278 (Measurable)
Date: Started 7-30-98 Completed 8-3-98

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

Company Name GESTRIN WELL DRILLING INC. Firm No. 408
Firm Official Robert W. Gestrin Date 8-8-98
and
Driller or Operator ____ Date ____
(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

Well Number 6 on Figure 2.

Form 238-7
9/82

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

USE TYPEWRITER OR BALLPOINT PEN

WELL DRILLER'S REPORT

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

1. WELL OWNER

Name Susan & Steve Brown

Address 3385 Stacy Dr. Boise, Id.

Owner's Permit No. 65-89-E-67-000

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

3. PROPOSED USE

☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other _____ (specify type)

4. METHOD DRILLED

☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary
☐ Cable ☐ Dug ☐ Other _____

5. WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☒ Other PVC

Thickness	Diameter	From	To
.250 inches	6 inches	1 feet	84 feet
.165 inches	4½ inches	-5 feet	160 feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

Was casing drive shoe used? ☐ Yes ☒ No
Was a packer or seal used? ☐ Yes ☒ No
Perforated? ☒ Yes ☐ No SAW
How perforated? ☐ Factory ☐ Knife ☐ Torch
Size of perforation ⅛ inches by 4 inches

Number		From	To
400	perforations	5 feet	140 feet
_____	perforations	_____ feet	_____ feet
_____	perforations	_____ feet	_____ feet

Well screen installed? ☐ Yes ☒ No
Manufacturer's name _____
Type _____ Model No. _____
Diameter ____ Slot size ____ Set from ____ feet to ____ feet
Diameter ____ Slot size ____ Set from ____ feet to ____ feet
Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____
Placed from _____ feet to _____ feet
Surface seal depth 79 Material used in seal: ☐ Cement grout
☒ Bentonite ☐ Puddling clay ☐ _____
Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing
☒ Overbore to seal depth
Method of joining casing: ☐ Threaded ☒ Welded ☒ Solvent Weld
☐ Cemented between strata
Describe access port Sanitary Well Seal

6. LOCATION OF WELL

Sketch map location must agree with written location.

N / W / E / S, 13

Subdivision Name _____
Lot No. _____ Block No. _____

County Valley

SE ¼ NE ¼ Sec. 13, T. 10N N/S, R. 2E E/W.

7. WATER LEVEL

Static water level 28 feet below land surface.
Flowing? ☐ Yes ☒ No G.P.M. flow _____
Artesian closed-in pressure _____ p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature ____ °F. Quality good
Describe artesian or temperature zones below.

8. WELL TEST DATA

☐ Pump ☐ Bailer ☒ Air ☐ Other _____

Discharge G.P.M.	Pumping Level	Hours Pumped
1	140	1

9. LITHOLOGIC LOG 022389

Bore Diam.	Depth From	Depth To	Material	Water Yes	Water No
9	0	2	Top Soil		X
9	2	5	Brown Sandy Clay		X
9	5	50	Brown Decomposed Granite		X
9	50	53	Broken Muddy Granite	X	
9	53	79	Brown Decomposed Granite		X
6	79	84	Brown Decomposed Granite		X
6	84	95	Gray Decomposed Granite		X
6	95	131	Soft Decomposed Granite	S	
6	131	153	Brown Clay		X
6	153	175	Brown Decomposed Granite	S	
6	175	280	Gray Decomposed Granite	S	

NOV 9 1990
Department of Water Resources
Western Regional Office

RECEIVED
SEP 11 1989
Department of Water Resources
Eastern District Office

10. Work started 8-14-89 finished 8-19-89

11. DRILLERS CERTIFICATION

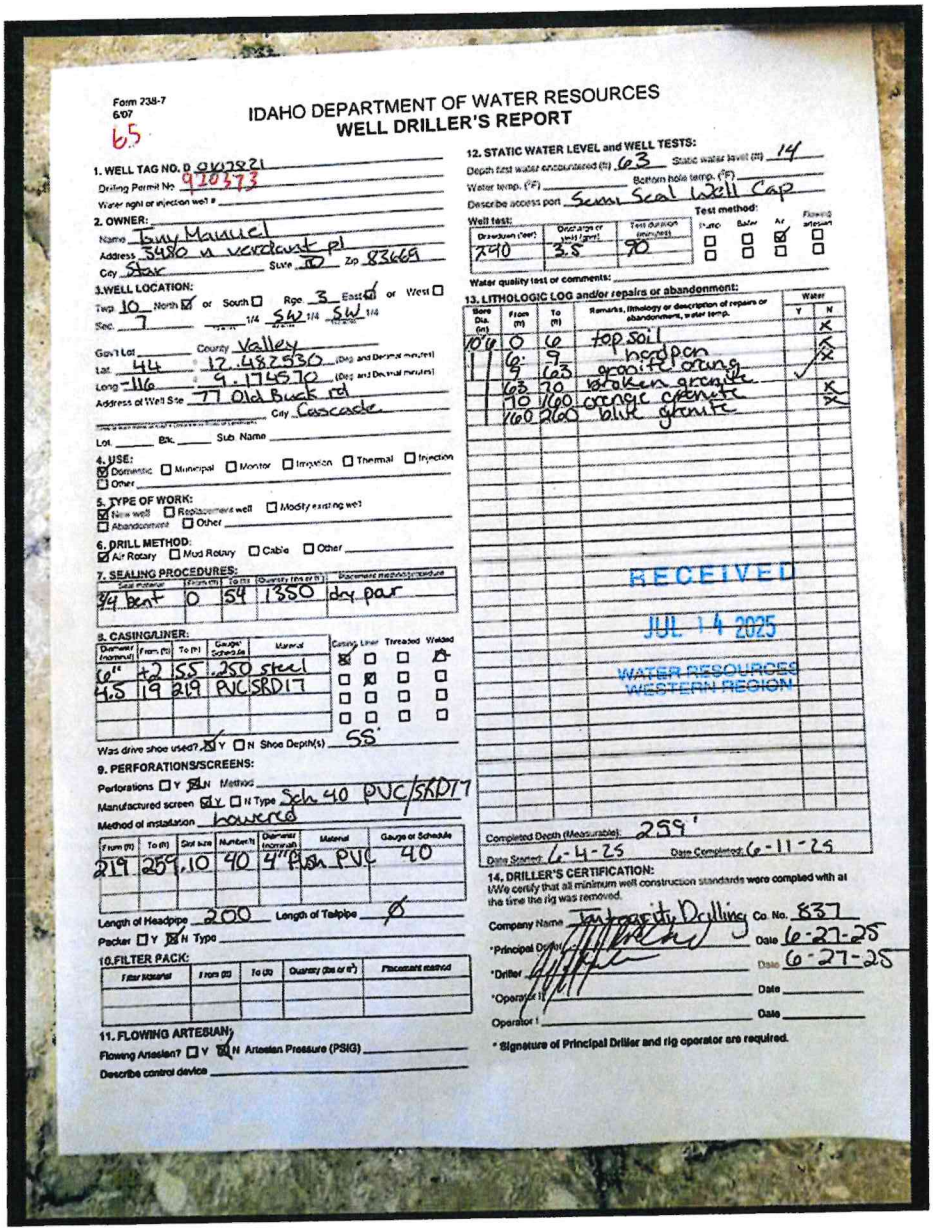
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name Eastern Idaho Water Well Drilling Firm No. 408
Address HC 38 Box 10 Oakley Date 8-19-89
Signed by (Firm Official) Robert E. Slaton
and
(Operator) Robert E. Slaton

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

JUN 20 1991

Well Number 16 on Figure 2.



Form 738-7
6/07

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

6.5

1. WELL TAG NO. D 0117821
Drilling Permit No 910373
Water right or injection well #

2. OWNER:
Name Tony Manuel
Address 3480 N verdant pl
City Star State ID Zip 83669

3. WELL LOCATION:
Twp 10 North ☑ or South ☐ Rge 3 East ☑ or West ☐
Sec 7 1/4 SW 1/4 SW 1/4
Gov't Lot County Valley
Lat 44 12.482530 (Deg and Decimal minutes)
Long -116 9.174670 (Deg and Decimal minutes)
Address of Well Site 77 Old Buck rd City Cascade
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 ft³)	Placement method/procedure
3/4 bent	0	54	1350	dry pour

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/ Schedule	Material	Casing	Liner	Threaded	Welded
6"	+2	55	.250	steel	☑	☐	☐	☑
4.5	19	219	PVC	SRD17	☐	☑	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Was drive shoe used? ☑ Y ☐ N Shoe Depth(s) 55'

9. PERFORATIONS/SCREENS:
Perforations ☐ Y ☒ N Method
Manufactured screen ☑ Y ☐ N Type Sch 40 PVC/SRD17
Method of installation louvered

From (ft)	To (ft)	Slot size	Number	Diameter (nominal)	Material	Gauge or Schedule
219	259	.10	40	4"	Sch PVC	40

Length of Headpipe 200 Length of Tailpipe 0
Packer ☐ Y ☒ N Type

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft³)	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) 63 Static water level (ft) 14
Water temp. (°F) Bottom hole temp. (°F)
Describe access port Screw Seal Well Cap

Well test:

Drawdown (feet)	Discharge (gpm)	Test duration (minutes)	Test method: Pump	Bailer	Air ☑	Flowing artesian
240	3.5	90	☐	☐	☐	☐

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	Water N
10	0	6	top soil		X
11	6	9	hardpan		X
	9	63	granite crumbly	✓	
	63	70	broken granite		X
	70	160	orange granite		X
	160	260	blue granite		

RECEIVED
JUL 14 2025
WATER RESOURCES
WESTERN REGION

Completed Depth (Measurable): 259'
Date Started: 6-4-25 Date Completed: 6-11-25

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 Intermountain Drilling Co. No. 837
*Principal Driller Date 6-27-25
*Driller Date 6-27-25
*Operator II Date
Operator I Date
* Signature of Principal Driller and rig operator are required.

Well Number 95 on Figure 2.

Form 238-7
6/89

C

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Use Typewriter or Ball Point Pen

RECEIVED
SEP 7 1994
Department of Water Resources

55643

1. DRILLING PERMIT NO. 65-94-C-0260-000
Other IDWR No.

2. OWNER:
Name US Forest Service
Address 1750 Front St.
City Boise IDA State Zip 83702

3. LOCATION OF WELL by legal description:
Sketch map location must agree with written location.

N / W / E / S

T. 10 North ☑ or South ☐
R. 3 East ☑ or West ☐
Sec. 7 1/4 NW (10 acres) 1/4 (40 acres) SW (160 acres) 1/4
Gov't Lot ____ County Gem

Address of Well Site High Valley Guard Station
(Give at least Direction + Distance to Road or Landmark)
Lot No. ____ Block No. ____ Subd. Name ____

4. PROPOSED USE:
☑ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other ____

5. TYPE OF WORK
☑ New Well ☐ Modify or Repair ☐ Replacement ☐ Abandonment

6. DRILL METHOD
☐ Mud Rotary ☑ Air Rotary ☐ Cable ☐ Other ____

7. SEALING PROCEDURES

SEAL/FILTER PACK Material	From	To	AMOUNT Sacks or Pounds	METHOD
Bentonite	0	26	350	Slurry

Was drive shoe seal tested? YES NO How? Hydrostatic Pressure

8. CASING/LINER:

Diameter	From	To	Guage	Casting	Liner	Steel	Plastic	Welded	Threaded
10	0	19	.32			☑	☐	☑	☐
8	0	26	.32			☐	☐	☑	☐
5	0	240	Sch. 40			☐	☑	☐	☐
						☐	☐	☐	☐

Final location of shoes 26
Top Packer or Headpipe — Bottom Tailpipe —

9. PERFORATIONS/SCREENS
☐ Perforations Method
☑ Screens Type Slotted Material PVC

From	To	Slot Size	Number	Diameter	Tele/Pipe Size	Casting	Liner
220	240	1/4	160	5	—	☐	☑
						☐	☐
						☐	☐
						☐	☐

10. WELL TESTS: ☑ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Depth	Time
13	89'	125	1 hr.

Temperature of water 49 Was a water analysis done? Yes ☑ No ☐
By whom? USFS
Water Quality (odor, etc.) Clear - No odor
Bottom Hole Temperature —

11. STATIC WATER LEVEL:
25 ft. below surface Depth artesian flow found —
Artesian pressure — lb. Describe access port —
Describe Controlling Devices: —

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	GPM	SWL
12	0	5	Black silty clay		
12	5	20	Silt & coarse sand		
10	20	22	weathered granite		
8	22	65	granite no fractures		
8	65	85	granite some fractures	2	31
8	85	105	decomposed granite		
8	105	115	Silt lenses, sticky		
8	115	145	decomposed granite		
8	145	165	granite seamy		
8	165	185	hard granite		
8	185	204	decomposed granite	13	25
8	204	210	fractured granite		
8	210	240	hard granite		

RECEIVED
SEP 14 1994
WATER RESOURCES
WESTERN REGION

RECEIVED
SEP 12 1994

MAY 08 1995

Date: Started 7/11/94 Completed 7/25/94

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

Firm Name Robert P Jones Firm No. 453
Firm Official Robert P Jones Date 7/30/94
and
Supervisor or Operator ____ Date ____
(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

Well Number 12 on Figure 2.

Form 238-7
1/73

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

USE TYPEWRITER OR BALLPOINT PEN

WELL DRILLER'S REPORT

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

1. WELL OWNER

Name Forest Service

Address 1075 Park Blvd. Boise

Owner's Permit No. _____

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe method of abandoning) _____

3. PROPOSED USE

☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other _____ (specify type)

4. METHOD DRILLED

☐ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary
☒ Cable ☐ Dug ☐ Other _____

5. WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____

Thickness		Diameter		From		To	
.332	inches	8	inches +	6"	feet	59'2"	feet
.250	inches	6	inches	1'6"	feet	128'7"	feet
.250	inches	5	inches	121'5"	feet	157	feet
	inches		inches		feet		feet

Was casing drive shoe used? ☐ Yes ☒ No
Was a packer or seal used? ☐ Yes ☒ No
Perforated? ☒ Yes ☐ No
How perforated? ☒ Factory ☐ Knife ☐ Torch
Size of perforation 1/8 inches by 3 inches

Number		From		To	
280	perforations	58	feet	108	feet
120	perforations	132	feet	152	feet
	perforations		feet		feet

Well screen installed? ☐ Yes ☒ No
Manufacturer's name _____
Type _____ Model No. _____
Diameter ___ Slot size ___ Set from ___ feet to ___ feet
Diameter ___ Slot size ___ Set from ___ feet to ___ feet
Gravel packed? ☒ Yes ☐ No ☐ Size of gravel 3/8 minus
Placed from 50 feet to 128'7" feet
Surface seal depth 59 Material used in seal: ☐ Cement grout ☒ Puddling clay ☒ Well cuttings
Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing ☒ Overbore to seal depth
Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent Weld ☐ Cemented between strata
Describe access port _____

6. LOCATION OF WELL

Sketch map location must agree with written location.

N / W / E / S

Subdivision Name High Valley

Lot No. _____ Block No. _____

12 miles N. of Banks

County Valley County

NW ¼ SW ¼ Sec. 7 T. 10 N/S R. 3 E/W

7. WATER LEVEL

Static water level 4 feet below land surface.
Flowing? ☐ Yes ☒ No G.P.M. flow _____
Artesian closed-in pressure _____ p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature ____ °F. Quality _____

8. WELL TEST DATA

☒ Pump ☐ Bailer ☐ Air ☐ Other _____

Discharge G.P.M.	Pumping Level	Hours Pumped
3.5	95	7

9. LITHOLOGIC LOG

Hole Diam.	Depth From	Depth To	Material	Water Yes	Water No
	0	3	topsoil		X
	3	36	dark bluish-brown muddy sand & streaks of clay	X	
	36	58	blue decomposed granite		X
	58	74	hard bluish grey granite		X
	74	80	fine to coarse muddy sand	X	
	80	82	very hard grey granite		X
	82	157	decomposed granite & some hard streaks		X
			60' of 8" casing was used to seal off surface water & muddy fine sand water		
			very slow yailding formations		

ml

10.

Work started 11/1/78 finished 11/9/78

11. DRILLERS CERTIFICATION

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

Firm Name N.E. Stevens & Sons Firm No. 153
Address 3709 Hawthorne Drive Date 11/14/78
Signed by (Firm Official) _____
and
(Operator) _____

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

Well Number 33 on Figure 2.

Form 238(4)-2
9/6/96 (LDT)

RECEIVED
SEP 03 2003
WATER RESOURCES
WESTERN REGION

RECEIVED
AUG 26 2003
WATER RESOURCES
WESTERN REGION

ID Number 87 8974 806552

State of Idaho
Department of Water Resources

APPLICATION FOR REPAIR ( ) OR ABANDONMENT (X) OF A WELL

1. **LEGAL CONTACT** (Owner or Operator)
Date: 8-20-03
Name: U.S. Forest Service Phone Number
Mailing Address: 1249 S. Vinnel Way
City: Boise State Id Zip Code 83709

2. **WELL LOCATION**
Township 10 N, Range 3 E, Section 7, 1/4 1/4 1/4
Gov't Lot No. 3 County Valley
Street Address of Well Site: High Valley Road 12 mile S. of Bank City
Lot , Block , Subdivision Name High Valley Ranger Station

3. **TYPE OF WELL**
(X) DOMESTIC: Water used for homes, organization camps, public campgrounds, livestock (1,000 head or less) 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.

NON-DOMESTIC: [ ] Irrigation [ ] Municipal [ ] Industrial
[ ] Stock (Over 1,000 head) [ ] Test [ ] Other (Describe)

( ) INJECTION
( ) MONITORING

4. **WELL SPECIFICATIONS**
Previous Drilling Permit Number - - - -
Water Right Number -
Well Log on File? (X) Yes ( ) No
Casing Size: 8" Material: Steel Temperature:
Casing Height Above Ground: -2'
Flowing Artesian? ( ) Yes (X) No
Static Water Level: 12' (Measured) Well Depth: 158' (Measured)
Remarks:

Well Number 38 on Figure 2.

REPORT OF WELL DRILLER
State of Idaho

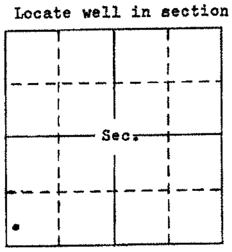
Received 1-23-68 Dept of Reclamation 30

State law requires that this report shall be filed with the State Reclamation Engineer within 30 days after completion or abandonment of the well.

WELL OWNER:
Name: Forest Service
Address: High Valley.

Owner's Permit No. —
NATURE OF WORK (check): Replacement well [ ] New well [✓] Deepened [ ] Abandoned [ ]
Water is to be used for: Domestic
METHOD OF CONSTRUCTION: Rotary [ ] Cable [✓] Dug [ ] Other ______ (explain)
CASING SCHEDULE: Threaded — Welded ✓
10 "Diam. from 0 ft. to 39 ft.
8 "Diam. from 0 ft. to 100 ft.
___ "Diam. from ___ ft. to ___ ft.
___ "Diam. from ___ ft. to ___ ft.
Thickness of casing: .250 Material:
Steel [✓] concrete [ ] wood [ ] other [ ]
______ (explain)
PERFORATED? Yes [ ] No [✓] Type of perforator used: ______
Size of perforations: ___ " by ___ "
___ perforations from ___ ft. to ___ ft.
___ perforations from ___ ft. to ___ ft.
___ perforations from ___ ft. to ___ ft.
___ perforations from ___ ft. to ___ ft.
WAS SCREEN INSTALLED? Yes [ ] No [✓]
Manufacturer's name ______
Type ______ Model No. ______
Diam. ___ Slot size ___ Set from ___ ft. to ___ ft.
Diam. ___ Slot size ___ Set from ___ ft. to ___ ft.
CONSTRUCTION: Well gravel packed? Yes [ ] No. [✓] size of gravel ______ Gravel placed from ___ ft. to ___ ft. Surface seal provided? Yes [ ] No [✓] To what depth? ___ ft. Material used in seal: See not.
Did any strata contain unusable water? Yes [✓] No. [ ] Type of water: muddy silt. Depth of strata ___ ft. Method of sealing strata off: ______
Surface casing used? Yes [✓] No. [ ]
Cemented in place? Yes [ ] No [✓]

Locate well in section



LOCATION OF WELL: County ______
SW ¼ SW ¼ Sec. 7 T. 16 (N)/S R. 9 (E)/W

Size of drilled hole: 10" Total depth of well: 100' Standing water level below ground: 12' Temp. for 92 min. Fahr. 52 ° Test delivery: 1500 gpm H or ___ cfs Pump? [ ] Bail [ ]
Size of pump and motor used to make test: then went dry.
Length of time of test: ___ Hrs. ___ Min.
Drawdown: ___ ft. Artesian pressure: ft. above land surface ___ Give flow ___ cfs or ___ gpm. Shutoff pressure: ______
Controlled by: Valve [ ] Cap [ ] Plug [ ] No control [ ] Does well leak around casing? Yes [ ] No [ ]

DEPTH FROM FEET	DEPTH TO FEET	MATERIAL	WATER YES OR NO
0	39.	Sand and Granit Bolders.	No
39	55	muddy sand	yes.
55	57	Bolder.	no
57	75	muddy sand.	yes
75	84	Granit sand.	no.
84	100.	Clay + Granit sand	no

Work started: June 1968
Work finished: July 1968.
Well Driller's Statement: This well was drilled under my supervision and this report is true to the best of my knowledge.
Name: Mossiest Inc.
Address: 2500 W Boise ave
Signed by: Donald S Drake
License No. 4 Date: 7/23/68

USGS

Use other side for additional remarks

There was no seal Because of no water. But was 50 1 ft because they

Well Number 68 on Figure 2.

Form 238-7
9/82

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT

USE TYPEWRITER OR BALLPOINT PEN

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

JUL 27 1988
Department of Water Resources

1. WELL OWNER

Name Roger F. Beab
Address Ola, Id. 83657
Owner's Permit No. 65-88-W-010

2. NATURE OF WORK

☑ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

3. PROPOSED USE

☑ Domestic ☐ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other ______ (specify type)

4. METHOD DRILLED

☑ Rotary ☑ Air ☐ Hydraulic ☐ Reverse rotary
☐ Cable ☐ Dug ☐ Other ______

5. WELL CONSTRUCTION

Casing schedule: ☑ Steel ☐ Concrete ☑ Other P.V.C.

Thickness		Diameter		From		To	
.250	inches	6	inches +	1	feet	19	feet
	inches		inches		feet		feet
PVC	inches	4½	inches	18	feet	240	feet
	inches		inches		feet		feet

Was casing drive shoe used? ☐ Yes ☑ No
Was a packer or seal used? ☐ Yes ☑ No
Perforated? P.V.C. ☑ Yes ☐ No
How perforated? ☐ Factory ☐ Knife ☑ ~~Torch~~ Saw
Size of perforation 1/16 inches by 2 inches

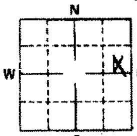
Number		From		To	
#40	perforations	60	feet	240	feet
	perforations		feet		feet
	perforations		feet		feet

Well screen installed? ☐ Yes ☑ No
Manufacturer's name ______
Type ______ Model No. ______
Diameter ___ Slot size ___ Set from ___ feet to ___ feet
Diameter ___ Slot size ___ Set from ___ feet to ___ feet
Gravel packed? ☐ Yes ☑ No ☐ Size of gravel ______
Placed from ______ feet to ______ feet
Surface seal depth 18 Material used in seal: ☐ Cement grout
☐ Bentonite ☑ Puddling clay ☐
Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing ☑ Overbore to seal depth
Method of joining casing: ☐ Threaded ☐ Welded ☑ Solvent Weld
☐ Cemented between strata
Describe access port ______

6. LOCATION OF WELL

Sketch map location **must** agree with written location.

N

W  E

S

Subdivision Name ______
Lot No. ______ Block No. ______

County Valley
SE ¼ NE ¼ Sec. 12, T. 10 N/S, R. 2 E/W.

7. WATER LEVEL

Static water level 15 feet below land surface.
Flowing? ☐ Yes ☑ No G.P.M. flow ______
Artesian closed-in pressure ______ p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature ______ °F. Quality ______
Describe artesian or temperature zones below.

8. WELL TEST DATA

☐ Pump ☐ Bailer ☑ Air ☐ Other ______

Discharge G.P.M.	Pumping Level	Hours Pumped
2	180	1

9. LITHOLOGIC LOG

Bore Diam.	Depth From	Depth To	Material	Water Yes	Water No
9"	0	2	Brown topsoil		✓
9"	2	10	brown clay		✓
9"	10	18	Grey Granite Hard		✓
6"	18	120	" "		✓
6"	120	125	" " soft	✓	
6"	125	240	" " Hard w/soft spots	✓	

AUG - 4 1988
Department of Water Resources

10. Work started 6/26/88 finished 6/28/88

11. DRILLERS CERTIFICATION

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

Firm Name Frank Skinner Well Drilling Firm No. 212
Address Meridian, Id. 83642 Date 7/1/88
Signed by (Firm Official) Frank Skinner
and
(Operator) Frank Skinner

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

Well Number 17 on Figure 2.

Form 238-7
9/82

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT

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

USE TYPEWRITER OR BALLPOINT PEN

JUL 27 1988

Department of Water Resources

1. WELL OWNER
Name Dorthy Bean
Address Ola, Id.
Owner's Permit No. 65-88-MW011

2. NATURE OF WORK
☑ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

3. PROPOSED USE
☑ Domestic ☐ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other _____ (specify type)

4. METHOD DRILLED
☑ Rotary ☑ Air ☐ Hydraulic ☐ Reverse rotary
☐ Cable ☐ Dug ☐ Other _____

5. WELL CONSTRUCTION
Casing schedule: ☑ Steel ☐ Concrete ☐ Other P.V.C.

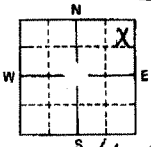
Thickness	Diameter	From	To
250 inches	6 inches	+ 1 feet	19 feet
inches	inches	feet	feet
PVC. inches	4½ inches	18 feet	98 feet
inches	inches	feet	feet

Was casing drive shoe used? ☐ Yes ☑ No
Was a packer or seal used? ☐ Yes ☑ No
Perforated? PVC. ☑ Yes ☐ No
How perforated? ☑ Saw ☐ Knife ☐ Torch
Size of perforation 1/16 inches by 2 inches

Number		From	To
80	perforations	78 feet	98 feet
	perforations	feet	feet
	perforations	feet	feet

Well screen installed? ☐ Yes ☑ No
Manufacturer's name _____
Type _____ Model No. _____
Diameter ____ Slot size ____ Set from ____ feet to ____ feet
Diameter ____ Slot size ____ Set from ____ feet to ____ feet
Gravel packed? ☐ Yes ☑ No ☐ Size of gravel _____
Placed from ____ feet to ____ feet
Surface seal depth 18 Material used in seal: ☐ Cement grout ☐ Bentonite ☑ Puddling clay ☐ _____
Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing ☑ Overbore to seal depth
Method of joining casing: ☐ Threaded ☑ Welded ☑ Solvent Weld ☐ Cemented between strata
Describe access port _____

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



Subdivision Name _____
Lot No. ____ Block No. ____
County Valley
NE ¼ NE ¼ Sec. 12, T. 10 N/S, R. 2 E/W

7. WATER LEVEL
Static water level 14 feet below land surface.
Flowing? ☐ Yes ☑ No G.P.M. flow _____
Artesian closed-in pressure _____ p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature ____ °F. Quality _____
Describe artesian or temperature zones below.

8. WELL TEST DATA
☐ Pump ☐ Bailer ☑ Air ☐ Other _____

Discharge G.P.M.	Pumping Level	Hours Pumped
10	90	2

9. LITHOLOGIC LOG

Bore Diam.	Depth From	Depth To	Material	Water Yes	Water No
9"	0	1	brown Top Soil		✓
9"	1	4	brown Clay		✓
9"	4	18	Grey Granite		✓
6"	18	60	" "	✓	✓
6"	60	61	" "	✓	
6"	61	93	" "		✓
6"	93	94	" "	✓	
6"	94	98	" "		✓

RECEIVED
AUG
Department of Water Resources
Western Region Office
AUG - 3 1988
Department of

10. Work started 6/25/88 finished 6/26/88

11. DRILLERS CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.
Firm Name Frank Skinner Well Drilling Firm No. 212
Address Meridian Id. Date 7/1/88
Signed by (Firm Official) Frank Skinner
and
(Operator) Frank Skinner

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

Well Number 18 on Figure 2.

Form 238-7
9/82

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

USE TYPEWRITER OR BALLPOINT PEN

WELL DRILLER'S REPORT

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

1. WELL OWNER

Name Allen Sutton

Address Ola, Idaho

Owner's Permit No.

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

3. PROPOSED USE

☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other _____ (specify type)

4. METHOD DRILLED

☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary
☐ Cable ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☐ Other

Thickness	Diameter	From	To
.050 inches	6 inches + 2	feet	18'1" feet
inches	inches	feet	feet
inches	inches	feet	feet
inches	inches	feet	feet

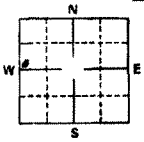
Was casing drive shoe used? ☐ Yes ☒ No
Was a packer or seal used? ☐ Yes ☒ No
Perforated? ☐ Yes ☒ No
How perforated? ☐ Factory ☐ Knife ☐ Torch
Size of perforation ____ inches by ____ inches

Number	From	To
perforations	feet	feet
perforations	feet	feet
perforations	feet	feet

Well screen installed? ☐ Yes ☒ No
Manufacturer's name
Type Model No.
Diameter ___ Slot size ___ Set from ___ feet to ___ feet
Diameter ___ Slot size ___ Set from ___ feet to ___ feet
Gravel packed? ☐ Yes ☒ No ☐ Size of gravel
Placed from ___ feet to ___ feet
Surface seal depth 40 Material used in seal: ☐ Cement grout ☐ Bentonite ☒ Puddling clay ☐
Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing ☒ Overbore to seal depth
Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent Weld ☐ Cemented between strata
Describe access port

6. LOCATION OF WELL

Sketch map location must agree with written location.



Subdivision Name
Lot No. ____ Block No. ____
County Gem
SW ¼ NW ¼ Sec. 24, T. 10 N/S, R. 2 E/W.

7. WATER LEVEL

Static water level 30 feet below land surface.
Flowing? ☐ Yes ☒ No G.P.M. flow
Artesian closed-in pressure ____ p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature ____ °F. Quality
Describe artesian or temperature zones below.

8. WELL TEST DATA

☐ Pump ☐ Bailer ☒ Air ☐ Other

Discharge G.P.M.	Pumping Level	Hours Pumped
5		2

9. LITHOLOGIC LOG 88118

Bore Diam.	Depth From	Depth To	Material	Water Yes	Water No
8	0	4	Clay/some rock		x
8	4	12	broken rock/some clay		x
8	12	40	rock (Rynlite)		x
6	40	65	broken rock/clay seams		x
6	65	140	broken rock	?	
6	140	150	broken rock/clay & sand seams	x	
6	150	380	rock		x
6	380	410	fractured rock	x	

RECEIVED RECEIVED
MAR 10 1986 MAY 14 1985
Department of Water Resources Western Regional Office
Department of Water Resources Western Regional Office

MICROFILMED

RECEIVED RECEIVED
MAY 9 1985 MAR 6 1986
Department of Water Resources
Department of Water Resources

10. Work started 10-15-84 finished 10-15-84

11. DRILLERS CERTIFICATION

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

Firm Name BILL DOTY WELL DRILLING Firm No. 42
Address RT. 7 BX. 311 Caldwell, Idaho 83605 Date 1-14-85
Signed by (Firm Official) Bill Doty
and
(Operator) Bill Doty

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

Well Number 46 on Figure 2.

Appendix B. Well driller reports for seven wells north of High Valley Road as shown on Figure 2.

Form 238-7
6/07

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

US

1. WELL TAG NO. D 0069142
Drilling Permit No. 970078-876135
Water right or injection well #

2. OWNER:
Name MARY Lee BLACKFORD
Address P.O. Box 5
City OLA State Id. Zip 83657

3. WELL LOCATION:
Twp. 10 North ☒ or South ☐ Rge. 2 East ☒ or West ☐
Sec. 1 SE 1/4 SE 1/4 SE 1/4
Gov't Lot ____ County VALLEY
Lat. 44 ° 13.431 (Deg. and Decimal minutes)
Long. 116 ° 09.269 (Deg. and Decimal minutes)
Address of Well Site 798 High Valley Rd.
City CASCADE
(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 ft³)	Placement method/procedure
¼ BENTONITE	0	38	900 Lbs.	TEMP. SURFACE CASING BURIED

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/ Schedule	Material	Casing	Liner	Threaded	Welded
6	+1½	38½	.250	STEEL	☒	☐	☐	☒
4"	-9	45	Sch 40	PVC	☐	☒	☐	SPLICED
4"	105	165	Sch 40	PVC	☐	☒	☐	SPLICED
					☐	☐	☐	☐

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

9. PERFORATIONS/SCREENS:
Perforations ☐ Y ☒ N Method ____
Manufactured screen ☒ Y ☐ N Type SAWED PVC
Method of installation SET IN PLACE

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
45	105	.020		4"	PVC	Sch. 40
165	205	.020		4"	PVC	Sch. 40

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

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft³)	Placement method
6-12 OREGON SAND	43	205'	1,900 Lbs	POURED

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) 54 Static water level (ft) 15
Water temp. (°F) 48 Bottom hole temp. (°F) ____
Describe access port SANITARY WELL SEAL

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)
190	4	120

Test method: Pump ☐ Bailer ☐ Air ☒ Flowing artesian ☐

Water quality test or comments: GOOD

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	Water N
11	0	3	TOP SOIL		X
11	3	12	BROWN SAND + PEA GRAVEL	X See Page	
11	12	15	BROWN CLAY		X
11	15	26	BROWN SAND + CLAY		X
11	26	28	BROWN GRANITE		X
10	28	34	GRAY GRANITE		X
10	34	38	med. HARD BROWN GRANITE		X
6	38	54	med. HARD BROWN GRANITE		X
6	54	56	BROWN + GRAY FRAT. GRANITE 4 GPM		
6	56	88	med. HARD GRAY GRANITE		X
6	88	106	med. HARD BROWN GRANITE		X
6	106	130	SOFTER BROWN GRANITE		X
6	130	164	med. HARD GRAY GRANITE		X
6	164	183	HARD GRAY GRANITE		X
6	183	188	SOFTER BROWN GRANITE		X
6	188	205	HARD GRAY GRANITE		X

RECEIVED
AUG 21 2015
WATER RESOURCES
WESTERN REGION

Completed Depth (Measurable): 205'
Date Started: 7-27-15 Date Completed: 7-30-15

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 GOSTRIN WELL DRILLING Co. No. 408
*Principal Driller Robert W. Gostrin Date 8-8-15
*Driller Robert W. Gostrin Date 8-8-15
*Operator II ____ Date ____
Operator I ____ Date ____

* Signature of Principal Driller and rig operator are required.

Well Number 75 on Figure 2.

Form 238-7
9/82

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

USE TYPEWRITER OR BALLPOINT PEN

WELL DRILLER'S REPORT

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

1. WELL OWNER

Name Steve McPeters

Address Boise, Idaho

Owner's Permit No. _____

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

3. PROPOSED USE

☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other _____ (specify type)

4. METHOD DRILLED

☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary
☐ Cable ☐ Dug ☐ Other _____

5. WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____

Thickness	Diameter	From	To
.250 inches	6 inches	+ 1 feet	19'4" feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

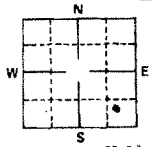
Was casing drive shoe used? ☒ Yes ☐ No
Was a packer or seal used? ☐ Yes ☒ No
Perforated? ☐ Yes ☒ No
How perforated? ☐ Factory ☐ Knife ☐ Torch
Size of perforation _____ inches by _____ inches

Number	From	To
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet

Well screen installed? ☐ Yes ☒ No
Manufacturer's name _____
Type _____ Model No. _____
Diameter ___ Slot size ___ Set from _____ feet to _____ feet
Diameter ___ Slot size ___ Set from _____ feet to _____ feet
Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____
Placed from _____ feet to _____ feet
Surface seal depth 20' Material used in seal: ☐ Cement grout ☒ Bentonite ☒ Puddling clay ☐ _____
Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing ☒ Overbore to seal depth
Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent Weld ☐ Cemented between strata
Describe access port _____

6. LOCATION OF WELL

Sketch map location must agree with written location.



Subdivision Name _____
Lot No. _____ Block No. _____
County Valley
SE ¼ SE ¼ Sec. 1, T. 10 N/S R. 2 E/W

7. WATER LEVEL

Static water level 20' feet below land surface.
Flowing? ☐ Yes ☒ No G.P.M. flow _____
Artesian closed in pressure _____ p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature _____ °F. Quality _____
Describe artesian or temperature zones below

8. WELL TEST DATA

☐ Pump ☐ Bailer ☒ Air ☐ Other _____

Discharge G.P.M.	Pumping Level	Hours Pumped
3		2

9. LITHOLOGIC LOG

Bore Diam.	Depth From	Depth To	Material 86382	Water Yes	Water No
8	0	15	congl.		x
8	15	20	granite		x
6	20	120	granite		x
6	120	125	fractured granite	x	
6	125	160	granite (fractured in areas)		x
6	160	180	fractured granite	x	
6	180	200	granite		x
6	200	220	fractured with decomposed changed to brown		
6	220	230	went back to granite		
6	230	240	back to decomposed		

RECEIVED
SEP 8 1986
Department of Water Resources

10. Work started 7-2-85 finished 7-2-85

11. DRILLERS CERTIFICATION

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

Firm Name Bill Doty Well Drilling Firm No. 42
Address Rt 7 Box 311 Caldwell Date _____
Signed by (Firm Official) Bill Doty
and
(Operator) Bill Doty

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

Well Number 45 on Figure 2.

Form 236-7
6/07

65

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

1. WELL TAG NO. D 0087193
Drilling Permit No. 900183
Water right or injection well #
2. OWNER: Cathleen Spears Thompson
Name
Address 2216 Lone Star RD
City Nampa State ID Zip 83651

3. WELL LOCATION:
Twp. 10 North ☒ or South ☐ Rge. 2 East ☒ or West ☐
Sec. 1 1/4 SE 1/4 SW 1/4
Gov't Lot County Valley
Lat. 44 ° 13.6784 (Deg. and Decimal minutes)
Long. 116 °09.9235 (Deg. and Decimal minutes)
Address of Well Site 48 Lantern Way
(Give street name of road + Distance to Road or Landmark) City High Valley
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 ft³)	Placement method/procedure
3/4 bentonite	0	38	4350	10" overbore

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/ Schedule	Material	Casing	Liner	Threaded	Welded
6	2	56	.250	steel	☒	☐	☐	☒
4	25	165	SDR17	PVC	☐	☒	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 54

9. PERFORATIONS/SCREENS:
Perforations ☐ Y ☒ N Method
Manufactured screen ☒ Y ☐ N Type Certa-loc
Method of installation set with rig

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
165	205	0.20		4	PVC	SDR17

Length of Headpipe 0 Length of Tailpipe 0
Packer ☐ Y ☒ N Type

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft³)	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) 63 Static water level (ft) 23
Water temp. (°F) 56 Bottom hole temp. (°F) N/A
Describe access port

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)
182	6	60

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	Water N
10	0	2	Top Soil		X
10	2	56	Decomposed Granite		X
6	56	83	Hard Granite w/ fracs	X	
6	83	183	Hard Granite w/ fracs	X	
6	183	200	Soft Brown Granite	X	
6	200	205	Hard Granite		X

RECEIVED
JUL 23 2021
WATER

Completed Depth (Measurable): 205
Date Started: 6-9-21 Date Completed: 6-30-21

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 Hydro Drilling Co. Co. No. 789
*Principal Driller [signature] Date 6-30-21
*Driller Date
*Operator II [signature] Date 6-30-21
Operator I [signature] Date 06/30/21

* Signature of Principal Driller and rig operator are required.

Well Number 86 on Figure 2.

Form 238-7
6/07 65

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

1. WELL TAG NO. D 0090029
Drilling Permit No. 90011
Water right or injection well #
2. OWNER: Mike Larsen
Name
Address P.O. Box 612
City Emmett State Id Zip 83617

3.WELL LOCATION:
Twp. 10 North ☒ or South ☐ Rge. 02 East ☒ or West ☐
Sec. 1 SE (10 acres) 1/4 NE (40 acres) 1/4 NW (160 acres) 1/4
Gov't Lot County Valley
Lat. 44 ° 13.641' (Deg. and Decimal minutes)
Long. -116 °09.872" (Deg. and Decimal minutes)
Address of Well Site 8 Creel Court
(Give at least name of road + distance to road or landmark) City Cascade (High Valley)
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 ft³)	Placement method/procedure
3/8" Chip Bent	0'	60'	1550lbs	Poured

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/ Schedule	Material	Casing	Liner	Threaded	Welded
6"	+2'	60'	.250	Steel	☒	☐	☐	☒
					☐	☐	☐	☐
4.5"	13'	133'	sdr17	PVC	☐	☒	☒	☐
					☐	☐	☐	☐

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 60'

9. PERFORATIONS/SCREENS:
Perforations ☐ Y ☒ N Method
Manufactured screen ☒ Y ☐ N Type Johnson V-Wire
Method of installation Lowered

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
133'	233'	.020	100'	4.5"	PVC	SDR17

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

10.FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft³)	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) 128' Static water level (ft) 26'
Water temp. (°F) 56* Bottom hole temp. (°F) 56*
Describe access port Turtle Cap
Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)
200'	5 GPM	90 Minutes

Test method: Pump ☐ Bailer ☐ Air ☒ Flowing artes an ☐
☐ ☐ ☐ ☐
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	Water N
10"	0	4'	Soil		X
10"	4'	48'	Decomposed Granite		X
10"	48'	60'	Hard Granite		X
6"	60'	128'	Hard Granite		X
6"	128'	136'	Decomposed Granite	X	
6"	136'	212'	Hard Granite		X
6"	210'	216'	Decomposed Granite	X	
6"	216'	224'	Hard Granite		X
6"	224'	230'	Decomposed Granite	X	
6"	230'	233'	Hard Granite		X

RECEIVED
JUN 24 2021
WATER RESOURCES
WESTERN REGION

Completed Depth (Measurable): 233'
Date Started: 06-07-2021 Date Completed: 6-17-2021

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 Valley Pump & Equipment Co Co. No. 708
*Principal Driller Date 6-17-2021
*Driller Date
*Operator II Date
Operator I Date
* Signature of Principal Driller and rig operator are required.

Well Number 85 on Figure 2.

RECEIVED
JUL 17 2019
WATER RESOURCES
WESTERN REGION

Form 238-7
6/07

65

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

1. WELL TAG NO. D 0082853
Drilling Permit No. 890064
Water right or injection well #

2. OWNER:
Name Warren Budell
Address 9747 E. Gatfield Rd.
City Montour State ID Zip 83617

3.WELL LOCATION:
Twp. 10 North ☒ or South ☐ Rge. 2 East ☒ or West ☐
Sec. 2 ___ 1/4 (10 acres) SE 1/4 (40 acres) SW 1/4 (160 acres)
Gov't Lot ___ County Valley
Lat 44 ° 13.453 (Deg. and Decimal minutes)
Long. 116 ° 11.221 (Deg. and Decimal minutes)
Address of Well Site 900 High Valley Rd.
(Give at least name of road + Distance to nearest City / Landmark) City High Valley
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 ft³)	Placement method/procedure
3/4 Bent. Chips	50'	0'	3500 lbs.	Slow pour overbore

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/ Schedule	Material	Casing	Liner	Threaded	Welded
6"	+2'	76'	.250	Steel	☒	☐	☐	☒
4.5"	56'	76'		SDR17 PVC	☐	☒	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

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

9. PERFORATIONS/SCREENS:
Perforations ☐ Y ☒ N Method ___
Manufactured screen ☒ Y ☐ N Type Certa-lok
Method of installation Set with sandline

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
76'	116'	20		4.5"	PVC	SDR17

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

10.FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft³)	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) 8' Static water level (ft) 1'
Water temp. (°F) °52 Bottom hole temp. (°F) ___
Describe access port Well cap

Well test: **Test method:**

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)	Pump	Bailer	Air	Flowing artesian
45'	55 GPM	120 minutes	☒	☐	☐	☐
			☐	☐	☐	☐

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	Water N
10"	0'	2'	Topsoil		X
10"	2'	5'	Silty Clay		X
10"	5'	8'	Blue Clay		X
10"	8'	17'	Blue Clay / Decomposed Granite	X	
10"	17'	28'	Blue Clay		X
10"	28'	50'	Brown Decomposed Granite		X
8"	50'	70'	Decomposed Granite		X
8"	70'	100'	Hard Brown Granite		X
8"	100'	105'	Brown Granite w/Cracks	X	
6"	105'	116'	Grey Granite		X

Completed Depth (Measurable): 116'
Date Started: Jun 19, 2019 Date Completed: Jul 1, 2019

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 Adamson Pump & Drilling Co. No. 457
*Principal Driller Dave Adamson Date Jul 12, 2019
*Driller John Sipe Date Jul 12, 2019
*Operator II ___ Date ___
Operator I Adrian Parsons Date ___

* Signature of Principal Driller and rig operator are required

Well Number 78 on Figure 2.

L5

840941

Form 238-7
6/02

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Location Corrected by IDWR To:
T10N R02E Sec. 2 NWSE
By: manders 2012-09-05

1. **WELL TAG NO. D** 0046756
DRILLING PERMIT NO. ____
Water Right or Injection Well No. ____

2. **OWNER:**
Name Tom WESTON
Address 11520 EDNA ST.
City Boise State Id. Zip 83713

3. **LOCATION OF WELL by legal description:**
You must provide address or Lot, Blk, Sub. or Directions to well.
Twp. 10 North X or South ☐
Rge. 2 East X or West ☐
Sec. 2 NW 1/4 (10 acres) NW 1/4 (40 acres) SE 1/4 (160 acres)
Gov't Lot ____ County VALLEY
Lat: 44°: 13.773 Long: 116°: 10.839
Address of Well Site 106 WILDERNESS LAKE Rd.
City CASCADE
(Give at least name of road + Distance to Road or Landmark)
Lt. 22 Blk. 2 Sub. Name WILDERNESS LAKE RANCH PHASE 1

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

5. **TYPE OF WORK** check all that apply (Replacement etc.)
☒ New Well ☐ Modify ☐ Abandonment ☐ Other ____

6. **DRILL METHOD:**
☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other ____

7. **SEALING PROCEDURES**

Seal Material	From	To	Weight / Volume	Seal Placement Method
BENTONITE CHIPS	0	18	400 LBS.	POURED

Was drive shoe used? ☐ Y ☒ N Shoe Depth(s) ____
Was drive shoe seal tested? ☐ Y ☐ N How? ____

8. **CASING/LINER:**

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6	+1	119'	.250	STEEL	☒	☐	☒	☐
4	-13	182	SCH 40	PVC	☐	☒	☒	☐
					☐	☐	☐	☐

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

9. **PERFORATIONS/SCREENS PACKER TYPE**
Perforation Method ____
Screen Type & Method of Installation SAWED PVC

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
112	172	.025		4"	PVC	☐	☒
						☐	☐
						☐	☐

10. **FILTER PACK**

Filter Material	From	To	Weight / Volume	Placement Method
8-12 COLORADO SAND	112	172	600 LBS	POURED

11. **STATIC WATER LEVEL OR ARTESIAN PRESSURE:**
7½ ft. below ground Artesian pressure ____ lb.
Depth flow encountered ____ ft. Describe access port or control devices: ____
SANITARY WELL SEAL

12. **WELL TESTS:**
☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian
Lat: ____ Long: ____

Yield gal./min.	Drawdown	Pumping Level	Time
12		172'	1 HR.

Water Temp. 55° Bottom hole temp. ____
Water Quality test or comments: GOOD
Depth first Water Encounter ____

13. **LITHOLOGIC LOG:** (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water Y	Water N
10	0	2	TOP SOIL		X
10	2	16	BROWN CLAY		X
10	16	17	BROWN SANDY CLAY		X
10	17	18	BROWN DECOMP. GRANITE W/MICA		X
6	18	83	BROWN DECOMP. GRANITE W/MICA	X	
6	83	85	BROKEN WHITE QUARTZ	X	
6	85	105	GRAY DECOMP. GRANITE W/MICA	X	
6	105	125	MED. HARD GRAY BROKEN QUARTZ 3½ gpm		
6	125	135	MED. HARD GRAY GRANITE W/MICA		X
6	135	138	BROWN FRACTURED GRANITE 7½ gpm		
6	138	150	MED. HARD GRAY GRANITE		X
6	150	172	MED. HARD GRAY GRANITE W/ FRACTURES 12 gpm		

RECEIVED
JUL 27 2006
WATER RESOURCES
WESTERN REGION

Completed Depth 172' (Measurable)
Date Started 6-30-06 Completed 7-6-06

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 GESTRIN WELL DRILLING Firm No. 408
Principal Driller Robert W. Gestrin Date 7-9-06
and
Driller or Operator II ____ Date ____
Operator I ____ Date ____
Principal Driller and Rig Operator *Required.*
Operator I must have signature of Driller/Operator II.

FORWARD WHITE COPY TO WATER RESOURCES

Well Number 48 on Figure 2.

6

Form 238-7
6/02

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

852691
Office Use Only
Well ID No. 422459
Inspected by
Twp ____ Rge ____ Sec ____
____ 1/4 ____ 1/4 ____ 1/4
Lat: : : Long: : :

1. WELL TAG NO. D 0052974
DRILLING PERMIT NO.
Water Right or Injection Well No.

2. OWNER:
Name Chuck Dollar
Address 1595 S Lakemoor Way
City Eagle State Id Zip 83616

3. LOCATION OF WELL by legal description:
You must provide address or Lot, Blk, Sub. or Directions to well.
Twp. 10 North ☒ or South ☐
Rge. 2 East ☒ or West ☐
Sec. 2 SW 1/4 (10 acres) SE 1/4 (40 acres) NE 1/4 (160 acres)
Gov't Lot ____ County Valley
Lat: : : Long: : :
Address of Well Site 2 1/2 mile From gate on Wilderness Lake Rd City Cascade
(Give at least metric of road + Distance to Road or Landmark)
Lt. ____ Blk. ____ Sub. Name ____

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

5. TYPE OF WORK check all that apply (Replacement etc.)
☒ New Well ☐ Modify ☐ Abandonment ☐ Other ____

6. DRILL METHOD:
☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other ____

7. SEALING PROCEDURES

Seal Material	From	To	Weight / Volume	Seal Placement Method
bentonite	0	18	400 lb	over bored and pured from top down

Was drive shoe used? ☐Y ☒N Shoe Depth(s) ____
Was drive shoe seal tested? ☐Y ☐N How? ____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	+1	21'	.250	Steel	☒	☐	☒	☐
4"	-6	60	Sch 40	PVC	☐	☐	☐	☐
	80	100			☐	☐	☐	☐
	120	160	Sch 40	PVC	☐	☐	☐	☐
	200	220						

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

9. PERFORATIONS/SCREENS PACKER TYPE
Perforation Method ____
Screen Type Method of Installation Sameal PVC

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
60	80	.020		4"	PVC	☐	☒
100	120						
160	200	.020		4"	PVC	☐	☒
220	240	.020		4"	PVC	☐	☒

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method
8-12 red Sand	55	240	2500 lb	From Top down

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
6 ft. below ground Artesian pressure ____ lb.
Depth flow encountered ____ ft. Describe access port or control devices: ____
Sanitary Well Seal

12. WELL TESTS:
☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
45gpm		236	1 hr

Water Temp. 48 Bottom hole temp. ____
Water Quality test or comments: Good
Depth first Water Encounter ____

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water Y	Water N
10	0	15	brown sandy clay		X
10	15	17	brown decom granite		X
10	17	18	soft brown granite		X
6	18	20	soft brown granite		X
6	20	30	med hard brown granite		X
6	30	40	med hard brown granite w/ some fract		X
6	40	60	hard brown granite w/ fract		X
6	60	70	hard brown granite		X
6	70	72	fract brown granite	45gpm	
6	72	100	hard brown granite w/ fract		X
6	100	120	med hard brown granite	45gpm	
6	120	140	med hard brown granite	45gpm	
6	140	160	med hard brown granite w/ fract		X
6	160	200	med hard brown granite w/ fract	45gpm	
6	200	240	med hard brown granite	45gpm	
			Fill in bottom of hole From 238-240		

RECEIVED
AUG 21 2008
WATER RESOURCES
WESTERN REGION

Completed Depth 238' (Measurable)
Date: Started 8-5-08 Completed 8-11-08

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 Boyle Well Drilling Firm No. 408
Principal Driller Robert W. Boyle Date 8-17-08
and
Driller or Operator II Larry Finch Date 8-15-08
Operator I ____ Date ____
Principal Driller and Rig Operator *Required.*
Operator I must have signature of Driller/Operator II.

FORWARD WHITE COPY TO WATER RESOURCES

Well Number 66 on Figure 2.

Exhibit B

Gem County
Road & Bridge
402 N. Hayes Ave.
Emmett, ID 83617

Jason Brown
Assistant Director
Phone: 208-365-3305
Email: jbrown@co.gem.id.us

March 26, 2026

Steve Emerson
18016 W. Broadford Dr.
Star, ID 83669

RE: 12 Lot Subdivision

Dear Mr. Emerson,

Gem County Road & Bridge (GCRB) has reviewed the proposed 12-lot subdivision, located adjacent to High Valley Road in Valley County. Gem County does not have jurisdiction for approvals or denials in Valley County. GCRB is aware there will be an increase in daily traffic on High Valley Road created by this proposed subdivision. GCRB will not change any roadway maintenance practices for High Valley Road located in Gem County to accommodate additional traffic.

If you have any questions, please contact me at 208-365-3305.

Thank you,

Jason C. Brown

Jason Brown, Assistant Director
Gem County Road & Bridge Department