

RECEIVED**APR 26 2013**STATE OF IDAHO
DEPARTMENT OF WATER RESOURCESIdent. No. 37-22825**APPLICATION FOR PERMIT**

To appropriate the public waters of the State of Idaho

DEPT. OF WATER RESOURCES
SOUTHERN REGION1. Name of applicant(s) City of Hailey Phone (208) 788-4221
Name connector (check one): ☐ and ☐ or ☐ and/orMailing address: 115 S. Main St., #H City HaileyState ID Zip 83333 Email: _____2. Source of water supply groundwater which is a tributary of _____

3. Location of point(s) of diversion:

Twp	Rge	Sec	Govt Lot	¼	¼	¼	County	Source	Local name or tag #
2N	18E	9		NW	SE	SW	Blaine	groundwater	new well

4. Water will be used for the following purposes:

Amount 0.49 cfs for irrigation purposes from 4/15 to 10/31 (both dates inclusive)
(cfs or acre-feet per year)Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per year)Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per year)Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per year)5. Total quantity to be appropriated is (a) 0.49 cubic feet per second (cfs) and/or (b) _____ acre-feet per year (af).

6. Proposed diverting works:

a. Describe type and size of devices used to divert water from the source. The diversion works will consist of a shallow well located approximately 50' from the mean high water mark in the Big Wood River.b. Height of storage dam n/a feet; active reservoir capacity n/a acre-feet; total reservoir capacity n/a acre-feet. If the reservoir will be filled more than once each year, describe the refill plan in item 11.For dams 10 feet or more in height OR reservoirs with a total storage capacity of 50 acre-feet or more, submit a separate Application for Construction or Enlargement of a New or Existing Dam. Application required? ☐ Yes ☐ Noc. Proposed well diameter is 10" inches; proposed depth of well is 50 feet.d. Is ground water with a temperature of greater than 85°F being sought? ☐ Yes ☒ Noe. If well is already drilled, when? n/a; drilling firm n/a;
Well was drilled for (well owner) n/a; Drilling Permit No. n/a.

7. Description of proposed uses (if irrigation only, go to item 8):

a. Hydropower; show total feet of head and proposed capacity in kW. _____

b. Stockwatering; list number and kind of livestock. _____

c. Municipal; show name of municipality or the applicant's qualifications as a municipal provider. _____

d. Domestic; show number of households _____

e. Other; describe fully. _____

8. Description of place of use:

- a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- b. If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RGE	SEC	NE				NW				SW				SE				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
2N	18E	9									3.0			3.2					6.2

Total number of acres to be irrigated: 6.2

9. Describe any other water rights used for the same purposes as described above. Include water delivered by a municipality, canal company, or irrigation district. If this application is for domestic purposes, do you intend to use this water, water from another source, or both, to irrigate your lawn, garden, and/or landscaping? The two sites (Hop Porter Park and Lions Park) are currently irrigated with water delivered through the City of Hailey potable water supply system.
10. a. Who owns the property at the point of diversion? City of Hailey (applicant)
- b. Who owns the land to be irrigated or place of use? City of Hailey (applicant)
- c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: n/a
11. Describe your proposal in narrative form, and provide additional explanation for any of the items above. Attach additional pages if necessary. See Attachment 1 - Narrative Description of Project & Mitigation Plan
12. Time required for completion of works and application of water to proposed beneficial use is 5 years (minimum 1 year).
13. **MAP OF PROPOSED PROJECT REQUIRED** - Attach an 8½" x 11" map clearly identifying the proposed point of diversion, place of use, section #, township & range. A photocopy of a USGS 7.5 minute topographic quadrangle map is preferred.

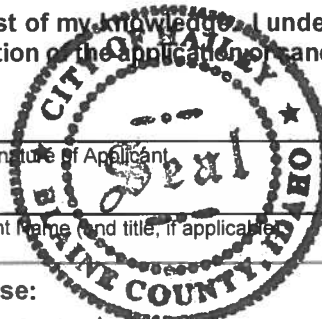
The information contained in this application is true to the best of my knowledge. I understand that any willful misrepresentations made in this application may result in rejection of the application or cancellation of an approval.

Signature of Applicant

FRITZ X. HAEMMERLE, MAYOR
Print Name (and title, if applicable)

Signature of Applicant

Print Name (and title, if applicable)



For Department Use:

Received by D. Gibson Date 4/24/2013 Time 10:30 AM Preliminary check by _____

Fee \$ 250.00 Received by C097043 dg Receipt No. C097043 Date 4/24/2013

T02NR18E S9

02N 18E



Proposed Point of Diversion



Hop Porter Park Boundary



Proposed Place of Use (Hop Porter Park)



Lions Park Boundary



Proposed Place of Use (Lions Park)

Map of Proposed Project
2011 NAIP Photography



500

Feet



SPF WATER
ENGINEERING

37-22825

Attachment 1 – Narrative Description of Project and Mitigation Plan

Attachment 1 – Narrative Description of Project and Mitigation Plan

Background. The City of Hailey (Hailey, or City) currently delivers irrigation water to Hop Porter Park and Lions Park from its potable water supply system using its existing groundwater wells and water distribution facilities. With this application, the City proposes drilling a shallow well on the Lions Park site which will provide an irrigation water supply for both parks using a shared pump system. The new system will irrigate a total of 6.2 acres. The permit to use groundwater for irrigation of Lions Park and Hop Porter Park will be mitigated by non-diversion and non-use of water rights currently owned by the City and delivered in the Hiawatha Canal.

Well Construction. Well construction details are as follows:

- The proposed well will be constructed at least 50' from the mean high water mark in the Big Wood River to comply with Rule 25.01(d) of the Idaho Well Construction Standards Rules (IDAPA 37.03.09).
- The proposed well will be approximately 50' deep (see Attachment 2, titled "Lions Park Irrigation Well Conceptual Design"). The well is expected to have a direct hydraulic connection to the Big Wood River, as evidenced by the attached analysis prepared by SPF Water Engineering (see Attachment 3, a memo regarding stream depletion analysis).

Proposed Diversion Rate. Hailey has existing pressurized irrigation facilities at both Lions Park and Hop Porter Park. These facilities require diversion rates in excess of 0.02 cfs per acre in order to irrigate landscaping during short periods in the evening hours, thus avoiding interference with the public's normal enjoyment of the parks. In addition, the City actively enforces City Ordinance 13.08.010 which prohibits irrigation within City limits between the hours of 10:00 am and 6:00 pm. Thus Hailey must deliver irrigation water to its parks at a sufficient rate to irrigate turf and landscaping after normal activity ceases in the evening, but before the following day begins and irrigation is prohibited.

The current irrigation system demands are 100 gpm (0.22 cfs) for Hop Porter Park, and 120 gpm (0.27 cfs) for Lions Park (a total of 0.49 cfs). The City's application proposes the diversion of 0.49 cfs from groundwater to supply the existing irrigation system demands for both parks.

Proposed Mitigation Plan. The City of Hailey is the owner of water right nos. 37-22773, 37-22774, 37-22775 and 37-22776. These water rights were historically delivered in the Hiawatha Canal to irrigate farm land northwest of the original site of the City of Hailey, but the rights are currently appurtenant to streets and roadways within the Northridge Subdivision development (see Attachment 4). Partial decrees for the parent rights were issued by the SRBA Court in August 2011, and the rights are currently in the name of the City of Hailey. The City of Hailey intends to reserve these rights for use in support of irrigation of its parks, schools and landscaped areas through administrative transfer or mitigation of new permit applications.

For IDWR's record-keeping purposes, the City suggests the existing place of use (which cannot physically be irrigated) be treated as a permissible place of use for mitigation purposes. In other

words, the GIS “shape” of the water rights will not be changed, but the elements of the water rights (diversion rate, place of use area, etc.) will be reduced or conditioned by each application until such time the entire right is either transferred, or used for mitigation. Unused portions of the water rights will be placed in the Idaho Water Supply Bank in the future, as necessary.

The City proposes non-irrigation of 6.2 acres of the 22.8-acre area currently authorized by the City's water rights 37-22773, 37-22774, 37-22775, and 37-22776 to mitigate for the consumptive use of groundwater at the new location. A summary of the water rights prior to any changes is shown in Table 1.

Table 1. Water Rights before Use for Mitigation

WR No.	Priority Date	Irrigated Area (acres)	Diversion Rate (cfs)
37-22776	3/24/1883	22.8	0.235
37-22775	6/30/1884		0.387
37-22774	9/18/1885		0.195
37-22773	5/1/1888		0.194
TOTAL		22.8	1.011

The City proposes non-diversion of 80% of each 6.2-acre portion of the four water rights be dedicated to mitigation of the proposed permit. The City also proposes that 20% of each 6.2-acre portion of the water rights continue to be diverted into the Hiawatha Canal in recognition of the existing conveyance losses in the canal. The City will convey a 20% portion of each portion of the water rights used for mitigation to the Hiawatha Canal Water Users Association of Lateral or Laterals (Hiawatha) upon issuance of the approved permit. The portions of each right to be retained by either the City, or Hiawatha, are summarized in Table 2 below.

Table 2 summarizes the water rights after implementation of the mitigation plan. The proposed mitigation plan will result in non-diversion of 0.22 cfs from the Big Wood River, and non-use for the irrigation of 6.2 acres. The City agrees to be limited to an annual diversion volume from groundwater of 21.7 acre-feet (3.5 acre-feet per acre on 6.2 acres).

Although the proposed diversion rate is in excess of the existing rights to be used for mitigation, the effect on the water resource in the area is not enlarged:

1. The annual volume will be limited to no more than could have historically been used for the irrigation of 6.2 acres under the original rights.
2. The consumptive use from the Big Wood River system remains the same because the irrigated area before and after the proposed change remains the same.
3. An instantaneous flow of 0.22 cfs is left in the Big Wood River (non-diversion to the Hiawatha Canal) each and every day. The City's new pump station will divert 0.49 cfs from the Big Wood River for approximately 8 hours per day. This results in an increased flow in the Big Wood River of 0.22 cfs on non-irrigation days, and a decrease

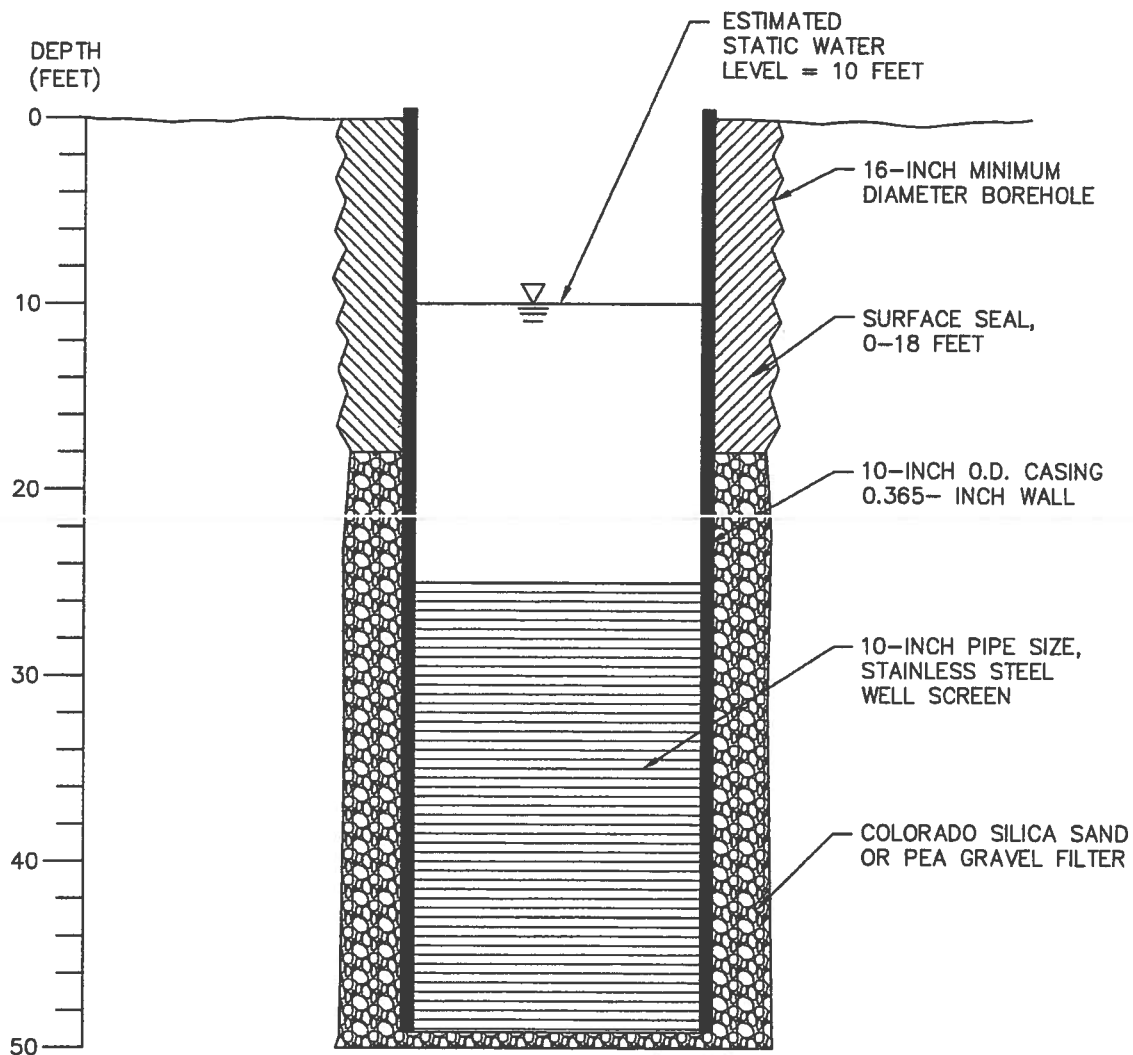
in actual diversion for the 24-hour period of the authorized irrigation day (0.49 cfs diverted for 8 hours = 0.16 cfs diverted over a 24-hr period).

Table 2. Water Rights after Use for Mitigation

		Mitigation		Conveyance		Remainder	
WR No.	Priority Date	Irrigated Area (acres)	Diversion Rate - 80% (cfs)	Irrigated Area (acres)	Diversion Rate - 20% (cfs)	Irrigated Area (acres)	Diversion Rate (cfs)
37-22776	3/24/1883	6.2	0.051	0.0	0.013	16.6	0.171
37-22775	6/30/1884		0.084		0.021		0.282
37-22774	9/18/1885		0.042		0.011		0.142
37-22773	5/1/1888		0.042		0.011		0.141
TOTAL		6.2	0.220	0.0	0.055	16.6	0.736

The combined use of the four water rights is for irrigation of 22.8 acres with a diversion rate of 1.011 cfs both before and after implementation of the proposed mitigation plan.

Attachment 2 – Well Conceptual Design



SPF WATER
ENGINEERING

300 East Mallard Drive, Suite 350
Boise, Idaho 83706
Tel (208) 383-4140 Fax (208) 383-4156

LIONS PARK IRRIGATION WELL
CONCEPTUAL DESIGN

SCALE: NTS

DRAWN BY: SCB

FIGURE 2

PROJ # 330.0140

Attachment 3 – Stream Depletion Analysis



MEMORANDUM

DATE: September 19, 2012
TO: Idaho Department of Water Resources
FROM: Terry Scanlan, P.E., P.G., Roxanne Brown
RE: Stream Depletion Analysis – City of Hailey, Lions Park
Job No.: 330.0140



The purpose of this analysis is to determine the theoretical rate of stream depletion in the Big Wood River due to pumping from a proposed well to be drilled by the City of Hailey (City) and used to irrigate two City-owned parks (Lions Park and Hop Porter Park). This process is necessary in order to meet IDWR's requirement that a water right transfer from surface water to groundwater be supported by a finding that at least 50 percent (by volume) of the water pumped from the proposed well will be depleted from the river within 24 hours.

The new City well will be located in Blaine County, in the SESW of Section 9, T2N R18E, and will be situated approximately 50 feet from the mean high water (MHW) mark in the Big Wood River. The proposed well will be approximately 50 feet deep, will be completed with 10-inch casing to an approximate depth of 25 feet, and a 10-inch stainless steel well screen will be installed from approximately 25 feet to total depth.

The stream depletion analysis is based on a spreadsheet provided by IDWR (Mat Weaver, modified March 27, 2012), which uses the Glover and Balmer method to calculate stream depletion rates and volumes. Using the Glover and Balmer Method, stream depletion rate is dependent on the following factors: (1) duration of pumping, (2) transmissivity (the product of the hydraulic conductivity and saturated thickness of the aquifer), (3) specific yield, (4) distance from the stream source, and (4) pumping rate. In this case, the duration of pumping is one day (the critical time period for 50 percent depletion is 24 hours), distance is 50 feet, and the pumping rate used is 0.49 cfs. The determination of transmissivity and specific yield values required additional analysis which is discussed below.

Transmissivity

By examining information from well driller's reports and IDWR water right records, we were able to identify 21 wells with lithologic log information within approximately one quarter-mile distance of the proposed well. These driller's reports are summarized below in Table 1 and driller's reports are attached. Included are five shallow wells (Wells 10-14) drilled on the Lions Park site as water-quality monitoring wells prior to construction of the park.

Well Key	Well Tag/No.	Owner-of-Record	Well Depth (ft)	SWL (ft)
1	37-83-C-0009-000	Pete Trojan	41	6
2	37-83-C-0007-000	Paul Boyd	42	7
3	unknown	Richard Winkler	32	11.2
4	unknown	Bill Hair	45	18
5	43074	Jesse German	55	12
6	unknown	Frank Cavanaugh	39	8
7	unknown	Vern Boyd	33	5
8	34239	Larry Swider	38	12
9	37-99-5-0133-000	Charles Shabacker	35	11
10	50499	IDEQ	20	10.7
11	50500	IDEQ	20	10.4
12	50501	IDEQ	20	11.7
13	D0050795	Wood River Land Trust	20	6
14	D0050796	Wood River Land Trust	20	6
	unknown	Calvin Robertson	50	7
	unknown	B.C. Evely	32	4.5
	37-88-5-002	Paul O'Connell	38	7
	unknown	Frank Bashita	33	12
	unknown	John Adams	43	10
	unknown	W.A. Lewis	42	10
	unknown	Alva Temple	33	2

Table 1. Local Area Wells (Wells with known locations shown on map)

The alluvial aquifer likely extends to an estimated depth of approximately 50 feet at the well site. Only two of the 21 wells for which well logs are available extended to bedrock (although several logs penetrate through layers described as clay or gravel set in clay). The two deepest wells at 50 and 55 feet did not reach bedrock. For purposes of this analysis, we are assuming that the saturated zone extends from the static water level (approximately 10 feet) to the proposed well depth of 50 feet, for a saturated alluvial aquifer thickness of 40 feet.

Transmissivity of the water table aquifer in Hailey vicinity is reported to range from 30,000 to 70,000 ft²/day (Brockway and Kahlown, 1994). Using more site specific data, SPF calculated the average hydraulic conductivities for the saturated materials listed in each of the 21 well logs. Conductivities were estimated based on approximate values for materials

described in Table 2 below. These estimated conductivities are similar with those listed in Tables 2 and 3 of the stream depletion spreadsheet.

Hydraulic Conductivity (ft/day)	Specific Yield	Material descriptions
0.01	0.05	clay, hard pan, granite, shale
0.1	0.05	gravel set in clay, top soil
1	0.1	gravel and clay, clay & boulders, sandy clay
100	0.15	clay, gravel, and sand
500	0.25	gravel and sand, sand and pea gravel, sandy gravel
2500	0.2	large gravel and coarse sand, water gravel, gravel and boulders, gravel

Table 2. Hydraulic conductivity and specific yield values assigned to various material descriptions

The hydraulic conductivity values for the saturated zones in each of the 14 wells were then averaged (806 ft/day) and multiplied by 40 feet to obtain an estimated transmissivity (32,200 ft²/day) for the upper 40 feet of the alluvial aquifer. This transmissivity is at the low end of the range published for the local area (Brockway and Kahlow, 1994). Lower transmissivity values result in less rapid stream depletion, and are therefore conservative.

Specific Yield

Specific yield was determined in much the same way as transmissivity. Each layer within the saturated zone for surrounding wells was assigned a specific yield (based on the material description in Table 1 of the updated stream depletion spreadsheet), and then averaged across the saturated zone. Using this method, the average specific yield for the local area aquifer is estimated to be 0.17.

Stream Depletion Results

Using a transmissivity of 32,000 ft²/day, aquifer saturated thickness of 40 feet, and a specific yield of 0.17, the theoretical stream depletion volume for the proposed well after 1 day of pumping was calculated to be approximately 87 percent. This volume exceeds the minimum 50 percent depletion volume required by IDWR for water right transfers from surface water to ground water sources. The complete results are shown in the attached stream depletion analysis table.

A sensitivity analysis shows the following.

1. Arbitrarily reducing the aquifer transmissivity to 3200 ft²/day (a factor of 10 below the calculated and published minimum values) reduces the 24-hour stream depletion volume to 66 percent.
2. Raising the specific yield value to 0.35 (the maximum potential value for gravelly sand) reduces the 24-hour stream depletion volume to 83 percent.
3. Increasing the distance of the well from the river to 100 feet reduces the 24-hour stream depletion volume to 76 percent.
4. Changing the pumping rate has no impact on the percent depletion volume.

The sensitivity analysis demonstrates that the 24-hour depletion volume is above 50 percent for any reasonable range of transmissivity and specific yield values. The high depletion rate is attributable partly to the close proximity of the proposed well to the river.

References

Brockway, C.E., and Kahlown, M.A., 1994, Hydrologic evaluation of the Big Wood River and Silver Creek watersheds Phase I: Kimberly, University of Idaho Water Resources Research Institute, Kimberly Research Center, 53 p. plus 5 appendixes.

Weaver, Mathew, 2012, Stream Depletion Analysis Spreadsheet Tool: for evaluation and estimation of stream depletion due to the pumping of a nearby well., Idaho Department of Water Resources, March 27, 2012 modification.

**Stream Depletion Analysis Spreadsheet Tool:
for evaluation and estimation of stream depletion
due to the pumping of a nearby well.**

Worksheet (tab) 1: **About** the Stream Depletion Analysis Tool & Worksheet Index

Worksheet (tab) 2: Stream Depletion Analysis Tool

Worksheet (tab) 3: Tabular Summaries of **Published Soil Properties**

Notes:

This spreadsheet may be used to support the analysis of hydraulic connectivity between the ground water and the surface water in conjunction with meeting the "50% depletion requirement" of Transfer Processing Memo No. 24 dated January 21, 2009 (refer to section 5c (7), pg. 26).

This spreadsheet is not universally applicable. In addition to the need to satisfy the underlying assumptions of this analysis method, its applicability is further constrained to instances where the authorized diversion rate is substantially less

DISCLAIMER: This spreadsheet tool was created for internal use by Department staff. However, the Department is not opposed to the use of this tool by the public. Public users should be aware that the use of this tool does not imply or guarantee review approval by the Department. Furthermore, this tool is provided with no warranty expressed or implied. The user has full responsibility to verify all assumptions, relationships, and calculations contained within.

Prepared By: Mathew Weaver, PE

Created: December 10, 2008

Modified: March 27, 2012

Please contact Mathew Weaver for questions on use, requests for added features, or required corrections to the spreadsheet.

Stream Depletion Analysis Tool

Read Me

Project Title

City of Halley - Lions Park Site

Definition of Variables

Calculation of Stream Depletion Rate & Volume

User Defined Input Variables

t =	1	duration of pumping (days)
K =	806.00	hydraulic conductivity (ft/day)
b =	40.00	saturated thickness (ft)
Sy =	0.17	specific yield in decimals (unitless)
a =	50.00	distance (ft)
Q =	0.49	pumping rate (ft ³ /s)

Calculated Input Variables

T =	32,240	transmissivity (ft ² /day)
Sy/T =	0.00000527	component of sdf (unitless) for observation only
Q =	42336	pumping rate (ft ³ /day)
Qt =	42336	pumped volume (ft ³)
	0.97	pumped vol (ac-ft)

Table Values

sdf =	0.0132	stream depletion factor (units of time)
t/sdf =	75.86	(unitless)
q/Q =	0.933	(unitless)
v/Qt =	0.873	(unitless)

Stream Depletion Rate

q =	0.457	stream depletion rate (ft ³ /s)
% Total =	93.3	contribution of total flow rate from stream (%)

Stream Depletion Volume

v =	36,943	vol. strm depletion (ft ³)
	0.8481	vol. strm depletion (ac-ft)
% Total =	87.3	contribution of total volume from stream (%)

Notes and Discussion

Reference:

The Glover & Balmer method utilized in analysis is recreated in part from Jenkins, C.T., 1968. Book 4 Hydrologic Analysis and Interpretation Chapter D1 Computation of Rate and volume of Stream Depletion by Wells. Techniques of Water-Resources Investigations of the United States Geological Survey.

Tabular Summaries of Published Soil Properties

Table 1

(S_y : Specific Yields of Various Soil Types (units: wt./vol.))

Material	Specific Yield, S_y		
	Maximum	Minimum	Average
Clay	0.05	0.00	0.03
Sandy Clay	0.12	0.03	0.08
Silt	0.19	0.03	0.11
Fine Sand	0.28	0.10	0.19
Medium Sand	0.32	0.15	0.24
Coarse Sand	0.35	0.20	0.28
Gravelly Sand	0.35	0.20	0.28
Fine Gravel	0.35	0.21	0.28
Medium Gravel	0.26	0.13	0.20
Coarse Gravel	0.26	0.12	0.19

Notes:

- 1) This table is recreated from Fetter 2001, pg. 79.
- 2) The source material for this table is Johnson et al 1967.
- 3) Specific yield (S_y) is the ratio of the volume of water that drains from a saturated rock owing to gravity to the total volume of rock.

Table 2

(K : Hydraulic Conductivity of Saturated Soils (darcy))

Material	Hydraulic Conductivity, K		
	Maximum	Minimum	Average
Clean Gravel	288,000	2,880	145,440
Coarse Gravel	2,880	29	1,454
Fine Sand	29	3	16
Silty Clay	2.88	0.03	1.45
Clay	0.0029	0.0000	0.0014

Notes:

- 1) This table is recreated from Das 2002, pg. 143.
- 2) These values are representative of a geotechnical engineering reference and vocabulary.
- 3) Hydraulic conductivity is the coefficient of proportionality describing the rate at which water can move through a permeable medium.
- 4) Transmissivity (T) is the product of the hydraulic conductivity and the saturated thickness of the aquifer.

Table 3

(K : Hydraulic Conductivity of Unconsolidated Sediments (darcy))

Soil Type	Hydraulic Conductivity, K		
	min.	max.	avg.
Well-sorted gravel	28	2,835	1,431
Well-sorted sands, glacial wash	2.83	283	143
Silty sands, fine sands	0.0283	2.83	1.43
Silt, sandy silts, clayey sands, till	0.0028	0.2835	0.1431
Clay	2.83E-06	0.0028	0.0014

Notes:

- 1) This table is recreated from Fetter 2001, pg. 85.
- 2) These values are representative of a hydrogeologic science reference and vocabulary.
- 3) Hydraulic conductivity is the coefficient of proportionality describing the rate at which water can move through a permeable medium.
- 4) Transmissivity (T) is the product of the hydraulic conductivity and the saturated thickness of the aquifer.

References:

- Das, B.M. Principles of Geotechnical Engineering - Fifth Edition. Pacific Grove, CA: Brooks/Cole, 2002.
- Fetter, C.W. Applied Hydrogeology - Fourth Edition. New Jersey: Prentice Hall, 2001.
- Johnson, A.I. 1967. Specific Yield-Compilation of specific yields for various materials. U.S. Geological Survey Water Supply Paper 1662-D.

**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.

[illegible]

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

JUL 25 1984

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.

JB

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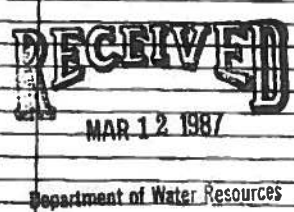
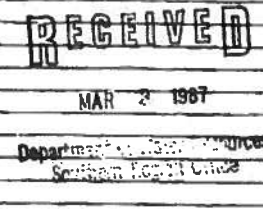
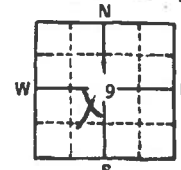
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USE ADDITIONAL SHEETS IF NECESSARY - FORWARD THE WHITE COPY TO THE DEPARTMENT

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.

1. WELL OWNER Name <u>Richard Winkler</u> P. O. Box <u>645</u> Address <u>Hailey, ID 83333</u> Owner's Permit No. _____	7. WATER LEVEL Static water level <u>11' 2 1/2"</u> feet below land surface. Flowing? ☐ Yes ☒ No G.P.M. flow _____ Artesian closed-in pressure _____ p.s.i. Controlled by: ☐ Valve ☐ Cap ☐ Plug Temperature <u>46</u> °F. Quality _____ Describe artesian or temperature zones below.																																																										
2. NATURE OF WORK ☐ New well ☐ Deepened ☒ Replacement ☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)	8. WELL TEST DATA ☐ Pump ☐ Baller ☒ Air ☐ Other _____ <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Discharge G.P.M.</th><th>Pumping Level</th><th>Hours Pumped</th></tr> <tr> <td style="text-align: center;">20</td><td></td><td></td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>	Discharge G.P.M.	Pumping Level	Hours Pumped	20																																																						
Discharge G.P.M.	Pumping Level	Hours Pumped																																																									
20																																																											
3. PROPOSED USE ☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other _____ (specify type)	9. LITHOLOGIC LOG 87172 <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Bore Diam.</th><th colspan="2">Depth</th><th rowspan="2">Material</th><th colspan="2">Water</th></tr> <tr> <th>From</th><th>To</th><th>Yes</th><th>No</th></tr> </thead> <tbody> <tr> <td>8</td><td>0</td><td>1 1/2</td><td>Surface dirt</td><td></td><td></td></tr> <tr> <td></td><td>1 1/2</td><td>7</td><td>Gravel & clay</td><td></td><td></td></tr> <tr> <td></td><td>7</td><td>14</td><td>Boulders & gravel</td><td></td><td></td></tr> <tr> <td></td><td>14</td><td>19</td><td>Gravel & clay</td><td></td><td></td></tr> <tr> <td>6</td><td>19</td><td>20</td><td>Gravel & sand</td><td></td><td>T</td></tr> <tr> <td></td><td>20</td><td>25</td><td>Clay, gravel & sand</td><td></td><td></td></tr> <tr> <td></td><td>25</td><td>28</td><td>Clay & boulders</td><td></td><td></td></tr> <tr> <td></td><td>28</td><td>32</td><td>Gravel & sand</td><td></td><td>X</td></tr> </tbody> </table>	Bore Diam.	Depth		Material	Water		From	To	Yes	No	8	0	1 1/2	Surface dirt				1 1/2	7	Gravel & clay				7	14	Boulders & gravel				14	19	Gravel & clay			6	19	20	Gravel & sand		T		20	25	Clay, gravel & sand				25	28	Clay & boulders				28	32	Gravel & sand		X
Bore Diam.	Depth		Material	Water																																																							
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4. METHOD DRILLED ☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary ☐ Cable ☐ Dug ☐ Other _____	 																																																										
5. WELL CONSTRUCTION Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____ <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Thickness</th><th>Diameter</th><th>From</th><th>To</th></tr> </thead> <tbody> <tr> <td><u>.250</u> inches</td><td><u>6 5/8</u> inches</td><td><u>1</u> feet</td><td><u>31 1/2</u> feet</td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> 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 <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Number</th><th>From</th><th>To</th></tr> </thead> <tbody> <tr> <td>_____ perforations</td><td>_____ feet</td><td>_____ feet</td></tr> <tr> <td>_____ perforations</td><td>_____ feet</td><td>_____ feet</td></tr> <tr> <td>_____ perforations</td><td>_____ feet</td><td>_____ feet</td></tr> </tbody> </table> 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 <u>19</u> 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 <u>well cap</u>	Thickness	Diameter	From	To	<u>.250</u> inches	<u>6 5/8</u> inches	<u>1</u> feet	<u>31 1/2</u> feet													Number	From	To	_____ perforations	_____ feet	_____ feet	_____ perforations	_____ feet	_____ feet	_____ perforations	_____ feet	_____ feet	10. Work started <u>2/9/87</u> finished <u>2/9/87</u>																										
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6. LOCATION OF WELL Sketch map location <u>must</u> agree with written location.  Subdivision Name _____ <u>Little India</u> Lot No. _____ Block No. _____ County <u>Blaine</u> NE 1/4 SW 1/4 Sec. <u>9</u> T. <u>2</u> N. 1/4 R. <u>18</u> E. 1/4	11. DRILLERS CERTIFICATION I/We certify that all minimum well construction standards were compiled with at the time the rig was removed. <u>Walker Water Systems, Inc.</u> Firm Name <u>624 Pierce Street</u> Firm No. <u>15</u> <u>Twin Falls, Idaho 83301</u> Address _____ Date <u>2/13/87</u> Signed by (Firm Official) <u>Paul W. Walker</u> and (Operator) <u>Paul W. Walker</u>																																																										

4

JUN 29 1962

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.

[illegible]

USE TYPEWRITER OR
BALL POINT PEN

State of Idaho
Department of Water Administration

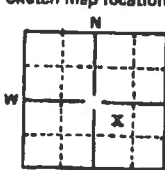
RECEIVED

6

WELL DRILLER'S REPORT

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

JUL 8 1976

1. WELL OWNER Name <u>FRANK CAVANAUGH</u> Address <u>HAILEY, IDAHO</u> Owner's Permit No. _____ Department of Water Resources		WATER LEVEL Static water level <u>8</u> feet below land surface Flowing? ☐ Yes ☒ No G.P.M. flow _____ Temperature _____ ° F. Quality <u>GOOD</u> Artesian closed-in pressure _____ p.s.i. Controlled by ☐ Valve ☐ Cap ☐ Plug																															
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe method of abandoning) _____		8. WELL TEST DATA ☐ Pump ☒ Baller ☐ Other Discharge G.P.M. <u>400PM +</u> Draw Down _____ Hours Pumped _____																															
3. PROPOSED USE ☒ Domestic ☐ Irrigation ☐ Test ☐ Other (specify type) _____ ☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection		9. LITHOLOGIC LOG <u>030632</u> Hole Diam. Depth From To Material Water Yes No <table border="1"><tr><td>8</td><td>0</td><td>2</td><td>TOP SOIL</td><td></td><td>X</td></tr><tr><td>8</td><td>2</td><td>9</td><td>GRAVEL & CLAY</td><td></td><td>X</td></tr><tr><td>6</td><td>9</td><td>26</td><td>SAND & GRAVEL</td><td>X</td><td></td></tr><tr><td>6</td><td>26</td><td>38</td><td>GRAVEL SET IN CLAY</td><td></td><td>X</td></tr><tr><td>38</td><td>38</td><td>39</td><td>WATER GRAVEL</td><td>X</td><td></td></tr></table>		8	0	2	TOP SOIL		X	8	2	9	GRAVEL & CLAY		X	6	9	26	SAND & GRAVEL	X		6	26	38	GRAVEL SET IN CLAY		X	38	38	39	WATER GRAVEL	X	
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6	26	38	GRAVEL SET IN CLAY		X																												
38	38	39	WATER GRAVEL	X																													
4. METHOD DRILLED ☒ Cable ☐ Rotary ☐ Dug ☐ Other																																	
5. WELL CONSTRUCTION Diameter of hole <u>6</u> inches Total depth <u>39</u> feet Casing schedule: ☒ Steel ☐ Concrete Thickness Diameter From To <u>.250</u> inches <u>6</u> inches <u>+1</u> feet <u>39</u> feet _____ inches _____ inches _____ feet _____ feet _____ inches _____ inches _____ feet _____ feet _____ inches _____ inches _____ feet _____ feet _____ inches _____ inches _____ feet _____ feet 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 <u>18</u> Material used in seal ☒ Cement grout ☐ Pudding clay ☐ Well cuttings Sealing procedure used ☒ Slurry pit ☒ Temporary surface casing ☐ Overbore to seal depth																																	
6. LOCATION OF WELL Sketch map location must agree with written location.  Subdivision Name _____ Lot No. _____ Block No. _____ County <u>BLAINE</u> NW 1/4 SW 1/4 Sec. 9, T.2N N/S, R.18E E/W		10. Work started <u>29 MAY 75</u> finished <u>30 MAY 75</u>																															
		11. DRILLERS CERTIFICATION Firm Name <u>KEN SMITH WELL DRILLING</u> Firm No. <u>265</u> Address <u>BOX 1165 HAILEY, IDAHO</u> Date <u>10 SEPT 75</u> Signed by (Firm Official) <u>Ken Smith</u> and Operator <u>Blaine P. Pichler</u>																															

USE ADDITIONAL SHEETS IF NECESSARY

FORWARD THE WHITE COPY TO THE DEPARTMENT

RECEIVED

WELL DRILLER'S REPORT

JUN 15 1971

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

[illegible]

App 884365
IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

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

1. WELL TAG NO. D 0034239

DRILLING PERMIT NO. 823638
Other IDWR No. 1D 394288

2. OWNER:

Name Swider Larry & Diane
Address P.O. Box 711
City Hailey State ID Zip 83333

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

N
W E S
Twp. 02 North ☒ or South ☐
Rge. 18 East ☒ or West ☐
Sec. 9 1/4 NW 1/4 SW 1/4
Gov't Lot _____ County Blaine
Lat: _____ Long: _____
Address of Well Site 341 Little Indio
City Hailey
Lane _____
(Give a brief name of road or distance to road or landmark)

Lt. 13 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 Replacement

6. DRILL METHOD

☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other

7. SEALING PROCEDURES

SEAL/FILTER PACK			AMOUNT	METHOD
Material	From	To	Sacks or Pounds	
Bentonite	0	19	12 Sks	Overbore

Was drive shoe used? ☒ N Shoe Depth(s) 38'
Was drive shoe seal tested? ☐ Y ☒ N How?

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	+1 1/2	38'	250	Steel	☒	☐	☒	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS

Perforations Method _____
Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
						☐	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

12 ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or control devices: _____

11. WELL TESTS:

☐ Pump ☐ Baller ☐ Air ☐ Flowing Artesian

Yield gal/min.	Drawdown	Pumping Level	Time
60			1 hour

Water Temp. _____ Bottom hole temp. _____

Water Quality test or comments: _____

12. LITHOLOGIC LOG: (Describe repairs or abandonment) Water

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
10	0	6	Top Soil		X
10	6	19	Gravel & Boulders		X
6	19	36	Gravel & Boulders	X	
6	36	38	Clay	X	

RECEIVED
AUG 19 2004
Department of Water Resources
Southern Region

Completed Depth 38' (Measurable)
Date: Started 08-14-04 Completed 08-16-04

13. DRILLER'S CERTIFICATION

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

Company Name Wood River Drilling Firm No 265
& Pump Inc.
Firm Official Ken Smith Date 08-17-04
and
Driller or Operator [Signature] Date _____
(Sign once if Firm Official & Operator)

59165

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

1. WELL TAG NO. D 0008421
 DRILLING PERMIT NO. 37-99-S-0133-000
 Other IDWA No. _____

2. OWNER:
Name Charles Schabacker
Address 2087 Ranch Vista Drive
City Twin Falls State ID Zip 83301

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.



Twp. 2 North ☒ or South ☐
 Rge. 18 East ☒ or West ☐
 Sec. 9 1/4 NW 1/4 SW 1/4
 Gov't Lot 10 acres County Blaine 40 acres 160 acres
 Lat: : : : : : Long: : : : : :
 Address of Well Site 211 1/2 Little
Indio Lane City Hailey
(Give at least three of road - distance to road - direction)

LI. 5 Blk. Sub. Name Little Indio

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			AMOUNT	METHOD
Material	From	To	Sacks or Pounds	
Bentonite	0	20	7Sks	Overbore

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 35'

Was drive shoe seal tested? ☐ Y ☒ N How?

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	+1½	35	250	Steel	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS

Perforations

Method

Screens

Screen Type

From	To	Slot Size	Number	Diameter	Material	Coating	Linear
						☐	☐
						☐	☐
						☐	☐

10. 1 **STATIC WATER LEVEL OR ARTESIAN PRESSURE:**

11 ft. below ground Artesian pressure _____ lb.

Depth flow encountered _____ ft. Describe access port or control devices: _____

11. WELL TESTS:

☐ Pump ☐ Baller ☐ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
35			1 Hour

Water Temp. _____ Bottom hole temp. _____

Water Quality test or comments:

Depth first Water Encounter

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

[illegible]

13. DRILLER'S CERTIFICATION

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

Company Name Good River Drilling Firm No. 265

Firm Official [Signature] Date 12-11-99

Driller or Operator Scott McNamee Date 10-11-99

1 Sign once if First Officer & Operator

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

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

1. WELL TAG NO. D 0050499
DRILLING PERMIT NO. 853718 app. 906340
Water Right or Injection Well No. _____

2. OWNER:

Name IDAHO DEC
Address 1445 N Orchard
City Boise State ID Zip 83706

3. LOCATION OF WELL by legal description:

You must provide address or Lot, Blk, Sub. or Directions to well.

Twp. 2 North ☒ or South ☐
Rge. 13 East ☒ or West ☐
Sec. 9 NW 1/4 SE 1/4 SW 1/4
Gov't Lot _____ County Blaine

Lat: : : Long: : :
Address of Well Site Lima Park

(Give at least name of road + Distance to Road or Landmark)
City Harley
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 Direct Push

7. SEALING PROCEDURES

Seal Material	From	To	Weight / Volume	Seal Placement Method
<u>Bestonite chips</u>	<u>8</u>	<u>2</u>	<u>25 lbs</u>	<u>pur</u>

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

Was drive shoe seal tested? ☐ Y ☐ N How? N/A

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
<u>3/4"</u>	<u>0</u>	<u>10</u>	<u>46</u>	<u>PVC</u>	☒	☐	☐	☒

Length of Headpipe 0 Length of Tailpipe N/A

Packer ☐ Y ☒ N Type _____

9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method Machine slot

Screen Type & Method of Installation PVC / Stainless pre-pack

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
<u>10</u>	<u>20</u>	<u>.01</u>		<u>3/4</u>	<u>PVC</u>	☐	☐

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method
<u>8-12 / 20-40 mesh</u>	<u>20</u>	<u>8</u>	<u>25 lbs</u>	<u>pur</u>

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

10.7 ft. below ground Artesian pressure N/A lb.
Depth flow encountered _____ ft. Describe access port or control devices: _____

12. WELL TESTS:

☒ Pump ☐ Baller ☐ Air ☐ Flowing Artesian

Yield gal/min.	Drawdown	Pumping Level	Time
<u>25 GPM</u>			

Water Temp. 50 °F Bottom hole temp. 50 °F

Water Quality test or comments: _____

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water	Y	N
<u>2"</u>	<u>0</u>	<u>5</u>	<u>Fill with sand & gravel</u>			☒
<u>2"</u>	<u>5</u>	<u>20</u>	<u>Sandy gravel</u>		☒	

RECEIVED

NOV 10 2008

DEPT. OF WATER RESOURCES
SOUTHERN REGION

Completed Depth 20' BGS (Measurable)

Date: Started 10-10-2008 Completed 10-10-2008

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 Terra Graphics Firm No. 463

Principal Driller [Signature] Date 11-7-08

Driller or Operator II _____ Date _____

Operator I _____ Date _____

Principal Driller and Rig Operator Required.
Operator I must have signature of Driller/Operator II.

5 JUN 20 State
1965

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.

[illegible]

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

USE TYPEWRITER OR
BALL POINT PEN

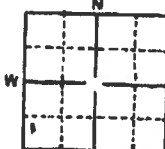
State of Idaho
Department of Water Administration

WELL DRILLER'S REPORT

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

RECEIVED

Department of Water Resources
Southern District Office

1. WELL OWNER Name <u>John Adams</u> Address <u>Hailey, Idaho</u> Owner's Permit No. _____		7. WATER LEVEL Static water level <u>10</u> feet below land surface Flowing? ☐ Yes ☒ No G.P.M. flow _____ Temperature _____ ° F. Quality <u>Good</u> Artesian closed-in pressure _____ p.s.i. Controlled by ☐ Valve ☐ Cap ☐ Plug																																															
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe method of abandoning) _____		8. WELL TEST DATA ☐ Pump ☒ Baller ☐ Other Discharge G.P.M. <u>40</u> Draw Down <u>15 Ft.</u> Hours Pumped <u>3</u>																																															
3. PROPOSED USE ☒ Domestic ☐ Irrigation ☐ Test ☐ Other (specify type) _____ ☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection		9. LITHOLOGIC LOG 033629																																															
4. METHOD DRILLED ☒ Cable ☐ Rotary ☐ Dug ☐ Other _____		<table border="1"><thead><tr><th rowspan="2">Hole Diam.</th><th colspan="2">Depth</th><th rowspan="2">Material</th><th colspan="2">Water</th></tr><tr><th>From</th><th>To</th><th>Yes</th><th>No</th></tr></thead><tbody><tr><td>8"</td><td>1</td><td>4</td><td>Top soil with rocks</td><td></td><td>X</td></tr><tr><td>8 1/2"</td><td>4</td><td>18</td><td>Sandy clay</td><td></td><td>X</td></tr><tr><td>6"</td><td>18</td><td>30</td><td>Sandy clay</td><td></td><td>X</td></tr><tr><td>6"</td><td>30</td><td>36</td><td>Gravel</td><td>X</td><td></td></tr><tr><td>6"</td><td>36</td><td>40</td><td>Clay with sand</td><td></td><td>X</td></tr><tr><td>6"</td><td>40</td><td>43</td><td>Gravel</td><td>X</td><td></td></tr></tbody></table>		Hole Diam.	Depth		Material	Water		From	To	Yes	No	8"	1	4	Top soil with rocks		X	8 1/2"	4	18	Sandy clay		X	6"	18	30	Sandy clay		X	6"	30	36	Gravel	X		6"	36	40	Clay with sand		X	6"	40	43	Gravel	X	
Hole Diam.	Depth		Material		Water																																												
	From	To		Yes	No																																												
8"	1	4	Top soil with rocks		X																																												
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6"	36	40	Clay with sand		X																																												
6"	40	43	Gravel	X																																													
5. WELL CONSTRUCTION Diameter of hole <u>6</u> inches Total depth <u>43</u> feet Casing schedule: ☒ Steel ☐ Concrete Thickness <u>250</u> inches Diameter <u>6</u> inches From <u>1</u> feet To <u>43</u> feet Inches inches feet feet Inches inches feet feet Inches inches feet feet Inches inches feet feet Inches inches feet feet Was a pecker 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 <u>18</u> Material used in seal ☐ Cement grout ☒ Pudding clay ☐ Well cuttings Sealing procedure used ☐ Shurry pit ☒ Temporary surface casing ☐ Overhaul to seal depth																																																	
6. LOCATION OF WELL Sketch map location must agree with written location.  Subdivision Name _____ Lot No. _____ Block No. _____ County <u>Blaine</u> SW 1/4 SW 1/4 Sec. <u>9</u> T. <u>2N</u> N/S, R. <u>18E</u> E/W		10. Work started <u>6/7/76</u> finished <u>6/8/76</u>																																															
		11. DRILLERS CERTIFICATION Firm Name <u>Ken Smith Well Drilling</u> Firm No. <u>265</u> Address <u>Box 1165 Hailey, Idaho</u> Date <u>7/26/76</u> Signed by (Firm Official) <u>Ken Smith</u> and Operator <u>Bill Williams</u>																																															

USE ADDITIONAL SHEETS IF NECESSARY

FORWARD THE WHITE COPY TO THE DEPARTMENT

REPORT OF WELL DRILLER
State of Idaho

RECEIVED

SEP 2 1968

Department of Reclamation

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 W A Lewis
Address 503 Seventh Ave S
Boise Idaho

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 _____
"Diam. from 0 ft. to 40 ft.
"Diam. from _____ ft. to _____ 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: _____

Did any strata contain unusable water? Yes ☐

No. ☒ Type of water: _____

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 Blaine
SW 1/4 SW 1/4 Sec. 9 T. 2 N. 3 R. 18 E. 1/4

Size of drilled hole: 6 Total
depth of well: 42 Standing water
level below ground: 10 Temp.
Fahr. 53 ° Test delivery: 20 gpm
or _____ cfs Pump? ☐ Bail ☒
Size of pump and motor used to make test: _____

Length of time of test: 2 Hrs. _____ Min.

Drawdown: light 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 MATERIAL WATER

FROM TO YES OR NO

FEET FEET

0 10 Surface _____

1 10 Gravel _____

11 13 Gravel yes

13 27 Gravel & clay _____

17 40 Very little water yes

18 40 Yellow clay no

18 40 Broken Red Rock shale no

40 43 Red Rock shale yes

Use other side for additional remarks

USGS

FORWARD THE WHITE, BLUE, AND PINK COPIES TO THE DEPARTMENT

JAN 12 1967

REPORT OF WELL DRILLER State of Idaho

Department of Reclamation

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 CALVIN J. ROBERTSONAddress HAILEY, IDAHO

Owner's Permit No. _____

NATURE OF WORK (check): Replacement well ☐
New well ☒ Deepened ☐ Abandoned ☐Water is to be used for: DOMESTICMETHOD OF CONSTRUCTION: Rotary ☐ Cable ☒
Dug ☐ Other _____

(explain) _____

CASING SCHEDULE: Threaded _____ Welded ☒

6 5/8" Diam. from 0 ft. to 50 ft.

"Diam. from _____ ft. to _____ ft.

"Diam. from _____ ft. to _____ ft.

"Diam. from _____ ft. to _____ ft.

Thickness of casing: 258 Material: _____Steel ☒ concrete ☐ wood ☐ other ☐

(explain) _____

PERFORATED? Yes ☒ No ☐ Type of
perforator used: MILLSSize of perforations: 3/8 w " by 2 1/2 "perforations from 39 ft. to 42 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: _____

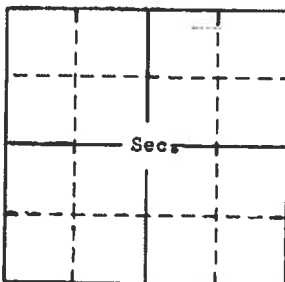
Did any strata contain unusable water? Yes ☐No. ☐ Type of water: _____

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 PLAINEFR NE 4 SW 4 Sec. 9 T. 2 N 7 R. 18 E 4 TAX LOT

NO. 3480.

Use other side for additional remarks

Size of drilled hole: 6" Total
depth of well: 50' Standing water
level below ground: 7' Temp. _____
Fahr. _____ Test delivery: _____ gpm
or _____ cfs Pump? ☐ Bail ☐
Size of pump and motor used to make test: _____

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 MATERIAL 39391 WATER

FROM TO FEET FEET YES OR NO

0 24 TOPSOIL

24 8 FINE GRAVEL YES

8 18 BOULDERS OF FINE GRAVEL

18 38 HEAVY CLAY, BOULDERS AND GRAVEL

38 50 GRAVEL, SAND AND CLAY YES

Work started: 9-19-66Work finished: 9-22-66Well Driller's Statement: This well was
drilled under my supervision and this report
is true to the best of my knowledge.Name: SMITH DRILLING AND PUMP CO. INC.Address: 365 WEST MAIN JEROME, IDAHO 83338Signed by: James E. SmithLicense No. 71 Date: 1-10-67

RECEIVED

REPORT OF WELL DRILLER
State of Idaho

Department of Reclamation

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 B.C. EVELY

Address HAILEY, IDAHO

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 ☒
6 "Diam. from 0 0 ft. to 32 ft.
"Diam. from _____ ft. to _____ 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 _____

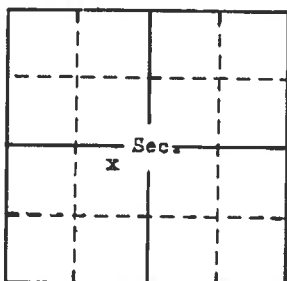
Type _____ Model No. _____
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

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: GROUTED WITH CLAY WHILE PUTTING CASING DOWN

Did any strata contain unusable water? Yes ☐
No ☒ Type of water: _____
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 BLAINE

NE 1/4 SW 1/4 Sec. 9 T.2n N. 18E/W

Use other side for additional remarks

Size of drilled hole: 6" Total depth of well: 32ft Standing water level below ground: 4ft Temp. _____ Fahr. _____ Test delivery: OVER 25 gpm or _____ cfs Pump? ☐ Bail ☒ Size of pump and motor used to make test: _____

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		MATERIAL	WATER YES OR NO
FROM	TO		
0	5	GRAVEL & BOULDERS	NO
5	21	GRAVEL & BOULDERS	YES
21	30	GRAVEL SET IN CLAY	NO
30	32	GRAVEL WITH WATER	YES

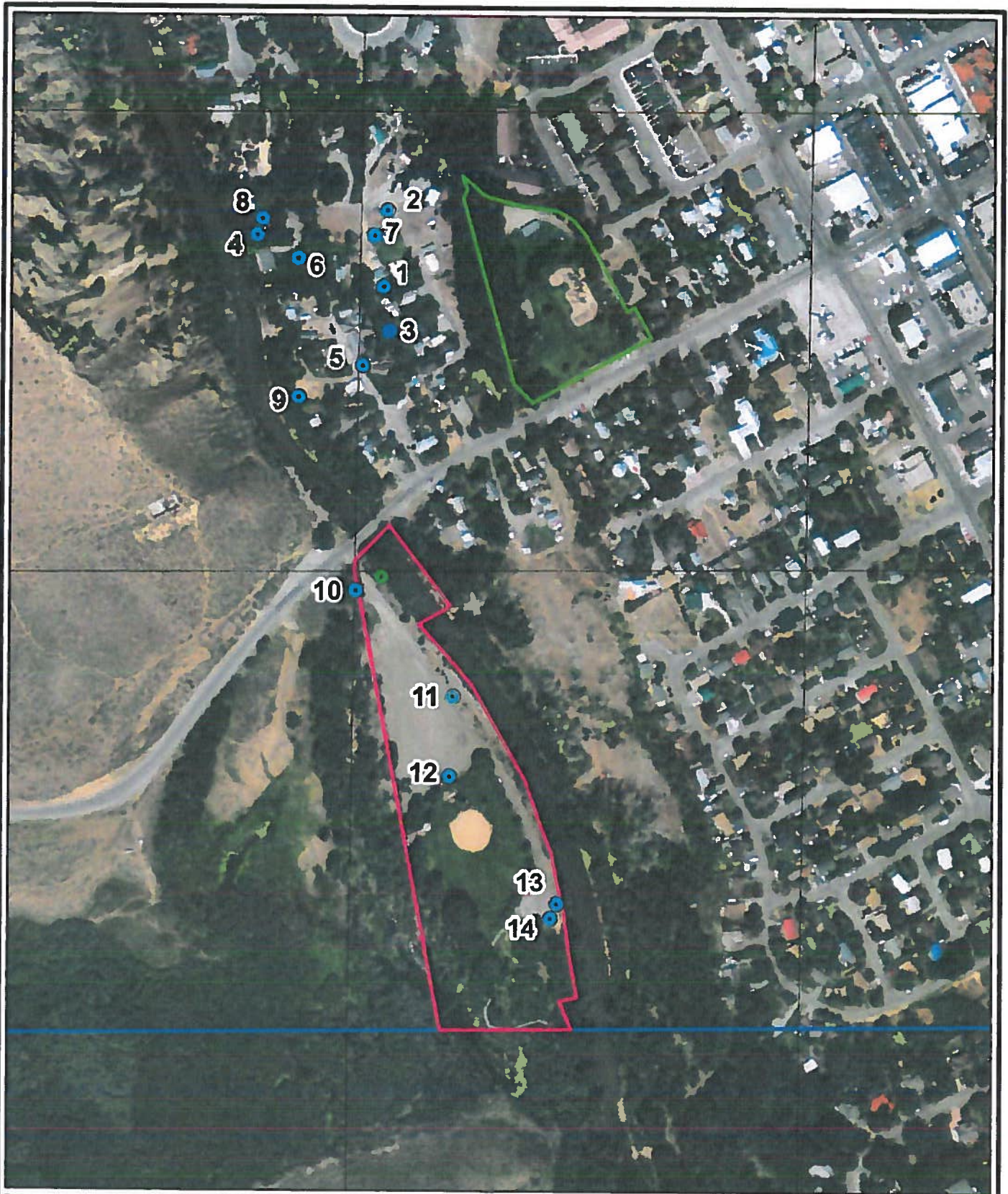
Work started: 17 APRIL 1969
Work finished: 18 APRIL 1969
Well Driller's Statement: This well was drilled under my supervision and this report is true to the best of my knowledge.
Name: CLAUDE NICHOLSON
Address: BOX 322 SHOSHONE, IDAHO
Signed by: Claude Nicholson
License No. 159 Date: 27 MAY 1969

USGS

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.

[illegible]

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



Proposed Well



Recorded Well



Hop Porter Park



Lions Park

Location of Recorded Wells
within 1/4-mile of Proposed Well



500

Feet



SPF WATER
ENGINEERING

Attachment 4 – Water Rights to be Used for Mitigation

Idaho Department of Water Resources
Southern Region Office
1341 Fillmore St., Suite 200
Twin Falls, ID 83301-3380

Re: Application for Permit and Mitigation Plan for the City of Hailey
Water Right Nos.: 37-22773, 37-22774, 37-22775, 37-22776

Dear Sir or Madam,

The Hiawatha Canal Water User Association of Lateral or Laterals (Hiawatha) has reviewed the *Application for Permit* for the City of Hailey (City) which proposes a new appropriation from a shallow well in Lions Park to irrigate both Lions Park and Hop Porter Park. The City proposes mitigation of this new appropriation through non-diversion and non-use of the water rights captioned above. We understand that the City proposes leaving behind 20% of the portions of the water rights being transferred to account for conveyance of the remaining rights in the Hiawatha Canal. We also understand the City's intention to convey ownership of those 20% portions of the water rights to Hiawatha after the transfer is approved.

We approve of the City's permit application and mitigation plan as proposed.

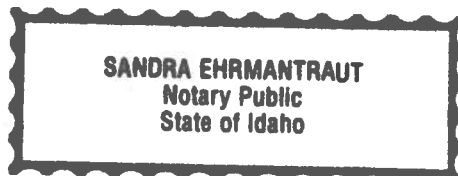
Sincerely,



Title: Chairman

State of Idaho)
County of Blaine) SS.
_____)

Subscribed and sworn (or affirmed) before me this 8th day of April, 2013.


Notary Public

Residing at Hailey

My Commission Expires 7.26.18

IDAHO DEPARTMENT OF WATER RESOURCES

Water Right Report 37-22773

WATER RIGHT NUMBER: 37-22773

<u>Owner Type</u>	<u>Name and Address</u>
Original Owner	WOOD RIVER VALLEY ASSOCIATES 2710 SUNRISE RIM RD BOISE, ID 83705 (208)344-8502
Previous Owner	EMB-HAILEY LP A CALIFORNIA LTD PTNR 9533 W PICO BLVD STE A LOS ANGELES, CA 90035 (213)271-2699
Current Owner	CITY OF HAILEY 115 S MAIN ST #H HAILEY, ID 83333 (208)788-4221

Priority Date: 05/01/1888

Basis: Decreed

Status: Active

<u>Source</u>	<u>Tributary</u>
BIG WOOD RIVER	MALAD RIVER

<u>Beneficial Use</u>	<u>From</u>	<u>To</u>	<u>Diversion Rate</u>	<u>Annual Volume</u>
IRRIGATION	04/15	to 10/31	0.19 CFS	
	<u>Total Diversion:</u>		0.19 CFS	

Location of Point(s) of Diversion

BIG WOOD RIVER	SW1/4NW1/4	Sec. 20, Twp 03N, Rge 18E, B.M.
BLAINE County		

Place of Use

IRRIGATION

Twp	Rge	Sec	NE	NW	SW	SE	Totals
02N	18E	4	3.1	3.4	8.9	7.4	22.8
			L 3				

Total Acres: 22.8

Conditions of Approval:

1. E55 Right Nos. 37-22773, 37-22774, 37-22775 and 37-22776 are limited to the irrigation of a combined total of 22.8 acres in a single irrigation season.
2. This right is a split from former right 37-21811
3. The rights listed below, shall provide nor more than 3.5 afa per acre at the field headgate for irrigation of the lands in the place of use whenever sprinkler methods of irrigation are used. Combined Right Nos. 37-22773, 37-22774, 37-22775 and 37-22776.

IDAHO DEPARTMENT OF WATER RESOURCES

Water Right Report 37-22773

4. C18 This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.
5. G05 Water diverted from Headgate #22 delivered through Hiawatha Canal.
6. The diversion rate of this right is .194 cfs.

Remarks:Comments:

1. dsmith 8/23/2012 Ownership Change
Comment: This water right split from 37-21811

2. dsmith 8/24/2012 12:19:03 PM POU
Comment: Updated Shape

3. dsmith 8/24/2012 12:21:54 PM POD
Comment: Updated Shape

Dates and Other Information:

Licensed Date:
Decreed Date: 8/30/2011
Enlargement Use Priority Date:
Enlargement Statute Priority Date:
State or Federal: S
Owner Name Connector:
Water District Number:
Generic Max Rate Per Acre:
Generic Max Volume Per Acre:
Decree Defendant:
Decree Plaintiff:
Civil Case Number: 39576
Judicial District: FIFTH
Swan Falls Trust or Nontrust:
Swan Falls Dismissed:
DLE Act Number:
Carey Act Number:
Mitigation Plan: False

Combined Use Limits:

<u>Rate</u>	<u>Volume</u>	<u>Acres</u>
1		22.8

Combined Water Rights: 37-22773 , 37-22774 , 37-22775 , 37-22776

Water Supply Bank:

IDAHO DEPARTMENT OF WATER RESOURCES

Water Right Report 37-22774

WATER RIGHT NUMBER: 37-22774

<u>Owner Type</u>	<u>Name and Address</u>
Previous Owner	EMB-HAILEY LP A CALIFORNIA LTD PTNR 9533 W PICO BLVD STE A LOS ANGELES, CA 90035 (213)271-2699
Original Owner	WOOD RIVER VALLEY ASSOCIATES 2710 SUNRISE RIM RD BOISE, ID 83705 (208)344-8502
Current Owner	CITY OF HAILEY 115 S MAIN ST #H HAILEY, ID 83333 (208)788-4221

Priority Date: 09/18/1885

Basis: Decreed

Status: Active

<u>Source</u>	<u>Tributary</u>
BIG WOOD RIVER	MALAD RIVER

<u>Beneficial Use</u>	<u>From</u> <u>To</u>	<u>Diversion Rate</u>	<u>Annual Volume</u>
IRRIGATION	04/15 to 10/31	0.20 CFS	
	<u>Total Diversion:</u>	0.20 CFS	

Location of Point(s) of Diversion

BIG WOOD RIVER	SW1/4NW1/4	Sec. 20, Twp 03N, Rge 18E, B.M.
BLAINE County		

Place of Use

IRRIGATION

Twp	Rge	Sec	NE	NW	SW	SE	Totals
02N	18E	4	3.1	3.4	8.9	7.4	22.8

Total Acres: 22.8

Conditions of Approval:

1. The diversion rate of this right is .195 cfs.
2. This right is a split from former right 37-21813.
3. The rights listed below, shall provide nor more than 3.5 afa per acre at the field headgate for irrigation of the lands in the place of use whenever sprinkler methods of irrigation are used. Combined Right Nos. 37-22773, 37-22774, 37-22775 and 37-22776.

IDAHO DEPARTMENT OF WATER RESOURCES

Water Right Report 37-22774

4. C18 This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.
5. E55 Right Nos. 37-22773, 37-22774, 37-22775 and 37-22776 are limited to the irrigation of a combined total of 22.8 acres in a single irrigation season.
6. G05 Water diverted from Headgate #22 delivered through Hiawatha Canal.

Remarks:Comments:

1. dsmith 8/23/2012 Ownership Change
Comment: Split from 337-21813
2. dsmith 8/24/2012 1:17:51 PM POD
Comment: Updated Shape
3. dsmith 8/24/2012 1:22:20 PM POU
Comment: Updated Shape

Dates and Other Information:

Licensed Date:
 Decreed Date: 8/30/2010
 Enlargement Use Priority Date:
 Enlargement Statute Priority Date:
 State or Federal: S
 Owner Name Connector:
 Water District Number:
 Generic Max Rate Per Acre:
 Generic Max Volume Per Acre:
 Decree Defendant:
 Decree Plaintiff:
 Civil Case Number: 39576
 Judicial District: FIFTH
 Swan Falls Trust or Nontrust:
 Swan Falls Dismissed:
 DLE Act Number:
 Carey Act Number:
 Mitigation Plan: False

Combined Use Limits:

<u>Rate</u>	<u>Volume</u>	<u>Acres</u>
1		22.8

Combined Water Rights: 37-22773 , 37-22774 , 37-22775 , 37-22776

Water Supply Bank:

IDAHO DEPARTMENT OF WATER RESOURCES

Water Right Report 37-22775

WATER RIGHT NUMBER: 37-22775

<u>Owner Type</u>	<u>Name and Address</u>
Original Owner	WOOD RIVER VALLEY ASSOCIATES 2710 SUNRISE RIM RD BOISE, ID 83705 (208)344-8502
Previous Owner	EMB-HAILEY LP A CALIFORNIA LTD PTNR 9533 W PICO BLVD STE A LOS ANGELES, CA 90035 (213)271-2699
Current Owner	CITY OF HAILEY 115 S MAIN ST #H HAILEY, ID 83333 (208)788-4221

Priority Date: 06/30/1884

Basis: Decreed

Status: Active

<u>Source</u>	<u>Tributary</u>
BIG WOOD RIVER	MALAD RIVER

<u>Beneficial Use</u>	<u>From</u> <u>To</u>	<u>Diversion Rate</u>	<u>Annual Volume</u>
IRRIGATION	04/15 to 10/31	0.39 CFS	
	<u>Total Diversion:</u>	0.39 CFS	

Location of Point(s) of Diversion

BIG WOOD RIVER	SW1/4NW1/4	Sec. 20, Twp 03N, Rge 18E, B.M.
BLAINE County		

Place of Use

IRRIGATION

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
02N 18E 4					3.1				3.4	8.9						7.4	22.8
					L 3												

Total Acres: 22.8

Conditions of Approval:

- The rights listed below, shall provide not more than 3.5 afa per acre at the field headgate for irrigation of the lands in the place of use whenever sprinkler methods of irrigation are used. Combined Right Nos. 337-22773, 37-22774, 37-22775 and 37-22776.
- G05 Water diverted from Headgate #22 delivered through Hiawatha Canal.
- E55 Right Nos. 37-22773, 37-22774, 37-22775 and 37-22776 are limited to the irrigation of a combined total of 22.8 acres in a single irrigation season.

IDAHO DEPARTMENT OF WATER RESOURCES

Water Right Report 37-22775

4. C18 This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.
5. The diversion rate of this right is .387 cfs.
6. This right is a split from former right 37-21815.

Remarks:Comments:

1. dsmith 8/24/2012 Ownership Change
Comment: Split from 37-21815
2. dsmith 8/24/2012 1:39:15 PM POU
Comment: Updated Shape
3. dsmith 8/24/2012 1:40:12 PM POD
Comment: Updated Shape

Dates and Other Information:

Licensed Date:
 Decreed Date: 8/30/2010
 Enlargement Use Priority Date:
 Enlargement Statute Priority Date:
 State or Federal: S
 Owner Name Connector:
 Water District Number:
 Generic Max Rate Per Acre:
 Generic Max Volume Per Acre:
 Decree Defendant:
 Decree Plaintiff:
 Civil Case Number: 39576
 Judicial District: FIFTH
 Swan Falls Trust or Nontrust:
 Swan Falls Dismissed:
 DLE Act Number:
 Carey Act Number:
 Mitigation Plan: False

Combined Use Limits:

<u>Rate</u>	<u>Volume</u>	<u>Acres</u>
1		22.8

Combined Water Rights: 37-22773 , 37-22774 , 37-22775 , 37-22776

Water Supply Bank:

IDAHO DEPARTMENT OF WATER RESOURCES

Water Right Report 37-22776

WATER RIGHT NUMBER: 37-22776

<u>Owner Type</u>	<u>Name and Address</u>
Original Owner	WOOD RIVER VALLEY ASSOCIATES 2710 SUNRISE RIM RD BOISE, ID 83705 (208)344-8502
Previous Owner	EMB-HAILEY LP A CALIFORNIA LTD PTNR 9533 W PICO BLVD STE A LOS ANGELES, CA 90035 (213)271-2699
Current Owner	CITY OF HAILEY 115 S MAIN ST #H HAILEY, ID 83333 (208)788-4221

Priority Date: 03/24/1883

Basis: Decreed

Status: Active

<u>Source</u>	<u>Tributary</u>
BIG WOOD RIVER	MALAD RIVER

<u>Beneficial Use</u>	<u>From</u> <u>To</u>	<u>Diversion Rate</u>	<u>Annual Volume</u>
IRRIGATION	04/15 to 10/31	0.23 CFS	
	<u>Total Diversion:</u>	0.23 CFS	

Location of Point(s) of Diversion

BIG WOOD RIVER	SW1/4NW1/4	Sec. 20, Twp 03N, Rge 18E, B.M.
BLAINE County		

Place of Use

IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
02N	18E	4					3.1			3.4	8.9			7.4					22.8
							L 3												

Total Acres: 22.8

Conditions of Approval:

- The diversion rate of this right is .235 cfs.
- The rights listed below, shall provide nor more than 3.5 afa per acre at the field headgate for irrigation of the lands in the place of use whenever sprinkler methods of irrigation are used. Combined Right Nos. 37-22773, 37-22774, 37-22775 and 37-22776.

IDAHO DEPARTMENT OF WATER RESOURCES

Water Right Report 37-22776

3. C18 This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.
4. This right is a split from former right 37-21817 .
5. E55 Right Nos. 37-22773, 37-22774, 37-22775 and 37-22776 are limited to the irrigation of a combined total of 22.8 acres in a single irrigation season.
6. G05 Water diverted from Headgate #22 delivered through Hiawatha Canal.

Remarks:Comments:

1. dsmith 8/24/2012 Ownership Change
Comment: Split from 37-21817
2. dsmith 8/24/2012 1:40:56 PM POD
Comment: Updated Shape
3. dsmith 8/24/2012 1:42:00 PM POU
Comment: Updated Shape

Dates and Other Information:

Licensed Date:
 Decreed Date: 8/30/2010
 Enlargement Use Priority Date:
 Enlargement Statute Priority Date:
 State or Federal: S
 Owner Name Connector:
 Water District Number:
 Generic Max Rate Per Acre:
 Generic Max Volume Per Acre:
 Decree Defendant:
 Decree Plaintiff:
 Civil Case Number: 39576
 Judicial District: FIFTH
 Swan Falls Trust or Nontrust:
 Swan Falls Dismissed:
 DLE Act Number:
 Carey Act Number:
 Mitigation Plan: False

Combined Use Limits:

<u>Rate</u>	<u>Volume</u>	<u>Acres</u>
1		22.8
Combined Water Rights: 37-22773 , 37-22774 , 37-22775 , 37-22776		

Water Supply Bank:



Idaho Department of Water Resources

Water Right

37-22773

37-22774

37-22775

37-22776

(IRRIGATION)

● Point of Diversion

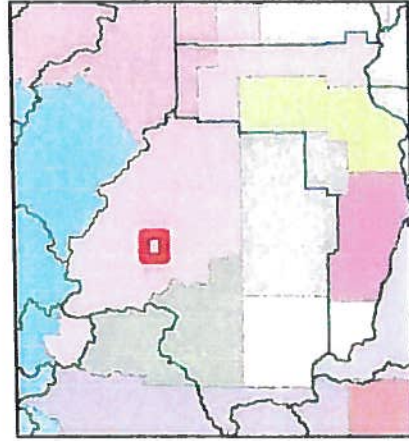
□ Place of Use

□ State Outline

□ Townships

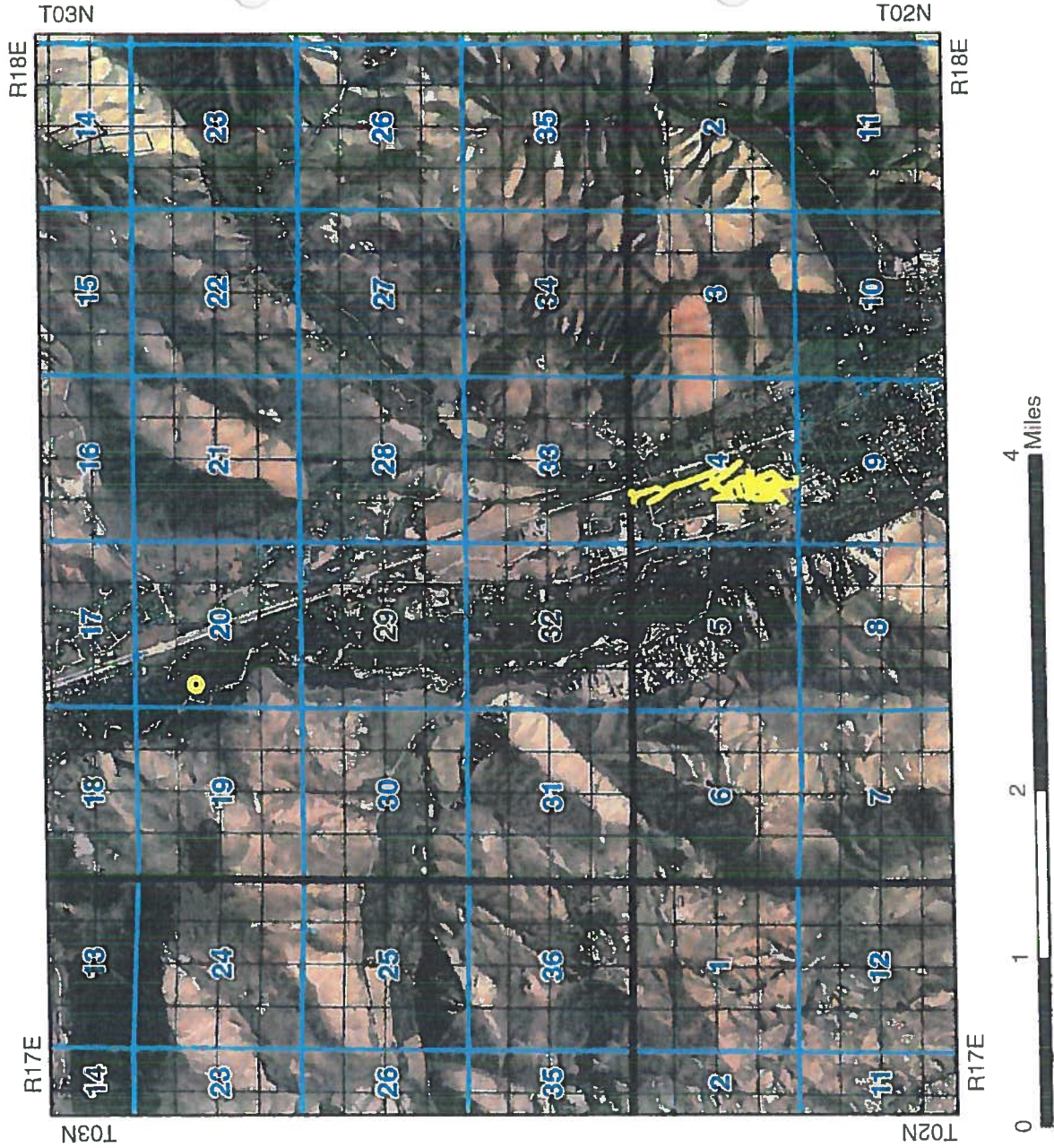
□ PLS Sections

□ Quarter Quarters



Blaine County
IDWR Basin 37

Prepared by Smith, Danni
On August 24, 2012
2009 Aerial Photography



Owner: City Of Hailey
NOTE: Only one owner is listed. There may or may not be more than this in the IDWR database.

T02N R18E S4



Current Place of Use

Location of Water Rights to be used for Mitigation
2011 NAIP Photography



1,000

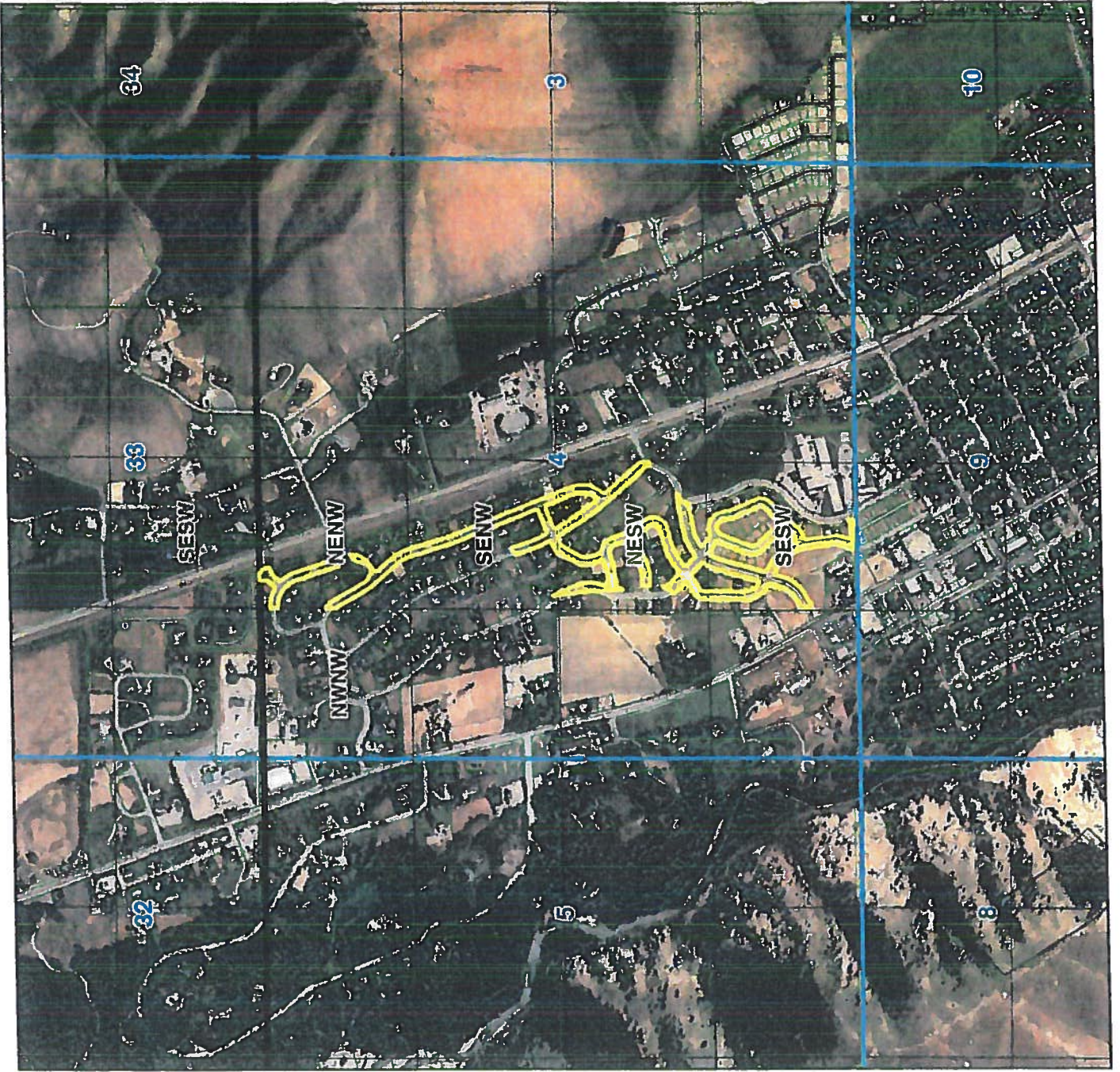
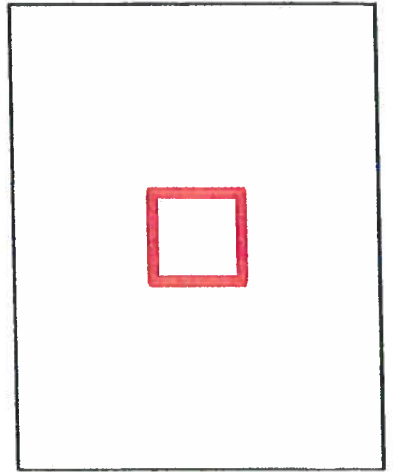
Feet



SPF WATER
ENGINEERING



37-22773
37-22774
37-22775
37-22776





State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region, 1341 Fillmore Street, Suite 200 • Twin Falls, Idaho 83301-3380

Phone: (208) 736-3033 • Fax: (208) 736-3037 • Web Site: www.idwr.idaho.gov

C. L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

May 10, 2013

CITY OF HAILEY
115 S MAIN ST #H
HAILEY, ID 83333

RE: Application For Permit No. 37-22825

Dear Applicant(s):

The Department of Water Resources has received your water right application. Please refer to the number referenced above in all future correspondence regarding this application.

A legal notice of the application has been prepared and is scheduled for publication in the **IDAHO MOUNTAIN EXPRESS** on **5/15/2013** and **5/22/2013**. Protests to this application may be submitted for a period ending ten (10) days after the second publication (**June 3, 2013**).

If the application is protested, you will be sent a copy of each protest. All protests must be resolved before the application can be considered for approval. If the protest(s) cannot be resolved voluntarily, the Department will conduct a conference and/or hearing on the matter.

If the application is not protested, the Department will process your application and notify you of any action taken on the application. If your application is approved, the Department will send you a copy of the permit.

Please contact this office if you have any questions regarding the application.

Sincerely,

Denise Maline
Administrative Assistant

cc:

SPF WATER ENGINEERING LLC
C/O ROXANNE BROWN
300 E MALLARD DR STE 350
BOISE, ID 83706

Maline, Denise

From: Maline, Denise
Sent: Thursday, May 09, 2013 3:49 PM
To: Idaho Mountain Express
Subject: LEGAL NOTICE
Attachments: Idaho Mtn Express Cover Letter.docx; Idaho Mtn Express Ad.docx

Attached please find (1) legal notice being submitted for publication on May 15th & 22nd, 2013. Please contact me if you have any questions, or if you are not able to run the ad on the dates requested.

Thank you in advance,

Denise Maline
Administrative Assistant, Southern Region
Idaho Dept of Water Resources
1341 Fillmore St, Ste 200
Twin Falls, ID 83301
(208) 736-3033
denise.maline@idwr.idaho.gov

May 9, 2013

LEGAL NOTICE DEPARTMENT
IDAHO MOUNTAIN EXPRESS
PO BOX 1013
KETCHUM, ID 83340

RE: Application For Permit No.(s): 37-22825

Dear Legal Notice Department:

Please publish the enclosed legal notice on the dates indicated (once a week for two consecutive weekly issues). If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Please send the affidavit and bill to this office before June 3, 2013. Your cooperation is appreciated.

Sincerely,

Denise Maline
Administrative Assistant

Enclosure(s)

The following application(s) have been filed to appropriate the public waters of the State of Idaho:

37-22825

CITY OF HAILEY

115 S MAIN ST #H

HAILEY, ID 83333

Point of Diversion NWSESW S9 T02N R18E BLAINE County Source GROUND WATER Tributary

Use: IRRIGATION 04/15 to 10/31 0.49 CFS

Total Diversion: 0.49 CFS

Date Filed: 4/26/2013

Place Of Use: IRRIGATION

T02N R18E S9 NESW SESW

Total Acres: 6.2

Application proposes diverting up to 0.49 cfs of ground water from a new well for the irrigation of 6.2 acres at the Lions Park (3.2 acres) and the Hop Porter Park (3.0 acres) in the City of Hailey. Application includes a mitigation plan that proposes drying up 6.2 acres in the Northridge Subdivision located approximately 1.0 mi. north of the center of Hailey on the west side of HWY 75.

Permits will be subject to all prior water rights. For additional information concerning the property location, contact Southern Region office at (208) 736-3033; or for a full description of the right(s), please see www.idwr.idaho.gov/apps/ExtSearch/WRFiling.asp. Protests may be submitted based on the criteria of Idaho Code § 42-203A. Any protest against the approval of this application must be filed with the Director, Dept. of Water Resources, Southern Region, 1341 Fillmore St, Suite 200, Twin Falls, ID 83301 together with a protest fee of \$25.00 for each application on or before June 3, 2013. The protestant must also send a copy of the protest to the applicant.

GARY SPACKMAN, Director

Published on May 15th & 22nd, 2013

Maline, Denise

From: Maline, Denise
Sent: Thursday, May 09, 2013 4:37 PM
To: 'Kevin Lakey'
Subject: Comment Letter for 37-22825
Attachments: Comment Letter to Kevin Lakey.pdf; 37-22825 App.pdf

Kevin --

Attached please find an Application for Permit, along with a cover letter and recommendation form. Please review the information and provide any comments you may have, within the next 21 days. If you have any questions regarding this information, please feel free to contact our office.

Sincerely,

Denise Maline
Administrative Assistant, Southern Region
Idaho Dept of Water Resources
1341 Fillmore St, Ste 200
Twin Falls, ID 83301
(208) 736-3033
denise.maline@idwr.idaho.gov



State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region, 1341 Fillmore Street, Suite 200 • Twin Falls, Idaho 83301-3380

Phone: (208) 736-3033 • Fax: (208) 736-3037 • Web Site: www.idwr.idaho.gov

C. L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

May 9, 2013

KEVIN LAKEY
WATER DISTRICT #37
107 W 1ST
SHOSHONE, ID 83352

Via e-mail

RE: Application for Permit: 37-22825

Dear Mr. Lakey:

A copy of the above referenced application is enclosed. Please review the application, then complete the enclosed recommendation form and return it to this office within 21 days of the date of this letter.

If the application is approved, IDWR will include appropriate standard conditions of approval for a water right located within a water district, such as regulation by the watermaster, lockable controlling works, and/or measuring devices. Any special conditions or other concerns you have related to this application should be specifically addressed in your recommendation.

IDWR's regional offices can finish reviewing an unprotested application as soon as the protest period has past. Your prompt response to this request will ensure that your recommendation can be considered. If IDWR has not received your written recommendation within 21 days from the date of this letter, IDWR will presume that you do not oppose approval of the application and that you have no comments for IDWR to consider.

Sincerely,

Denise Maline
Administrative Assistant

Enclosure(s)



SPF WATER
ENGINEERING

RECEIVED

APR 24 2013

DEPARTMENT OF
WATER RESOURCES

April 24, 2013

Allen Merritt, Region Manager
Idaho Department of Water Resources
1341 Fillmore St., Suite 200
Twin Falls, ID 83301-3380

RECEIVED

APR 26 2013

DEPT. OF WATER RESOURCES
SOUTHERN REGION

Subject: Application for Permit – City of Hailey, Lions Park

Dear Allen,

Please find enclosed an *Application for Permit* (with supporting maps and documents) submitted by the City of Hailey for the irrigation of Lions Park and Hop Porter Park. The City is currently irrigating these parks with their potable water supply and proposes a new shallow well for irrigation, to be mitigated by non-use and non-diversion of water rights historically delivered in the Hiawatha Canal.

Geographic information system (GIS) data depicting the proposed point of diversion and place of use are available from SPF upon request. We would be happy to provide the data by email. Check No. 7397 is enclosed for the filing fee.

Please contact me if there are additional questions.

Sincerely,

Roxanne Brown
Sr. Water Rights Specialist

cc: City of Hailey

Enclosure

SPF Project No.: 330.0140