



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
OCT 06 2014
DEPARTMENT OF
WATER RESOURCES

A Beneficial Use Field Report is prepared by a water right examiner as the result of an examination to clearly confirm and establish the extent of the beneficial use of water established in connection with a permit during the development period authorized by the permit and any extensions of time previously approved.

A. GENERAL INFORMATIONPermit No. 63-102111. Owner City of NampaPhone No. (208) 468-5420Current address 411 Third Street South, Nampa ID 836512. Examiner's name Scott N. King, PEEXAM DATE June 9, 20143. Accompanied by Albert Garcia

Email _____

Address 411 Third Street South, Nampa ID 83651Relationship to permit holder Water system operatorPhone No. (208) 468-54204. Source groundwater

tributary to _____

B. OVERLAP REVIEW1. Other water rights with the same place of use See Attachment E2. Other water rights with the same source and point of diversion None.**C. DIVERSION AND DELIVERY SYSTEM**1. Point(s) of Diversion: See Point of Diversion Supplement

Ident. No.	Gov't Lot	1/4	1/4	1/4	Sec	Twp	Rge	County	Method of Determination/Remarks

2. Place(s) of Use: _____

Method of determination _____

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

Place of use is within the service area of the applicant's municipal water supply system as provided for under Idaho Law.

Ident. No. 63-10211

Attachment to: ☐ Application for Permit to Appropriate Water ☐ Application for Transfer** ☐ Adjudication Claim
☐ Application for Amendment of Permit ☒ Beneficial Use Field Report ☐ Statutory Claim

[illegible]

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.

[illegible]

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe diameter (inside), as applicable. Use the space provided or ☒ see attached.

Scale: 1" = _____

- ☒ Copy of USGS Quadrangle attached showing location(s) of point(s) of diversion and place(s) of use (**required**)
☒ Aerial photo attached (required for irrigation of 10+ acres)
☒ Photo of diversion and system attached

4. See Attachment C.4

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size

*Code to correspond with no. on map and aerial photo

D. FLOW MEASUREMENTS See Attachment F

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements: _____

E. NARRATIVE/REMARKS/COMMENTS

All eight ground water wells and pumps described in this report diverted water to the City of Nampa's municipal pressurized irrigation system at the time the water right was developed (1989). The pumps turn on and off based on system demands with system pressure used as the demand indicator. During the exam, system demand was low based on statements by the system operator, Albert Garcia, and observations that many pumps were off, and for those that were on pressure was high. For example, the Venice pump is set to turn on at 55 psi and off at 78 psi. Pressure during the exam was 75 psi. The Juniper, Boone, and Winther pumps were off due to low demand. City staff report that the Young and West Park pumps were operational in the 1980s and 1990s, but have not been used since 2000. The Young well and pump facility is still in place and can be treated as a source of backup supply when needed. The West Park facility is no longer in service. We understand all examined wells were constructed prior to 1980. Well driller's logs were available for only the Juniper and Venice wells (see Attachment B). Existing flow meters were read at each operating pump site (Meadowbrook I, Sweetwood, and Venice; see Attachment F), but we assume these measurements are not indicative of system capacity due to low system demands and high system pressure conditions. Recommended diversion rates are based on information supplied by the City to IDWR in 2004. The information (with a copy of a letter submitted by the City's attorney John Marshall), and a summary of the pump capacities is included as Attachment H.

Has the permit holder met all conditions of permit approval, including any mitigation requirements and/or measuring device installation requirements? ☒ Yes ☐ No If no, what must be done to meet the permit requirements?

F. FLOW CALCULATIONS☐ Additional computation sheets attached

Measured Method:

From City records, see Attachment H

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

 $V_{I,R} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ _____ $V_{D,R} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 =$ _____ $V = \text{Smaller of } V_{I,R} \text{ and } V_{D,R} =$ _____

2. Volume Calculations for Other Uses:

No volume calculation is required for municipal use.

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Municipal	1/1	12/31	7.71	
Totals:			7.71	

2. Recommended Amendments

☐ Change P.D. as reflected on page 1☐ Add P.D. as reflected on page 1☒ None☐ Change P.U. as reflected on page 1☐ Add P.U. as reflected on page 1☐ Other**I. AUTHENTICATION**Field Examiner's Signature Scott N. KingDate October 3, 2014

Reviewer _____

Date _____



ATTACHMENT A

PERMIT RECORD AND PROOF OF BENEFICIAL USE

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

APPROVED

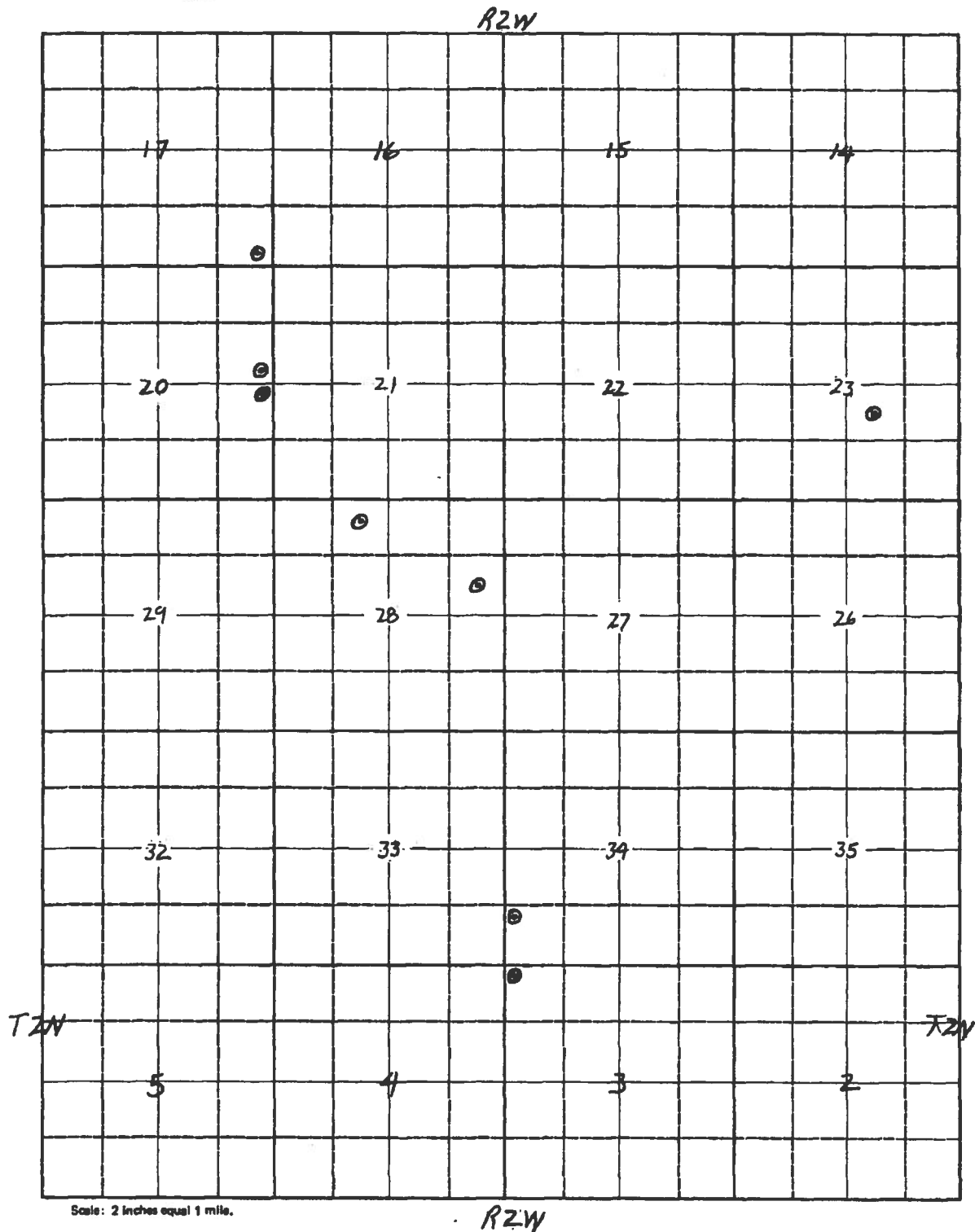
1. Name of applicant CITY OF NAMPA Phone 466-9221
Post office address 411 - 3rd. St. South, Nampa, ID 83651
2. Source of water supply groundwater which is a tributary of _____
3. Location of point of diversion is NW $\frac{1}{4}$ of NW $\frac{1}{4}$ of Section 3 Township 2N
Range 2W B.M. _____ Canyon _____ County, additional points of diversion if any: _____
NESE, Sec. 26; NENW, Sec. 28, SESE, Sec. 17, NWSE, Sec. 23, SENE, Sec. 28, SWSW, Sec. 34,
SENE, Sec. 20, T. 3N, R. 2W.
4. Water will be used for the following purposes:
Amount 8.69 for municipal purposes from 1/1 to 12/31 (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated:
a. 8.69 cubic feet per second and/or b. _____ acre-feet per annum.
6. Proposed diverting works:
a. Description of ditches, flumes, pumps, headgates, etc. Wells with pumps and pipelines
into city system

b. Height of storage dam _____ feet, active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet, materials used in storage dam: _____
Period of year when water will be diverted to storage _____ to _____ inclusive.
(Month/Day) (Month/Day)
c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet.
7. Time required for the completion of the works and application of the water to the proposed beneficial use is 5 years (minimum 1 year — maximum 5 years).
8. Description of proposed uses:
a. If water is not for irrigation: City limits of Nampa, ID
(1) Give the place of use of water: _____ $\frac{1}{4}$ of _____ $\frac{1}{4}$ of Section _____ Township _____
Range _____ B.M. _____
(2) Amount of power to be generated: _____ horsepower under _____ feet of head.
(3) List number of each kind of livestock to be watered _____

(4) Name of municipality to be served Nampa, Id., or number of families to be supplied with domestic water _____
(5) If water is to be used for other purposes describe: _____

APPROVED

11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

RECEIVED
CITY ENGINEER
JAN 10 1910

x Larry B. Blish
(Applicant)
City Engineer - City of Nampa

Proposed Permit 1/10/84

Received by 645 Date 1/10/84 Time 2:33

Preliminary check by 645 Fee \$ 205.00

Received by JP Date 6/20/85 # 32211

Publication prepared by JP Date 1/12/84

Published in The Press-Bozeman

Publication dates 1/10 & 1/20/84 cont. 1/21 & 1/22/84

Publication approved JP Date 1/16/84

Protests filed by: none

Copies of protests forwarded by _____

Hearing held by _____ Date _____

Recommended for approval denial by 645 kw

see memo
of 7/26/84
for reason
of priority
delay. kw

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 63-10211, and said application is hereby APPROVED.

1. Approval of said application is subject to the following limitations and conditions:

- a. SUBJECT TO ALL PRIOR WATER RIGHTS.
- b. Proof of construction of works and application of water to beneficial use shall be submitted on or before July 1, 19 89.
- c. The rate of diversion, if water is to be used for irrigation under this permit, when combined with all other water rights for the same land shall not exceed 0.02 cubic feet per second for each acre of land.
- d. Other: Permit holder shall commence the excavation or construction of diverting works within one year of the date this permit is issued and shall proceed diligently until the project is complete.
The issuance of this permit in no way grants any right-of-way or easement across the land of another.
A flow measurement port or other device as specified by the Department shall be installed by the permit holder to provide for the installation of measuring equipment and the determination of the rate of diversion by the Department.

Witness my hand this 30 day of July, 1984.

David R. Tuttle
Acting Chief, Operations Bureau

FOR OFFICE USE ONLY

Amt. Of Fee \$: 175.00

Receipt No. CO-3114

Receipt By: MC

Date Received: 10-16-04

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

OCT 05 2004

DEPARTMENT OF
WATER RESOURCES

AMENDED PROOF OF BENEFICIAL USE

The Idaho Department of Water Resources considers this form a statement that the permit holder(s) has/have completed all development that will occur under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below. This form must be accompanied by a license examination fee, when necessary, or be accompanied by a completed field examination report prepared by a certified water right examiner.

1. Permit No. 63-10211 Telephone No. 208-465-2220

2. Name of Permit Holder(s): City of Nampa

3. Mailing Address: 411 3rd St. South

City Nampa State ID Zip 83651

4. Source of Water: Ground Water If **GROUNDWATER** (well), Date Drilled: mo. Unknown

Well Driller: Eight wells, different drillers Drilling Permit Number: Unknown

5. Use(s) (as authorized by the water right permit):

Domestic (No. of households): _____ Stockwater (No. and type of stock): _____

Irrigation (No. of acres): _____ Other: Municipal

6. Total rate of diversion and/or volume for which proof is submitted: 8.69 cfs OR _____ acre-feet

7. Measuring Device Requirement: (refer to the approval conditions on your permit and respond accordingly)
(This question is **not optional**. Please check either yes or no. Proofs returned not checked accordingly, will be considered incomplete)

Measuring Device: Is a measuring device required? Yes X or No _____
Has the measuring device been installed? Yes X or No _____

8. Fee Enclosed: \$ 175 (See Fee Schedule on back of the instructions for filing proof of beneficial use)

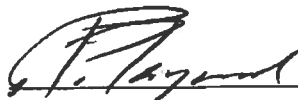
9. Person to contact to accompany the Department representative during field examination of the water system.

Name: Bryan Donaldson Telephone Number: 208-467-5253

Address: J-U-B Engineers, 217 W. Georgia Ave., Ste. 120, Nampa, ID 83686

10. The information given on this form is my true statement of the extent to which the above numbered permit has been developed and water has been diverted. I agree to relinquish any undeveloped portion of the permit to the State of Idaho.

Signature of permit holder



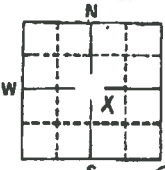
Date: 9-24-04

(include your title, if on behalf of company or organization)

ATTACHMENT B

WELL DRILLERS' REPORTS AND PUMP CURVES

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORTUSE TYPEWRITER OR
BALLPOINT PENState 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>Frank Marcus</u> Address <u>Box 384 Maunian</u> Owner's Permit No. _____		7. WATER LEVEL Static water level <u>10 ft</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 _____ °F. Quality _____																																									
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe method of abandoning) _____		8. WELL TEST DATA ☐ Pump ☐ Bailor ☒ Air ☐ Other _____																																									
3. PROPOSED USE ☐ Domestic ☒ Irrigation ☐ Test ☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other _____ (specify type) _____		<table border="1"><thead><tr><th>Discharge G.P.M.</th><th>Pumping Level</th><th>Hours Pumped</th></tr></thead><tbody><tr><td><u>1000</u></td><td><u>50 ft</u></td><td><u>5</u></td></tr></tbody></table>		Discharge G.P.M.	Pumping Level	Hours Pumped	<u>1000</u>	<u>50 ft</u>	<u>5</u>																																		
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4. METHOD DRILLED ☐ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary ☒ Cable ☐ Dug ☐ Other _____		9. LITHOLOGIC LOG <u>106359</u>																																									
5. WELL CONSTRUCTION Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____ Thickness: _____ Diameter: _____ From _____ To _____ Inches <u>12</u> inches <u>4</u> feet <u>19</u> feet Inches _____ inches _____ feet _____ feet Inches _____ inches _____ feet _____ feet Inches _____ inches _____ feet _____ feet Was casing drive shoe used? ☐ Yes ☒ No <u>round bottom</u> Was a packer or seal used? ☐ Yes ☒ No <u>round bottom</u> 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>12 ft</u> 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 _____		<table border="1"><thead><tr><th>Hole Diam.</th><th>Depth From</th><th>To</th><th>Material</th><th>Water Yes No</th></tr></thead><tbody><tr><td><u>18"</u></td><td><u>0</u></td><td><u>2</u></td><td><u>sand & gravel</u></td><td><u>X</u></td></tr><tr><td><u>18"</u></td><td><u>2</u></td><td><u>4</u></td><td><u>fine sand</u></td><td><u>X</u></td></tr><tr><td><u>18"</u></td><td><u>4</u></td><td><u>7</u></td><td><u>fine sand</u></td><td><u>X</u></td></tr><tr><td><u>18"</u></td><td><u>7</u></td><td><u>18</u></td><td><u>thin lens sand</u></td><td><u>X</u></td></tr><tr><td><u>12"</u></td><td><u>18</u></td><td><u>43</u></td><td><u>" "</u></td><td><u>X</u></td></tr><tr><td><u>12"</u></td><td><u>43</u></td><td><u>50</u></td><td><u>ref. sandstone</u></td><td><u>X</u></td></tr><tr><td><u>12"</u></td><td><u>50</u></td><td><u>60</u></td><td><u>red sand & gravel</u></td><td><u>X</u></td></tr></tbody></table> Total casing in well <u>23 feet</u> Total depth of well after development is <u>50 ft.</u> Area had to be back filled I welded on another 3 ft. * 6' of casing 7 days after well was completed Total casing in well now <u>29 feet</u> RECEIVED JUN 16 1980 JUN 17 1980 Department of Water Resources Western Regional Office Work started <u>2-22-79</u> finished <u>3/24/79</u>		Hole Diam.	Depth From	To	Material	Water Yes No	<u>18"</u>	<u>0</u>	<u>2</u>	<u>sand & gravel</u>	<u>X</u>	<u>18"</u>	<u>2</u>	<u>4</u>	<u>fine sand</u>	<u>X</u>	<u>18"</u>	<u>4</u>	<u>7</u>	<u>fine sand</u>	<u>X</u>	<u>18"</u>	<u>7</u>	<u>18</u>	<u>thin lens sand</u>	<u>X</u>	<u>12"</u>	<u>18</u>	<u>43</u>	<u>" "</u>	<u>X</u>	<u>12"</u>	<u>43</u>	<u>50</u>	<u>ref. sandstone</u>	<u>X</u>	<u>12"</u>	<u>50</u>	<u>60</u>	<u>red sand & gravel</u>	<u>X</u>
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6. LOCATION OF WELL Sketch map location must agree with written location.  Subdivision Name <u>Venice</u> 2nd Sub. Lot No. <u>8</u> Block No. <u>5</u> County <u>Canyon</u> NW 1/4 SE 1/4 Sec. <u>23</u> , T. <u>3</u> N., R. <u>2</u> W.		11. DRILLERS CERTIFICATION I/We certify that all minimum well construction standards complied with at the time the rig was removed. Firm Name <u>Earl Skinner Drilling</u> Firm No. <u>30</u> Address <u>Box 328 Kona</u> Date <u>3/24/79</u> Signed by (Firm Official) <u>Earl Skinner</u> and (Operator) <u>Earl Skinner</u>																																									

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

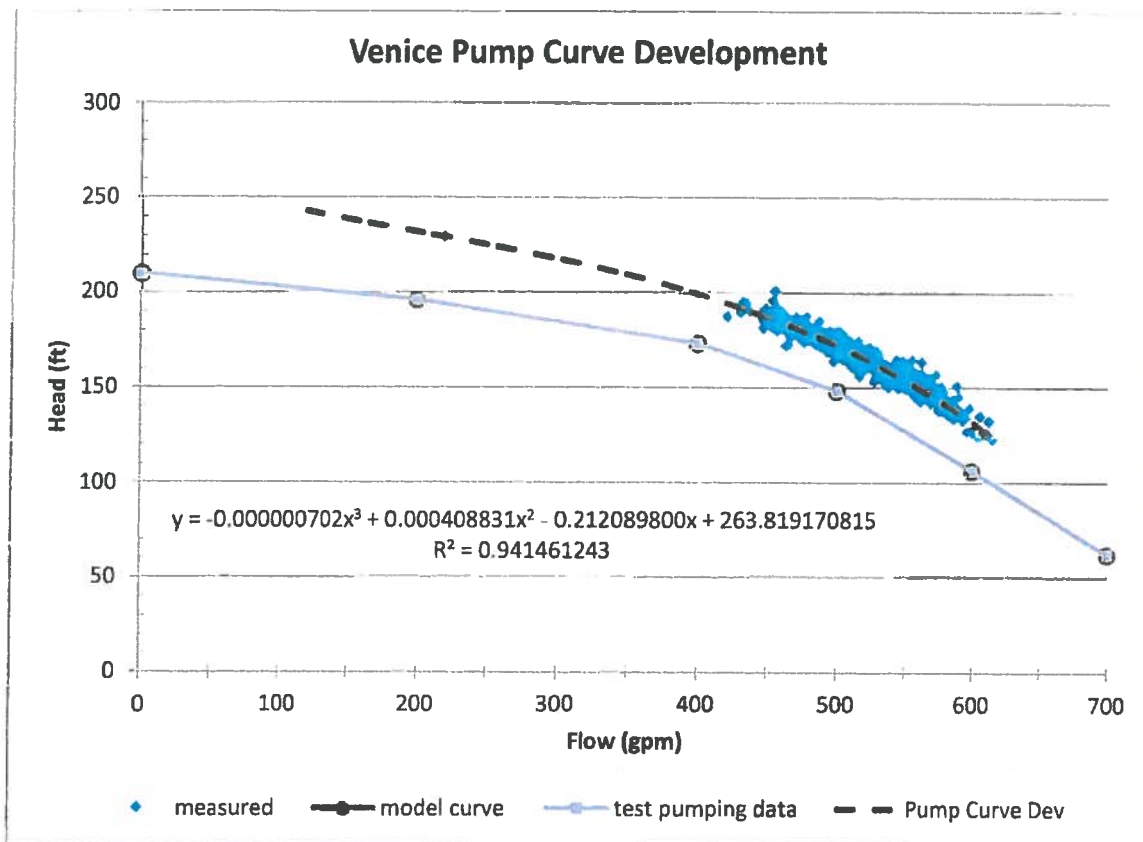


Figure D-30. Venice developed pump curve and model curve.

Table D-30. Recommended Venice pump curve.

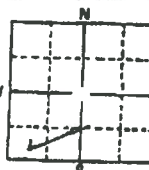
Q (gpm)	Head (ft)
100	246
200	232
300	218
400	199
500	172
600	132

USE TYPEWRITER OR
BALL POINT PEN

State of Idaho
Department of Water Resources

WELL DRILLER'S REPORT

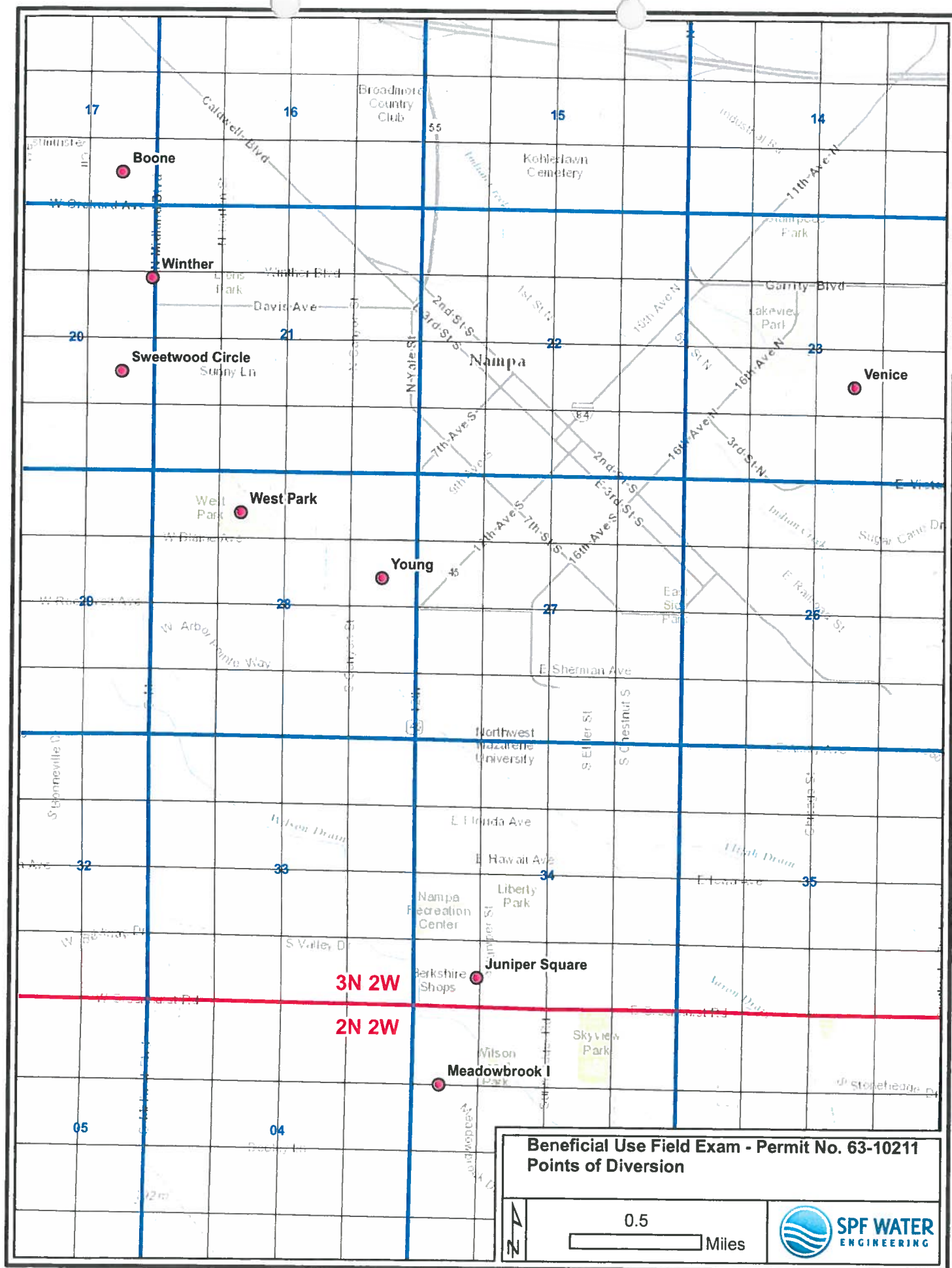
State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

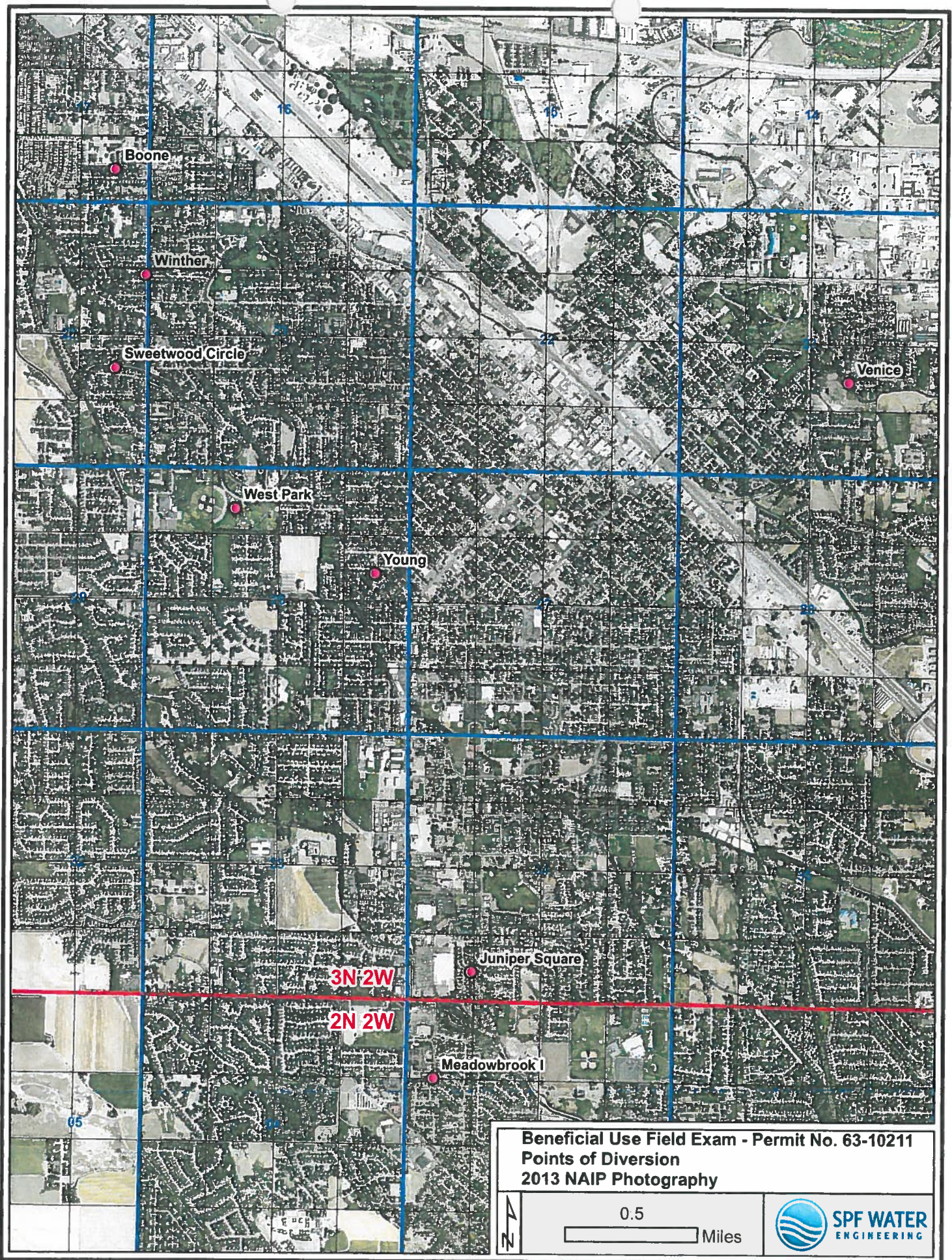
1. WELL OWNER Name <u>JUNIPER SQUARE addition</u> <u>BOB FARBER</u> Address <u>Boise, IDAHO</u> Owner's Permit No. _____		7. WATER LEVEL Static water level <u>17</u> feet below land surface Flowing? ☐ Yes ☐ No G.P.M. flow _____ Temperature _____ ° F. Quality _____ Artesian closed-in pressure _____ p.s.i. Controlled by ☐ Valve ☐ Cap ☐ Plug																																																																															
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8	176	181	SANDY CLAY																																																																														
4. METHOD DRILLED ☒ Cable ☐ Rotary ☐ Dug ☐ Other _____																																																																																	
5. WELL CONSTRUCTION Diameter of hole <u>16</u> inches Total depth <u>180</u> feet Casing schedule: ☒ Steel ☐ Concrete Thickness Diameter From To <u>375</u> inches <u>12</u> inches <u>0+1</u> feet <u>80</u> feet <u>322</u> inches <u>8</u> inches <u>0+1.8</u> feet <u>146</u> feet <u>280</u> inches <u>5</u> inches <u>142</u> feet <u>147</u> feet _____ inches <u>5</u> inches <u>172</u> feet <u>180</u> 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 <u>TANLSON</u> Type <u>STAINLESS</u> Model No. <u>405</u> Diameter <u>4</u> Slot size <u>30</u> Set from <u>142</u> feet to <u>172</u> 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>20</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: <u>63</u>  Subdivision Name <u>JUNIPER SQUARE addition</u> Lot No. _____ Block No. _____ County <u>CANYON</u> <u>SW 1/4 SW 1/4 Sec. 34, T. 3 N, R. 2 W</u>		10. Work started <u>8/8/77</u> finished <u>9/23/77</u>																																																																															
		11. DRILLER'S CERTIFICATION Firm Name <u>WILL DRILLING</u> Firm No. <u>55</u> Address <u>Caldwell, Idaho 9/27/77</u> Signed by (Firm Official) <u>Kenneth Wills</u> and (Operator) <u>Claude, Dine For</u>																																																																															

USE ADDITIONAL SHEETS IF NECESSARY

FORWARD THE WHITE COPY TO THE DEPARTMENT

ATTACHMENT C
TOPO MAP AND 2013 AERIAL PHOTO





Beneficial Use Field Exam - Permit No. 63-10211
Points of Diversion
2013 NAIP Photography



0.5

Miles



ATTACHMENT D
PHOTOS

Meadowbrook I

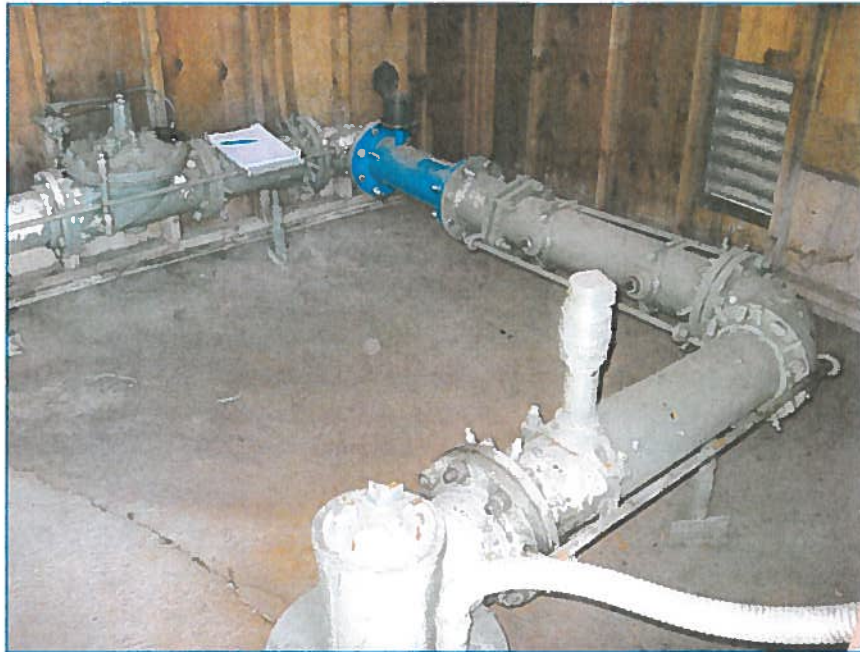


Figure 1: 25-hp submersible pump and plumbing.



Figure 2: Control panel.

Meadowbrook I

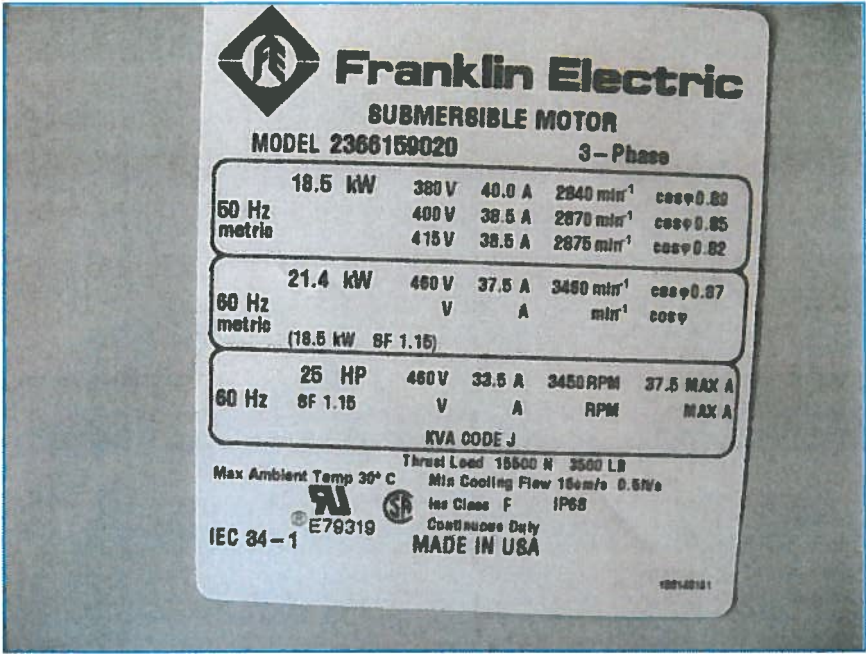


Figure 3: Franklin Electric motor tag.

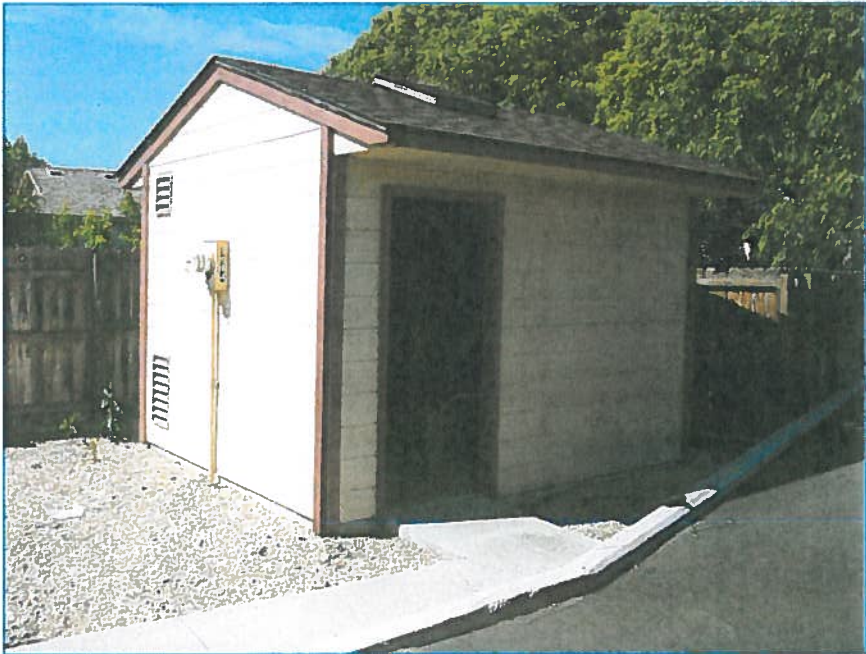


Figure 4: Pump House

Boone



Figure 7: 30-hp turbine pump and plumbing.



Figure 8: Control panel.

Boone

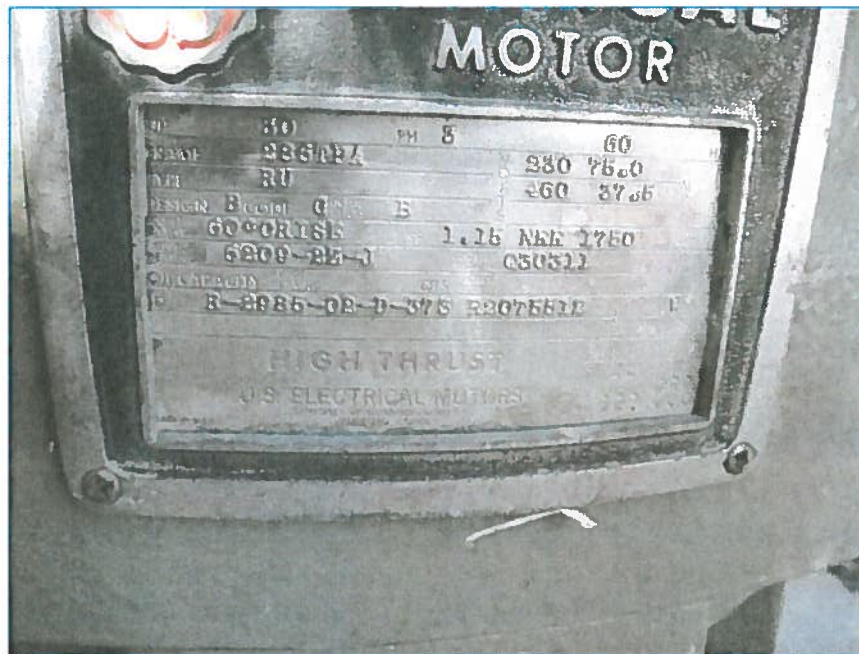


Figure 9: Motor tag.



Figure 10: Pump tag.

Winther



Figure 11: 20-hp submersible pump and plumbing.



Figure 12: Control panel.

Sweetwood



Figure 13: 20-hp turbine pump and plumbing.

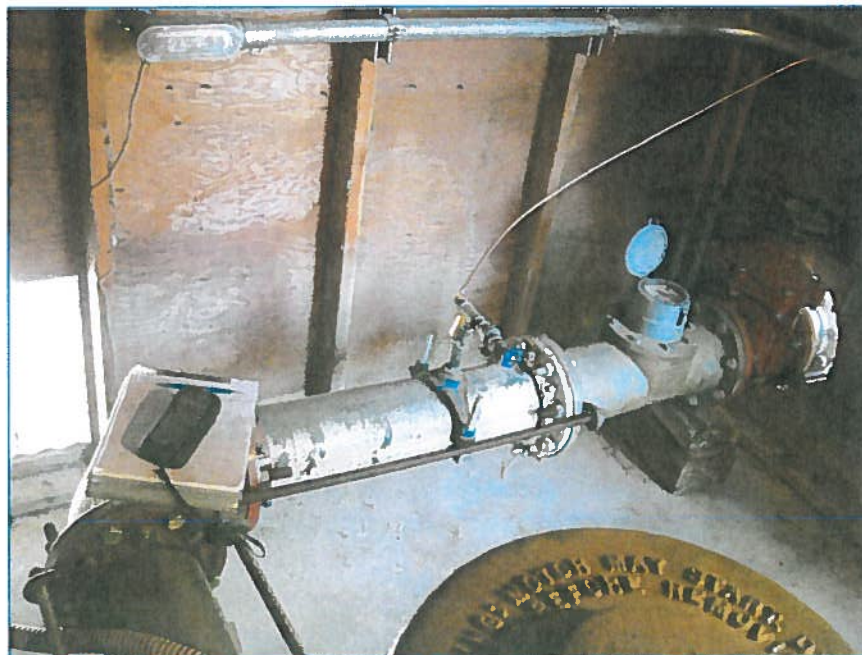


Figure 14: Flowmeter

Sweetwood

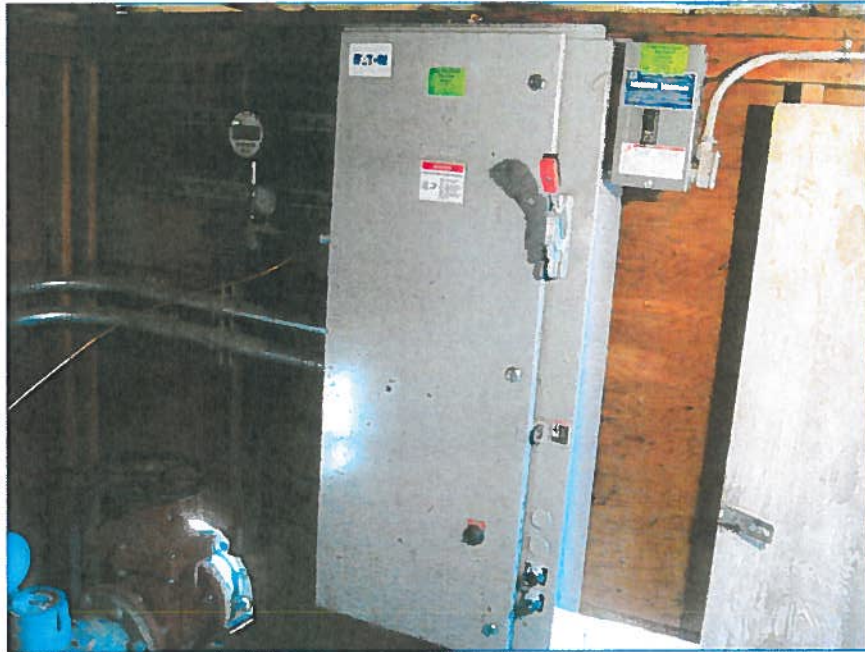


Figure 15: Control panel.

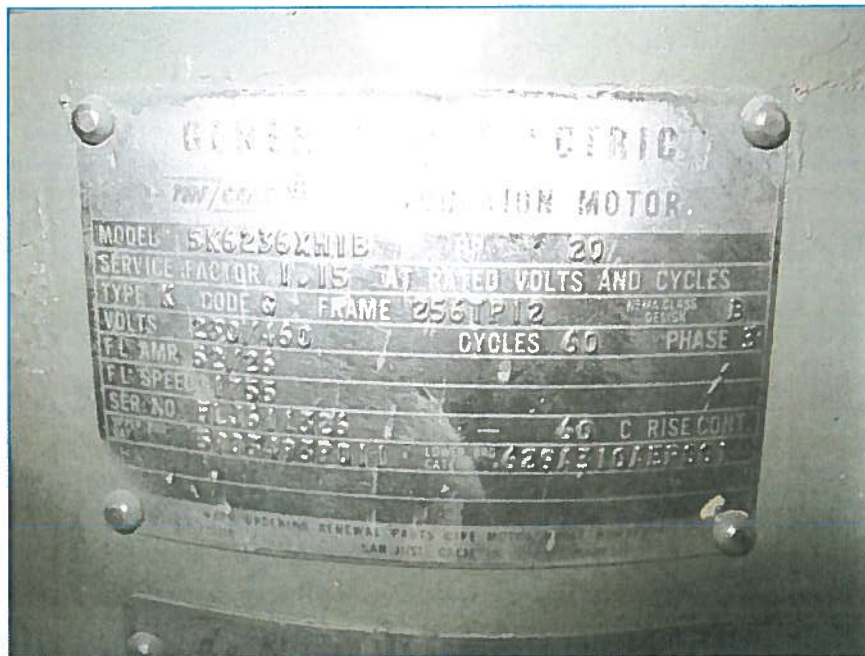


Figure 16: Motor tag.

Sweetwood



Figure 17: Pump tag.

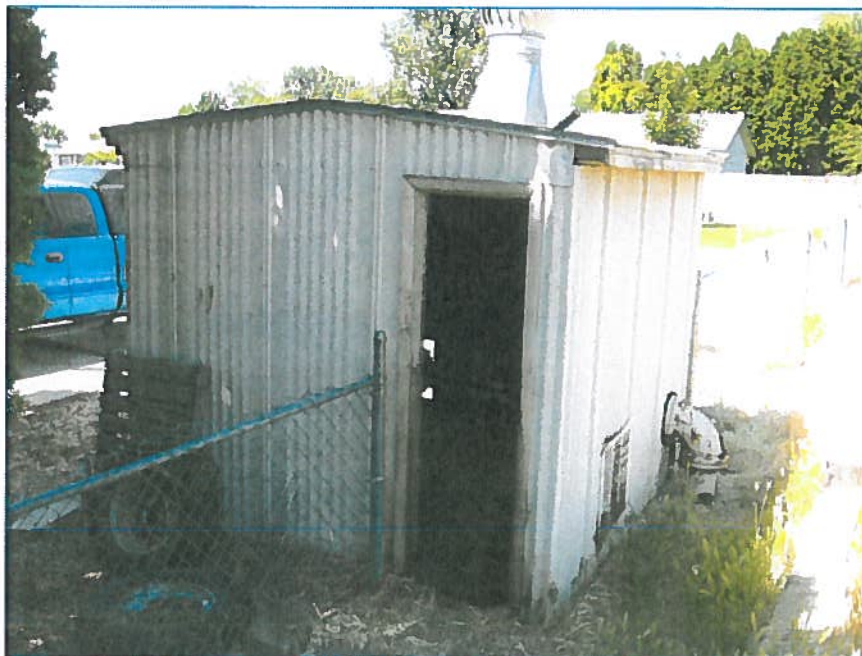


Figure 18: Pump house.

Venice

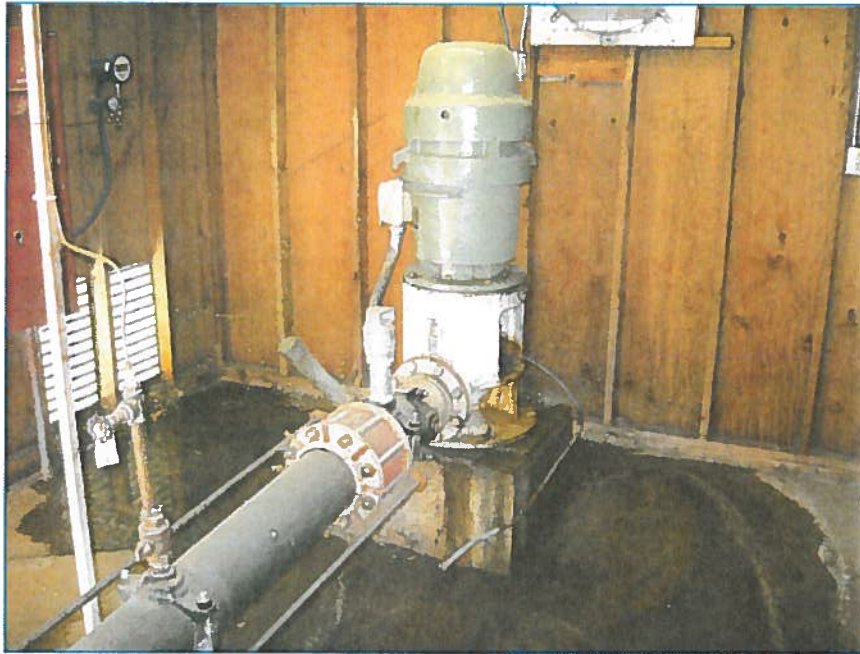


Figure 19: 40-hp vertical pump and plumbing.



Figure 20: Plumbing and flowmeter.

Venice



Figure 21: Control panel.



Figure 22: Motor tag.

Young



Figure 23: 20-hp submersible pump.



Figure 24: Plumbing and flowmeter.

Juniper



Figure 25: 25-hp submersible pump.



Figure 26: Plumbing and flowmeter.

Juniper



Figure 27: Control panel.

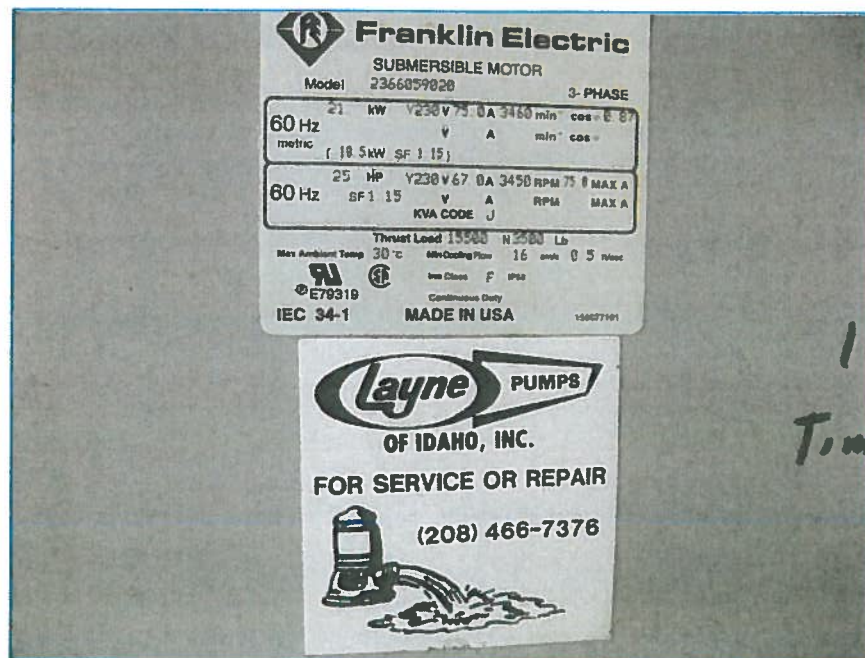


Figure 28: Motor tag.

Juniper



Figure 29: Pump house

ATTACHMENT E
OTHER WATER RIGHTS

Attachment B.1

**Other water rights with the same place of use
(Non-potable only)**

63-2449
63-2450
63-2484
63-2780
63-2787
63-2943
63-3257
63-5257
63-7003
63-7708
63-7954
63-8312
63-9853
63-9889
63-10319
63-11511
63-11894
63-12322
63-31504
63-31598
63-31949
63-31961
63-32179
63-32337

ATTACHMENT F
FLOW MEASUREMENT RECORDS

1. Measurement Equipment

Well No.	Well Name	Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calibration Date
1	Meadowbrook I	In-line flow meter	Propeller	McCrometer		05-07878	6-inch	unknown
2	West Park	not in service						
3	Boone	In-line flow meter	Propeller	McCrometer		06-11778	4-inch	unknown
4	Winther	In-line flow meter	Propeller	Water Specialties		892081	4-inch	unknown
5	Sweetwood	In-line flow meter	Propeller	Rockwell		unknown	6-inch	unknown
6	Venice	In-line flow meter	Propeller	Water Specialties		920542	6-inch	unknown
7	Young	In-line flow meter	Propeller	Rockwell		24654	4-inch	unknown
8	Juniper	In-line flow meter	Propeller	McCrometer		06-11777	4-inch	unknown

2. Measurements

Well No.	Well Name	Begin Total (gallons)		End Total (gallons)	Time	GPM		
1	Meadowbrook I	18,814,000		18,817,400	9.71	350		
2	West Park	shut off						
3	Boone	shut off						
4	Winther	shut off						
5	Sweetwood	827,471,300		827,472,800	9.34	161		
6	Venice	676,679,500		676,683,500	9.46	423		
7	Young	shut off						
8	Juniper	shut off						

ATTACHMENT G

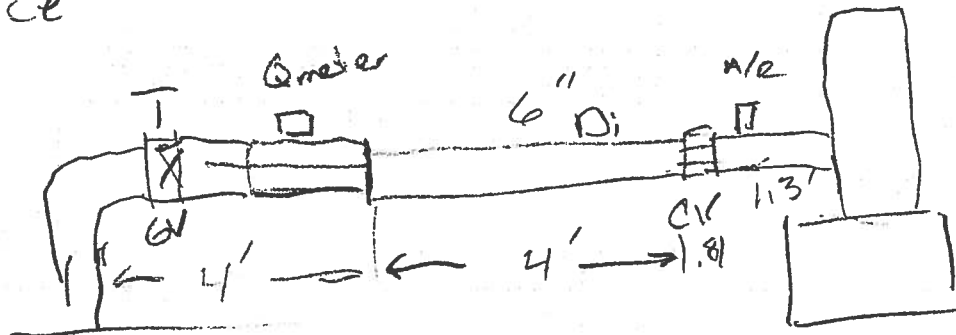
PUMPING SYSTEM DIAGRAMS



SPF WATER
ENGINEERING, LLC

By S. King Date 6/9/14 Client City of Nampa Sheet 1 of 4
Chkd By _____ Description 63-10211 BUFE Job No 270.0200

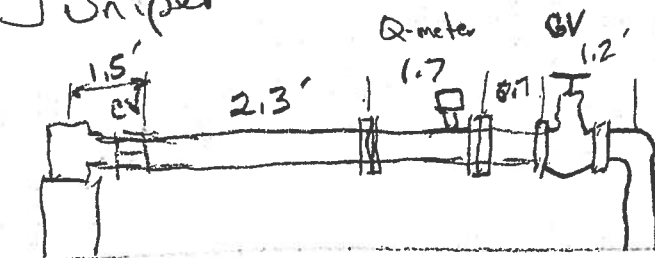
Venice



No Drive
75 psi

Set - on @ 55
off @ 78

Juniper



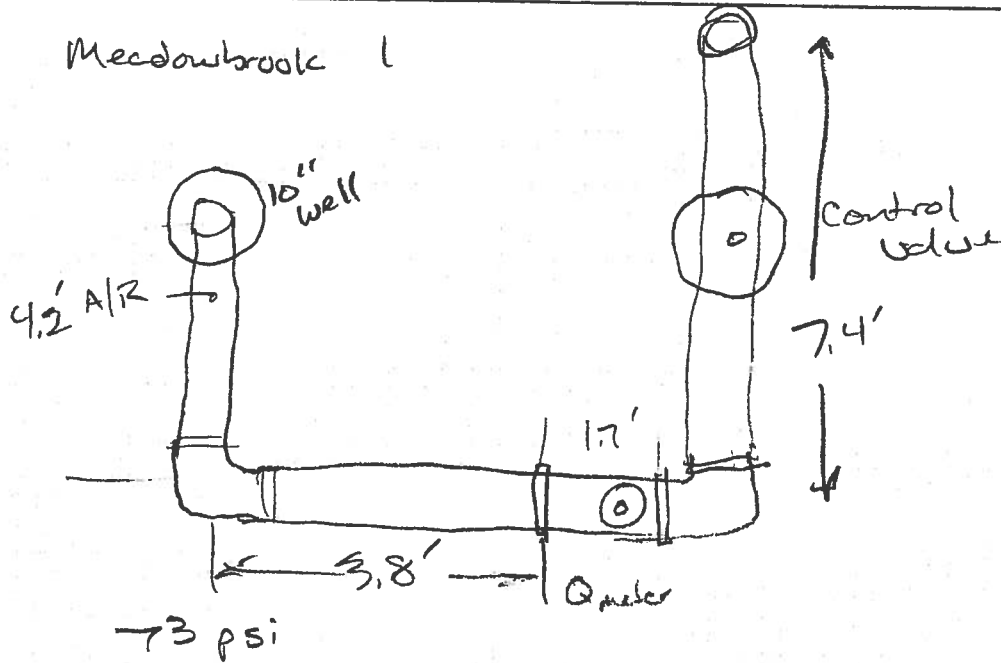
8" ϕ Well



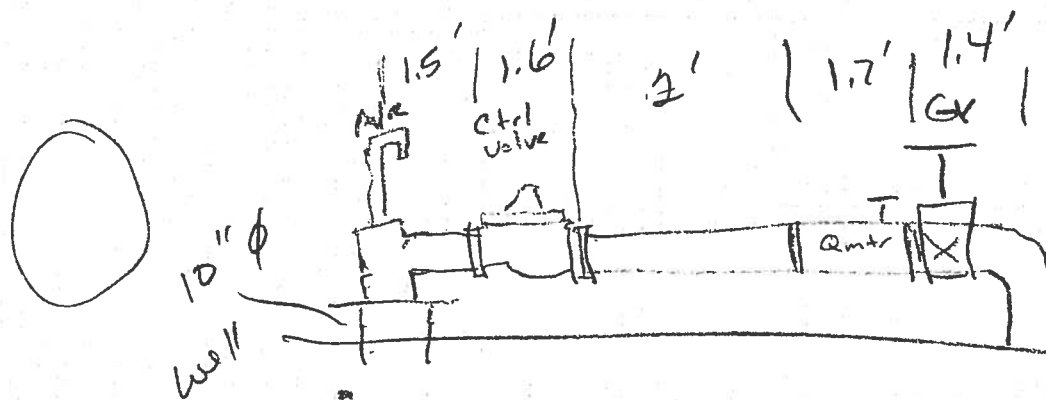
SPF WATER
ENGINEERING, LLC

By S.K. Date 6/9/14 Client City of Nampa Sheet 2 of 4
Chkd By _____ Description BUFE Job No 270.0800

Meadowbrook I



Meadowbrook II





By SIC Date 6/2/14 Client Namco Sheet 3 of 4
Chkd By _____ Description 63-10211 Job No 270.0200

Hand-drawn sketch of a room layout. The room is rectangular. On the left wall, there are two windows, each labeled "1.5'". Below the windows is a door labeled "Entr". In the center of the room is a table labeled "3.5'". To the right of the table is a chair labeled "Charles". To the right of the chair is a small table labeled "4\".

0.7

2'

2' on concrete well casing

3'

0 meter

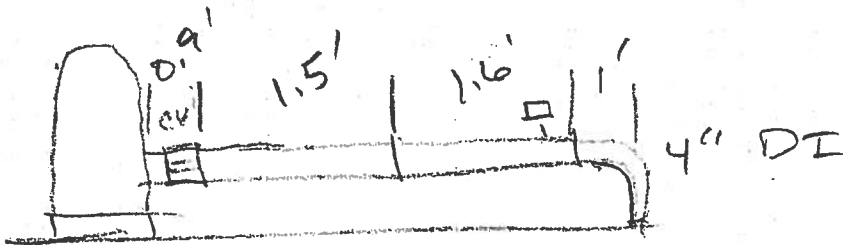
GV



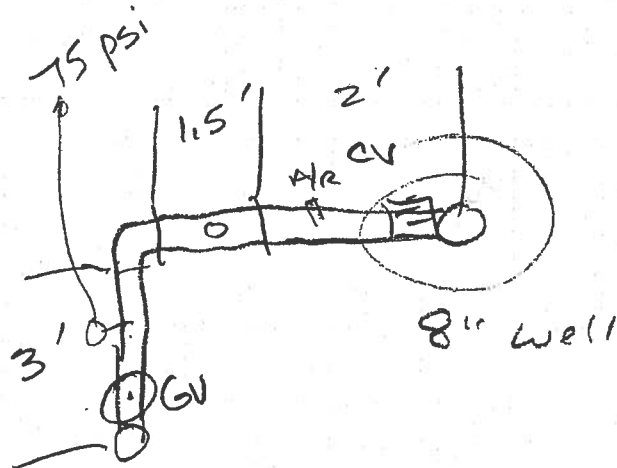
SPF WATER
ENGINEERING, LLC

By S King Date 6/9/14 Client Nampa Sheet 4 of 41
Chkd By _____ Description 63-10211 Job No 270.0200

Boone



Wenther

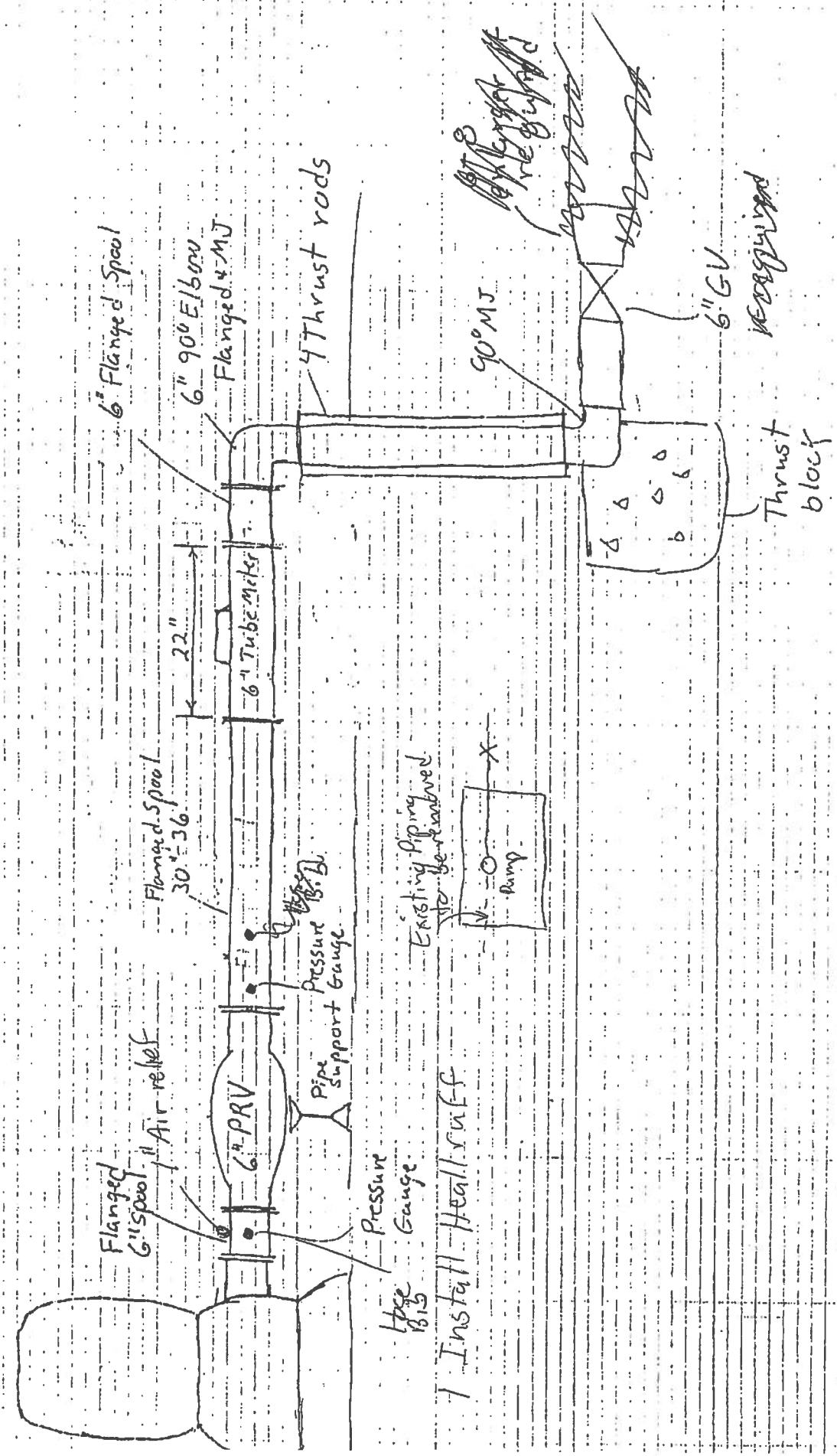


West Park Pump Piping

Ken Wheeler
July 1-80

Typical Engineering

June 11, 1980



ATTACHMENT H
PUMP CAPACITIES

Well No.	Well Name	Capacity (gpm)	Capacity (cfs)
1	Meadowbrook I	350	0.78
2	Westpark	601	1.34
3	Boone	449	1.00
4	Winther	449	1.00
5	Sweetwood	301	0.67
6	Venice	700	1.56
7	Young	408	0.91
8	Juniper	202	0.45
TOTAL		3,460	7.71

GIVENS PURSLEY LLP

LAW OFFICES
801 W. Bannock Street
PO Box 2720, Boise, Idaho 83701
TELEPHONE: 208 388-1200
FACSIMILE: 208 388-1300
WEBSITE: www.givenspursley.com

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Conley E. Ward
Robert B. White
Michael V. Woodhouse

James A. McClure
OF COUNSEL

Raymond D. Givens
RETIRED

October 1, 2004

Gary L. Spackman
Idaho Department of Water Resources
1301 N. Orchard Street
Boise, ID 83720-0098

Re: City of Nampa – Proof of Beneficial Use for Permit No. 63-10211
GP File No. 4628-1

Dear Gary:

As we discussed in a recent telephone conversation, I am sending an Amended Proof of Beneficial Use form for permit no. 63-10211 on behalf of the City of Nampa. We are submitting amended proof because it became apparent during a recent review of the City of Nampa's water rights that the City's original submission of proof of beneficial use for this permit is in error. The original proof, a copy of which is enclosed, states that proof is submitted for only 1.2 cfs even though the permit authorizes a diversion of 8.69 cfs. In researching the City's water right files, it is apparent that the City official who completed the original proof form inadvertently believed he was submitting proof from only one of the eight wells authorized by permit 63-10211. A copy of the Department's Proof Due Notice with notes by City of Nampa officials demonstrating this confusion is enclosed.

Further review of the City's water right files demonstrates that the City had drilled and developed all eight wells by the proof due date of July 1, 1989. The enclosed spreadsheet lists all of the City's sources of supply for its municipal irrigation system and includes peak capacity measurements taken in July 1989. We have highlighted the wells that are authorized by permit 63-10211.

Also included is a check in the amount of \$175 to cover the balance of the required fee. Based on the new proof for 8.69 cfs, the required fee is \$300. The City already paid \$125 when it filed the original proof in 1989. The enclosed check makes up the difference.

RECEIVED
OCT 05 2004
DEPARTMENT OF
WATER RESOURCES

Gary L. Spackman
Idaho Department of Water Resources
October 1, 2004
Page 2

If you need additional information or if you have any questions, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "John M. Marshall". The signature is fluid and cursive, with the first name "John" being the most prominent part.

John M. Marshall

JMM/hcm

Enclosures

cc: Paul Raymond (w/out enc.)
Bryan Donaldson (w/out enc.)
Chris Meyer (w/out enc.)

S:\CLIENTS\4628\JMM ltr to Spackman re amended proof for permit 63-10211.DOC

Feb. 1, 1990

Irrigation Wells and Pump Stations

No	Name Location	Diversion Point	Place of Use	Source	Filed Cap	Peak Cap	Acres	Diat	Comments
1	Port bwn Venice & Ethel	SE1/4 NW1/4 23-3-2	SE1/4 NW1/4 23-3-2 SW1/4 NW1/4 23-3-2	Well	0.80		30.00		Not in use
2	Mayor's 1500 Blk. 7th St. No.	NE1/4 SW1/4 23-3-2	SE1/4 NW1/4 15-3-2 NE1/4 SW1/4 15-3-2 SE1/4 SW1/4 15-3-2 SW1/4 SE1/4 15-3-2 SE1/4 NW1/4 23-3-2	Well	1.00	1.11	5.00		
3	7th St. So. Pump 700 Blk. 6th St. So.	SW1/4 SW1/4 22-3-2	SW1/4 NW1/4 22-3-2 NW1/4 SW1/4 22-3-2 SW1/4 SW1/4 22-3-2 SE1/4 NE1/4 21-3-2	Well	1.62	1.25	5.00		
4	Lakeview Pump Lakeview Park (Geothermal)	SW1/4 NW1/4 23-3-2		Well	2.50	1.14			
5	9th Ave. No. & Indian Crk.	SW1/4 NE1/4 22-3-2		Well					#s 5-27 consolidated for 30.00 cfs
6	Phyllis 8th Ave. & 5th St. No.	SE1/4 NE1/4 22-3-2		Well		1.45			Artesian flow to Indian Cr. Not in use #s 5-27 consolidated for 30.00 cfs
7	Kohler Lawn Cemetery	SW1/4 SE1/4 15-3-2		Well		?			#s 5-27 consolidated for 30.00 cfs
8	Kohler Lawn Cemetery	NE1/4 SW1/4 15-3-2		Well		?			#s 5-27 consolidated for 30.00 cfs
9	Ea. Powerline Rd. East of Sugar Ave	SW1/4 SE1/4 23-3-2		Well		?			#s 5-27 consolidated for 30.00 cfs
10	19th Ave. No. Pump	SW1/4 SW1/4 23-3-2		Well		1.34			#s 5-27 consolidated for 30.00 cfs
11	15th Ave. No. & Indian Crk.								Artesian through 8" pipe to Indian Cr.
	1500 Blk. 3rd St. No.	NW1/4 SW1/4 23-3-2		Well		0.74			#s 5-27 consolidated for 30.00 cfs Artesian or pump?

Rev. January 11, 1991

Peak cap info collected in July 1989.

Irrigation Wells and Pump Stations

Feb. 1, 1990

No	Name Location	Diversion Point	Place of Use	Source	Filed Cap	Peak Cap	Acres	Dist	Comments
12	14th Ave. & 3rd St. No.	NE 1/4 SE 1/4 22-3-2		Well					#'s 5-27 consolidated for 30.00 cfs
13	Indian Crk Park Pump	SW 1/4 SW 1/4 23-3-2		Well		0.67			Artesian flow to Indian Cr. Not in use
	Indian Crk. Playground								#'s 5-27 consolidated for 30.00 cfs
14		NW 1/4 NW 1/4 35-3-2		Well					Artesian flow to Indian Cr.
	East side of So. Powerline Rd. @ Kurtz Lat								#'s 5-27 consolidated for 30.00 cfs
15	Meyer Pump	NW 1/4 SW 1/4 26-3-2		Well		1.46			Not in use
	Bwn. Florence & Meyer @ Nixon								#'s 5-27 consolidated for 30.00 cfs
16	Chestnut Pump	NE 1/4 NE 1/4 34-3-2		Well					#'s 5-27 consolidated for 30.00 cfs
	Kurtz Lat & Chestnut								
17	Kurtz Park Pump	NW 1/4 NE 1/4 34-3-2		Well		1.86			#'s 5-27 consolidated for 30.00 cfs
	Kurtz Park								
18	Stone House	NE 1/4 SE 1/4 28-3-2		Well					#'s 5-27 consolidated for 30.00 cfs
	12th Ave. So. & 14th St. So.								Not in use
19	Maple Pump	SW 1/4 NW 1/4 27-3-2		Well		0.89			#'s 5-27 consolidated for 30.00 cfs
	Roosevelt & 13th Ave. So.								
20	Holly Pump	SE 1/4 NW 1/4 27-3-2		Well		1.67			#'s 5-27 consolidated for 30.00 cfs
	Roosevelt & 16th Ave. So.								
21	Fern Pump	SW 1/4 NE 1/4 27-3-2		Well		1.23			#'s 5-27 consolidated for 30.00 cfs
	Roosevelt & 9th St. So.								
22	19th Ave. So. Pump	SE 1/4 NE 1/4 27-3-2		Well		1.30			#'s 5-27 consolidated for 30.00 cfs
	6th St. & 19th Ave. So.								
23	14th Ave. So. Pump	NW 1/4 NE 1/4 27-3-2		Well		1.32			#'s 5-27 consolidated for 30.00 cfs
	6th St. & 14th Ave. So. (Central Sch.)								
24	High Pump	NE 1/4 SE 1/4 21-3-2		Well		1.45			#'s 5-27 consolidated for 30.00 cfs
	Yale & 7th St. So.								
25	Hudson Pump	NE 1/4 SE 1/4 21-3-2		Well		1.06			#'s 5-27 consolidated for 30.00 cfs
	Hudson & Yale								
26		NW 1/4 NE 1/4 21-3-2		Well					#'s 5-27 consolidated for 30.00 cfs
	Gem St. north of Winther								Not in use

Peak cap info collected in July 1989.

Rev. January 11, 1991

Irrigation Wells and Pump Stations

Feb. 1, 1990

No	Name Location	Diversion Point	Place of Use	Source	Filed Cap	Peak Cap	Acres	Dist	Comments
27	4th St. So. Pump 800 Blk. 4th St. So.	SE 1/4 SW 1/4 22-3-2		Well		1.00			#s 5-27 consolidated for 30.00 cfs
28	Canyon Pump Canyon & Davis	SE 1/4 NE 1/4 21-3-2	SW 1/4 NE 1/4 21-3-2	Well	1.74	2.46	40.00		
			SE 1/4 NE 1/4 21-3-2				12.00		
			NE 1/4 NW 1/4 21-3-2				15.00		
			SE 1/4 NW 1/4 21-3-2				20.00		
29		NE 1/4 NE 1/4 28-3-2		Well	1.50				Not in use
30	Mid blk btwn Fairview/Canyon; Owhye/Shoshone Young Pump Young & 10th Ave. So.	SE 1/4 NE 1/4 28-3-2		Well		0.91			Consolidated 6-83 w/#s 35,36,40,48, 50,53,55 for 8.69 cfs
31		SE 1/4 SW 1/4 23-3-2		Pump				N&M	Not in use
32	North Nampa Lat & 20th Ave. No.	NE 1/4 SE 1/4 22-3-2		Well	0.30				Not in use.
33	1300 Blk. 3rd St. No.	SW 1/4 NE 1/4 22-3-2		Pump				P	Not in use
34	1st St. No. & Phyllis Canal 14th Ave. No. Pump 1st St. & 14th Ave. No.	SE 1/4 SE 1/4 22-3-2		Well		0.74			UPAR; Lease agreement
35	Boone Boise St. Nor. of Boone Ave.	SE 1/4 SE 1/4 17-3-2		Well		1.00			Consolidated 6-83 w/#s 30,36,40,48, 50,53,55 for 8.69 cfs
36	Winther Pump Winther & Midland Blvd.	SE 1/4 NE 1/4 20-3-2		Well		1.00			Consolidated 6-83 w/#s 30,35,40,48, 50,53,55 for 8.69 cfs
37	Horton Pump Horton & Phyllis Canal	SW 1/4 NW 1/4 21-3-2		Pump		4.90		P	Pioneer Irr.
38	Davis & Rowena	SW 1/4 NE 1/4 21-3-2		Pump				N&M	Not in use

Feb. 1, 1990

Irrigation Wells and Pump Stations

No	Name Location	Diversion Point	Place of Use	Source	Filed Cap	Peak Cap	Acres	Dist	Comments
39	Sunnylane Pump	NW1/4 SW1/4 21-3-2	SW1/4 NW1/4 21-3-2	Pump	4.00	1.88	20.00	P	
	Sunnylane @ Elijah Drain		SE1/4 NW1/4 21-3-2				20.00		
			NE1/4 SW1/4 21-3-2				40.00		
			NW1/4 SW1/4 21-3-2				40.00		
			SW1/4 SW1/4 21-3-2				40.00		
			SE1/4 SW1/4 21-3-2				40.00		
40	Sweetwood	NE1/4 SE1/4 20-3-2		Well	0.50	0.67			Consolidated 6-83 w/#'s 30,35,36,48;
	Boise St. south of Phyllis Canal								50,53,55 for 8.69 cfs
41	State Street Pump	NW1/4 NE1/4 28-3-2	NW1/4 NE1/4 28-3-2	Well	0.40	0.56	30.00		
	Gern St. @ Elijah Drain								
42		NW1/4 NW1/4 35-3-2		Pump				N&M	Abandoned
	Kurtz Lat. east of Florence								
43	Novis Pump	NE1/4 NW1/4 35-3-2		Pump		0.67		N&M	
	Colorado & So. Nampa Lat. (Novis Sub.)								
44	Morgan Pump	NE1/4 SE1/4 20-3-2	SW1/4 NE1/4 20-3-2	Well	0.50	0.71	1.00		
	Boise St. north of Phyllis Canal		SE1/4 NE1/4 20-3-2				5.00		
			NE1/4 SE1/4 20-3-2				15.00		
			NW1/4 SE1/4 20-3-2				4.00		
45	Bonnie Brae Pump	SW1/4 NW1/4 28-3-2		Pump		0.89		N&M	
	Midland north of Roosevelt (Bonnie Brae)								
46		NE1/4 NE1/4 34-3-2		Pump				N&M	Abandoned
	So. Powerline Rd. south of Amity								
47	Wildflower Pump	NW1/4 NE1/4 35-3-2		Pump		1.00		N&M	
	Chicago & Wildflower								
48	Juniper Sq. Pump	SW1/4 SW1/4 34-3-2		Well	0.45	0.45			Consolidated 6-83 w/#'s 30,35,36,40;
	Michigan & So. Juniper (Juniper Sq. Sub.)								50,53,55 for 8.69 cfs
49		SW1/4 SW1/4 26-3-2		Pump				N&M	Abandoned
	Dufer @ So. Nampa Lat.								

Rev: January 11, 1991

Peak cap info collected in July 1989.

Feb. 1, 1990

Irrigation Wells and Pump Stations

No	Name Location	Diversion Point	Place of Use	Source	Filled Cap	Peak Cap	Acres	Dist	Comments
50	Venice Pump Denver & Mason Crk. (Venice 2nd Sub.)	NW1/4 SE1/4 23-3-2		Well		1.58			Consolidated 6-83 w/w's 30,35,36,40, 48,53,55 for 8.69 cfs
51	Grange Park Pump Grange Park; Cassia & Eldoran	NW1/4 SE1/4 17-3-2	NW1/4 SE1/4 17-3-2	Well	1.10	0.28	5.00		
			SW1/4 SE1/4 17-3-2				25.00		
			SE1/4 SE1/4 17-3-2				25.00		
52	Colorado Pump Colorado & Nectarine	NW1/4 NW1/4 34-3-2	NE1/4 NW1/4 34-3-2	Well	1.50	1.89	40.00		
			NW1/4 NW1/4 34-3-2				40.00		
			SW1/4 NW1/4 34-3-2				40.00		
			SE1/4 NW1/4 34-3-2				40.00		
53	Meadowbrook Pump Sunnybrook Dr. & Cottonwood Dr.	NW1/4 NW1/4 3-2-2		Well		0.78			Consolidated 6-83 w/w's 30,35,36,40, 48,50,55 for 8.69 cfs
54		SW1/4 SW1/4 15-3-2		Pump				P	Not in use
55	Westpark Pump Westpark & Lone Star Rd	NE1/4 NW1/4 28-3-2		Well		1.34			Consolidated 6-83 w/w's 30,35,36,40, 48,50,53 for 8.69 cfs
56	Birdseye Pump Birds Eye	SE1/4 SW1/4 15-3-2		Well		2.21			Transfer #3057, 6-83
57	Centennial Golf Course Bottom nine & Phyllis Canal	SW1/4 SE1/4 11-3-2	SW1/4 SE1/4 11-3-2	Well	3.20		40.00		
			SE1/4 SE1/4 11-3-2				40.00		
			NE1/4 NE1/4 14-3-2				40.00		
			NW1/4 NE1/4 14-3-2				40.00		
58	So. Pwrline Pump West side of So. Powerline Rd. @ Kurtz Lat.	NE1/4 NE1/4 34-3-2		Pump		4.12		N&M	
59	Glenview Pump E. Greenhurst Rd. @ Conley Lat. (Glen View Esis.)	SE1/4 SE1/4 34-3-2		Pump		0.78		N&M	

Rev. January 11, 1991

Peak cap info collected in July 1989.

Irrigation Wells and Pump Stations

Feb. 1, 1990

No	Name Location	Diversion Point	Place of Use	Source	Filed Cap	Peak Cap	Acres	Dist	Comments
60	Karcher Ests. Pump Aries Dr. east of Ram Cr. (Karcher Ests.)	NW1/4 NW1/4 17-3-2		Pump		0.78		P	
61	Pleasant's Pump W. Roosevelt @ Pleasants Lat.	NW1/4 SE1/4 28-3-2		Pump				N&M	Not in use
62	Hospital Pump Hwy. 45 @ Pleasants Lat. (Mercy Med)	NW1/4 SW1/4 34-3-2		Pump		0.78		N&M	
63	South Valley Rt. 66 & Wilson Drain	SE SE 33-3-2		Well					Drilled as part of Sub. development. To be under city control when completed.
64									
65									
66									
67	~~South Valley~~ Mini Airport								
68	Mini Airport Nag East of ISSH on Rm	SE SW 12-3-2		Well					Model Airplane Club. Permit # 63-1539 March 80
69	~~South Valley~~ Hospital								
70									