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JUL 29 2019

Claim 14 (Cemetery Well)

Form No.42-1409-1 (Internet 5/17)

DEPARTMENT OF
WATER RESOURCES

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE
STATE OF IDAHO, IN AND FOR THE COUNTY OF TWIN FALLS

IN RE THE GENERAL ADJUDICATION
OF RIGHTS TO THE USE OF WATER FROM
THE PALOUSE RIVER BASIN WATER SYSTEM

CIVIL CASE NUMBER: 59576

Claim ID: 87-7034

Date Received: 7/19/19

Receipt No: C107005

Claim Fee: \$195.00 By: DW

DE. by CF

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

Please type or print clearly

1. Name of claimant(s) City of Moscow Phone (208) 837-7028
Mailing address PO Box 9203 Moscow ID 83843-9203
Street or Box City State Zip
Email address (optional) _____
2. Date of priority: (Only one per claim) 8/23/1955 (Explain priority date selected in Remarks)
Month/Day/Year (YYYY)
3. Source of water supply (Check one) Ground Water (☒) or Other (☐) (a) _____
which is tributary to (b) _____
4. a. Location of point of diversion is: Township 39N, Range 5W, Section 7,
NE 1/4 of SE 1/4, Govt. Lot _____, BM, County of Latah
Parcel no. _____
Additional points of diversion, if any: see attached supplement (Attachment A)
If available, GPS Coordinates _____
- b. If instream flow, beginning point of claimed instream flow is:
Township _____, Range _____, Section _____, _____ 1/4 of _____ 1/4,
Govt. Lot _____, BM, County of _____
Ending point is: Township _____, Range _____, Section _____, _____ 1/4 of _____ 1/4,
Govt. Lot _____, BM, County of _____
5. Description of existing diversion works (dams, reservoirs, ditches, wells, pumps, pipelines, headgates, etc.),
including the dates of any changes or enlargements in use, the dimensions of the diversion works as
constructed and as enlarged and the depth of each well.
Integrated ground water distribution system in place January 1, 2006 pursuant to § Idaho Code 42-1425 (the
accomplished transfer statute).

6. Water is claimed for the following purposes:

(dates are inclusive MM-DD) (cfs) (acre-feet)

For Municipal purposes from 1/1 to 12/31 amount 1.45 or _____

For _____ purposes from _____ to _____ amount _____ or _____

For _____ purposes from _____ to _____ amount _____ or _____

For _____ purposes from _____ to _____ amount _____ or _____

7. Total quantity claimed (a) 1.45 (cfs) and/or (b) _____ (acre-feet)

8. Non-irrigation uses; describe fully (e.g., Domestic: Give number of households served; Stockwater: Type and number of livestock, etc.) Municipal use

9. Description of place of use: Place of use is within the City of Moscow municipal service area

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 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	

Parcel no(s), _____ Total number of acres irrigated _____

10. In which county(ies) are lands listed above as place of use located? Latah

11. Do you own the property listed above as place of use? Yes () No (☒)

If your answer is No, describe in Remarks below the authority you have to claim this water right.

12. Describe any other water rights used at the same place and for the same purposes as described above.

87-2023, 87-2025, 87-4023, 8-7034, 87-7069, and nine other municipal PRBA claims or None ()

13. Remarks (Include an explanation of the priority date selected):

This claim is for City of Moscow Cemetery Well and represents license 87-7034. The priority date is based on the well completion date and the flow rate is based on the IDWR field exam findings for license 87-7034.

Supporting documents are included as Attachment C.

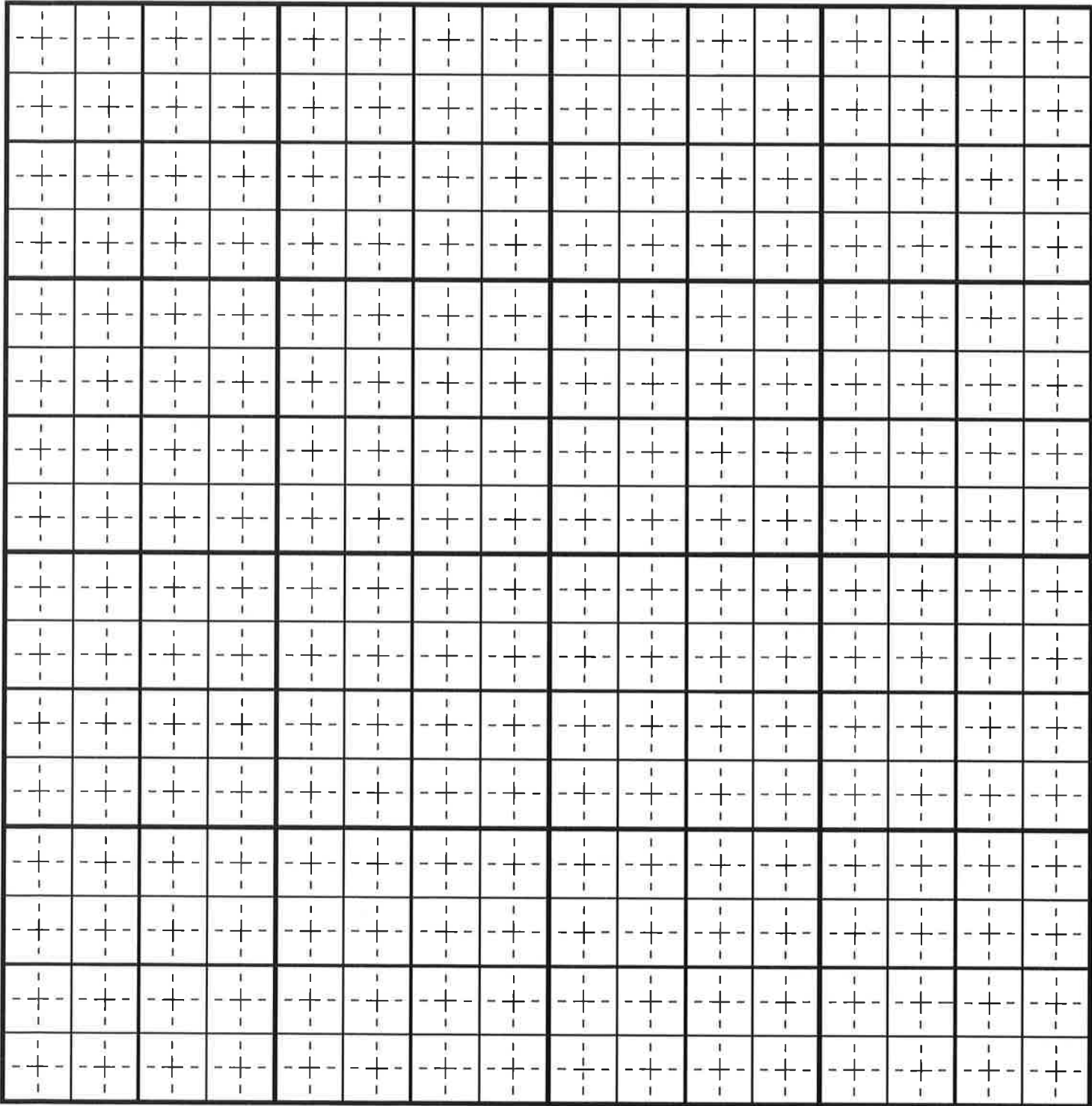
Name of claimant(s) City of Moscow

Claim ID _____

Map of Project: Attach aerial photograph or topographic map showing clearly the point of diversion, place of use, section number, township, and range number, unless unavailable. Otherwise sketch the elements above on the grid below.

Scale: 2 inches equals 1 mile

See Attachment B



Name of claimant(s) City of Moscow

Claim ID _____

14. Basis of claim (Check one) Beneficial Use () Posted Notice () License (☒) Permit () Decree ()

Court _____ Decree Date _____ Plaintiff v. Defendant _____

If applicable provide IDWR Water Right Number 87-7034

15. **Signature(s)**

(a.) By signing below, I/We acknowledge that I/We have received, read and understand the form entitled "How you will receive notices in the Palouse River Basin Water System Adjudication."

(b.) I/We do () do not (☒) wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments: 3

For Individuals: I/We do solemnly swear or affirm under penalty of perjury that the statements contained in the foregoing document are true and correct.

Signature of Claimant (s) _____ Date: _____

_____ Date: _____

For Organizations: I do solemnly swear or affirm under penalty of perjury that I am, and that I have signed the foregoing document in the space below as the

Mayor of City of Moscow
Agent's title (Please print) Name of organization (Please print)

and that the statements contained in the foregoing document are true and correct.

Signature of Authorized Agent Bill Lambert Date 7/17/19

Printed Name of Authorized Agent Bill Lambert

16. **Notice of Appearance:**

Notice is hereby given that I, (please print) Candice M. McHugh, will be acting as attorney at law on behalf of the claimant signing above, and that all notices required by law to be mailed by the director to the claimant signing above should be mailed to me at the address listed below.

Signature Candice McHugh Date 7/29/19

Address 380 S. 4th, Ste. 103, Boise, ID 83702

Name of claimant(s) City of Moscow Claim ID _____

Ident. No. _____

☒ Adjudication Claim
☐ Statutory Claim

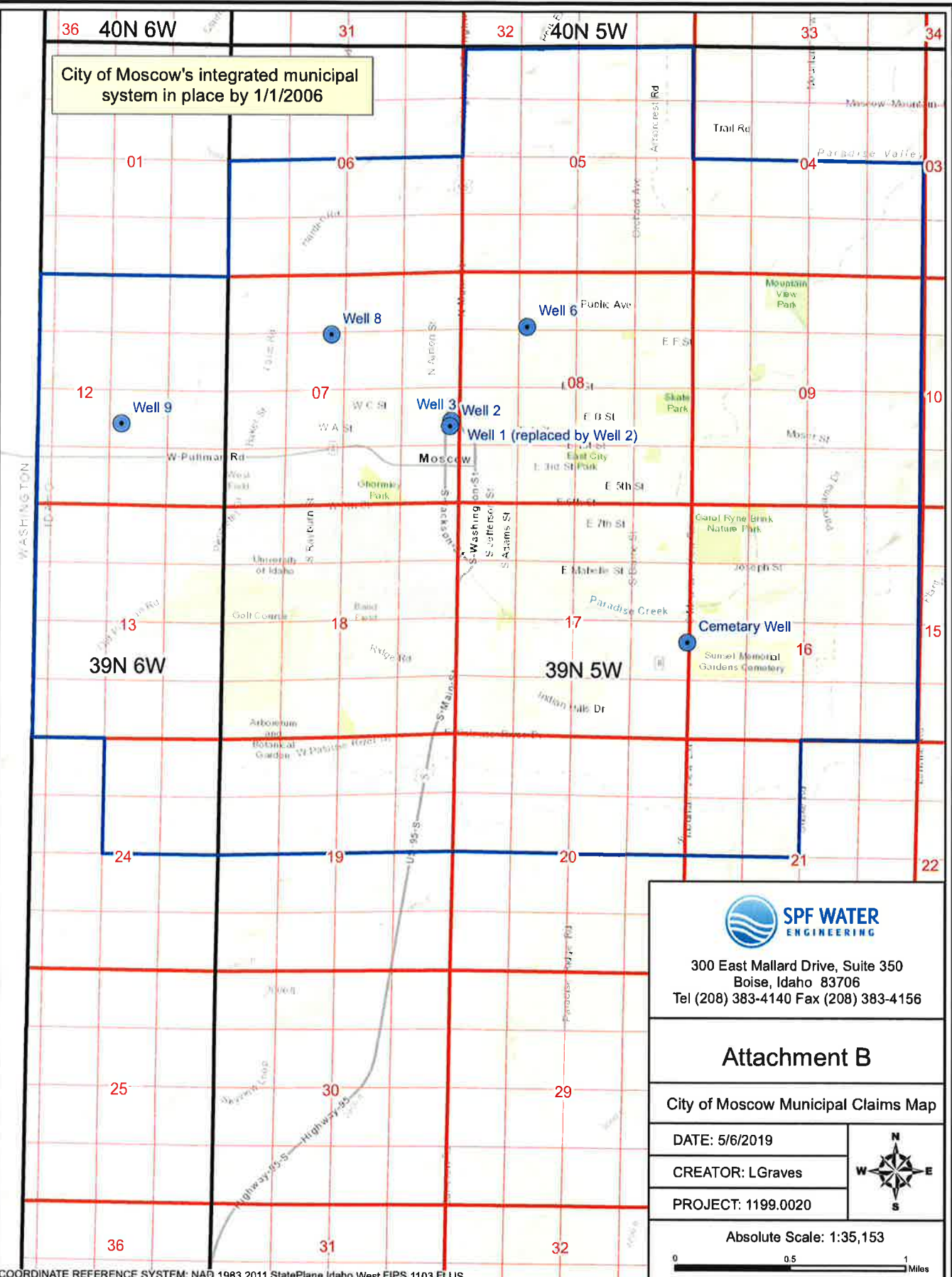
1

1

1

- fv

City of Moscow's integrated municipal system in place by 1/1/2006



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

Attachment B

City of Moscow Municipal Claims Map

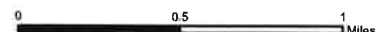
DATE: 5/6/2019

CREATOR: LGraves

PROJECT: 1199.0020



Absolute Scale: 1:35,153



COORDINATE REFERENCE SYSTEM: NAD 1983 2011 StatePlane Idaho West FIPS 1103 FT US

Attachment C

Supporting Documents for Cemetery Well



WELL LOG AND REPORT TO THE STATE RECLAMATION ENGINEER OF IDAHO

624832

A. A. DURAND & SON
Well Drilling Contractors
P. O. Box 437
Walla Walla, Washington

Log No. _____

Rec. _____ 19 _____

Well No. 87-55-N-1

Permit No. _____

(DO NOT FILL IN)

Owner SUNSET MEMORIAL GARDENS, INC. Address Moscow, IdahoDriller A. A. DURAND & SON Address Walla Walla, Wash. Lic. No. 47Location of Well: NE 1/4 SE 1/4 Sec 17, T. 39 N., R. 5 W S/W Latah County,and foot N/S, and foot S/W from Corner of 1/4 1/4 Sec.Size of Drilled Hole 12" x 10" x 8" ~~Irrigation of cemetery~~ Total depth of Well 608'Give depth of standing water from surface 124' Water Temp. 57° - 59 °FahrenheitOn pumping test delivery was 650 g.p.m. or c.f.s. Drawdown was 84 feet.Size of pump and motor used to make the test 252 1/2 of 6" pump column with 15 stage, 8" bowls; airline installed inside of pump column.Length of time pumped during check was 24 hrs. continuously hr., _____ minutes.

If flowing well, give flow in c.f.s. _____ or g.p.m. _____ and shut in pressure _____

If flowing well, describe control works _____ (TYPE AND SIZE OF VALVE, ETC.)

Water will be used for Irrigation of cemetery Weight of casing per linear foot 12" - 45 1/2 lbs.Thickness of casing 6 5/8" O.D. x 8" I.D. 12 3/4" O.D. x 12" I.D. Casing material Standard black steel pipe

E.G., PIPE, CONCRETE, WOOD.

Pump pit 7' below ground surface.

Diameter, length and location of casing _____

(CASING 12" IN DIAMETER AND UNDER GIVE INSIDE DIAMETER;
CASING OVER 12" IN DIAMETER GIVE OUTSIDE DIAMETER.)Number and size of perforations none located _____ feet to _____ feet

from surface of ground.

Other perforations See well screen data in casing recordDate of commencement of well May 17, 1955 Date of completion of well August 23, 1955Type of well rig 82 Speed star - spudder - cable tool

Well drilled under supervision of Consulting Engineer Frank S. Junk, Moscow, Idaho

All measurements are based on ground surface. CASING RECORD 8' depth of dug well pit. 6'

DIAM. CASING	FROM FEET	TO FEET	LENGTH	REMARKS -- SEALS, GROUTING, ETC.
12" I.D.	6' 11"	91' 8"	84' 9"	12" seated into top of first basalt drilled through 18' of natural clay seal material forming an effective seal against "surface water" infiltration into well
* 8" I.D.	6' 11"	461'	454' 1"	8" casing seated within aquifer sand - pulled back to expose screen.
6 5/8" I. D. x 7 1/2" O.D.	456' 10"	508'	52' 2"	8" telescope type Johnson, Evardur well screen with No. 25 slot. Bottom of well screen is completed depth of well filled back from 552' for screen

GENERAL INFORMATION - Pumping test, Quality of Water, Etc.

*Note: 8" casing anchored to 12" casing with casing cap installed 8/23/55 to prevent 8" (hanging free) from slipping down over screen.

Water supply developed in interbasalt sediments within a thick aquifer sand.

NE SE 5.17 39N 5EW

024833

WELL LOG

From Foot	To Foot	Type of Material	Drilling Time		Water-bearing Formation Ass. Yes or No	Casing Perforated Ass. Yes or No
			Hrs.	Min.		
		See Sheet No. 2 for Well Formation Log.				
A Well Capacity Pump Test was conducted for a continuous pumping period of 24 hours during 8/19 - 20/55. The static water level below ground surface was 124' and pumping rates are as follows: All data is below ground surface.						
GPM	Drawdown	Water Level	Specific Capacity	Temp. F.	Hours Stabilized	
650	64'	188'	10.16	59°	4½	
203	12'	156'	16.9	57°	4½	
Note: Pumping rates above 650 GPM caused creeping drawdown and since this pumping rate is in excess of owners proposed use, pumping at higher rates were discontinued.						
If more space is required use Sheet No. 2						

WELL DRILLERS STATEMENT

This well was drilled under my jurisdiction and the above information is true and correct to the best of my knowledge and belief.

Signed

By

License No. C 47

Dated _____, 19____

ENTD

7-55-N-1

024834

SHEET NO. 2

Owner: Sunset Memorial Garden
Well: ~~10000~~

Ground surface elevation at well site: 2610'

Well Location: Moscow, Idaho

WELL LOG

Screened well

From Feet	To Feet	Type of Material	Drilling Time		Water-bearing Formation Ans. Yes or No	Casing Perforated Ans. Yes or No	N o n e
			Hrs.	Min.			
* 0	5	Soft, black topsoil					
5	21	Light grey, sticky clay					
21	29	Light brown clay, with small washed gravel					
29	39	Yellow clay with small washed gravel; Water bearing gravel @ 34'; first water encountered and is water occurring in the overburden formations lying above the first basalt. All of this water is shut off by the 12" pipe.			YES		
39	53	Coarse, washed gravel with yellow clay					
53	69	Light brown clay with wood					
69	82	Dark brown clay					
82	87	Blue clay; 87' end of overburden material lying above the first basalt.					
87	91	Dark brown broken decomposed basalt					
91	254	Very dense hard black basalt					
254	272	Broken basalt with blue clay; end of first basalt					
272	278	Light green sticky clay					
278	281	Light yellow clay with broken basalt chips					
281	354	Green clay					
354	371	Light brown clay with sand					
371	409	Light brown sticky clay					
409	414	Sticky blue clay					
414	447	Chocolate brown clay					
447	513	Light grey decomposed granite sand; (aquifer sand; looks like salt and pepper). Beginning from 480' to 513' observed some wood particles in some samples.			YES		
513	550	Sticky chocolate brown clay					
550	552	Black basalt; beginning of second basalt formation;					
	508	Hole filled back to 508'					
* Notes: From ground surface to 8' - dug pump pit unfinished at well completion to cut off 12" and 8" casings @ 8' 11" below ground surface.							
NESE S.17 39N 5E							

WATER RIGHT LICENSE

THIS IS TO CERTIFY, that City of Moscow

Beneficial Use	Period of Use	Rate of Diversion	Annual Volume
Municipal	from January 1 to December 31	at 1.45 cfs and	n/a
	from to	at cfs and	
	from to	at cfs and	

(both dates inclusive)

Description and location of place of use:

[illegible]

Witness the seal and signature of the Director, affixed at Boise, Idaho, this 13th day of

JANUARY, 1984

Acting for the Director

Form 219
12/79

State of Idaho
DEPARTMENT OF WATER RESOURCES
FIELD REPORT

87-7034
Permit No.

CONTACT WITH PERMIT HOLDER

DATE INITIALS REMARKS

- ☐ Appointment letter mailed: _____
- ☐ Telephone call made: _____
(List Telephone No. used) _____
- ☐ Appointment scheduled for: _____
(Date, time, location) _____

EXAMINATION

Date 4-4-83 Accompanied by Ray Reynolds Total Q measured 1.45 cfs
If source is surface water, estimate total flow of source 650 gpm
Methods of measurement Motor #107988 Meets Permit requirements? yes plus water

Measurement calculations:

$$\frac{650 \text{ gpm}}{448.8} = 1.45 \text{ cfs} \quad \text{OK} \quad \text{KW}$$

plus water
& no
irrigation
use

WELL/DIVERSION* NO.	HP	MOTOR MAKE	MOTOR SERIAL NO.	PUMP MAKE	PUMP SERIAL NO.	MEASURING DEVICE TYPE	CONDITION OF MEAS. DEV.	REMARKS
<u>Booster</u>	<u>30</u>	<u>Marathon</u>	<u>1833714</u>	<u>Verhine</u>	<u>V-7773070</u>	<u>Flow Meter</u>	<u>Good</u> <u>107988</u>	

System Description 8" x 556 welle pump with 8" line to red used to 6" to 30 hp pump
then to two 1000 gal steel tanks then to city delivery system

*Code with map on reverse side. Disregard code if only one.

RECOMMENDED AMOUNTS

Irrigation requirement = _____ AFA/Acre

USE	Q (cfs)	V (afa)	FROM	TO
<u>Municipal</u>	<u>1.45</u>	<u>✓</u>	<u>1-1</u>	<u>12-31</u>

Total

1.45 OK

Remarks

well currently used only during summer peak use.
Irrigation included in municipal