

RECEIVED

Claim 4 (Well 2)

JUL 29 2019

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: 87-11369

Date Received: 7/29/19

Receipt No: C10785

Claim Fee: \$251.00 By: [Signature]

D.E. 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) 8/1/1925 (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 2.01 or _____

For _____ purposes from _____ to _____ amount _____ or _____

For _____ purposes from _____ to _____ amount _____ or _____

For _____ purposes from _____ to _____ amount _____ or _____

7. Total quantity claimed (a) 2.01 (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, 87-7034, 87-7069, and nine other municipal PRBA claims or None ()

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

This claim is the first of three claims for City of Moscow Well 2. The priority date is supported by minutes from a
City Council meeting conducted on July 23, 1925, approving the driller's bid for constructing Well 2; drilling
assumed to have begun on 8/1/1925. The flow rate is supported by documentation from the Moscow Water
Department and the 1958 Ebasco report. The supporting documents are provided as Attachment C.

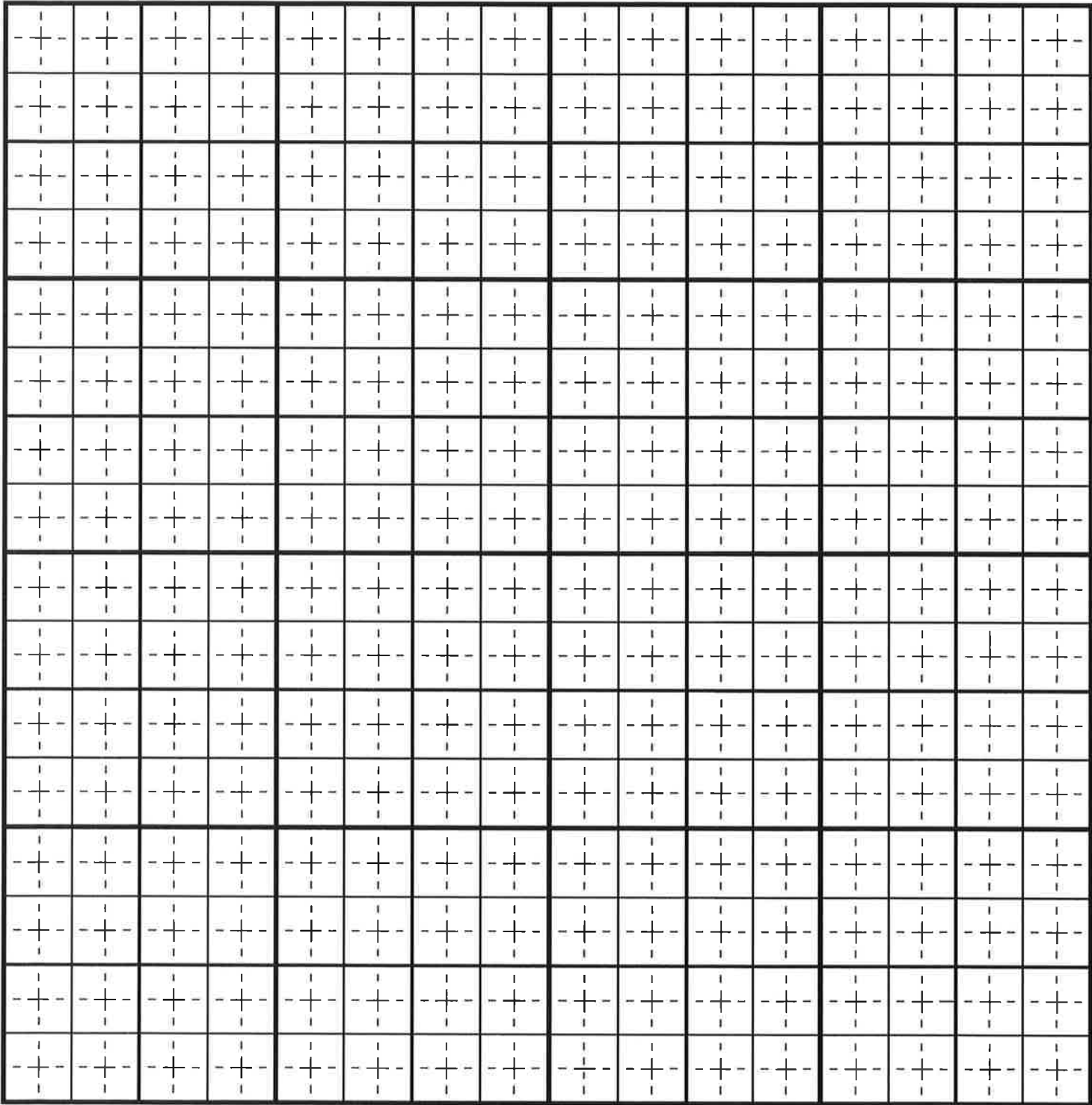
Name of claimant(s) City of Moscow

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



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 _____

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

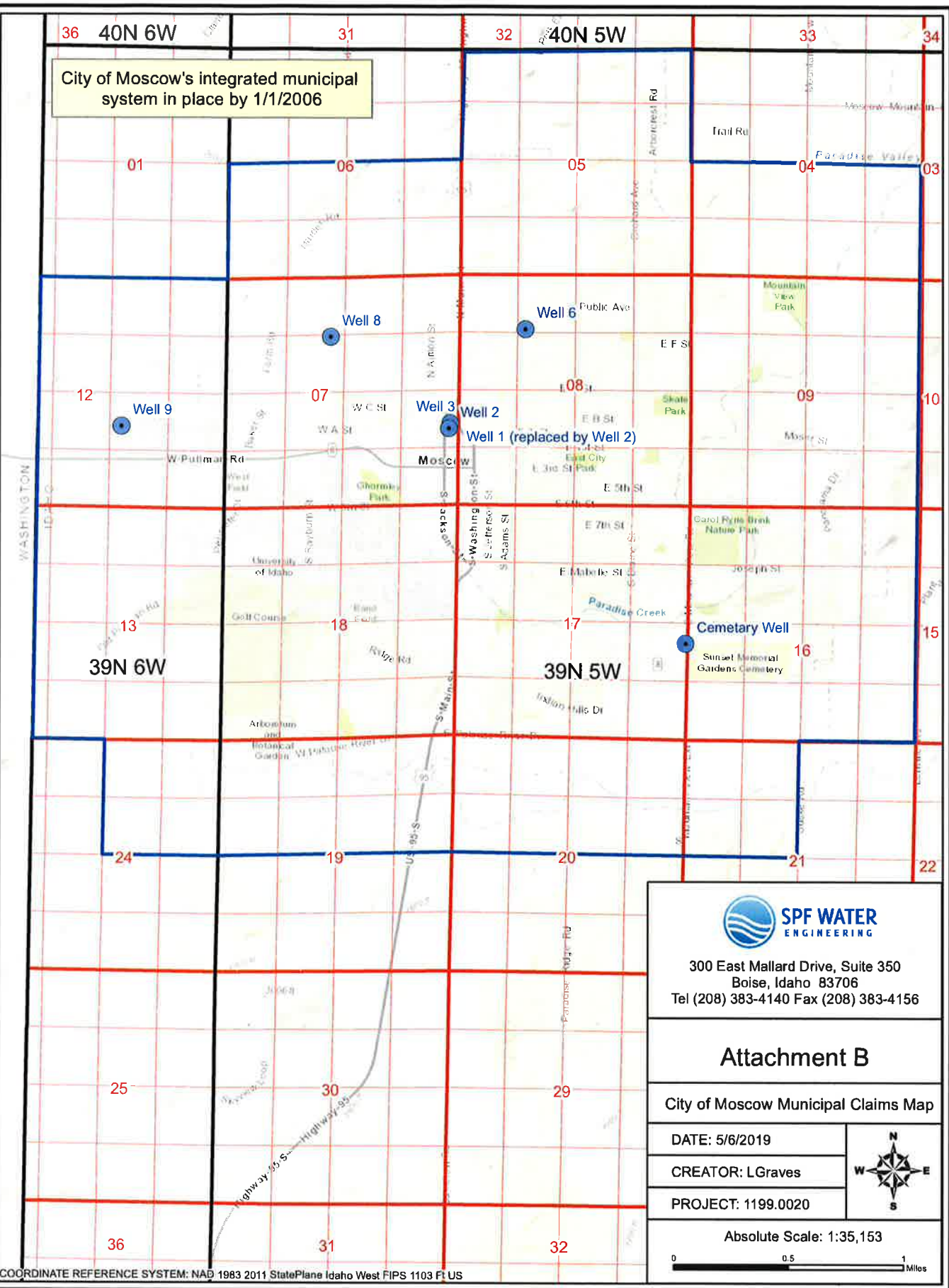
Address 380 S. 4th, Ste. 103, Boise, ID 83702

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

Point of Diversion/Place of Use Supplement

[illegible][illegible]

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

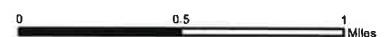
DATE: 5/6/2019

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 Well 2

Typed Version; Minutes of Special Council Meeting, July 23 1925

In reference to Well #2

A Claim was presented by A.A. Durand in the sum of \$9123.00 for drilling the new city well, and putting in extra casing of 220 feet.

It was moved by Collins and seconded by Smith that A.A. Durand be allowed the sum of \$8,000.00 for drilling the new city well, as per contract the balance on the of the claim for the 220 feet 12 in casing being left to further adjustment, and the clerk be instructed to draw a warrant in the sum of \$8,000.00 on the Water Works Extension found in favor of A.A. Durand.

Voting Aye; Carter, Collins, Dale, Kimberling, Smith and Thompson.

All of the council having voted for the motion, it was so ordered.

It was moved by Thompson and seconded by Kimberling that the City Treasurer be instructed to deliver \$10,000.00 additional Water Works System Bonds to Contrill Richards and Company, as per contract of sale.

The motion was duly carried, and was so ordered.

Minutes of Special Council meeting July 23, 1925

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Moscow City Council met in Special Session at the City Hall, Thursday, July 23, 1925, at 8:00 P.M. at the call of the Mayor, Mayor Mulgard presiding.

Roll Call Councilmen present: Carter, Collins, Dale, Kimberling, Smith and Thompson. Absent, None.

A claim was presented by A.A. Durand in the sum of \$9123.00 for drilling the new city well, and putting in extra casing of 220 feet.

It was moved by Collins and seconded by Smith that A.A. Durand be allowed the sum of \$8000.00 for drilling the new city well, as per contract, the balance of the claim for the 220 feet 12" casing being left to future adjustment, and the Clerk be instructed to draw a warrant in the sum of \$8000.00 on the Water Works Extension Fund in favor of A.A. Durand.

Voting Ays: Carter, Collins, Dale, Kimberling, Smith and Thompson.

All of the Council having voted for the motion, it was so ordered.

It was moved by Thompson and seconded by Kimberling that the City Treasurer be instructed to deliver \$10,000.00 additional Water Works System Bonds to Contrill, Richards & Company, as per contract of sale.

The motion was duly carried, and was so ordered.

It was moved by Carter and seconded by Collins that the Council adjourn.

The motion was duly carried, and so ordered.

Attest:
L. F. Peters
City Clerk

1720
679
111
250
2481
1841
1720
1250
1235
1400
1965
1960
2700
2950
4062
1167
1960
4750
4450
5500
5363
200
17273
1300
1550
3331
6181

110000

1250

12350

4300

19651

1960

2700

2950

4062

11672

1960

4750

4450

5550

5363

200

17273

1300

1550

3331

6181

that

It was moved by Collins and seconded by Smith that A.A. Durand be allowed the sum of \$8000.00 for drilling the new City well, as per contract, the balance of the claim for the 270 feet 12 1/2 casing being left to future adjustment, and the Clerk be instructed to draw a warrant in the sum of \$8000.00 on the Water Works Extension Fund in favor of A.A. Durand.

Voting aye: Carter, Collins, Dale, Kimberling, Smith and Thompson.
Call of the Council having voted for the motion, it was so ordered.

It was moved by Thompson and seconded by Kimberling that the City Treasurer be instructed to deliver \$10,000.00 additional to Contrill, Richards & Co. for control of sale.

Water Works System Bonds to Contrill, Richards & Co. for control of sale, and was so ordered.
The motion was duly carried by Carter and Richards & Co.
It was moved that the Council be so ordered by Collins and seconded by Smith.

The motion was duly carried, and so ordered.
Attest:
L. F. Petersen
Clerk.

WELL #2

By A. A. DURAND

CONSTRUCTED - 1925 [^] TOTAL COST - \$16,500

DEPTH - 560 ft., BACKFILLED TO 240 ft. WITH CONCRETE

DIA. - 15 in.

NAMEPLATE DATA:

LAYNE & BOWLER DEEP WELL TURBINE PUMP

SERIAL #107P3

U.S. MOTOR

125 H.P. ; 1800 RPM ; 440 VOLTS ; 3 PHASE ;

151 AMPS ; 60 CYCLE ; TEMP. - 40°F ;

TYPE - CFU ; FRAME - 9P2-A ; SERIAL #107P3 ; 311629

154 ft. LONG $\frac{3}{8}$ " DIA. AIRLINE

- ORIGINAL PUMP - 900 GPM BYRON JACKSON TURBINE

NEW

- PUMP AND MOTOR INSTALLED IN 1951

- PUMP RATED AT 950 GPM AT INSTALLATION

- CAPACITY REDUCED TO 600 GPM IN 1957 DUE TO SAND

CONDITION AND HOLES IN CASTING OF BOWL ASSEMBLY.

- NEW BOWL ASSEMBLY INSTALLED IN JAN., 1958 ; AGAIN - 1963

- SAND ELIMINATED BY CONCRETING

- TESTED AT 1150 GPM WITH NEW BOWL ASSEMBLY

- OPERATES AT ABOUT 1100 GPM

- USED AS STAND-BY ^{FOR PERIODS OF HIGH WATER DEMAND.} ; ~~DRILLED BY A. A. DURAND~~

WATER ANALYSIS - SEPT. 24, 1964

BY STATE OF IDAHO DEPT. OF HEALTH

pH - 7.0

TOTAL SOLIDS - 230 ppm

BICARBONATE ALKALINITY (AS $\text{Ca}(\text{M}_2)$) - 132 ppm

INTERIM REPORT

PHASE ONE

PRELIMINARY RECONNAISSANCE AND CONSULTATION

SUPPLEMENTAL WATER SUPPLY

FOR THE

CITY OF MOSCOW, IDAHO

Ebasco - 1958

Appendix A

DATA ON MOSCOW WELLS
(Not including those operated by University)

- Well No. 1 Located at central pump station. Hole 12 inches in diameter. Depth about 240 feet. Byron Jackson Deep Well Turbine with 75 hp motor, installed in 1931. At time of installation, pump delivered 600 gpm. Now delivers about 400 gpm (No meter). New pumping unit (Lewis) installed in 1945. Pump column lowered about 30 feet in 1956. Used only as stand-by and for street flushing purposes.
- Well No. 2 Located at central pump station. Hole 15 inches in diameter. Present depth about 250 feet. Layne & Bowler Deep Well Turbine pump with a 125 hp motor, installed in 1951. At time of installation, pump delivered 950 gpm. Capacity of pump reduced to 600 gpm late in 1957, due to sand condition and holes in casting of bowl assembly. New bowl assembly installed in January 1958. Sand eliminated by concreting. Test showed pump delivering 1150 gpm with new bowl assembly, with power demand of about 125 hp. Pump now delivering about 1100 gpm.
- Well No. 3 Located at central pump station. Hole diameter 15 inches. Depth about 280 feet. Byron Jackson Deep Well Turbine Pump with a 150 hp motor, installed in 1931. At time of installation pump delivered 1250 gpm. New bowl assembly installed in 1945. Pump column lowered about 36 feet in 1956. Test showed pump delivered about 1400 gpm, with new assembly, and now delivers about 1350 gpm. Motor is operating at about 90 per cent of rated capacity.
- Well No. 6 Located about 1/2 mile northerly from the central pump station. Drilled in 1955. Depth 280 feet. Diameter of hole at 250 feet is 19 inches. On test, well produced about 1500 gpm. Pomona Deep Well Turbine Pump rated capacity of 800 gpm with 150 hp motor (excess power to allow for increasing capacity of well) installed in 1956. Well delivered about 1000 gpm during 1956 and up to spring 1957. Flow gradually reduced to 275 gpm during summer 1957; pump removed. Hole is now being drilled to a lower depth to strike lower level of water. Hole now drilled to a depth of 930 feet. Basalt structure from 900 to 930 feet, this being the third layer of basalt encountered from the surface downward.

Water in all of the above described wells apparently derived from lower level of top basalt layer or just below said strata, at about 250 foot level.