

Page 1 of 89STATE OF IDAHO
DEPARTMENT OF WATER RESOURCESTransfer No. 73774

RECEIVED APPLICATION FOR TRANSFER OF WATER RIGHT

AMENDED

PART 1

JAN 04 2005

WATER RESOURCES
WESTERN REGION

City of Cambridge

Phone (208) 257-3318

Post Office address

PO Box 220 Cambridge, ID 83610

A. PURPOSE OF TRANSFER

1. ☒ Change point of diversion ☐ Add diversion point(s) ☐ Change place of use
☐ Change nature of use ☐ Change period of use ☐ Other _____
2. Describe the reason for the proposed changes Reflect a combined system on City's
municipal groundwater rights.

B. DESCRIPTION OF RIGHT(S) OR PORTION THEREOF, AFTER THE REQUESTED CHANGE

- | 1. Right Number | Priority | Amount
(cfs/ac-ft) | Nature
of Use | Period of Use |
|-----------------|-----------|-----------------------|------------------|---------------|
| 67-7377 | 3/15/1978 | 1.89 cfs | municipal | 1/1 to 12/31 |
| 67-2306 | 1/04/1963 | 1.11 cfs | municipal | 1/1 to 12/31 |
| 67-10970 | 11/1/1934 | 0.29 cfs | municipal | 1/1 to 12/31 |
| 67-14512 | 6/30/1956 | 0.59 cfs | municipal | 1/1 to 12/31 |
2. Total amount of water being transferred 3.88 cubic feet per second and/or _____ acre-feet per annum.
3. Source of water groundwater tributary to _____
4. Point(s) of Diversion:

Lot	¼	¼	¼	Sec.	Twp.	Rge.	County	Local name for diversion
		SE	SE	3	14N	3W	Washington	Well No. 1
		SW	SW	2	14N	3W	Washington	Well No. 2
		SW	SW	2	14N	3W	Washington	Well No. 3

5. Lands irrigated or place of use:

Twp.	Rge.	Sec.	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	

Total acres _____

PART 1

6. General Information:

a. Description of diversion system wells, pumps, tanks, and mainlines

b. Are the lands from which you propose to transfer the water right subject to any liens, deeds of trust, mortgages, or contracts? _____ Yes X No. If yes, provide a notarized statement from the holder of the lien, deed of trust, mortgage or contract agreeing to the proposed changes.

c. Describe the affect on the land now irrigated if the place of use is changed pursuant to this transfer:

d. Remarks:
As part of a water system capital improvement project, Well No. 1 will be converted
to non-potable municipal use and proposed Well No. 3 will replace Well No. 1 in
municipal drinking water system. All well lots are owned in fee by the City.

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Transfer of Water Rights No. _____

And said application is hereby _____, subject to the following limitations and conditions:

Witness my hand this _____ day of _____, 19_____

**IDAHO DEPARTMENT OF WATER RESOURCES
APPLICATION FOR TRANSFER OF WATER RIGHT
PART 2**

Transfer No. _____

Receipt No. _____

Current Water Right No. 67-7377

Priority Date: 03/15/1978

Origin: Adjudication Claim

Basis: Permit

Status: Active

Source: GROUND WATER

Tributary to:

<u>Beneficial Use</u>	<u>From</u> <u>To</u>	<u>Diversion Rate</u>	<u>Volume</u>	<u>Subuse Code</u>
MUNICIPAL	1/01 12/31	2.20 CFS		
	Total Diversion	2.20 CFS		

Source and Point(s) of Diversion:

GROUND WATER SWSW 14N 03W 2 WASHINGTON

Conditions/Remarks:

1. P/U WITHIN CITY LIMITS OF CAMBRIDGE.
ADDRESS CHANGE BY CLAIMANT LETTER.
2. The right holder shall either install a measuring device or provide a certified measurement by a professional engineer or install an access port or other device as specified by the Department.

Documentation of Ownership of the Current Place of Use

Owner of Record

Is this property subject to any liens, deeds of trust, mortgages, or contracts or other encumbrances?

NO

Describe the affect on the current place of use for this water right if the place of use is changed pursuant to this transfer

None

To your knowledge, has any portion of the water right undergone a period of five(5) or more consecutive years of non-use?

No

Page 4 of 9 IDAHO DEPARTMENT OF WATER RESOURCES
APPLICATION FOR TRANSFER OF WATER RIGHT
PART 2

Current Water Right No. 67-2306

Priority Date: 01/04/1963

Origin: Adjudication Recommendation

Basis: License

Status: Active

Source: GROUND WATER

Tributary to:

Beneficial Use	From To	Diversion Rate	Volume	Subuse Code
MUNICIPAL	01/01 12/31	1.11 CFS		
	Total Diversion	1.11 CFS		

Source and Point(s) of Diversion:

GROUND WATER	SWSW	14N 03W	2	WASHINGTON
GROUND WATER	SWSW	14N 03W	2	WASHINGTON
GROUND WATER	SESE	14N 03W	3	WASHINGTON

PLACE OF USE: MUNICIPAL

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
14N 03W 2									X	X							
14N 03W 3													X	X	X	X	
14N 03W 10	X			X													
14N 03W 11						X											

Conditions/Remarks:

1. After specific notification by the Department, the right holder shall record the quantity of water diverted or shall enter into an agreement with the Department to determine the amount of water diverted from power records and shall annually report the information to the Department.
2. Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code and applicable Well Construction Rules of the Department.
3. Place of use is within the service area of the City of Cambridge municipal water supply system as provided for under Idaho Law.
4. The right holder shall accomplish the change authorized by this transfer within one year of the date of this approval.

Page 5 of 9

**IDAHO DEPARTMENT OF WATER RESOURCES
APPLICATION FOR TRANSFER OF WATER RIGHT
PART 2**

Current Water Right No. 67-2306

5. Failure of the right holder to comply with the conditions of this transfer is cause for the Director to rescind approval of the transfer.
6. Approval of this transfer does not preclude the opportunity for review of the validity of this water right in the ongoing Snake River Basin Adjudication.
7. Prior to diversion of water under this approval, the right holder shall provide a means of measurement acceptable to the Department from all authorized points of diversion which will allow determination of the total rate of diversion.
8. The total instantaneous diversion of water from all points of diversion under Right 67-2306 shall not exceed 1.11 cfs.
9. Rights 67- 7377 and 67-10970 are also diverted through two of the points of diversion described above.

Documentation of Ownership of the Current Place of Use

Owner of Record

Is this property subject to any liens, deeds of trust, mortgages, or contracts or other encumbrances?

NO

Describe the affect on the current place of use for this water right if the place of use is changed pursuant to this transfer

None

To your knowledge, has any portion of the water right undergone a period of five(5) or more consecutive years of non-use?

No

Page 4 of 9

**IDAHO DEPARTMENT OF WATER RESOURCES
APPLICATION FOR TRANSFER OF WATER RIGHT
PART 2**

Current Water Right No. 67-14512

Priority Date: 06/30/1956

Origin: Adjudication Claim

Basis: Beneficial Use

Status: Active

Source: GROUND WATER**Tributary to:**

<u>Beneficial Use</u>	<u>From</u> <u>To</u>	<u>Diversion Rate</u>	<u>Volume</u>	<u>Subuse Code</u>
MUNICIPAL	01/01 12/31	0.59 CFS		
	Total Diversion	0.59 CFS		

Source and Point(s) of Diversion:

GROUND WATER SESE 14N 03W 3 WASHINGTON

Conditions/Remarks:

1. Place of use is within the city of Cambridge and surrounding service area.

Documentation of Ownership of the Current Place of Use

Owner of Record

Is this property subject to any liens, deeds of trust, mortgages, or contracts or other encumbrances?

NO

Describe the affect on the current place of use for this water right if the place of use is changed pursuant to this transfer

None

To your knowledge, has any portion of the water right undergone a period of five(5) or more consecutive years of non-use?

No

Page 1 of 9

**IDAHO DEPARTMENT OF WATER RESOURCES
APPLICATION FOR TRANSFER OF WATER RIGHT
PART 2**

Current Water Right No. 67-10970

Priority Date: 11/01/1934

Origin: Adjudication Claim

Basis: Beneficial Use

Status: Active

Source: GROUND WATER

Tributary to:

<u>Beneficial Use</u>	<u>From To</u>	<u>Diversion Rate</u>	<u>Volume</u>	<u>Subuse Code</u>
MUNICIPAL	01/01 12/31	0.29 CFS		
	Total Diversion	0.29 CFS		

Source and Point(s) of Diversion:

GROUND WATER SESE 14N 03W 3 WASHINGTON

Conditions/Remarks:

1. ADDRESS CHANGE BY CLAIMANT LETTER.
2. Place of use is within the city of Cambridge and surrounding service area.

Documentation of Ownership of the Current Place of Use

Owner of Record

Is this property subject to any liens, deeds of trust, mortgages, or contracts or other encumbrances?

NO

Describe the affect on the current place of use for this water right if the place of use is changed pursuant to this transfer

None

To your knowledge, has any portion of the water right undergone a period of five(5) or more consecutive years of non-use?

No



PART 3

B. CHANGES IN NATURE OF USE

1	New Nature of Use	Amount (cfs/ac-ft)	Hours/days/year	Period of Use
				to _____
				to _____

2. Quantity and quality of return flows and location of discharge:

3. Describe effects on other water uses resulting from the proposed change:

None

I hereby assert that no one will be injured by such change and that the change does not constitute an enlargement in use of the original right. 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 voiding its approval.

Michael E. Holladay

(Signature of Applicant)

Mike Holladay, City Engineer

Subscribed and sworn to before me this

7th

day of

July

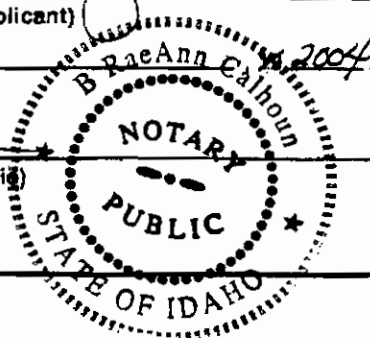
2004

[Signature]

(Notary Public)

My commission expires

12/6/2008



FOR DEPARTMENT USE ONLY

Transfer contains 9 pages and 7 attachments

Received by _____ Date _____ Protest filed by _____

Prelim. check by _____ Fee _____

Receipted by _____ Date _____

Published in _____ Copies of protest forwarded by _____

Pub. dates _____ Hearing held by _____ Date _____

Watermaster recommendation requested on _____ Recommended for ☐ approval ☐ denial

_____ rec'd. _____ by _____

Copy of transfer sent to lien holder _____



HOLLADAY ENGINEERING CO.

ENGINEERS • CONSULTANTS

32 N. Main P.O. Box 235 Payette, ID 83661
(208) 642-3304 • Fax # (208) 642-2159

RECEIVED

JAN 04 2005

WATER RESOURCES
WESTERN REGION

December 29, 2004

Dan Nelson
Western Regional Office
Department of Water Resources
2735 Airport Way
Boise, ID 83705-5082

Re: City of Cambridge Water Right Transfer

Dear Mr. Nelson,

In response to your letter dated October 15, 2004, we are providing information to verify City of Cambridge water right 67-10970. We have researched City records and determined the following history of municipal water development.

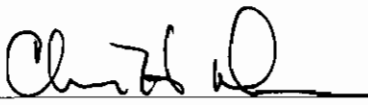
1. On October 26, 1936, the W.P.A. funded the construction of a municipal well located in the SE, SE of Section 3, T 14 N, R 3W, as shown in attached Document 1. The well construction specifications listed a deep well turbine pump equipped with a 10 h.p. motor. The well log no longer exists as indicated in attached Document 2. City records show 65 municipal connections in 1936 and increasing to approximately 100 system connections in 1952, as shown in Document 3. The well still exists today as shown in the photographs attached as Document 4, but is currently disconnected from the potable water system.
2. On June 30, 1956, the City completed a second municipal well located in the SE, SE of Section 3, T 14 N, R 3W. The well log is shown in Document 5 (attached). The purpose for constructing a second well is unclear for our research of City records, but the City Superintendent believes the well was needed to increase water production capacity in the City's municipal system. The 12-inch diameter well was constructed to a depth of 502 feet and equipped with a 5-inch Peerless pump. Unfortunately, we can not locate records listing pump and motor specifications for the 5-inch Peerless pump equipment. The well was re-drilled and the depth was increased to 904 feet as shown in Document 6. Water right license 67-2306 was issued for 1.11 cfs in 1963.

Based on our review of the documentation, we are submitting amended Notice of Claim for water right 67-10970, which reflects a diversion capacity and beneficial use of 0.29 cfs in 1934. The diversion rate was computed based on pump motor h.p. using the IDWR formula. We are submitting a second Notice of Claim for a municipal beneficial use water right of 0.59 cfs in 1956. This claim reflects a second municipal well constructed in the City system. We are also

submitting a revised Application for Water Right Transfer that reflects the above beneficial use changes and revised water right claims. The City plans to submit an application for well abandonment for the original 1934 municipal well located in the SE, SE, Section 3, T 14N, R 3W.

If you have any questions, please contact me at (208) 642-3304.

Sincerely,
HOLLADAY ENGINEERING COMPANY

By: 
Chris Duncan
Project Geologist

Cc: Ernie Houghton, City of Cambridge

Attachments

DOCUMENT 1

PUMP

The pump shall be the Deep Well Turbine Type, as of the Byron Jackson or Layne & Bowler specifications or equivalent thereto

Equipped with automatic starter and switch
Direct connected 10 H.P. motor
Starting switch to be of the improved type
Voltage 220 - 3 phase - 60 cycle
Speed not to exceed 1800 R.P.M.
Pump capacity 100 gals. per minute
Under ground discharge
Total head 210 feet
Lift 80 feet
Well casing 8 inches

TWO INCH GATE VALVES

The gate valves shall be as of the Mueller Compression Line Stop H - 10915 or equivalent and shall have a tee handle.

SERVICE BOXES

The service boxes shall be as of the Crano Companys Standard Adjustable 2 $\frac{1}{2}$ inch service box, 92 C. #44100 or the equivalent thereto. Length 3 $\frac{1}{2}$ feet full extension.

CURB STOPS

The curb stops shall be as of the James Jones Standard Curb Stop # 200 or the Mueller "H" Pattern Solid Tee Head Round Way.

With inside I.P. inlet and outlet.
H - 10255 or the equivalent thereto.

ATTACHMENT B-1

~~ATTACHMENT B~~

Cambridge

Honorable Chairman and Village Board
Cambridge, Idaho

Dear Sirs:

We the undersigned property owners believing that it is to our benefit both individually and as a Village to have water made available for domestic use and fire protection and believing that it is possible to get 45% of such a system furnished us free of cost by the Government through the Federal Emergency Relief Administration, do hereby petition your honorable body to immediately take the necessary steps to secure the promise of a 45% Government Grant of \$11787.34 and 55% Government Loan of \$14406.76, for this purpose, and if successful in securing this aid to call a Bond Election for the purpose of voting on the issue and sale of General Obligation Bonds of the Village of Cambridge in the amount of \$14406.76 to be used in paying the Village's share of the expense of constructing a water system with this Government aid.

This Project would afford labor to our people in the amount of approximately \$9600.00 or 74% of the Village's share of the total cost.

It is our belief that these bonds, in this amount, can and should be paid off through the proceeds of the water system as it is constructed and operated as shown in the accompanying financial table; and by reason of this fact there would be no general tax against the properties in the Village for that purpose.

We also hereby agree to each make an application for a water service, consisting of pipe and meter, from the main or lateral to our property line, same to be at no additional cost to us, and we also agree to pay for the use of water to be delivered to us through this said service at the rate of \$2.00 per month for a maximum amount of 5000 gallons per month.

ATTACHMENT B *B*

CERTIFICATE OF PURPOSES AND STATEMENT OF PROJECT COSTS

168
 Name of applicant Village of Cambridge
 Address Cambridge, Idaho
 Type of project Waterworks Date October 8, 1936 On P. No. 1070-R
 Requisition No. Final (Loan Grant)
 Docket No. Idaho 1070-R
 Contract No. _____
 (APPLICANT DO NOT USE)

The following is the status of the above project as of the dates indicated. The funds requisitioned on the accompanying form, P. W. C. A. _____ will be expended for the purposes shown in column 4, subject to change approved by the Federal Emergency Administration of Public Works.

CLASSIFICATION (1)	LATEST APPROVED ESTIMATE (2)	PREVIOUS P. W. C. A. LOAN REQUESTS OR PAYMENTS (3)	THIS REQUISITION (4)	COSTS INCURRED AS OF 7-1-1936 (5)	AMOUNT DISBURSED AS OF 8-8-1936 (6)
1. PRELIMINARY EXPENSES	255.02	20.00	(1) 235.02	255.02	230.47
TOTALS	255.02	20.00	235.02	255.02	230.47
2. LANDS, RIGHTS-OF-WAY, AND EASEMENTS	-0-	-0-	-0-	-0-	-0-
3. CONSTRUCTION	24,990.84	21,425.20	3,565.64	24,990.84	21,904.87
4. ENGINEERING, ETC.: Engineering Fees	1,249.34	1,250.00	- .46	1,249.54	1,117.33
Architectural Fees					
Applicant's Forces	295.21	-0-	(1) 250.00	250.00	250.00
TOTALS	1,544.75	1,250.00	249.54	1,499.54	1,367.33
5. LEGAL, ADMIN., ETC.: Legal Fees	300.00	300.00	-0-	300.00	300.00
Legal Costs					
Admin. and Overhead		375.00	(2) 375.00	-0-	-0-
TOTALS	300.00	675.00	375.00	300.00	300.00
6. INTEREST	181.39	200.00	- 18.61	181.39	-0-
7. MISCELLANEOUS	-0-	200.00	(2) -200.00	-0-	-0-
GRAND TOTALS	27,272.00	23,770.20	*3,481.85	27,226.79	23,802.67

* \$25.26 in excess items 1 to 7 because \$15,000 loan shown in column 3 is in excess of 55% of cost of project by \$25.26.

	APPLICANT	P. W. A. LOAN	P. W. A. GRANT	TOTAL
Funds required and allotted		15,000.00	12,272.00	27,272.00
(a) Payments Funds deposited and source	Gen'l. Funds (A) 125.00	15,000.00	8,776.20	23,895.20
Funds disbursed, per column 6, above				23,802.67

ATTACHMENT B3

AFFIDAVIT OF PUBLICATION

ORDINANCE NO. 110

An Ordinance submitting to the qualified electors of the Village of Cambridge, Washington County, State of Idaho, who are taxpayers of the Village of Cambridge, Washington County, State of Idaho, for their determination, the question of issuing the negotiable coupon bonds of the Village in the sum of \$17,700.00, to provide funds with which to construct a water-works plant and system of the Village of Cambridge, by purchasing the necessary materials and by constructing a water-works plant and system for the Village of Cambridge, Washington County, State of Idaho; providing the maximum rate of interest on said bonds, which shall not exceed 4 per centum per annum; providing that the ultimate maturity of said bond issue shall be twenty years from the date of issue; making provision for the levy and collection of a tax necessary to pay the principal of and the interest to accrue upon such bonds upon an annual amortization plan, as provided by Section 55-211, Idaho Codes Annotated, as amended by Chapter 95, Session Laws of Idaho, Regular Session, 1935, and Chapter 59, Laws of the Extraordinary Session of the Twenty-third Legislature (1935) prescribing the form of notice to be given to the qualified electors of the Village of Cambridge, Washington County, State of Idaho, who are taxpayers of the Village of Cambridge, Washington County, State of Idaho, of the holding of such election, and a form of ballot to be used in voting thereat; fixing the time and place of holding such election, and naming the election officers, to serve thereat.

WHEREAS, it appears necessary for the best interests of the Village of Cambridge, Washington County, State of Idaho, at large, that the said Water-works plant and system be constructed in accordance with the adopted plans and specifications therefor now on file in the office of the Village Clerk, to which reference is hereby made for greater certainty; and

WHEREAS, it is contemplated that the cost of improving said Village of Cambridge be paid for by the Village at large, and out of the general funds of said Village; and

WHEREAS, the Village of Cambridge, Washington County, State of Idaho, is unable to provide the necessary funds for the expenses and construction out of the general levy; and

WHEREAS, it is deemed advisable to issue negotiable coupon bonds of said Village in the sum of \$17,700.00, to provide moneys with which to construct said water system of the Village of Cambridge, Washington County, State of Idaho, by constructing said Water plant and system therein in substantial accordance with the adopted plans and specifications therefor.

NOW, THEREFORE, BE IT ORDAINED BY THE CHAIRMAN AND BOARD OF TRUSTEES OF THE VILLAGE OF CAMBRIDGE

State of Idaho
County of Washington } ss.

John Ransom, being duly sworn, deposes and says that he is the publisher, principal clerk, of THE NEWS-REPORT a weekly newspaper published at Cambridge, Washington County, Idaho, and that said paper has been published continuously for more than 78 weeks immediately preceding the first publication of the attached notice; that said paper is in general circulation in the county aforesaid and in the vicinity of Cambridge, Idaho; that the notice, a copy of which is attached hereto, was published in said newspaper once a week for 1 consecutive weeks in the regular and entire issue of every number thereof during the period and time of publication, and was published in the newspaper proper and not in a supplement thereto; that the publication of said notice began with the issue of Oct 24 1935, and ended with the issue of Oct 24 1935.

John Ransom

Subscribed and sworn to before me this

30th day of October 1935

Rebecca

Notary Public for Idaho, residing at Cambridge, Idaho

ATTACHMENT B 4

DOCUMENT 2

1511 Mackville St.
Boise Idaho
June 20, 1950

Dear Sir



The log of the well you are inquiring about ~~is~~ ^{was} held by the W. P. F. O. office. I do not have a copy of this ~~well~~ log but I recall the strata of water you are talking about.

The strata lies between 200 and 225 feet. There is approximately 15 to 20 feet of water bearing coarse blue sand, however I don't think the water is warm. This well was drilled during cold weather and in dumping the water of 50° to 60° would steam making persons believe it was warm water.

A well could be developed to pump 3 to 4 hundred gallons per minute. I would be interested in doing any work you want done. Please let me know if there is any thing further you would like to know.

Sincerely
Russet Crowe

DOCUMENT 3

The estimated operating expense for the system is shown below in detail for the year 1936 with 65 users.

Power for pumping	\$273.00
General Manager & Meter Reader	300.00
Repairs	20.00
Office	165.00
	<u>\$758.00</u>

PROPOSED WATER RATES

Gallons per month	Price per 1,000 Gals,
First 5000	\$0.40
next 5000	0.30
next 10000	0.20
All over 20000	0.15

Minimum Monthly Rate - - - 5,000 gals. \$2.00

Below is presented a Financial Table showing the estimated results of operating the Water System for a period of a 17 year loan. Payments from revenues are shown in the table.

Engineer's estimate TOTAL COST of Project \$26194.10
Grant by the Gov't @ 45% of the total cost 11787.34

Amount of Loan - - - - \$14400.00

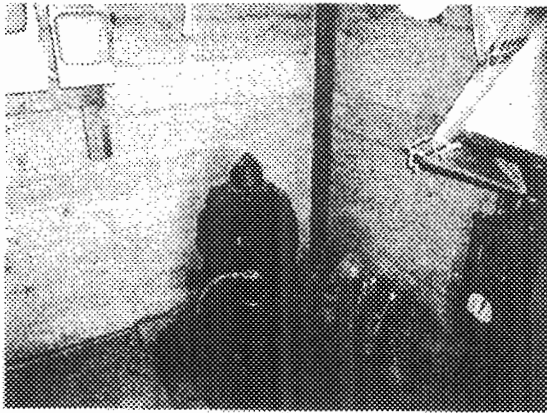
Year	No. Users	Gross Revenue @ \$2 Mo.	Yearly operating expense	Net revenue available for debt	Principal amount	Interest @ 4%	Amortization	Yearly Surplus
1936	65	\$1560	\$758	\$ 802	\$14400	\$576.00	\$200	\$26.00
1937	67	1608	766	842	14200	568.00	260	14.00
1938	70	1680	778	902	13940	557.60	330	14.40
1939	75	1800	798	1002	13610	544.40	440	17.60
1940	80	1920	818	1102	13170	526.80	550	25.20
1941	85	2040	838	1202	12620	504.80	690	17.20
1942	90	2160	858	1302	11930	477.20	800	24.80
1943	90	2160	858	1302	11130	445.20	940	16.80
1944	95	2280	878	1402	10190	407.60	970	24.40
1945	95	2280	878	1402	9220	368.80	1000	33.20
1946	95	2280	878	1402	8220	328.80	1050	13.20
1947	100	2400	898	1502	7170	286.80	1200	15.20
1948	100	2400	898	1502	5970	238.80	1260	63.20
1949	100	2400	898	1502	4770	190.80	1380	61.20
1950	100	2400	898	1502	3520	140.80	1300	61.20
1951	100	2400	898	1502	2220	88.80	1350	63.20
1952	100	2400	898	1502	870	34.80	870	597.20

The above table shows that the loan or bonds would be paid out in 17 years at 4% interest, with the number of users as listed. There is a possible 136 users at the present time without allowing for future growth.

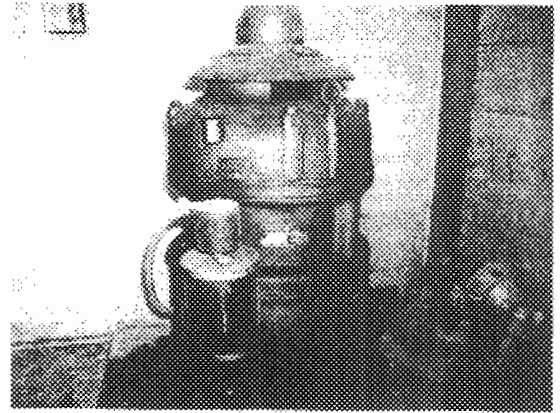
ATTACHMENT D

L. M. Foster
Eng'r.

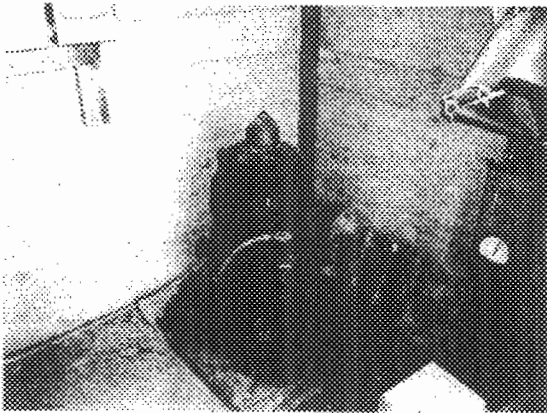
DOCUMENT 4



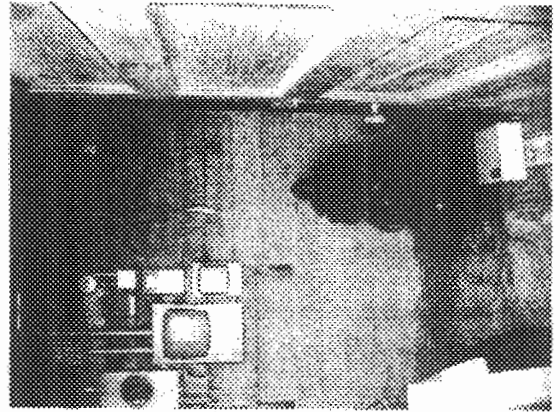
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11/3/2004



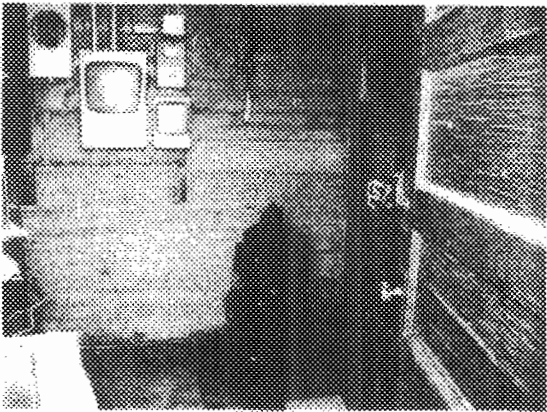
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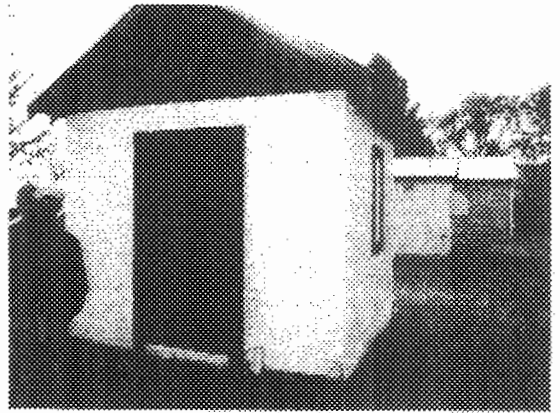
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11/3/2004



PB030004.JPG
11/3/2004

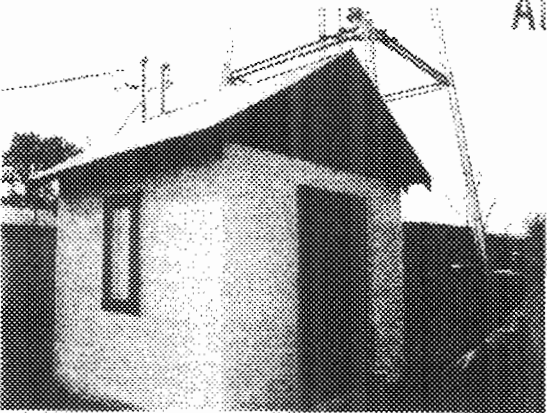


PB030005.JPG
11/3/2004

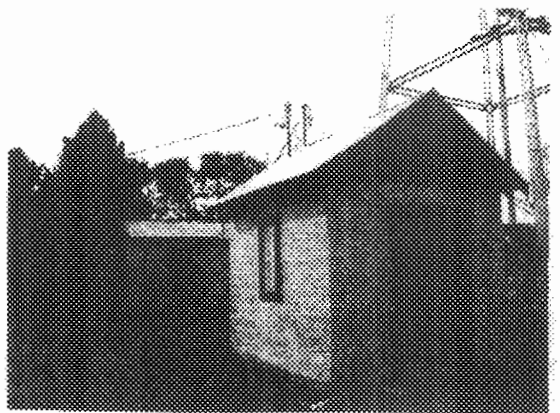


PB030006.JPG
11/3/2004

ATTACHMENT E



PB030007.JPG
11/3/2004



PB030008.JPG
11/3/2004

DOCUMENT 5

WELL #1

WELL LOG AND REPORT TO THE STATE RECLAMATION ENGINEER OF IDAHO

Log No. _____
 Rec. _____, 19____
 Well No. _____
 Permit No. 9-26339

(DO NOT FILL IN)

Owner Village of Cambridge Address Cambridge, Idaho
 Driller Rich Kishinski Address Red Bluff, Idaho Lic. No. 360A
 Location of Well: NE 1/4 NE 1/4 Sec. 10, T. 14 N/S, R. E/W Washington County,
 and _____ feet N/S, and _____ feet E/W from _____ Corner of _____ 1/4 _____ 1/4 Sec.
 Size of Drilled Hole 12" Total depth of Well 504'
 Give depth of standing water from surface 31' Water Temp. _____ °Fahrenheit
 On pumping test delivery was 125 g.p.m. or _____ c.f.s. Drawdown was 100 feet.
 Size of pump and motor used to make the test 5" Peerless with John Deere Tractor
 Length of time pumped during check was eight hr., no 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 Municipal Waterworks Weight of casing per linear foot 44#
 Thickness of casing _____ Casing material Pipe
 E.G., PIPE, CONCRETE, WOOD.
 Diameter, length and location of casing 203'-11"-12" 42# 144'-12" 44# 76'-0" 16"
 (CASING 12" IN DIAMETER AND UNDER GIVE INSIDE DIAMETER;
 CASING OVER 12" IN DIAMETER GIVE OUTSIDE DIAMETER.)
 Number and size of perforations _____ located 135 feet to 140 feet
 from surface of ground.
 Other perforations 150'-157', 263'-272', 335'-345', 357'-417'
 Date of commencement of well Apr 24, 1956 Date of completion of well June 30, 1956
 Type of well rig Star 71

CASING RECORD

DIAM. CASING	FROM FEET	TO FEET	LENGTH	"REMARKS" -- SEALS, GROUTING, ETC.
12"	0'	203'-11"	203'-11"	42#
12"	203'-11"	348'-8"	144'-9"	44#
10"	332'-8"	414'-8"	76'-0"	

GENERAL INFORMATION—Pumping Test, Quality of Water, Etc.

Water is very cold, clear & pleasing to the taste, but of limited quantity

ATTACHMENT F-1

WELL LOG

From Feet	To Feet	Type of Material	Drilling Time		Water-bearing Formation Ans. Yes or No	Casing Perforated Ans. Yes or No
			Hrs.	Min.		
0	2	Top soil				
2	8	Clay & sugar head Boulder				
8	19	Cement gravel				
19	39	Silt, chunks of clay, loose gravel				
39	56	Heavy sandy clay & chunks of shale				
56	63	Sandy silt, red iron, broken clay				
63	85	Sandy silt, trace of blue shale				
85	94	Sandy clay				
94	116	Hard blue shale				
116	138	Sticky blue shale				
138	143	Coarse sand & trace of clay	135	140	yes	yes
143	146	Heavy green clay				
146	148	Fine sand			yes	yes
148	179	Conglomerate, shale & sand	150	157	yes	yes
179	232	Hard sticky blue clay				
232	245	Hard blue shale				
245	264	Blue shale & soapstone				
264	265	Coarse sand	263	272	yes	yes

If more space is required use Sheet No. 2

WELL DRILLER'S 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. _____

Dated _____ 19__

ATTACHMENT F-2

Well Driller.....

WELL LOG

ATTACHMENT F-3

DOCUMENT 6

WELL LOG AND REPORT OF THE STATE RECLAMATION ENGINEER OF IDAHO

The 1956 well
was drilled
deeper in 1962

Permit No. _____ Well No. _____ County _____

Owner _____

Address _____

Driller Wm. M. Lukehart, d/b/a Lukehart Drilling & Pump Co.

Address 1819 Federal Way, Boise, Idaho

Well location SE 1/4 SE 1/4 Sec. 3, T. 14 N. R. 3 E/W

Size of drilled hole 8"

Locate well in section

NW 1/4	NE 1/4
SW 1/4	SE 1/4

Total depth of well 929'

Give depth to standing water from the ground flow Water temp. 70 °Fohr.

On "Pumping Test" delivery was -- g.p.m. or -- c.f.s. Drawdown was -- feet.

Size of pump and motor used to make test none

Length of time of test none hours -- minutes.

If flowing well, give flow -- c.f.s. or 400 g.p.m. and of shut off pressure 29 lbs

If flowing well, described control works 125 lb. Crane 8" Valve

(TYPE AND SIZE OF VALVE, ETC.)

Water will be used for -- Weight of casing per lineal foot 10" 34lb. 8" 25 lb.

Thickness of casing .250 in. Casing material Steel

(STEEL, CONCRETE, WOOD, ETC.)

Diameter, length and location of casing 517' of 10", from surface; 906' of 8" from surface.

(CASING 12" IN DIAMETER OR LESS, GIVE INSIDE DIAMETER;
CASING OVER 12" IN DIAMETER, GIVE OUTSIDE DIAMETER)

CASING RECORD

Diam. Casing	From Feet	To Feet	Length	Remarks—seals, grouting, etc.
10"	-0-	517'	517'	Casing setting in rock, cemented
8"	-0-	906'	906'	Casing setting in rock, cemented

Number and size of perforations None located -- feet to -- feet from ground

Date of commencement of well July 5, 1962 Date of completion of well October 25, 1962.

THE HOLE FROM 700 WELL STAND OPEN

ATTACHMENT G-1

Well Driller

Wall Location _____

[illegible]

THE HOLE FROM 430 WELL STAND OPEN

ATTACHMENT G-2

WELL LOG

[illegible]

WELL DRILLER'S STATEMENT

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

Signed Leobard Milling - Fargo.

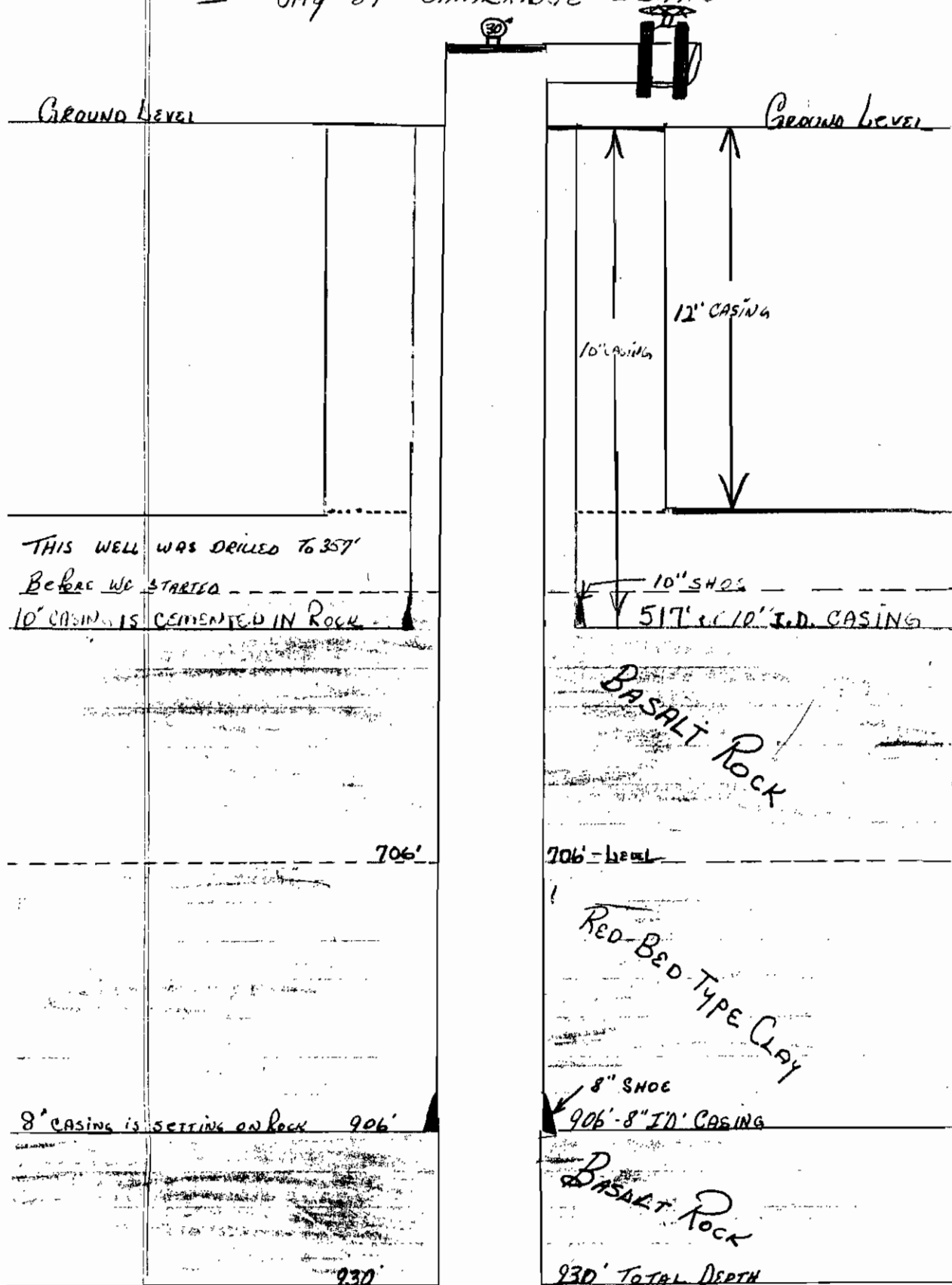
By Bellam. L. Lark

Dated Dec. 3, 1962

License No. 122

ATTACHMENT G - 3

- City of Cambridge ILLINOIS -



THIS WELL IS FLOWING 350 G.P.M. WITH 28" OF SHUT IN PRESSURE
 IF FOR ANY REASON THIS WELL SHOULD HAVE TO BE DEEPE
 THE HOLE FROM 930' WELL STAND OPEN

ATTACHMENT G-4