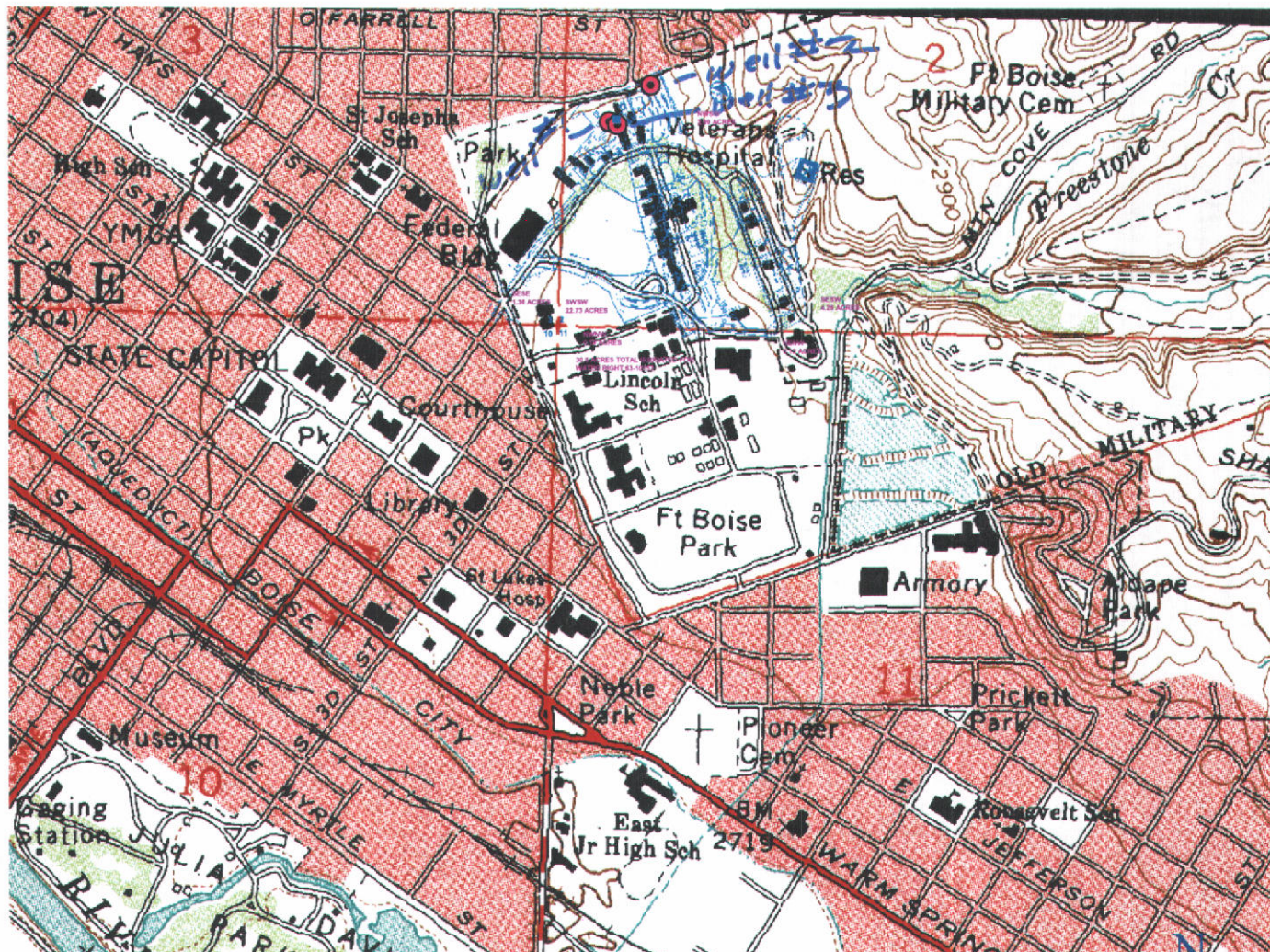
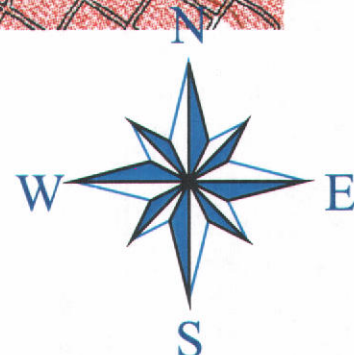


63-10153
 PLACE OF USE
 TOTAL OF 30.8 ACRES IRRIGATED
 VETERANS ADMINISTRATION HOSPITAL
 T3N R2E FORT BOISE MILITARY RESERVE



0.2 0 0.2 0.4 Miles

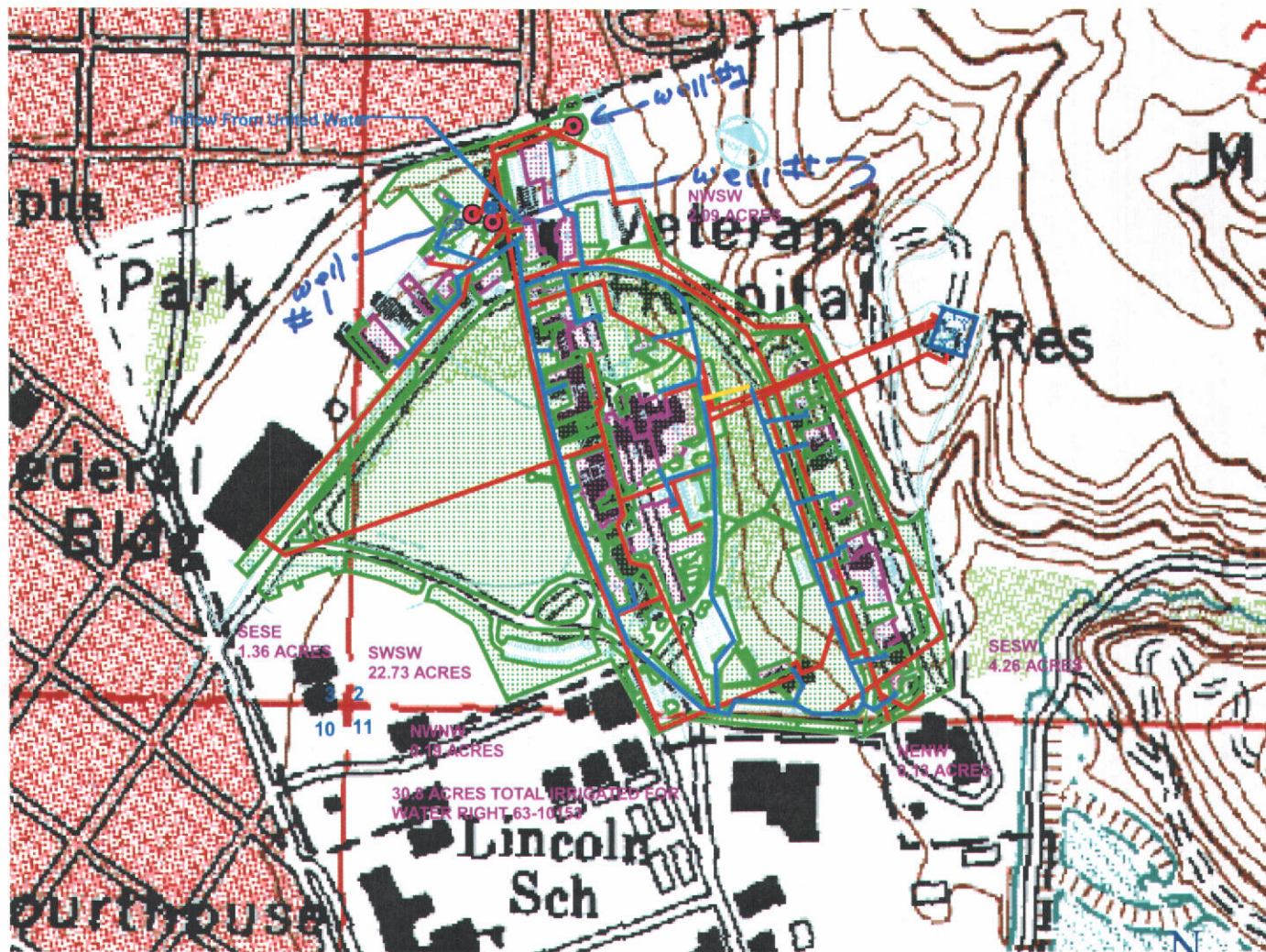


-  Storage Reservoirs
-  Irrigation and Fire Mainlines Used to Transport Non-Potable Water
-  Cold Water Wells Points of Diversion
-  Section Lines
-  1/4 1/4 Lines

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63-10153
 PLACE OF USE
 TOTAL OF 30.8 ACRES IRRIGATED
 VETERANS ADMINISTRATION HOSPITAL
 T3N R2E FORT BOISE MILITARY RESERVE



0.1 0 0.1 0.2 Miles



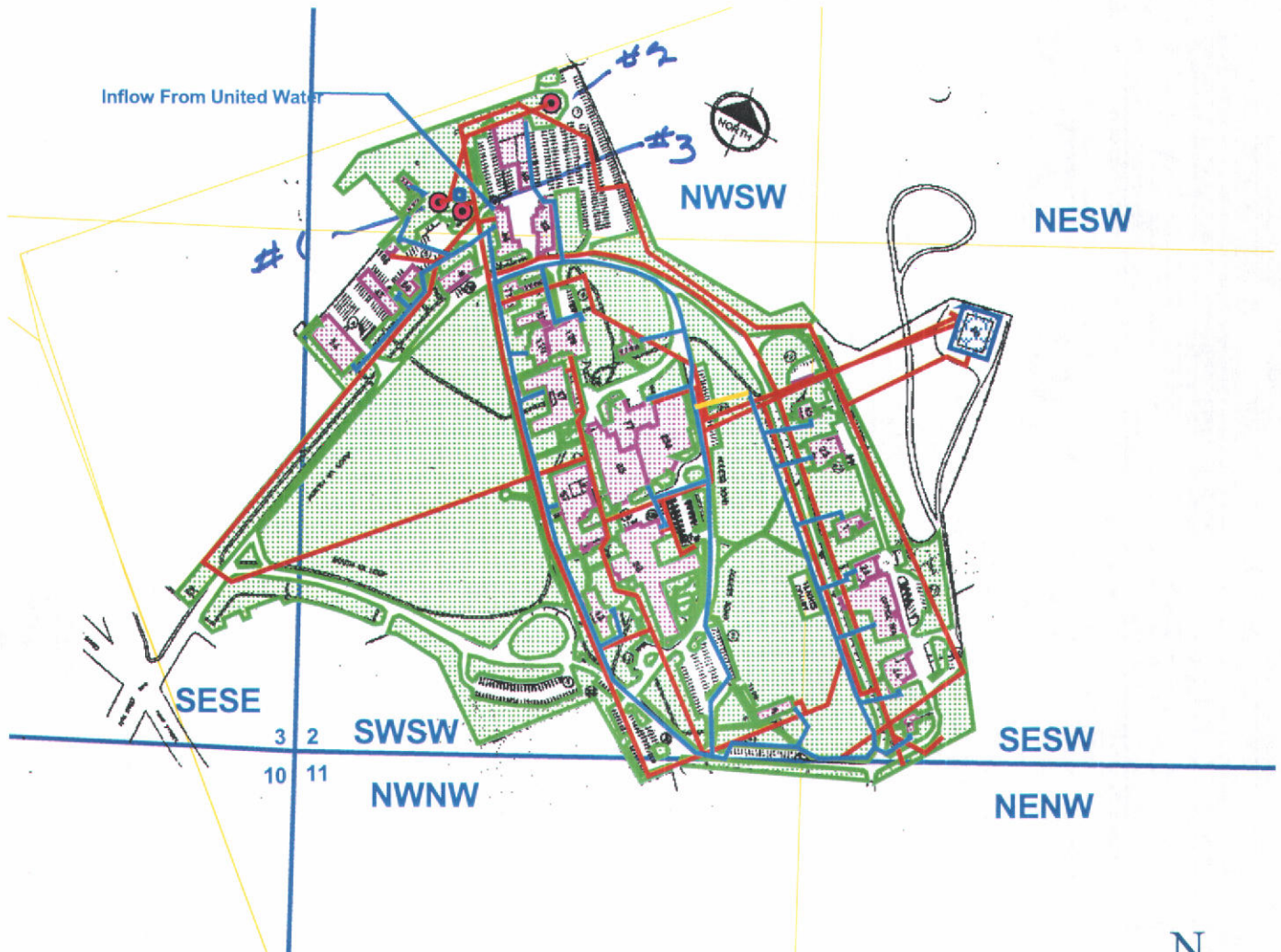
- Storage Reservoirs
- United Water Mainlines Used to Transport Potable Water
- Irrigation and Fire Mainlines Used to Transport Non-Potable Water
- Cold Water Wells Points of Diversion
- Lands Irrigated
- Buildings Using Potable Water
- Section Lines
- 1/4 1/4 Lines

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63-10153

DIAGRAM OF DELIVERY SYSTEM VETERANS ADMINISTRATION HOSPITAL T3N R2E FORT BOISE MILITARY RESERVE



0.1 0 0.1 0.2 Miles



-  Storage Reservoirs
-  United Water Mainlines Used to Transport Potable Water
-  Irrigation and Fire Mainlines Used to Transport Non-Potable Water
-  Cold Water Wells Points of Diversion
-  Lands Irrigated
-  Buildings Using Potable Water
-  Section Lines
-  1/4 1/4 Lines

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63-10153

DIAGRAM OF DELIVERY SYSTEM VETERANS ADMINISTRATION HOSPITAL T3N R2E FORT BOISE MILITARY RESERVE



0.1 0 0.1 0.2 Miles

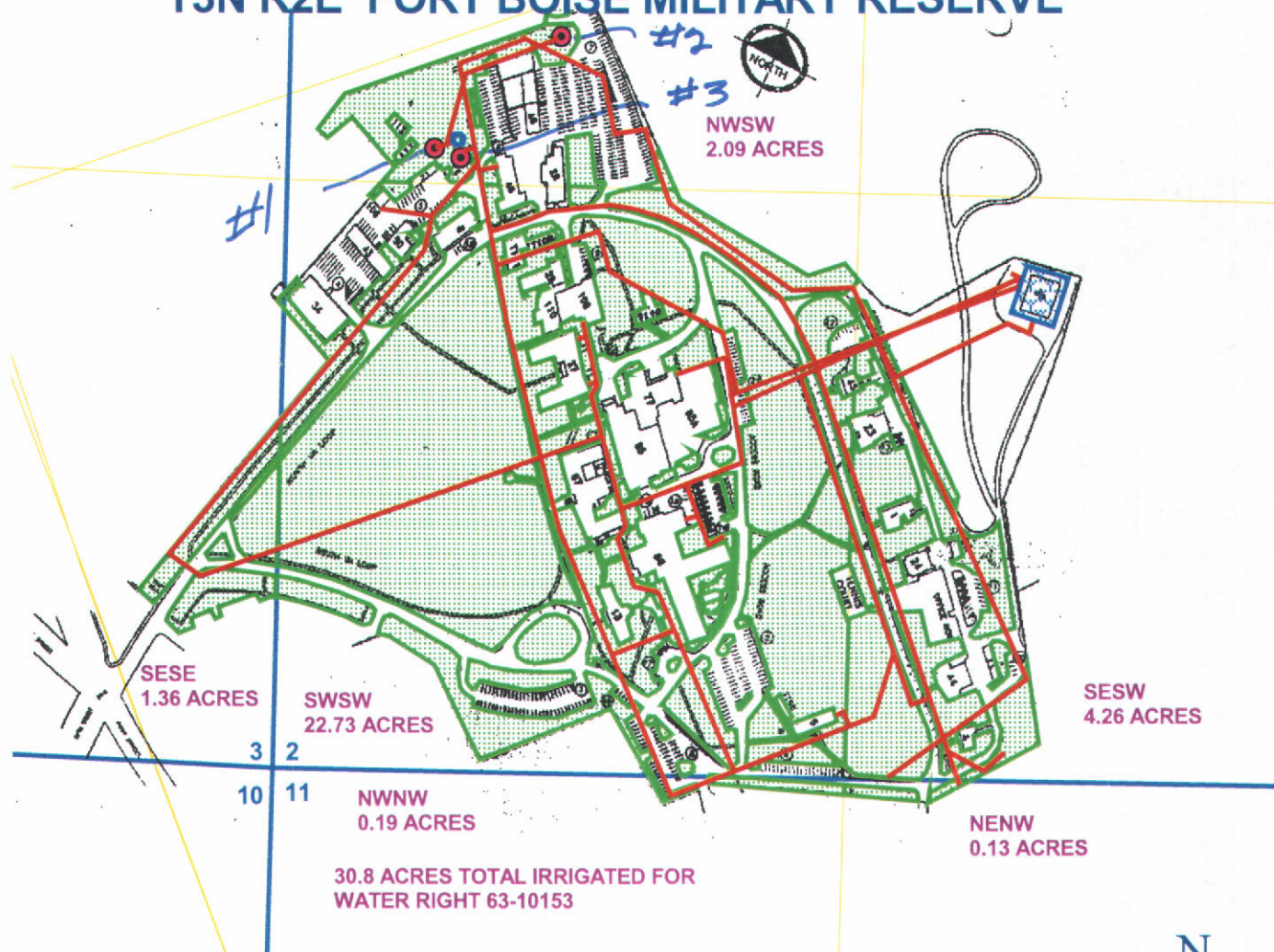


-  Storage Reservoirs
-  United Water Mainlines Used to Transport Potable Water
-  Irrigation and Fire Mainlines Used to Transport Non-Potable Water
-  Cold Water Wells Points of Diversion
-  Lands Irrigated
-  Buildings Using Potable Water
-  Section Lines
-  1/4 1/4 Lines

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63-10153
 DIAGRAM OF DELIVERY SYSTEM
 OF IRRIGATION SYSTEM
 TOTAL OF 30.8 ACRES IRRIGATED
 VETERANS ADMINISTRATION HOSPITAL
 T3N R2E FORT BOISE MILITARY RESERVE



- Storage Reservoirs
- United Water Mainlines Used to Transport Potable Water
- Irrigation and Fire Mainlines Used to Transport Non-Potable Water
- Cold Water Wells Points of Diversion
- Lands Irrigated
- Buildings Using Potable Water
- Section Lines
- 1/4 1/4 Lines

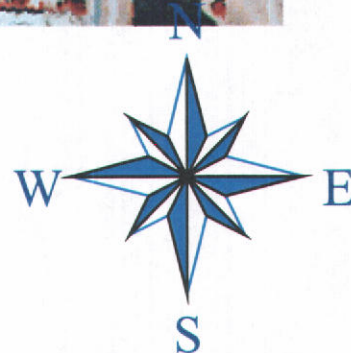
MICROFILMED

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63-10153
**DIAGRAM OF DELIVERY SYSTEM
 OF IRRIGATION SYSTEM
 TOTAL OF 30.8 ACRES IRRIGATED
 VETERANS ADMINISTRATION HOSPITAL
 T3N R2E FORT BOISE MILITARY RESERVE**



0.09 0 0.09 0.18 Miles



-  Storage Reservoirs
-  United Water Mainlines Used to Transport Potable Water
-  Irrigation and Fire Mainlines Used to Transport Non-Potable Water
-  Cold Water Wells Points of Diversion
-  Lands Irrigated
-  Buildings Using Potable Water
-  Section Lines
-  1/4 1/4 Lines

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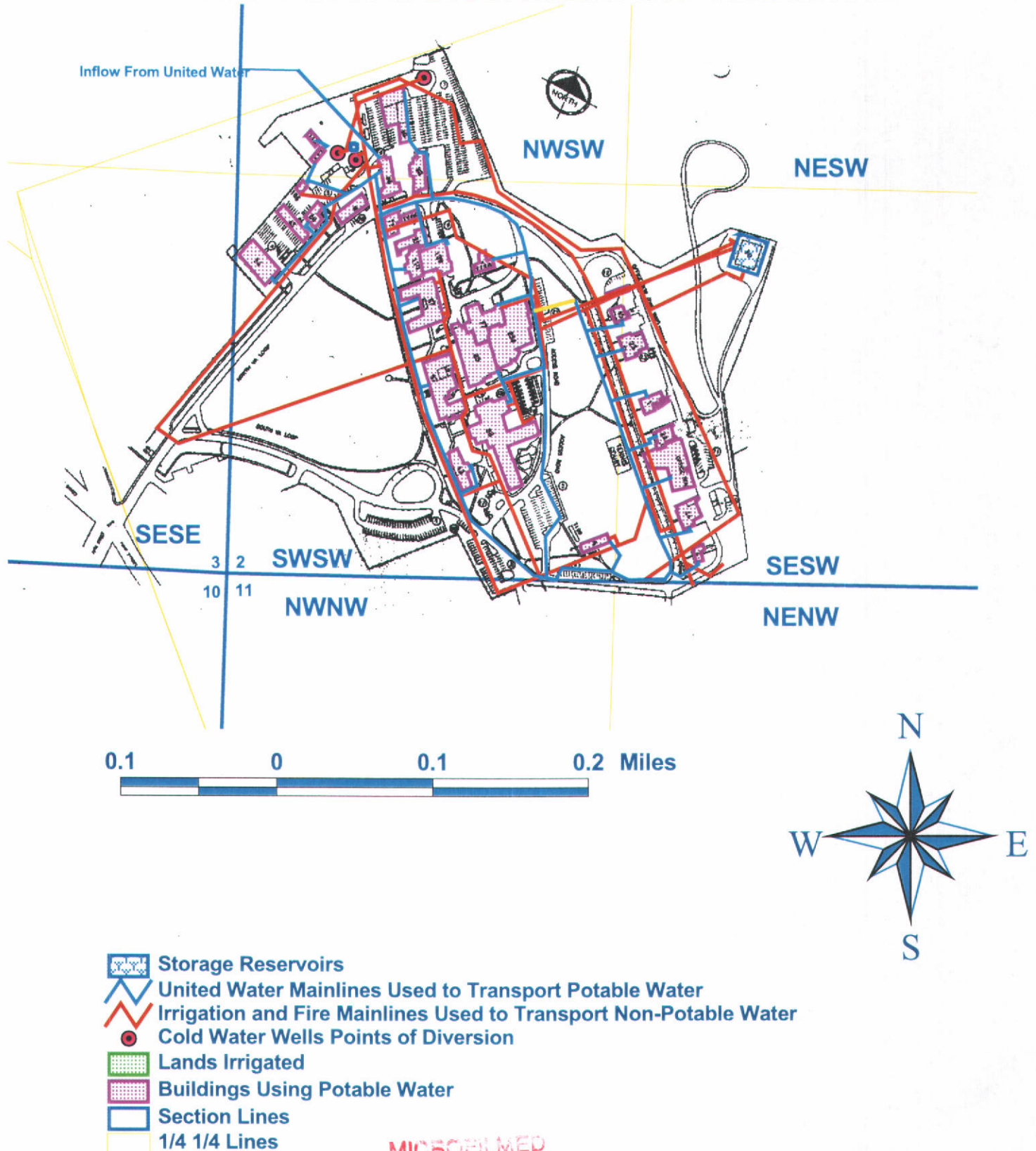
	Acres for all irrigation	Acres for SWSW	Acres for NWSW	Acres for SESW	Acres for NENW	Acres for NWNW	Acres for SESE
	2	0.066					
	0.054	0.142					
	0.519	0.005					
	0.492	1.994					
	0.369	0.239					
	8.37	0.025					
	0.425	0.046					
	0.249	0.086					
	0.036	0.409					
	0.895	0.857					
	0.007						
	0.038						
	0.36						
	0.056						
	1.813						
	0.066						
	0.168						
	0.142						
	0.041						
	0.065						
	0.005						
	0.361						
	1.994						
	1.359						
	0.239						
	0.017						
	0.025						
	0.483						
	0.046						
	0.005						
	0.086						
	0.09						
	0.409						
	0.063						
	0.152						
	0.093						
	0.857						
	0.001						
	TOTAL	SWSW S2	NWSW S2	SESW S2	NENW S11	NWNW S11	SESE S3
TOTALS	30.76	22.73	2.09	4.26	0.13	0.19	1.36

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63-10153

DIAGRAM OF DELIVERY SYSTEM OF POTABLE WATER FOR INDUSTRIAL USE VETERANS ADMINISTRATION HOSPITAL T3N R2E FORT BOISE MILITARY RESERVE

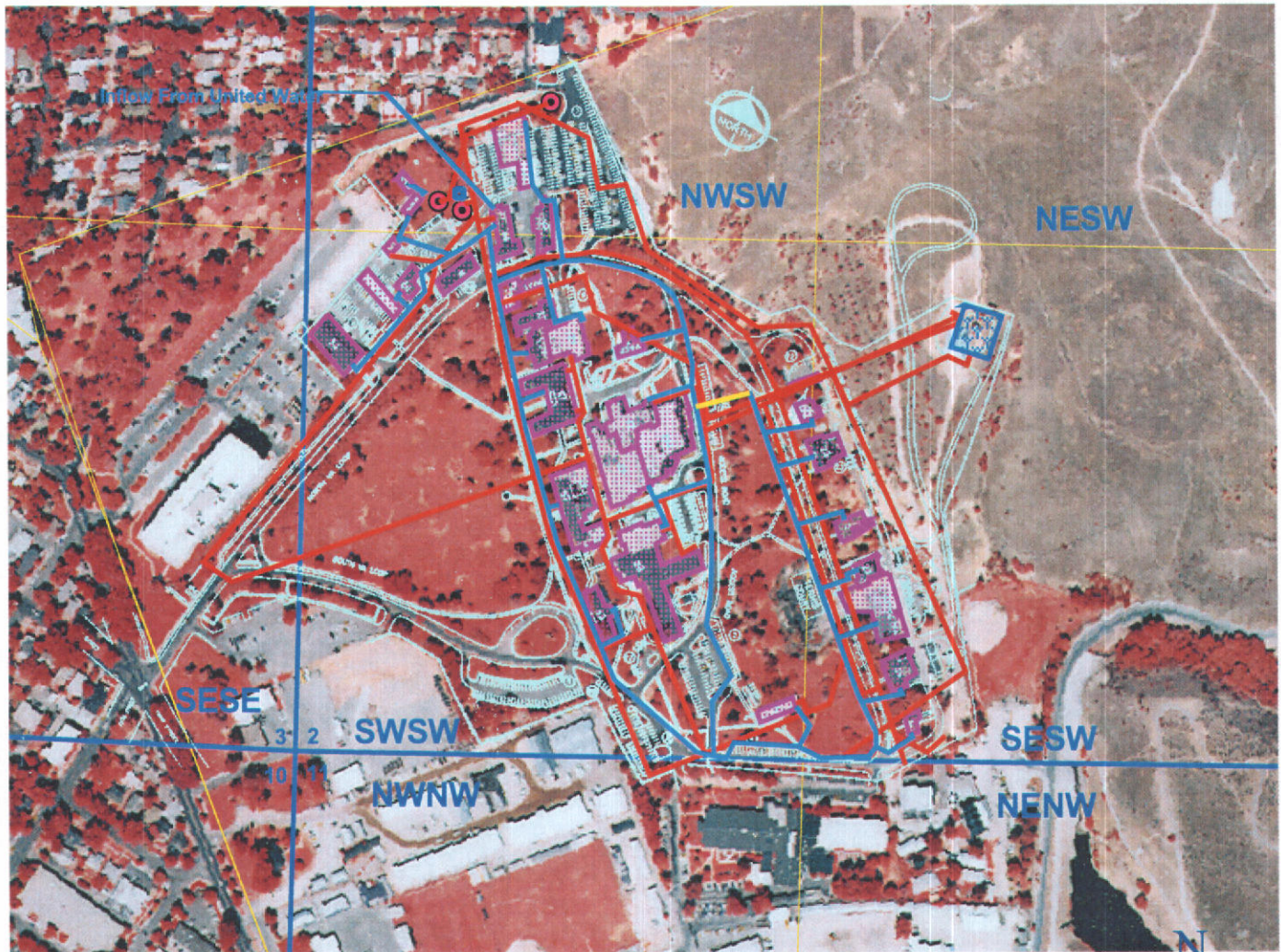


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63-10153

DIAGRAM OF DELIVERY SYSTEM OF POTABLE WATER FOR INDUSTRIAL USE VETERANS ADMINISTRATION HOSPITAL T3N R2E FORT BOISE MILITARY RESERVE



0.1 0 0.1 0.2 Miles

-  Storage Reservoirs
-  United Water Mainlines Used to Transport Potable Water
-  Irrigation and Fire Mainlines Used to Transport Non-Potable Water
-  Cold Water Wells Points of Diversion
-  Lands Irrigated
-  Buildings Using Potable Water
-  Section Lines
-  1/4 1/4 Lines

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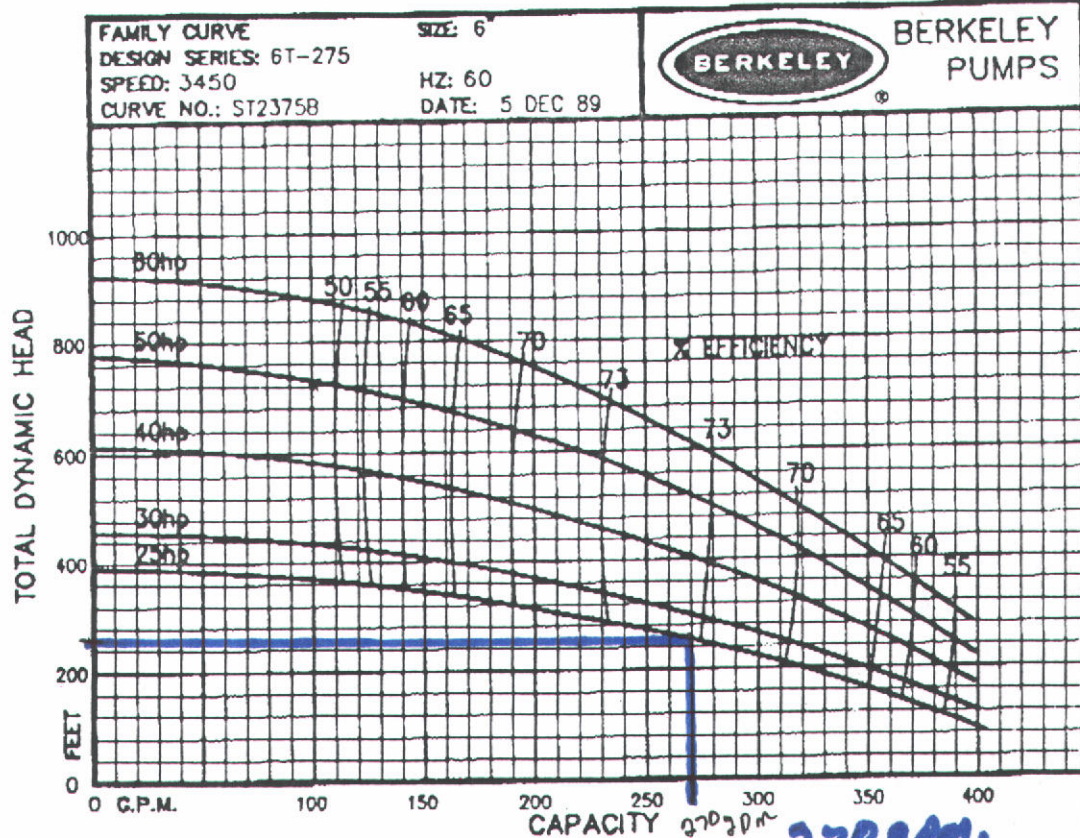
OVERLAP REVIEW OF COLD WATER USE FOR VETERANS ADMINISTRATION HOSPITAL

WATER RIGHT	BASIS	USE	RATE
63-10153	PERMIT	IRRIGATION	0.60 CFS
		INDUSTRIAL	0.10 CFS
		IRRIGATION STORAGE	1.40 CFS
		IRRIGATION FROM STORAGE	1.40 CFS
63-5221	STATUTORY CLAIM	DOMESTIC	0.10 CFS
		INDUSTRIAL	0.10 CFS
		IRRIGATION	0.60 CFS
63-5220	STATUTORY CLAIM	INDUSTRIAL	0.10 CFS
		IRRIGATION	0.60 CFS
		DOMESTIC	0.10 CFS
63-29714	RESERVED RIGHT	IRRIGATION	0.84 CFS
		DOMESTIC	1.39 CFS
		INDUSTRIAL	1.39 CFS
		COMMERCIAL	1.39 CFS

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Submersible Turbine Model 6T-275



Specifications

CURVE No. ST23758

LIQUID END WEIGHTS

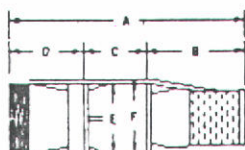
DESCRIPTION	WEIGHT LBS.	HP RATING	MOTOR FLANGE
ONE STAGE L.E.	55.8	25-80	6"
ONE STAGE L.E.			
ONE STAGE L.E.			
EACH ADDED STAGE	19.4	ALL	ALL

IMPELLER DATA

TYPE: ENCLOSED EYE AREA 5.76 Sq. In.
 THRUST CONSTANT K 1.83 Lbs./Ft of HEAD.

HP	IMPELLER No.	STAGES	IMPELLER Dia.
60	S39553	14	4.47" Ø 32" (3.81")
50	S39552	12	4.44" Ø 32" (3.78")
40	S39551	10	4.41" Ø 30" (3.75")
30	S39553	7	4.47" Ø 32" (3.81")
25	S39552	6	4.44" Ø 32" (3.78")

OUTLINE DIMENSIONS



- A- ONE STAGE LIQUID END LENGTH
 B- SUCTION CONNECTION LENGTH
 C- STAGE LENGTH
 D- DISCHARGE CONNECTION LENGTH
 E- BOWL DIAMETER
 F- DIAMETER ACROSS LEAD GUARD

BOWL DATA

BOWL No. M04461 PUMP SHAFT Dia. 1"
 TYPE: THREADED DISCHARGE SIZE 3" NPT (Fends) 4" NPT (uds)

NOTE: For each additional stage add 'C'

A	B	C	D	E	F	HP RATING	MOTOR FLANGE
19.63	11.00	5.00	3.63	5.38	5.81	25-60	6"

REVISED 15 May 80

MICROFILMED

© 1990, Berkeley Pumps

NOV 26 2003

46 6213

K-E SEMI-LOGARITHMIC 5 CYCLES X 70 DIVISIONS
KEUFFEL & ESSER CO. MADE IN U.S.A.

$$\Delta S = 7.9'$$

$$Q = 376 \text{ gpm} = 50.24 \text{ ft}^3/\text{min}$$

$$T = 2.303 Q / 4\pi T \Delta S$$

$$2.303(50.24) / (4\pi(7.9))$$

$$= 6.17 \text{ ft}^2/\text{min}$$

$$= 13,000 \text{ gpd/ft}$$

$$m = 34'$$

$$K = 0.03 \text{ ft/min} = 50' \text{ day} = 12337 \text{ ft/yr}$$

$$\Delta S = 21.7 - 5.8 / 2 = 15.9 / 2 = 7.9'$$

first 5 min data
probably no good

Tested 1/22/81

Pump 375 gpm
for 3 1/2 hrs.

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1974 well
VAS NO. 1

PUMP TEST

Recovery

1st. A.L.

Well # 1

7/5-1/81

t/t₁ (time -)

46 6213

1
9
8
7
6
5
4
3
2
1000
9
8
7
6
5
4
3
2
100
9
8
7
6
5
4
3
2
10
9
8
7
6
5
4
3
2
1
0.1
20 40 60 80 100

Use $T = 14,250 \text{ gpd/ft}$
 $S = 3.1 \times 10^{-4}$

$\Delta S =$
 $14.2 - 50/3$
 $= 22/3$
 $= 7.3'$

$\Delta S =$
 $110.2 - 38.2/3$
 $= 212/3$
 $= 7.3$

$Q = 537$

$T = 21,300$

$\Delta S = 110.2 - 53.5/3$
 $= 34.2/3$
 $= 11.6'$

$T = 13,400$

$\Delta S = 7.0'$
 $Q = 400 \text{ gpm}$

$T = 264 Q / \Delta S$

$T = 15,100 \text{ gpd/ft}$

$C_0 = 0.000000017$
 $= 1.7 \times 10^{-8}$

$S = 0.5 \times 10^{-4}$

$S = 3.1 \times 10^{-4}$

Test run by
Anderson-Kelly 8/74

VA Well 3 (New #1)
From Test Data of
8/28/74

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SEMI-LOGARITHMIC 5 CYCLES X 70 DIVISIONS
 KLUFFEL & ESSER CO. MADE IN U.S.A.

46 6213

100

TIME PUMPED (min)

$Q = 207 \text{ gpm} = 27.7 \text{ ft}^3/\text{min.}$
 $AS = 1.5'$
 $T = 2.303 Q / 4\pi AS$
 $T = 2.32 \text{ ft}^2/\text{min}$
 $= 36500 \text{ gpd}/\text{in}^2$

$b = 4 \times 10^4 \text{ in}$

Pumping later
 on 8/25/81
 after pumping
 26 hours was
 98.3', 22.7' drawdown

possible boundary condition

SEMI-LOG PLOT
 TIME - DRAWDOWN
 WELL NO. 2

Drawdown
 Well #2
 8/2/81

DRAWDOWN (ft)

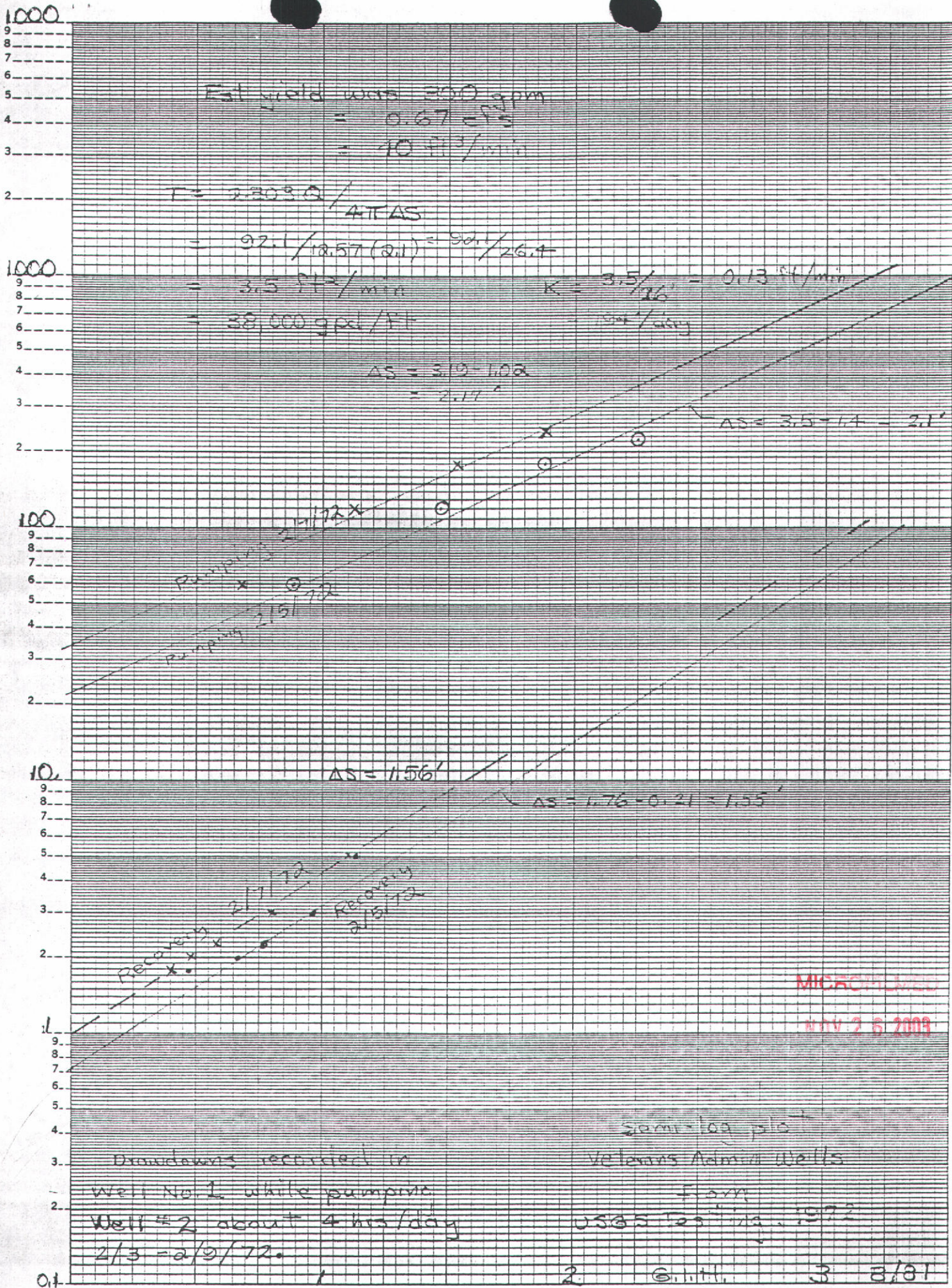
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NOV 26 2002

46 6213

SEMI-LOGARITHMIC CYCLES X / O DIVISIONS
KEUFFEL & ESSER CO. MADE IN U.S.A.

K-E





PHOTOGRAPHER AND DATE OF PHOTOS DAN WILSON 8-9-2001

FILE NO. 63-10153



This is a photo of the inside of Building 2. Water comes in from 40,000 gallon aeration pump and is pumped to the 450,000 gallon Reservoir.

The Booster pumps are 20HP General Electric Motors. with Johnson pumps.

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PHOTOGRAPHER AND DATE OF PHOTOS DAN Nelson 8-9-2001

FILE NO. 63-10153



← This is a
photo of
well #2.

IT is located
in Building
72 on map.



This is
where United
Water enters
into Building
46.

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PHOTOGRAPHER AND DATE OF PHOTOS

DAN Nelson

8-9-2001

FILE NO. AND LEGAL DESCR.

63-10153

Microfilm

NOV 26 2003



Hospital Grounds



450,000
Gallon
Storage
Reservoir

↑
This a photo of the
Hospital grounds on
The Hill by Storage Tank.

← 450,000 Storage Tank or
Reservoir.



PHOTOGRAPHER AND DATE OF PHOTOS

DAN Nelson

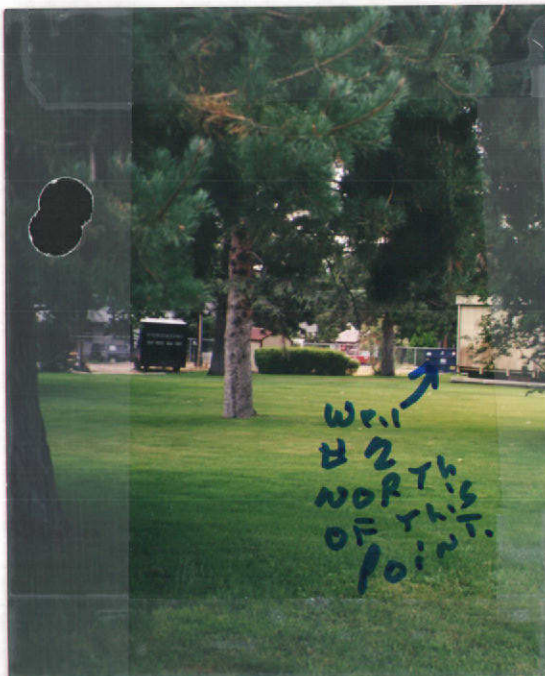
8-9-2001

FILE NO. AND LEGAL DESCR.

63-10153

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These are photos of
Well #1 and its relationship
to the Aeration Tank,
Building #2, and
the Geothermal Injection
well.





PHOTOGRAPHER AND DATE OF PHOTOS Cindy Hodges 5-30-1986

FILE NO. 63-10153



- well #1
Before submersible
pump was
installed.



450,000 gallon
Storage Tank

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Buildings using
Potable Water.

IRRIGATED
ACRES.



IN
FROM
UNITED WATER

MAIN LINES FOR FIRE & IRRIGATION.

COLD WATER WELLS.

MAIN LINES IN FROM
UNITED WATER FOR POTABLE WATER.

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State of Idaho
Department of Water Resources
Water Right License

WATER RIGHT NO. 63-10153

Priority: June 23, 1983

Maximum Diversion Rate: 0.70 CFS
Maximum Diversion Volume: 141.0 AF

It is hereby certified that VETERANS ADMINISTRATION MEDICAL CENTER
500 W FORT ST
BOISE ID 83702-4598 has complied with the terms and
conditions of the permit, issued pursuant to Application for Permit dated June 23, 1983; and has
submitted Proof of Beneficial Use on November 16, 1983. An examination indicates that the works have
a diversion capacity of 1.6 cfs of water from:

SOURCE

GROUND WATER

and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL DIVERSION VOLUME</u>
IRRIGATION	03/01 to 11/15	0.60 CFS	139.0 AF
INDUSTRIAL	01/01 to 12/31	0.10 CFS	0.6 AF
IRRIGATION STORAGE	01/01 to 12/31		1.4 AF
IRRIGATION FROM STORAGE	03/15 to 10/15		1.4 AF
DIVERSION TO STORAGE	01/01 to 12/31	0.70 CFS	

LOCATION OF POINTS OF DIVERSION:

GROUND WATER	NW¼SW¼	Sec. 2, Twp 03N, Rge 02E, B.M., ADA County
GROUND WATER	NW¼SW¼	Sec. 2, Twp 03N, Rge 02E, B.M., ADA County
GROUND WATER	NW¼SW¼	Sec. 2, Twp 03N, Rge 02E, B.M., ADA County

PLACE OF USE: IRRIGATION

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
03N 02E 2									2.1	22.7	4.3						29.1
03N 02E 3																1.4	1.4
03N 02E 11					.1	.2											.3

Total Acres: 30.8

PLACE OF USE: IRRIGATION FROM STORAGE – Same as Irrigation

PLACE OF USE: INDUSTRIAL

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
03N 02E 2									X	X	X						

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State of Idaho
Department of Water Resources
Water Right License

WATER RIGHT NO. 63-10153

PLACE OF USE: IRRIGATION STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
03N 02E 2	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
										X		X					

CONDITIONS OF APPROVAL

1. Industrial use is for potable water for a hospital.
2. Some of the water use authorized by this right is claimed with an earlier priority date on Snake River Basin Adjudication Claims Nos. 63-29714 and 63-29765. If these claims are decreed as they are claimed, this right shall be diminished by the amount necessary to avoid any redundancy of water rights.
3. This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.5 afa per acre at the field headgate for irrigation of the lands above.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code. The water right confirmed by this license is subject to all prior water rights and shall be used in accordance with Idaho law and applicable rules of the Department of Water Resources.

Signed and sealed this 8th day of August, 2003.


for **KARL J. DREHER**
Director

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NOV 25 2003

RECEIVED

AUG - 7 2003

State of Idaho
Department of Water Resources
APPLICATION FOR AMENDMENT

Department of Water Resources

(For Licensing Purposes)

WATER RIGHT NO. 63-10153

Date of Priority: June 23, 1983

Maximum Diversion Rate: 0.70 CFS

Maximum Diversion Volume: 141.0 AF

Comes now VETERANS ADMINISTRATION MEDICAL CENTER
500 W FORT ST
BOISE ID 83702-4598

and represents to the Director of the Idaho Department of Water Resources that he is the owner and holder of Permit to Appropriate the Public Waters of the State of Idaho No. 63-10153, and requests that the permit be changed as follows:

Source: GROUND WATER

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	03/01 to 11/15	0.60 CFS	139.0 AF
INDUSTRIAL	01/01 to 12/31	0.10 CFS	0.6 AF
IRRIGATION STORAGE	01/01 to 12/31		1.4 AF
IRRIGATION FROM STORAGE	03/15 to 10/15		1.4 AF
DIVERSION TO STORAGE	01/01 to 12/31	0.70 CFS	

LOCATION OF POINTS OF DIVERSION:

GROUND WATER NW¼SW¼ Sec. 2, Twp 03N, Rge 02E, B.M., ADA County Well #1, Grounds
GROUND WATER NW¼SW¼ Sec. 2, Twp 03N, Rge 02E, B.M., ADA County Well #2, Bldg. 72
GROUND WATER NW¼SW¼ Sec. 2, Twp 03N, Rge 02E, B.M., ADA County Well #3, Bldg. 2

PLACE OF USE: IRRIGATION

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
03N 02E 2									2.1	22.7	4.3						29.1
03N 02E 3															1.4		1.4
03N 02E 11					.1	.2											.3

Total Acres: 30.8

PLACE OF USE: IRRIGATION FROM STORAGE – Same as Irrigation

PLACE OF USE: INDUSTRIAL

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
03N 02E 2									X	X	X						

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NOV 26 2003

State of Idaho
Department of Water Resources
APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 63-10153

PLACE OF USE: IRRIGATION STORAGE

Twp	Rge	Sec	NE				NW				SW				SE				Totals	
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE		
03N	02E	2																		

Total Acres: 33

Permit holder asserts that no one will be injured by such change and that such change will be made at permit holder's own risk. Signed this 6th day of August, 2003.

Douglas W. Lamb
(Signature & Title)
Assistant Chief FMS

Preliminary check by W ~~#~~ FOR DEPARTMENT USE ONLY Fee = 50.00 Received by JAL # C070358 Date 8/7/03

ACTION OF THE DEPARTMENT OF WATER RESOURCES

I, Karl J. Dreher, of the Department of Water Resources hereby approve the above Application for Amendment for Permit No. 63-10153 with the following:

CONDITIONS OF APPROVAL

1. Industrial use is for potable water for a hospital.
2. Some of the water use authorized by this right is claimed with an earlier priority date on Snake River Basin Adjudication Claims Nos. 63-29714 and 63-29765. If these claims are decreed as they are claimed, this right shall be diminished by the amount necessary to avoid any redundancy of water rights.
3. This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.5 afa per acre at the field headgate for irrigation of the lands above.

Witness my hand this 8th day of August, 2003.

Karl J. Dreher
for **KARL J. DREHER**
Director

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NOV 26 2003

DEPARTMENT OF WATER RESOURCES

The Idaho Department of Water Resources will consider this card as a statement that the permit holder(s) has completed development to the extent shown below of Permit No. 63-10153

Name(s) of Permit Holder: Veterans Administration Medical Center

Post Office Address: 5th + Fort St.

Boise, ID 83702 Tel. No. 338-7270

Source of Water: Ground Water

Extent of Use:

☐ Domestic	(number of households)
☐ Stockwater	(number and type of stock)
☒ Irrigation <u>32</u>	(acres)
☐ Other <u>Industrial (Hospital)</u>	

Measuring Device: Required? ☐ Yes ☒ No Installed? ☐ Yes ☒ No

Access Port: Required? ☐ Yes ☒ No Installed? ☐ Yes ☒ No

The above information is a true statement of the extent to which the above numbered permit has been developed.

11/14/83
Date

James Holland
for VA Medical Center
Signature of Permit Holder

PLACE
13 CENT
STAMP
HERE

RECEIVED

NOV 16 1983

DEPARTMENT OF WATER RESOURCES



IDAHO DEPARTMENT OF WATER RESOURCES
STATEHOUSE
BOISE, IDAHO 83720

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 Veterans Administration Medical Center Phone 336-5100 ext. 209
ATTN: ENGINEERING SERVICE
Post office address 5th & Fort Streets Boise, Idaho 83702

2. Source of water supply Ground Water which is a tributary of _____

3. Location of point of diversion is SW $\frac{1}{4}$ of SW $\frac{1}{4}$ of Section 2 Township 3N
Range 2E B.M. ADA County, additional points of diversion if any: _____

4. Water will be used for the following purposes:

Amount .1cfs for Industrial purposes from Jan 1 to Dec 31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount .6cfs for Irrigation purposes from Mar 15 to Oct 15 (both dates inclusive)
(cfs or acre-feet per annum)

Amount 1.4 AF for STORAGE FOR IRRIGATION purposes from 1/1 to 12/31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount 1.4 AF for FROM STORAGE purposes from 3/15 to 10/15 (both dates inclusive)
(cfs or acre-feet per annum)

5. Total quantity to be appropriated:

a. .7 cubic feet per second and/or b. 1.4 AF acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. 40 hp motor, 6" pipe approximately 60 feet, to 30,000 gal Aeration tank, 6" pipe to 2-booster pumps 300GPM each, 8" line 1,600 feet to Reservoir.

b. Height of storage dam _____ feet, active reservoir capacity 1.4 acre-feet; total reservoir capacity 1.4 acre-feet, materials used in storage dam: _____

Period of year when water will be diverted to storage Jan 1 to Dec. 31 inclusive.
(Month/Day) (Month/Day)

c. Proposed well diameter is 12 inches; proposed depth of well is 474 feet.

7. Time required for the completion of the works and application of the water to the proposed beneficial use is 1 years (minimum 1 year - maximum 5 years).

8. Description of proposed uses:

a. If water is not for irrigation:

(1) Give the place of use of water: SW $\frac{1}{4}$ of SW $\frac{1}{4}$ of Section 2 Township 3N
Range 2E 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 _____, or number of families to be supplied with domestic water _____.

(5) If water is to be used for other purposes describe: Hospital - Used for food preparation, steam for heat, cleaning and sanitary purposes. Also provides water for fire hydrants and automatic fire sprinklers in the buildings, along with irrigating approximately 32 acres of ground.

b. If water is for irrigation, indicate acreage in each subdivision in the tabulation below:

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
3N	2E	2										2A	25A	3A					30
3N	2E	3																1A	1
3N	2E	11					½a	½a											1

Total number of acres to be irrigated 32

c. Describe any other water rights used for the same purposes as described above. Well #1

USGS No. 3N/2E-2Cbc1, Established 1931 - Well #2

USGS No. 3N/2E=2cbc2, Established 12/1940

9. a. Who owns the property at the point of diversion US Government, VAMC

b. Who owns the land to be irrigated or place of use US Government, VAMC

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing

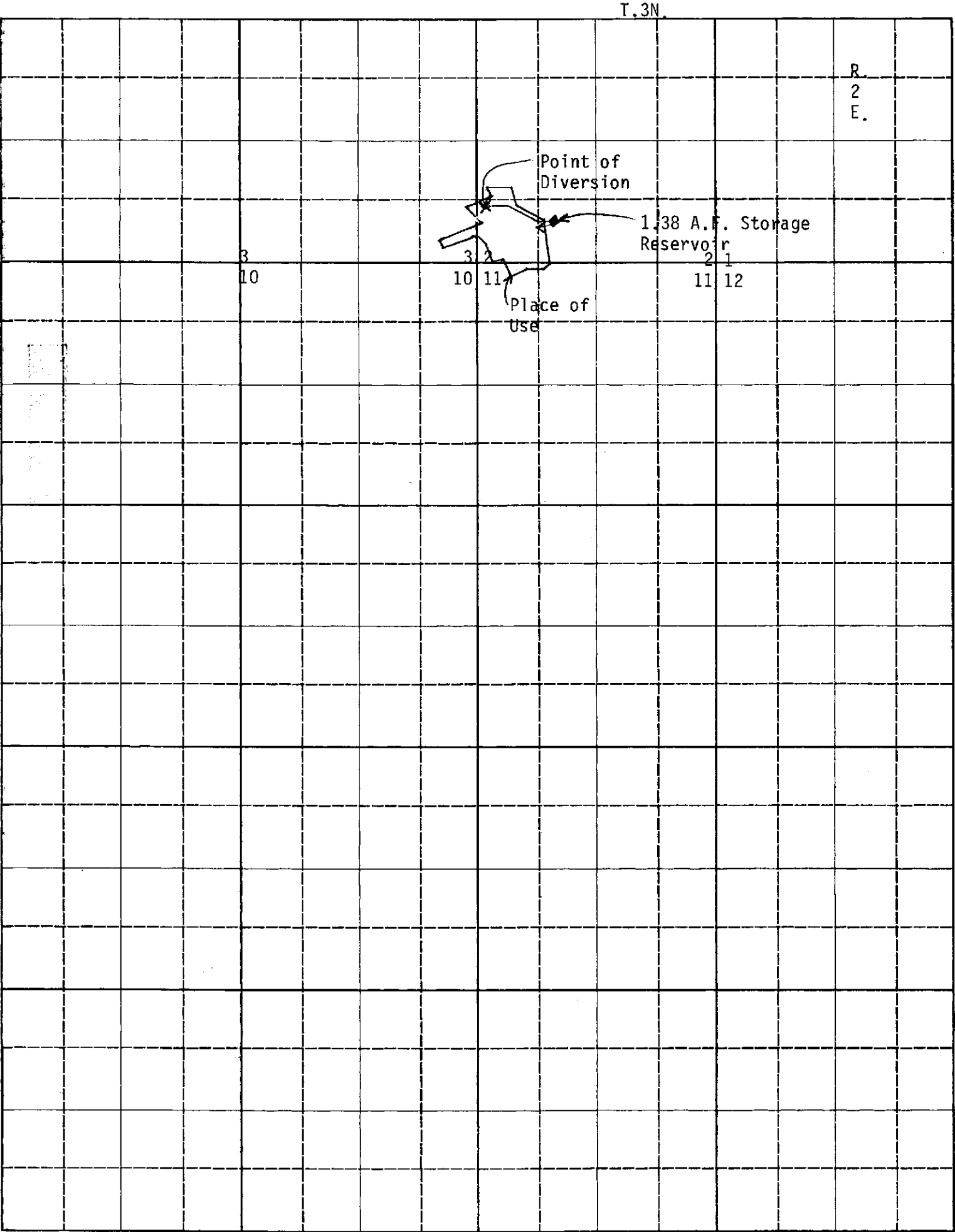
10. Remarks This well is plumbed into the existing system. It helps to reduce the water storage problem from the reduced output from Well #1.

Well #3 (New #1) USGS No. 3N/2E-2cbc3

Location 1,275' North, 250' east of SW corner Section #2

Drilled September 1974, Russel Cowe, 474'

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



Scale: 2 inches equal 1 mile.

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.

J. Holland
for *Veterans Administration*
Medical Center (Applicant)

Proposed Priority 6/23/83

Received by jc Date 6/23/83 Time 9:00 AM
Preliminary check by jc Fee \$ 45.00
Receipted by jc Date 6/23/83 # 31124
Publication prepared by JP Date 8/25/83
Published in Id Statesman
Publication dates 9/1 & 9/8/83
Publication approved KB Date 9/13/83
Protests filed by: 7/18/83 none

Copies of protests forwarded by _____
Hearing held by _____ Date _____
Recommended for approval denial by DBS 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. 63-10153, 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 November 1, 19 84.
- 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:

Witness my hand this 17th day of October, 1983.

L. Glen Saxton
Chief, Operations Bureau

**NOTICE OF APPLICATION
FOR WATER RIGHT**

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

63-10147

ANDERSON, CLAYTON B. &/or
SANDRA K.
6880 S. CLOVERDALE
BOISE, ID 83709
Source: GROUNDWATER
Date Filed: 06/30/1983
Diversion Point: SWNW Sec 03 T 02N
R 01E
Use: IRRIGATION (0.06 CFS)
STOCKWATER (0.01 CFS)
DOMESTIC (0.04 CFS)
In: SWNW Sec 03 T 02N R 01E FOR 3
ACRES

63-10150

BARBER WATER CORP.
3550 TRIPLETT LN., BOISE, ID 83706
Source: GROUNDWATER
Date Filed: 07/01/1983
Diversion Point: SENE Sec 29 T 03N
R 03E NWNW Sec 28 T 03N R
03E
Use: IRRIGATION (0.15 CFS)
DOMESTIC (0.50 CFS)
In: NENE SENE Sec 29 T 03N R 03E
FOR 4 ACRES

63-10153

VETERANS ADMINISTRATION
MEDICAL CENTER
C/O ENGINEERING SERVICE
5TH & FORT STS., BOISE, ID 83702
Source: GROUNDWATER
Date Filed: 06/23/1983

Diversion Point: SWSW Sec 02 T 03N
R 02E

Use: IRRIGATION (0.60 CFS)
IRRIGATION STORAGE (1.4
AF)
IRRIGATION FROM STORAGE
(1.4 AF)
INDUSTRIAL (0.10 CFS)
In: NWSW SWSW SESE Sec 02 T 03N
R 02E SESE Sec 03 T 03N R 02E
NENW NWNW Sec 11 T 03N R
02E FOR 33 ACRES

63-10159

MEYER, JR., WALTER H.
RT. 1, SKYLINE DR.
EAGLE, ID 83616
Source: GROUNDWATER
Date Filed: 06/17/1983
Diversion Point: SWSE Sec 30 T 05N
R 01E
Use: IRRIGATION (0.06 CFS)
STOCKWATER (0.02 CFS)
DOMESTIC (0.04 CFS)
In: SWSE Sec 30 T 05N R 01E FOR 2
ACRES

63-10162

EL DORODA CONDO HOMEOWNER
ASSN.
P.O. BOX 8383, BOISE, ID 83707
Source: GROUNDWATER
Date Filed: 07/01/1983
Diversion Point: SENW Sec 07 T 03N
R 02E
Use: IRRIGATION (0.14 CFS)
RECREATION (0.21 CFS)
In: SWNW SENW Sec 07 T 03N R 02E
FOR 8 ACRES

63-10163

DONNELLY, III, PATRICK F.

DONNELLY, EILEEN N.
RT. 1, 115 D BLESSENGER LN.,
STAR, ID 83669

Source: GROUNDWATER
Date Filed: 06/29/1983
Diversion Point: SESE Sec 05 T 04N R
02E
Use: IRRIGATION (0.15 CFS)
STOCKWATER (0.05 CFS)
DOMESTIC (0.04 CFS)
RECREATION STORAGE (0.5
AF)
DIVERSION TO STORAGE (0.15
CFS)
In: SESE Sec 05 T 04N R 02E FOR 5
ACRES

63-10165

CHURCH OF JESUS CHRIST OF
LATTER DAY SAINTS
WEST STAKE, 3700 S. MAPLE
GROVE, BOISE, ID 83709
Source: GROUNDWATER
Date Filed: 06/27/1983
Diversion Point: SESE Sec 13 T 03N R
01E
Use: IRRIGATION (0.02 CFS)
DOMESTIC (0.07 CFS)
In: SESE Sec 13 T 03N R 01E FOR 1
ACRES

The permit(s) will be subject to all
prior water rights. Protests must be
filed with the Director, Department of
Water Resources, Western Region,
Statehouse, Boise, Idaho 83720 on or
before SEPTEMBER 19, 1983.

A. KENNETH DUNN
Director
Pub. Sept. 1, 8, 1983

2288

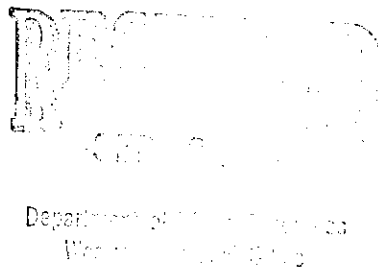
STATE OF IDAHO)
) ss.
COUNTY OF ADA)

Verna L. Johnson, being duly
sworn, deposes and says: That she is the Principal
Clerk of The Idaho Statesman, a daily newspaper
printed and published at Boise, Ada County, State
of Idaho, and having a general circulation therein
and which said newspaper has been continuously and
uninterruptedly published in said County during a
period of twelve consecutive months prior to the
first publication of the notice, a copy of which
is attached hereto; that said notice was published
in the regular edition of The Idaho Statesman for

two insertions, beginning with the
issue of September 1, 1983, and ending with the
issue of September 8, 1983.

Verna L. Johnson
Subscribed and sworn to before me this 8th
day of September, 1983.

Janice M. Gardner
Notary Public for Idaho, Residing at Boise, Idaho





State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Boise, ID 83706 - P.O. Box 83720, Boise, ID 83720-0098
Phone: (208) 327-7900 Fax: (208) 327-7866 Web Site: www.idwr.state.id.us

DIRK KEMPTHORNE
Governor

KARL J. DREHER
Director

August 8, 2003

VETERANS ADMINISTRATION MEDICAL CENTER
500 W FORT ST
BOISE ID 83702-4598

RE: License No. 63-10153 - Issuance of License

Dear Water Right Holder(s):

The Department of Water Resources has issued the enclosed Water Right License confirming that a water right has been established in accordance with your permit. Please be sure to thoroughly review the conditions of approval and remarks listed on your license.

The license is a PRELIMINARY ORDER issued by the Department pursuant to section 67-5243, Idaho Code. It can and will become a final order without further action by the Department unless a party petitions for reconsideration or files an exception and/or brief within fourteen (14) days of the service date as described in the enclosed information sheet.

Enclosed is a copy of the approved Application for Amendment.

Please note that water right owners are required to report any change of water right ownership and/or mailing address to the Department within 120 days of the change. Failure to report these changes could result in a \$100 late filing fee. Contact any office of the Department or visit the Department's homepage on the Internet to obtain the proper forms and instructions.

If you have any questions, please contact me at 208-327-7946.

Sincerely,

Shelley W. Keen

Water Rights Supervisor

SWK:klt

Enclosure(s)

MICROFILMED
NOV 26 2003

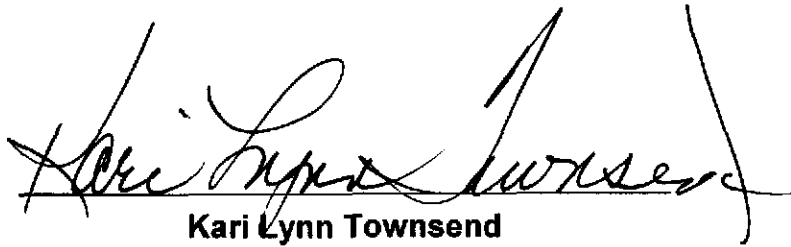
CERTIFICATE OF SERVICE

I hereby certify that on August 8, 2003 I mailed a true and correct copy, postage prepaid, of the foregoing PRELIMINARY ORDER(Approved License) to the person(s) listed below:

RE: WATER RIGHT NO.

63-10153

**VETERANS ADMINISTRATION MEDICAL CENTER
500 W FORT ST
BOISE ID 83702-4598**



**Kari Lynn Townsend
Secretary**

MICROFILMED

NOV 26 2003

**EXPLANATORY INFORMATION
TO ACCOMPANY A
PRELIMINARY ORDER**

The accompanying order or approved document is a "Preliminary Order" issued by the department pursuant to section 67-5243, Idaho Code. It can and will become a final order without further action of the Department of Water Resources (department) unless a party petitions for reconsideration, files an exception and brief, or requests a hearing as further described below:

PETITION FOR RECONSIDERATION

Any party may file a petition for reconsideration of a preliminary order with the department within fourteen (14) days of the service date of this order. The department will act on a petition for reconsideration within twenty-one (21) days of its receipt, or the petition will be considered denied by operation of law. See Section 67-5243(3) Idaho Code.

EXCEPTIONS AND BRIEFS

Within fourteen (14) days after (a) the service date of a preliminary order, (b) the service date of a denial of a petition for reconsideration from this preliminary order, or (c) the failure within twenty-one (21) days to grant or deny a petition for reconsideration from this preliminary order, any party may in writing support or take exceptions to any part of a preliminary order and may file briefs in support of the party's position on any issue in the proceeding with the Director. Otherwise, this preliminary order will become a final order of the agency.

REQUEST FOR HEARING

Unless a right to a hearing before the department or the Idaho Water Resource Board (Board) is otherwise provided by statute, any person aggrieved by any final decision, determination, order or action of the Director of the department and who has not previously been afforded an opportunity for a hearing on the matter may request a hearing pursuant to section 42-1701A(3), Idaho Code. A written petition contesting the action of the Director and requesting a hearing shall be filed within fifteen (15) days after receipt of the denial or conditional approval.

ORAL ARGUMENT

If the Director grants a petition to review the preliminary order, the Director shall allow all parties an opportunity to file briefs in support of or taking exceptions to the preliminary order and may schedule oral argument in the matter before issuing a final order. If oral arguments are to be heard, the Director will within a reasonable time period notify each party of the place, date and hour for the argument of the case. Unless the Director orders otherwise, all oral arguments will be heard in Boise, Idaho.

CERTIFICATE OF SERVICE

All exceptions, briefs, requests for oral argument and any other matters filed with the Director in connection with the preliminary order shall be served on all other parties to the proceedings in accordance with IDAPA Rules 37.01.01302 and 37.01.01303 (Rules of Procedure 302 and 303).

FINAL ORDER

The Director will issue a final order within fifty-six (56) days of receipt of the written briefs, oral argument or response to briefs, whichever is later, unless waived by the parties or for good cause shown. The Director may remand the matter for further evidentiary hearings if further factual development of the record is necessary before issuing a final order. The department will serve a copy of the final order on all parties of record.

Section 67-5246(5), Idaho Code, provides as follows:

Unless a different date is stated in a final order, the order is effective fourteen (14) days after its issuance if a party has not filed a petition for reconsideration. If a party has filed a petition for reconsideration with the agency head, the final order becomes effective when:

- (a) the petition for reconsideration is disposed of; or
- (b) the petition is deemed denied because the agency head did not dispose of the petition within twenty-one (21) days.

APPEAL OF FINAL ORDER TO DISTRICT COURT

Pursuant to sections 67-5270 and 67-5272, Idaho Code, if this preliminary order becomes final, any party aggrieved by the final order or orders previously issued in this case may appeal the final order and all previously issued orders in this case to district court by filing a petition in the district court of the county in which:

- i. A hearing was held,
- ii. The final agency action was taken,
- iii. The party seeking review of the order resides, or
- iv. The real property or personal property that was the subject of the agency action is located.

The appeal must be filed within twenty-eight (28) days of this preliminary order becoming final. See section 67-5273, Idaho Code. The filing of an appeal to district court does not itself stay the effectiveness or enforcement of the order under appeal.

MICROFILMED
NOV 26 2003

SPECIAL

REPRINT PURCHASE ORDER FOR SUPPLIES OR SERVICES (AUG 06, 2003@12:12:04)

ISSUING OFFICE:

Dept. of Veterans Affairs Medical Center
500 WEST FORT STREET
BOISE, ID 83702

REQUESTING SERVICE:

FACILITY MANAGEMENT SERVICE(138)

DEL. TO:

VENDOR:

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
1301 NORTH ORCHARD ST.
BOISE ID 83706

327-7900 FAX: 327-7866

SHIP TO:

A&MM SVC. KC3134
V.A. Medical Center
500 West Fort Street
Boise, ID 83702-4598

DELIVERY HOURS:
8AM TO 4PM

VERBAL PURCHASE ORDER

FOB POINT: DESTINATION

GOV'T BL #:

PURCHASE ORDER

DELIVER ON/BEFORE 8/16/2003

DISCOUNT TERM: NET30

SHIP VIA:

PROPOSAL: KAY WALKER

CONTRACT:

MAIL INVOICE TO:

FISCAL (04)

VA MEDICAL CENTER

500 West Fort Street

Boise, ID 83702-4598

ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Application Fee for permit for irrigation wells. BOC: 3150 FMS LINE: 001	1	JB	50.00	50.00

*** ESTIMATED PURCHASE ORDER *** Will need a check cut to send along with the permit form that I will be bringing over. These will need to be sent to the Idaho Department of Water.

V.A. TRANSACTION NUMBERS:

531-03-4-045-0219

AUTHORITY FOR PURCHASE	P.O. NO.	PO DATE	EST. TOTAL:	50.00
OGA	531-KC3134	8/6/2003		
CONTRACTING OFFICER	DATE SIGNED	PHONE	FAX	
/ES/BUD EVEREST	8/6/2003@12:11	208-422-1132	208-422-1139	
E-MAIL: bud.everest@med.va.gov				

FUND CERTIFICATION: The supplies/services listed on this request are properly chargeable to the following allotments, the available balances of which are sufficient to cover the cost thereof, and funds have been obligated.

APPROPRIATION: 3630160-045

OBLIGATED BY:

COST CENTER: 850100

BOC1: 3150

AMOUNT1:

50.00 FMS LINE: 001

SOURCE CODE: SUPPLY-2 FISCAL-3

FCP/PRJ: 010050100

MICROFILMED

NOV 26 2003

90-2138-7-ADP, JAN 1984



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Boise, ID 83706 - P.O. Box 83720, Boise, ID 83720-0098
Phone: (208) 327-7900 Fax: (208) 327-7866 Web Site: www.idwr.state.id.us

DIRK KEMPTHORNE
Governor

KARL J. DREHER
Director

June 22, 2003

VETERANS ADMINISTRATION MEDICAL CENTER
500 W FORT ST
BOISE ID 83702-4598

RE: Water Right Permit 63-10153

Dear Permit Holder(s):

I previously forwarded to you an Application for Amendment so that you could amend your permit to depict your water right as it has actually been developed. I have not yet received the amendment. If I do not receive it within **10 days**, I will assume you no longer have any interest in the permit and cancellation proceedings will begin.

Please note that there is a **\$50.00** filing fee for this amendment. A copy of the Application for Amendment is enclosed for your convenience.

If you have any questions regarding this matter, please call me at 208-327-7944.

Sincerely,

KAY WALKER
Sr. Water Resource Agent

KW:klt

Enclosure

8-6-03
Doug Lamb
called - didn't
understand need
for amendment.
Will get it submitted
along w/ filing fee.

KW

MICROFILMED
NOV 26 2003

7-24-03
Larry Post called (422-1370)
about this letter -
Doug Lamb is on
vacation & he is
the one to handle
the licensing amendment.
Won't be back until
8/4/03 - call if he
doesn't call
me first.
KW



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Boise, ID 83706 - P.O. Box 83720, Boise, ID 83720-0098

Phone: (208) 327-7900 Fax: (208) 327-7866 Web Site: www.idwr.state.id.us

DIRK KEMPTHORNE
Governor

KARL J. DREHER
Director

July 1, 2003

VETERANS ADMINISTRATION MEDICAL CENTER
500 W FORT ST
BOISE ID 83702-4598

RE: Permit No. 63-10153

Gentlemen:

The Department of Water Resources is reviewing the above referenced permit prior to issuing a water right license. By issuing a license, the Department confirms that a water right has been established in compliance with the terms of the permit. The examiner who verified your water use reported that the points of diversion are in locations other than what was described on the permit. Therefore, before a license can be issued, this permit must be amended to depict the water right as it was actually developed.

The enclosed Application for Amendment form depicts the water use and other information, as they will appear on the license when it is issued. Please review the amendment form carefully. If you concur with the information presented please sign the form and return it with the \$50.00 filing fee within 14 days. Also, please note that some of the proposed conditions of approval and remarks may be modified upon further administrative review.

In a review of our records, we have also found that a claim has not been filed on this permit in the Snake River Basin Adjudication (SRBA). A claim is required for all water rights that proof of beneficial use was submitted prior to November 17, 1987. The proof of beneficial use for this permit was submitted on November 16, 1983. If a license is issued on this permit and no claim has been submitted in the SRBA the water right may be lost even if licensed. It is noticed that you have filed federal reserved claims for uses covered under this permit. Please contact our Western Regional Office at 334-2190 to get information about filing a claim on this permit.

If you do not concur with the above information, or if you have any questions about this information, please contact me as soon as possible. My telephone number is (208)327-7944.

Sincerely,

Kay Walker
Sr. Water Resource Agent

KW:k
Enclosure: Licensing Amendment

Cc: Jan Shurte, Western Region SRBA

MICROFILMED

NOV 2 8 2003

LICENSE REVIEW CHECKLIST

Permit No 63-10153 Date: 6-17-2003 Reviewer: Kay Walker

Change/OK

Name/Address fix

Source OK

Point of Diversion: change

Does change clarify original intended source? If no, void permit.

Change (P39/P49) Add (P45/P44) Feds (P40)

W32 (multiple in 1/4/1/4)
W36 (overlap)
W59 (subdivision description)

Place of Use OK

Change (P41/P49) Add (P41/P44) Feds (P43)

W60 (subdivision description)
W27 (ppu acre limit)

Overlaps: Right(s): Reserved Claims 63-29714 & 63-29765
File reviewed OK Profile reports printed OK

P/D & P/U amend (P37) Feds (P48)

Rate of Diversion:

Permitted rate 0.7 cfs
Fee Limit 1.0 cfs
Measured 1.0 cfs
Theoretical 1.0 cfs

Recommended Total Diversion Rate 0.7

Water Uses OK

Change (P46)

Season of Use per new Standards

3/1 11/15

Irrigation 0.6 cfs 139.0 af
Stockwater 0.1 cfs 0.6 af
Domestic 0.1 cfs 0.6 af
Indus 0.1 cfs 0.6 af
Tr Stor 0.1 cfs 0.6 af
Total 0.6 cfs 0.6 af

add "dis" to storage - should have been done @ permitting level

Irrigation - overlap (R58-R61, R62-R65, R66-R69)
supp. Gw (WB7/065/104)
overlap spec combined rts (W35)
<1 acre (W31)
Domestic (W01/wb5/070/071/075)
Power (W42 or W43/025/027/R22 or R23)
Fish (042)
Fire (077)
Water Quality (106/R07)
Payette - (W22/047/27A)
Stockwater for US (R37)

Irr from Stor
Div to Stor 0.7

Volume Determination

0.6 cfs x 1.9835 x 240 days = 309.4 af (vs) 30.8 acres x 4.5 (FHR) = 138.6 af

3.5 (con) ~ 139.0

Remarks:

Additional Conditions

Watermaster Control

GW Measurement/Measuring Device

Other

Trust R55 - remove 051)

Non-trust (048)

GW Dist?

Water Mgmt. Dist?

Crit. GWMA?

GWMA?

Government Lots?

Advance Priority? yes

no

If yes, explain why below.

SRBA Claim?

no - advise claim is req'd - proof made 1983
see federal reserved claims - proofs attached

Adjust memo

Amend Letters

P87, S06

Second Amendment Notice

P49 S06

IDAHO DEPARTMENT OF WATER RESOURCES

Adjudication Claim Report 63-29713

WATER RIGHT NUMBER: 63-29713

<u>Owner Type</u>	<u>Name and Address</u>
Current Owner	UNITED STATES OF AMERICA ACTING THROUGH DEPT OF VETERAN AFFAIRS 810 VERMONT AVE NW WASHINGTON, DC 20420
Attorney	JACK HAUGRUD US DEPT OF JUSTICE LAND & NATURAL RESOURCE SEC PO BOX 663 WASHINGTON, DC 20044-0663

Priority Date: 04/09/1873

Basis: Reserved

Status: Active

Source

GROUND WATER

TributaryBeneficial Use

HEATING

From To

1/01 to 12/31

Diversion Rate

2.760 CFS

Annual VolumeTotal Diversion:

2.760 CFS

Location of Point(s) of Diversion

GROUND WATER

NW1/4SW1/4

Sec. 2, Twp 03N, Rge 02E, B.M.

ADA County

GROUND WATER

SE1/4SW1/4

Sec. 2, Twp 03N, Rge 02E, B.M.

ADA County

Place of Use

HEATING

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
03N	02E	2									X	X	X						
03N	02E	3																X	
03N	02E	11					X												

Conditions of Approval:

IDAHO DEPARTMENT OF WATER RESOURCES

Adjudication Claim Report 63-29713

Remarks:

1. General

TOTAL QUANTITY CLAIMED IS 2.76 CFS; EXISTING USE IS 1.93 CFS AND FUTURE USE IS 0.83 CFS.

PLACE OF USE SHOWN IS PRESENT PLACE OF USE.

LEGAL DESCRIPTION OF RESERVATION: THE ORIGINAL RESERVATION OF APRIL 9, 1873, WAS DESCRIBED AS FOLLOWS: "BEGINNING AT A POINT 2145 FEET, N. 68 DEG., 34 MIN. W FROM THE FLAGSTAFF, AT FIR POST 8 FEET HIGH AND 1 FOOT IN DIAMETER, SQUARED AT TOP AND EACH FACE MARKED 'U.S.'; THENCE RUNNING S. 20 DEG. E. 54.32 CHAINS, TO POST 1.21 CHAINS FROM N.E. CORNER OF SMALL LOG BUILDING BEARING S. 35 DEG. E.; THENCE RUNNING N. 70 DEG. E. 117.50 CHAINS TO STAKE 4 INCHES SQUARE, 2 1/2 FEET HIGH; THENCE RUNNING N. 20 DEG. W. 54.32 TO PILE OF STONES; THENCE RUNNING S. 70 DEG. W. 117.75 CHAINS TO THE POINT OF BEGINNING AND CONTAINING 638 ACRES, MORE OR LESS. ALL THE BEARINGS ARE TRUE MERIDIAN." THE RESERVATION OF FEBRUARY 13, 1911, WAS DESCRIBED AS FOLLOWS: "IN T. 3N, R. 3E, B.M., LOT 4 AND THE SE 1/4 OF THE NE 1/4 SEC. 5 AND LOTS 1 AND 2, SEC. 6. IN T. 4N, R. 3E, B.M., THE SE 1/4 SEC. 8; THE S. 1/2 SEC. 9; ALL OF SEC. 17, THE NW 1/4, THE E 1/2 AND THE SW 1/4 SEC. 20, ALL OF SEC. 21; THE W 1/2 SEC. 22, THE W 1/2 SEC. 27; ALL OF SECS. 28, 29, AND 30; ALL OF SEC. 31, EXCEPT 20.596 ACRES EMBRACED IN 'SUNNYSIDE LODGE' PATENTED TO W.P. RICHARDS AND DAVID GEKELER, AND ALL OF SEC. 32; THE N. 1/2 OF THE NW 1/3 AND THE SW 1/4 OF THE NW 1/4 SEC. 33." LIST OF DOCUMENTS CREATING THE FEDERAL RESERVATION: EXECUTIVE ORDER OF APRIL 9, 1873 EXECUTIVE ORDER OF FEBRUARY 13, 1911 AS A MATTER OF COMITY, THE UNITED STATES FILED FOR AND RECEIVED PERMITS 63-09890 AND 63-10339 FOR EXISTING HEATING USES ENCOMPASSED WITHIN THIS RESERVED RIGHT CLAIM.

THE PRESENT FEDERALLY OWNED PROPERTY ADMINISTERED BY THE DEPARTMENT OF VETERANS AFFAIRS IS SHOWN ON THE MAP ATTACHED TO CLAIM.

BASIS OF CLAIM: FEDERAL RESERVED WATER RIGHT AND HISTORICAL USE.

FUTURE DIVERSION POINTS: NOT YET SELECTED.

VERIFICATION STATEMENT IS ATTACHED TO CLAIM.

Comments:

Documentation of Ownership of the Current Place of Use

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

IDAHO DEPARTMENT OF WATER RESOURCES

Adjudication Claim Report 63-29713

Dates and Other Information:

Claim Received Date: 3/25/1993

Enlargement Use Priority Date:

Enlargement Statute Priority Date:

State or Federal: F

Owner Name Connector: AND

Water District Number:

Generic Max Rate Per Acre:

Generic Max Volume Per Acre:

Swan Falls Trust or Nontrust:

Swan Falls Dismissed:

DLE Act Number:

Carey Act Number:

Mitigation Plan: False

IDAHO DEPARTMENT OF WATER RESOURCES

Adjudication Claim Report 63-29714

WATER RIGHT NUMBER: 63-29714

<u>Owner Type</u>	<u>Name and Address</u>
Attorney	JACK HAUGRUD US DEPT OF JUSTICE LAND & NATURAL RESOURCE SEC PO BOX 663 WASHINGTON, DC 20044-0663
Current Owner	UNITED STATES OF AMERICA ACTING THROUGH DEPT OF VETERAN AFFAIRS 810 VERMONT AVE NW WASHINGTON, DC 20420

Priority Date: 04/09/1873

Basis: Reserved

Status: Active

<u>Source</u>	<u>Tributary</u>
GROUND WATER	

<u>Beneficial Use</u>	<u>From</u>	<u>To</u>	<u>Diversion Rate</u>	<u>Annual Volume</u>
OK → IRRIGATION	3/15	11/15	0.840 CFS	
DOMESTIC	1/01	12/31	1.390 CFS	
OK → INDUSTRIAL	1/01	12/31	1.390 CFS	
COMMERCIAL	1/01	12/31	1.390 CFS	
<u>Total Diversion:</u>			2.230 CFS	

Location of Point(s) of Diversion

GROUND WATER

ADA County

NW1/4SW1/4

Sec. 2, Twp 03N, Rge 02E, B.M.

Place of Use

IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
03N	02E	2										X	X	X					
03N	02E	3																X	
03N	02E	11					X	X											

DOMESTIC same as IRRIGATION
 INDUSTRIAL same as IRRIGATION

IDAHO DEPARTMENT OF WATER RESOURCES

Adjudication Claim Report 63-29714

INDUSTRIAL same as IRRIGATION
COMMERCIAL same as IRRIGATION

Conditions of Approval:Remarks:

1. General TOTAL QUANTITY CLAIMED IS 2.23 CFS.
TOTAL IRRIGATED ACRES IS 32.
PLACE OF USE SHOWN IS PRESENT PLACE OF USE.
LEGAL DESCRIPTION OF RESERVATION: THE ORIGINAL RESERVATION OF APRIL 9, 1873, WAS DESCRIBED AS FOLLOWS: "BEGINNING AT A POINT 2145 FEET, N. 68 DEG., 34 MIN. W FROM THE FLAGSTAFF, AT FIR POST 8 FEET HIGH AND 1 FOOT IN DIAMETER, SQUARED AT TOP AND EACH FACE MARKED 'U.S.'; THENCE RUNNING S. 20 DEG. E. 54.32 CHAINS, TO POST 1.21 CHAINS FROM N.E. CORNER OF SMALL LOG BUILDING BEARING S. 35 DEG. E.; THENCE RUNNING N. 70 DEG. E. 117.50 CHAINS TO STAKE 4 INCHES SQUARE, 2 1/2 FEET HIGH; THENCE RUNNING N. 20 DEG. W. 54.32 TO PILE OF STONES; THENCE RUNNING S. 70 DEG. W. 117.75 CHAINS TO THE POINT OF BEGINNING AND CONTAINING 638 ACRES, MORE OR LESS. ALL THE BEARINGS ARE TRUE MERIDIAN." THE RESERVATION OF FEBRUARY 13, 1911, WAS DESCRIBED AS FOLLOWS: "IN T. 3N, R. 3E, B.M., LOT 4 AND THE SE 1/4 OF THE NE 1/4 SEC. 5 AND LOTS 1 AND 2, SEC. 6. IN T. 4N, R. 3E, B.M., THE SE 1/4 SEC. 8; THE S. 1/2 SEC. 9; ALL OF SEC. 17, THE NW 1/4, THE E 1/2 AND THE SW 1/4 SEC. 20, ALL OF SEC. 21; THE W 1/2 SEC. 22, THE W 1/2 SEC. 27; ALL OF SECS. 28, 29, AND 30; ALL OF SEC. 31, EXCEPT 20.596 ACRES EMBRACED IN 'SUNNYSIDE LODGE' PATENTED TO W.P. RICHARDS AND DAVID GEKELER, AND ALL OF SEC. 32; THE N. 1/2 OF THE NW 1/3 AND THE SW 1/4 OF THE NW 1/4 SEC. 33." LIST OF DOCUMENTS CREATING THE FEDERAL RESERVATION: EXECUTIVE ORDER OF APRIL 9, 1873 EXECUTIVE ORDER OF FEBRUARY 13, 1911 AS A MATTER OF COMITY, THE UNITED STATES FILED FOR AND RECEIVED PERMIT 63-05221 FOR EXISTING USES ENCOMPASSED WITHIN THIS RESERVED RIGHT CLAIM.
THE PRESENT FEDERALLY OWNED PROPERTY ADMINISTERED BY THE DEPARTMENT OF VETERANS AFFAIRS IS SHOWN ON THE MAP ATTACHED TO CLAIM.
BASIS OF CLAIM: FEDERAL RESERVED WATER RIGHT AND HISTORICAL USE.
VERIFICATION STATEMENT IS ATTACHED TO CLAIM.

Comments:

Documentation of Ownership of the Current Place of Use

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

IDAHO DEPARTMENT OF WATER RESOURCES

Adjudication Claim Report 63-29714

Dates and Other Information:

Claim Received Date: 3/25/1993

Enlargement Use Priority Date:

Enlargement Statute Priority Date:

State or Federal: F

Owner Name Connector: AND

Water District Number:

Generic Max Rate Per Acre:

Generic Max Volume Per Acre:

Swan Falls Trust or Nontrust:

Swan Falls Dismissed:

DLE Act Number:

Carey Act Number:

Mitigation Plan: False

IDAHO DEPARTMENT OF WATER RESOURCES

Adjudication Claim Report 63-29765

WATER RIGHT NUMBER: 63-29765

<u>Owner Type</u>	<u>Name and Address</u>
Attorney	JACK HAUGRUD US DEPT OF JUSTICE LAND & NATURAL RESOURCE SEC PO BOX 663 WASHINGTON, DC 20044-0663
Current Owner	UNITED STATES OF AMERICA ACTING THROUGH GENERAL SERVICES ADMIN 400 15TH ST SW AUBURN, WA 98001 (206)931-7007

Priority Date: 04/09/1873

Basis: Reserved

Status: Active

<u>Source</u>	<u>Tributary</u>
GROUND WATER	

<u>Beneficial Use</u>	<u>From</u> <u>To</u>	<u>Diversion Rate</u>	<u>Annual Volume</u>
DOMESTIC	1/01 to 12/31	0.230 CFS	
IRRIGATION	3/15 to 11/15	0.150 CFS	
COMMERCIAL	1/01 to 12/31	0.230 CFS	
INDUSTRIAL	1/01 to 12/31	0.230 CFS	
<u>Total Diversion:</u>		0.380 CFS	

Location of Point(s) of Diversion

GROUND WATER	NW1/4SW1/4SW1/4	Sec. 2,	Twp 03N,	Rge 02E, B.M.
ADA County				
GROUND WATER	SW1/4NW1/4SW1/4	Sec. 2,	Twp 03N,	Rge 02E, B.M.
ADA County				
GROUND WATER	SE1/4SE1/4SE1/4	Sec. 3,	Twp 03N,	Rge 02E, B.M.
ADA County				

Place of Use

IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
03N	02E	2											X						
03N	02E	3																X	

Total Acres: 6

IDAHO DEPARTMENT OF WATER RESOURCES

Adjudication Claim Report 63-29765

DOMESTIC same as IRRIGATION
COMMERCIAL same as IRRIGATION
INDUSTRIAL same as IRRIGATION

Conditions of Approval:Remarks:

1. General EXISTING PLACES OF USE SHOWN ABOVE. FUTURE PLACE OF USE WILL BE ON ADMINISTERED PROPERTY ON FORT BOISE SITE.
LEGAL DESCRIPTION OF RESERVATION: THE ORIGINAL RESERVATION OF APRIL 9, 1873, WAS DESCRIBED AS FOLLOWS: "BEGINNING AT A POINT 2145 FEET, N. 68 DEG., 34 MIN. W FROM THE FLAGSTAFF, AT FIR POST 8 FEET HIGH AND 1 FOOT IN DIAMETER, SQUARED AT TOP AND EACH FACE MARKED 'U.S.'; THENCE RUNNING S. 20 DEG. E. 54.32 CHAINS, TO POST 1.21 CHAINS FROM N.E. CORNER OF SMALL LOG BUILDING BEARING S. 35 DEG. E.; THENCE RUNNING N. 70 DEG. E. 117.50 CHAINS TO STAKE 4 INCHES SQUARE, 2 1/2 FEET HIGH; THENCE RUNNING N. 20 DEG. W. 54.32 TO PILE OF STONES; THENCE RUNNING S. 70 DEG. W. 117.75 CHAINS TO THE POINT OF BEGINNING AND CONTAINING 638 ACRES, MORE OR LESS. ALL THE BEARINGS ARE TRUE MERIDIAN." THE RESERVATION OF FEBRUARY 13, 1911, WAS DESCRIBED AS FOLLOWS: "IN T. 3N, R. 3E, B.M., LOT 4 AND THE SE 1/4 OF THE NE 1/4 SEC. 5 AND LOTS 1 AND 2, SEC. 6. IN T. 4N, R. 3E, B.M., THE SE 1/4 SEC. 8; THE S. 1/2 SEC. 9; ALL OF SEC. 17, THE NW 1/4, THE E 1/2 AND THE SW 1/4 SEC. 20, ALL OF SEC. 21; THE W 1/2 SEC. 22, THE W 1/2 SEC. 27; ALL OF SECS. 28, 29, AND 30; ALL OF SEC. 31, EXCEPT 20.596 ACRES EMBRACED IN 'SUNNYSIDE LODE' PATENTED TO W.P. RICHARDS AND DAVID GEKELER, AND ALL OF SEC. 32; THE N. 1/2 OF THE NW 1/3 AND THE SW 1/4 OF THE NW 1/4 SEC. 33." LIST OF DOCUMENTS CREATING THE FEDERAL RESERVATION: EXECUTIVE ORDER OF APRIL 9, 1873 EXECUTIVE ORDER OF FEBRUARY 13, 1911 THE PRESENT FEDERALLY OWNED PROPERTY ADMINISTERED BY THE GENERAL SERVICES ADMINISTRATION IS SHOWN ON MAP ATTACHED TO CLAIM TOTAL NUMBER OF IRRIGATED ACRES: 6.
VERIFICATION STATEMENT IS ATTACHED TO CLAIM.

Comments:

Documentation of Ownership of the Current Place of Use

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

IDAHO DEPARTMENT OF WATER RESOURCES

Adjudication Claim Report 63-29765

Dates and Other Information:

Claim Received Date: 3/25/1993

Enlargement Use Priority Date:

Enlargement Statute Priority Date:

State or Federal: F

Owner Name Connector: AND

Water District Number:

Generic Max Rate Per Acre:

Generic Max Volume Per Acre:

Swan Falls Trust or Nontrust:

Swan Falls Dismissed:

DLE Act Number:

Carey Act Number:

Mitigation Plan: False

RECEIVED

OCT - 2 2001

Department of Water Resources

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No. 63-10153

1. Owner: VETERANS ADMINISTRATION MEDICAL CENTER Phone No. (208) 422-1000

Current Address: 500 W FORT STREET, BOISE ID 83702-4598

2. Accompanied by: PAT FLANIGAN AND DAVE DOESCHER EXAM DATE : 8/9/2001

Address: SAME AS ABOVE Phone No. SAME AS ABOVE

Relationship to Permit Holder: MAINTENANCE ENGINEER AND MAINTENANCE OPERATOR

3. Source: GORUNDWATER tributary to N/A

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 63-10153, 63-5220, 63-5221, 63-10339, 63-29713, 63-29714, 63-29765, 63-9890

2. Other water rights with the same point of diversion: 63-10153, 63-5220, 63-5221, 63-10339, 63-29713, 63-29714, 63-29765, 63-9890

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

Ident No.	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
WELL # 1			NW	SW	2	3N	2E	ADA	GPS AND VISUAL INSPECTION USING 2000 AERIAL PHOTO
WELL # 2			NW	SW	2	3N	2E	ADA	GPS AND VISUAL INSPECTION USING 2000 AERIAL PHOTO
WELL # 3			NW	SW	2	3N	2E	ADA	GPS AND VISUAL INSPECTION USING 2000 AERIAL PHOTO

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2. Place(s) of Use:

Indicate Method of Determination, SAME AS POINT OF DIVERSION

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
3N	2E	2										2.1 X S	22.7 X S	4.3 X S					29.1 AC
3N	2E	3																1.4	1.4 AC
3N	2E	11					0.1	0.2											0.3 AC
																			TOTAL ACRES
																			30.8 AC

PLEASE NOTE: The X denotes the industrial use for this permit. The S denotes the location of the storage units for this permit.

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/pipe i.d. as applicable.

SEE ATTACHED SHEET.

YES Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

YES Aerial Photo Attached (required for irrigation of 10+ acres).

YES Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
WELL # 1	BERKLEY	25 Hp	6T-275	BERKLEY	6T275
WELL # 2	JACUZZI	20 Hp	20SX4-T2/A	JACUZZI	20SX4-T2/A
WELL # 3	US MOTORS	10 Hp	1184500	JOHNSON	JN-4738

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

D. FLOW MEASUREMENTS

1.

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

2. **Measurements:** It was not possible to get an actual measurement on the wells. Pump curves and theoretical calculations were used to determine the maximum rate of flow for the three wells. The calculated rate should be well above actual diversion rates of the system.

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E. NARRATIVE/REMARKS/COMMENTS

The water for this permit is pumped from three wells into the Veterans Administration Hospital's (VA) water system. The VA staff has supplied a description of the distribution system for this permit (please system description). The water was originally used for the potable water supply for the hospital. However, public drinking water standards have forced the hospital to begin using United Water for their main source of potable water. However, they still have the capability of reconnecting the pipelines for the potable water to the wells if needed in an emergency. An Y2K test run to reconnect the system showed that they could reconnect the system in less than 6 minutes. They cannot have the 2 systems physically connected, but they are prepared to use the system for a backup system if it is necessary.

The well water is used to operate the fire hydrants and sprinkler systems in the hospital. The entire fire system is connected to the wells. All of the irrigation for the hospital is connected to the wells. The only place that water supplied by United Water is used is in the buildings for their potable water. 30.8 acres are irrigated from the wells.

OVERLAP

This permit is overlapped by two statutory claims (63-5220 & 63-5221) and one reserved right (63-29714). Since none of the overlapping rights have been verified this permit should not be affected by these rights. However, if these rights are decreed in the Snake River Basin Adjudication (SRBA) then this permit should be limited to prevent doubling up on the existing rights.

RECOMMENDATIONS:

I recommend that this permit be licensed as listed below. When all rights for the hospital are combined the diversion for irrigation should not exceed 0.62 cfs and 138.6 afa and the combined diversion rate for commercial, industrial, and domestic use should not exceed 1.60 cfs and an annual volume of 0.60 afa. The license for this permit should contain the condition "Some or all of the water use authorized by this right is claimed with an earlier priority date on SRBA claim numbers 63-5220, 63-5221, and 63-29714. In the event that claims 63-5220, 63-5221, and 63-29714 are decreed as claimed, the Director may amend or revoke this right to eliminate any redundancy of water rights."

Have conditions of permit approval been met? ☒ yes ☐ no

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F. FLOW CALCULATIONS

YES Additional Computation Sheets Attached

Measured Method:

WELL # 1 = 0.59 CFS

WELL # 2 = 0.71 CFS

WELL # 3 = 0.30 CFS

TOTAL = 1.60 CFS SYSTEM CAPACITY

The permit allows a total of 0.10 cfs for industrial and 0.60 cfs for irrigation

Therefore this permit's diversion rate is limited to 0.10 cfs for industrial and 0.60 cfs for irrigation. However, the irrigation portion has been covered under statutory claims 63-5220 and 63-5221 and no rate should be allowed for irrigation if the SRBA decrees the two statutory claims.

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 30.8 \text{ acres} \times 4.5 = 138.6 \text{ afa}$$

$$V_{D.R} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 0.60 \text{ cfs} \times 260 \times 1.9835 = 309.4 \text{ afa}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 138.6 \text{ afa}$$

B

2. Volume Calculations for Other Uses:

STORAGE CALCULATIONS = 40,000 GALLON AERATION TANK + 450,000 STORAGE TANK / 325,850 = 1.5 AFA OF STORAGE

INDUSTRIAL VOLUME =

United Water delivered 25,939 cubic feet of water to the hospital or 0.6 afa (25,939 X 43560 = 0.60 afa). The maximum allowable for the permit at a diversion rate of 0.10 cfs would be 72.4 afa (0.10 cfs X 365 days X 1.9835 = 72.4 afa).

Therefore, the maximum allowable is 0.6 afa for industrial use.

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H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial use	Period Of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
INDUSTRIAL	1/1	12/31	0.10 CFS	0.6 afa
IRRIGATION	3/1	11/15	0.60CFS	138.6 afa
DIVERSION TO STORAGE	1/1	12/31	0.70 CFS	
IRRIGATION STORAGE	1/1	12/31		1.5 AFA
IRRIGATION FROM STORAGE	3/1	11/15		1.5 AFA
TOTAL			0.70 CFS	140.7 AFA

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☐ None
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

DANIEL A. NELSON – SENIOR AGENT

Field Examiner's Name Daniel A. Nelson Date 9-14-2001

Reviewer _____ Date _____

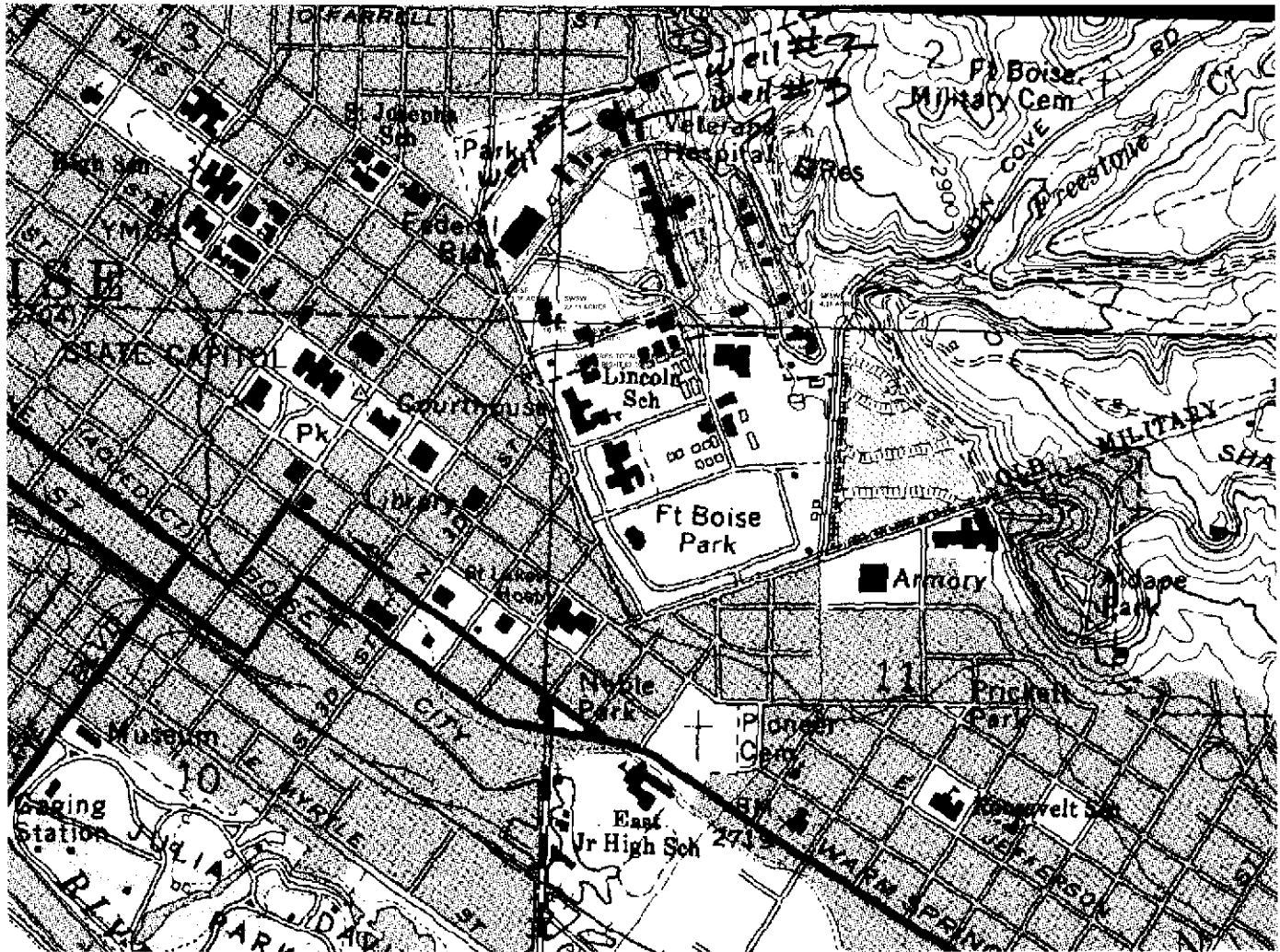
SEAL

S.O. - 10-1-01 *st*

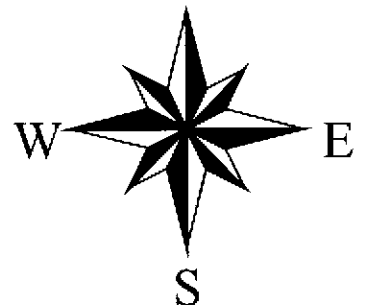
MICROFILMED

NOV 26 2003

63-10153
 PLACE OF USE
 TOTAL OF 30.8 ACRES IRRIGATED
 VETERANS ADMINISTRATION HOSPITAL
 T3N R2E FORT BOISE MILITARY RESERVE

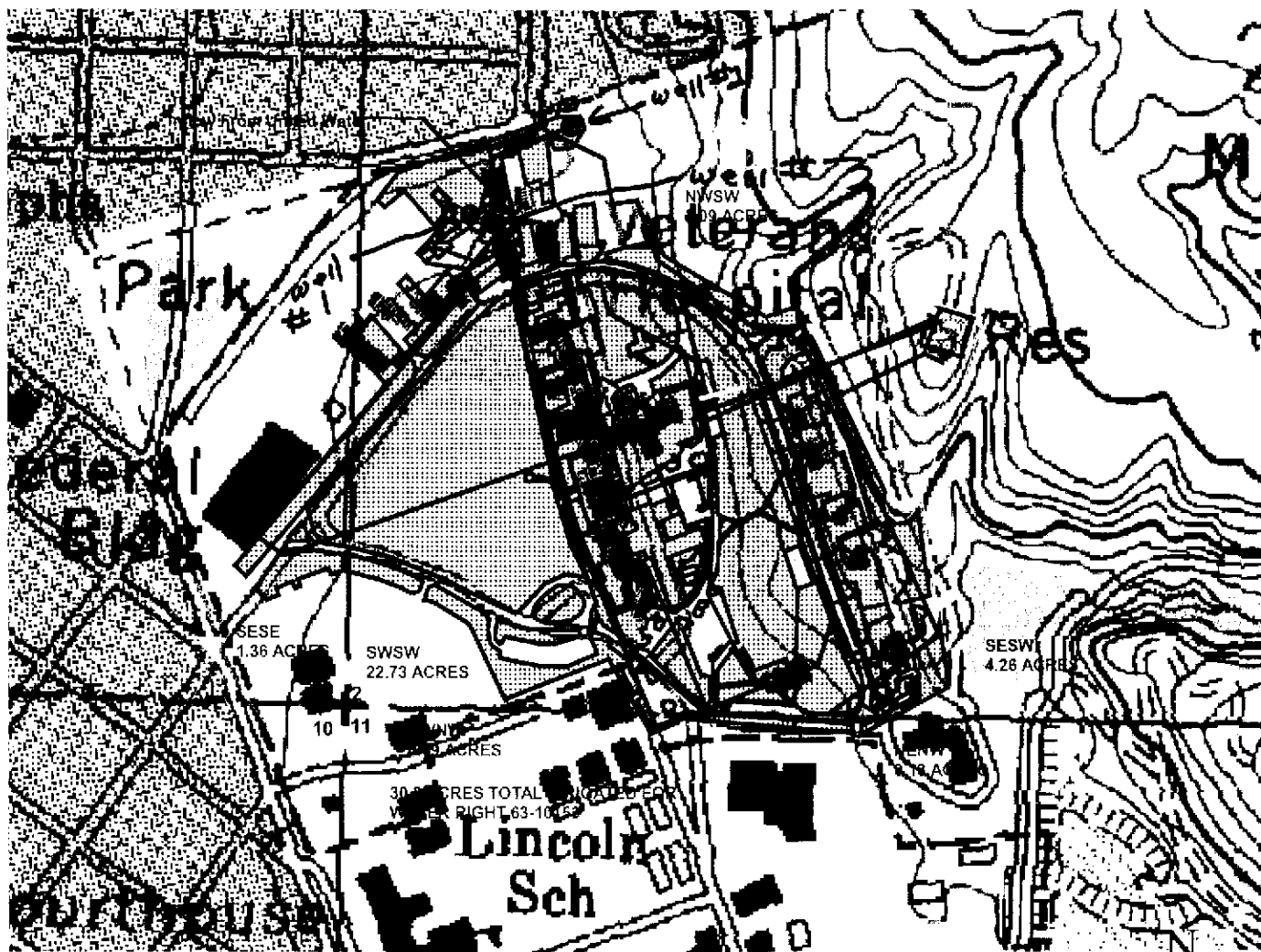


0.2 0 0.2 0.4 Miles

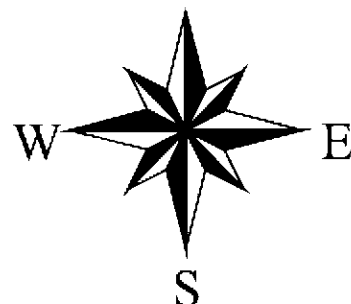


-  Storage Reservoirs
-  Irrigation and Fire Mainlines Used to Transport Non-Potable Water
-  Cold Water Wells Points of Diversion
-  Section Lines
-  1/4 1/4 Lines

63-10153
PLACE OF USE
TOTAL OF 30.8 ACRES IRRIGATED
VETERANS ADMINISTRATION HOSPITAL
T3N R2E FORT BOISE MILITARY RESERVE



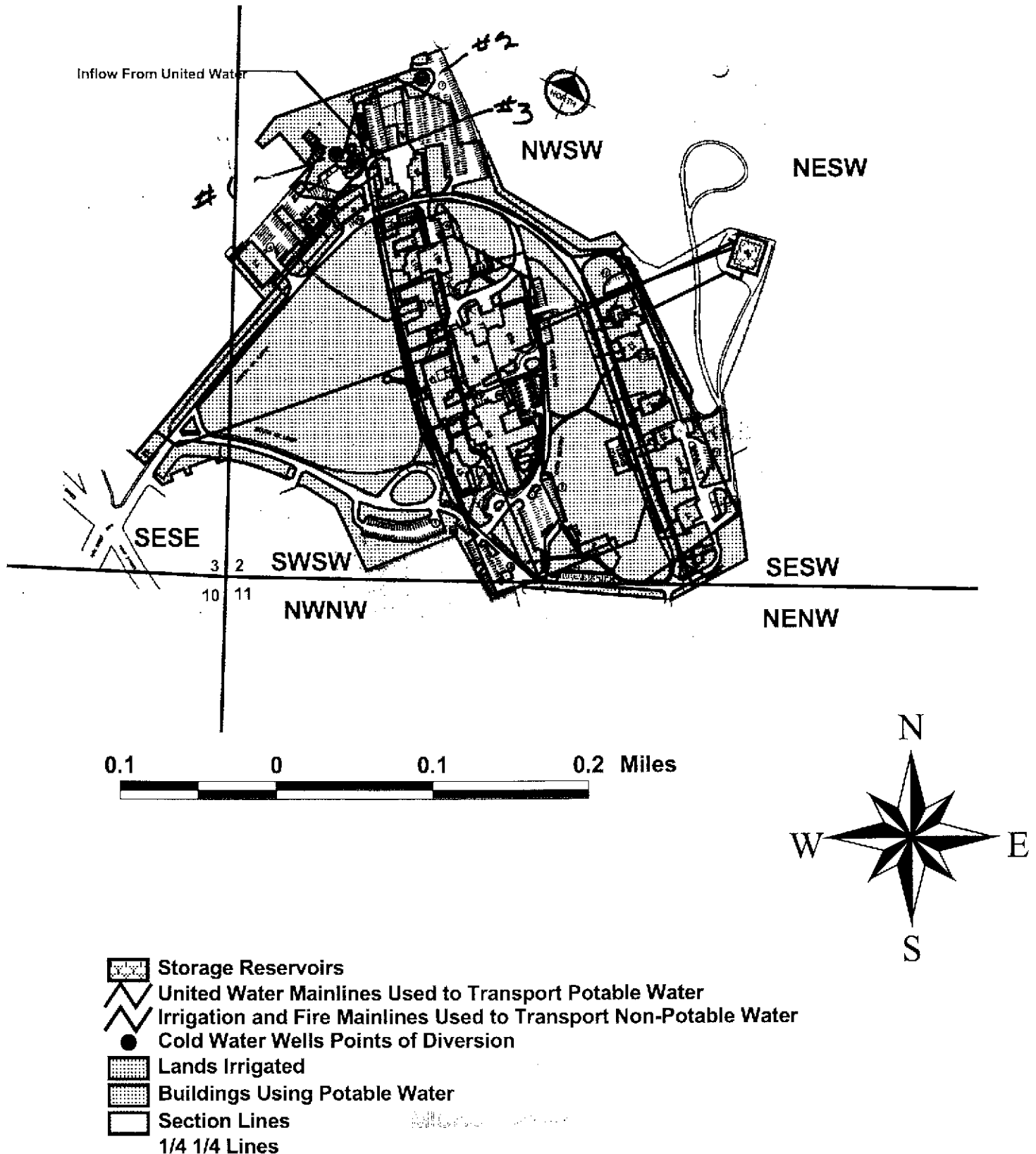
0.1 0 0.1 0.2 Miles



- Storage Reservoirs
- United Water Mainlines Used to Transport Potable Water
- Irrigation and Fire Mainlines Used to Transport Non-Potable Water
- Cold Water Wells Points of Diversion
- Lands Irrigated
- Buildings Using Potable Water
- Section Lines
- 1/4 1/4 Lines

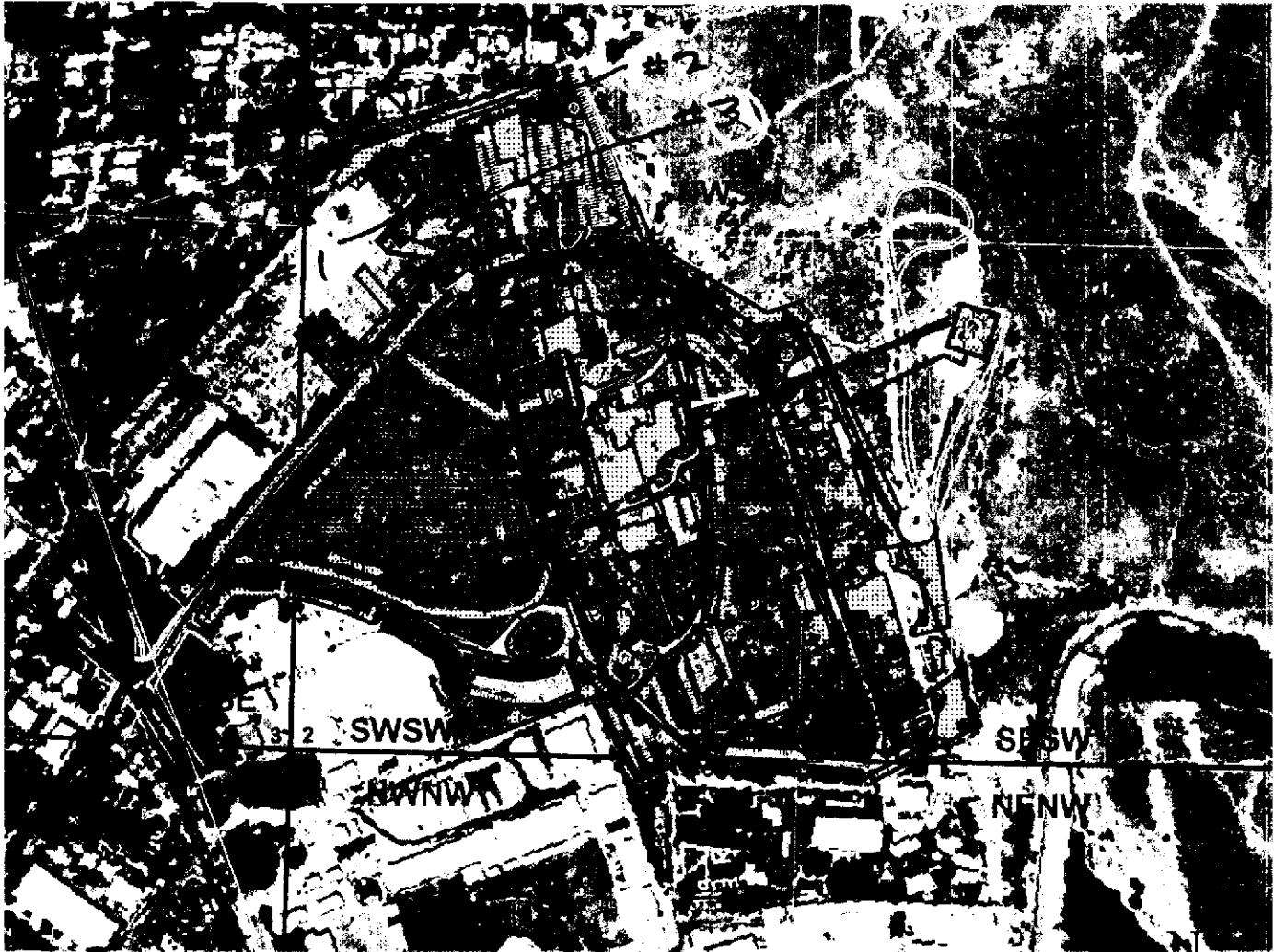
63-10153

DIAGRAM OF DELIVERY SYSTEM VETERANS ADMINISTRATION HOSPITAL T3N R2E FORT BOISE MILITARY RESERVE

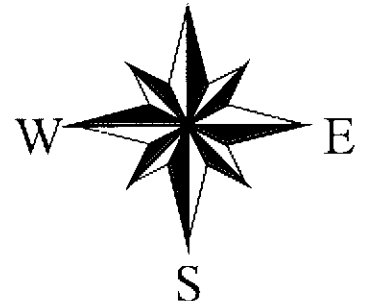


63-10153

DIAGRAM OF DELIVERY SYSTEM VETERANS ADMINISTRATION HOSPITAL T3N R2E FORT BOISE MILITARY RESERVE



0.1 0 0.1 0.2 Miles

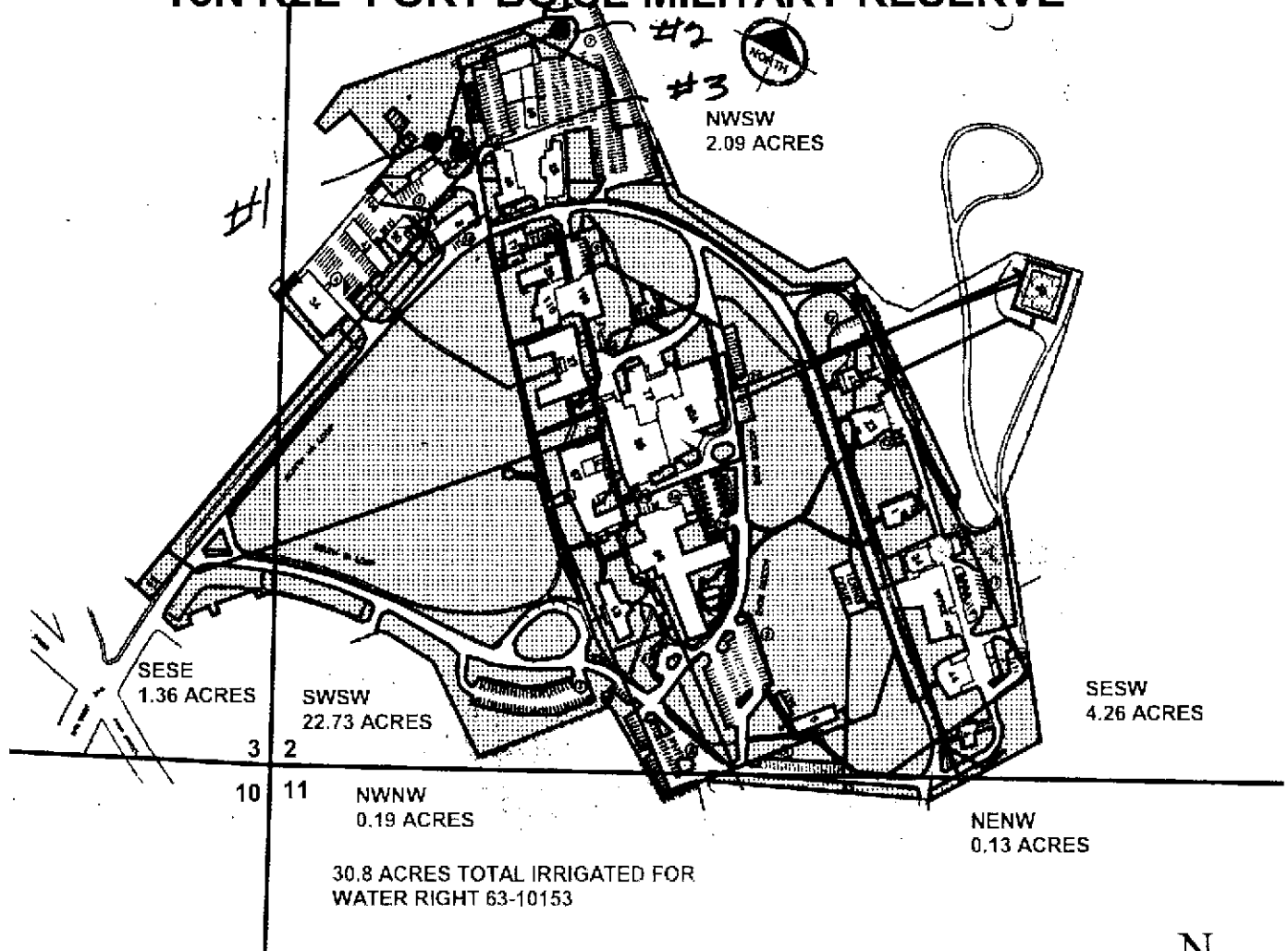


-  Storage Reservoirs
-  United Water Mainlines Used to Transport Potable Water
-  Irrigation and Fire Mainlines Used to Transport Non-Potable Water
-  Cold Water Wells Points of Diversion
-  Lands Irrigated
-  Buildings Using Potable Water
-  Section Lines
-  1/4 1/4 Lines

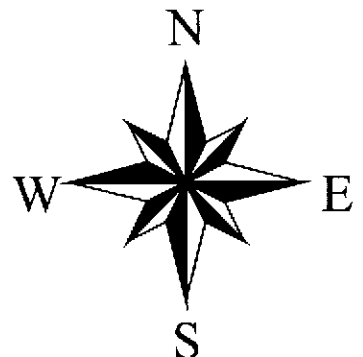
NOV 1963

1/4 1/4 Lines

63-10153
DIAGRAM OF DELIVERY SYSTEM
OF IRRIGATION SYSTEM
TOTAL OF 30.8 ACRES IRRIGATED
VETERANS ADMINISTRATION HOSPITAL
T3N R2E FORT BOISE MILITARY RESERVE



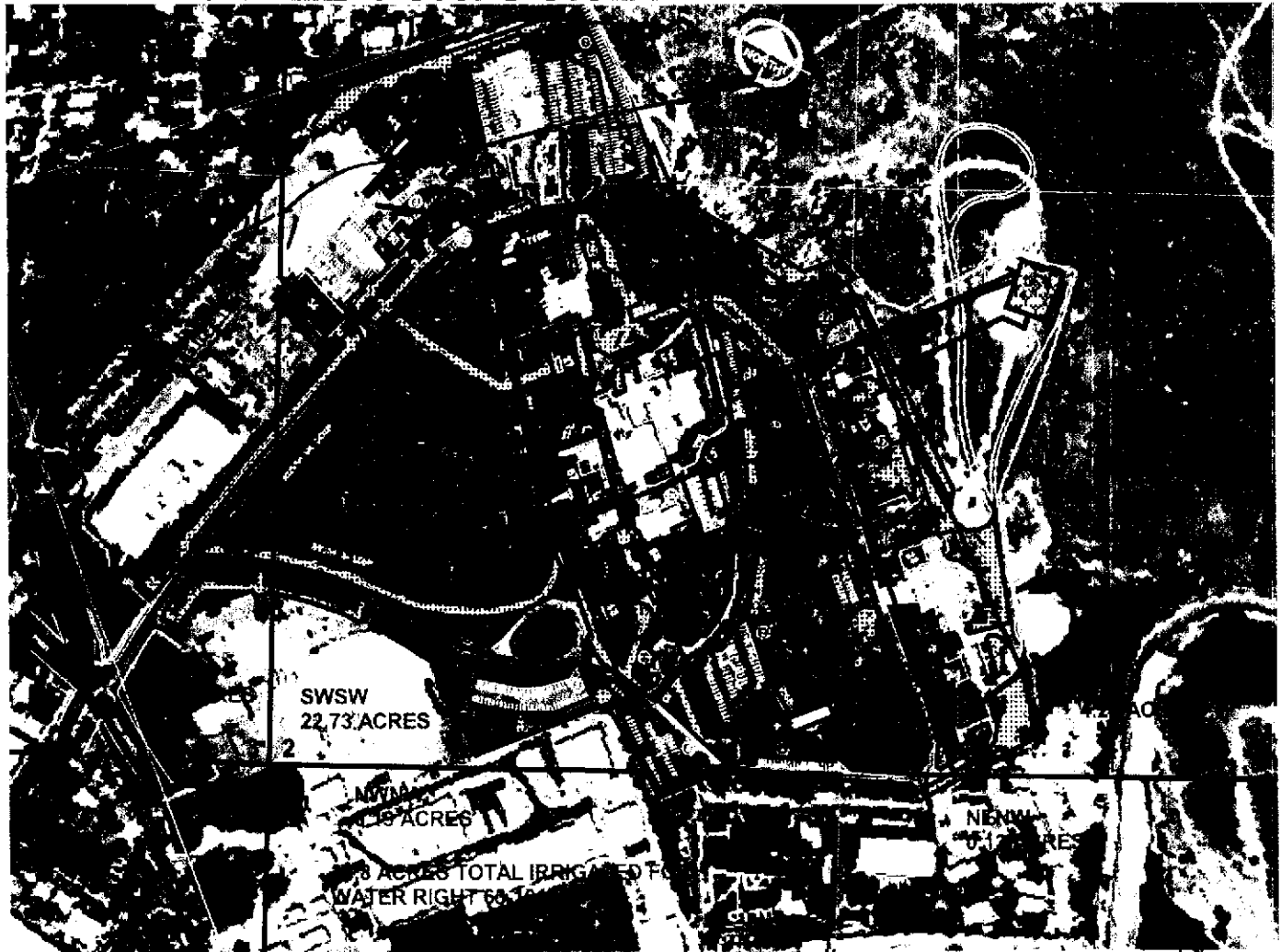
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- Storage Reservoirs
- United Water Mainlines Used to Transport Potable Water
- Irrigation and Fire Mainlines Used to Transport Non-Potable Water
- Cold Water Wells Points of Diversion
- Lands Irrigated
- Buildings Using Potable Water
- Section Lines
- 1/4 1/4 Lines

63-10153

DIAGRAM OF DELIVERY SYSTEM OF IRRIGATION SYSTEM TOTAL OF 30.8 ACRES IRRIGATED VETERANS ADMINISTRATION HOSPITAL T3N R2E FORT BOISE MILITARY RESERVE



0.09 0 0.09 0.18 Miles



-  Storage Reservoirs
-  United Water Mainlines Used to Transport Potable Water
-  Irrigation and Fire Mainlines Used to Transport Non-Potable Water
-  Cold Water Wells Points of Diversion
-  Lands Irrigated
-  Buildings Using Potable Water
-  Section Lines
-  1/4 1/4 Lines

WATER RIGHT 63-10153

WATER RIGHT 63-10153

	Acres for all Irrigation	Acres for SWSW	Acres for NWSW	Acres for SESW	Acres for NENW	Acres for NWNW	Acres for SESE
	0.003	0.003	1.813	0.061	0.038	0.036	0.048
	0.084	0.084	0.168	0.274	0.093	0.152	0.519
	0.012	0.012	0.041	0.538			0.369
	0.01	0.01	0.065	0.243			0.425
	0.454	0.454		0.125			
	0.048	0.275		0.301			
	0.275	0.211		0.36			
	0.211	0.026		0.361			
	0.026	0.021		1.359			
	0.021	1.431		0.483			
	0.061	0.116		0.09			
	0.274	0.342		0.063			
	0.538	0.183					
	1.431	0.326					
	0.116	0.05					
	0.342	0.222					
	0.183	0.025					
	0.326	0.031					
	0.05	0.035					
	0.222	0.051					
	0.025	0.299					
	0.031	0.129					
	0.035	0.04					
	0.051	0.025					
	0.299	0.039					
	0.129	0.094					
	0.04	0.063					
	0.025	0.12					
	0.039	0.045					
	0.094	0.058					
	0.063	0.02					
	0.12	0.037					
	0.045	0.672					
	0.058	0.15					
	0.02	0.14					
	0.037	0.013					
	0.672	0.01					
	0.15	0.023					
	0.14	0.442					
	0.013	0.01					
	0.243	0.135					
	0.125	0.211					
	0.01	0.036					
	0.023	2					
	0.442	0.054					
	0.01	0.492					
	0.135	8.37					
	0.211	0.249					
	0.301	0.895					
	0.036	0.056					

W04-1-1-1-1

10/1/2010

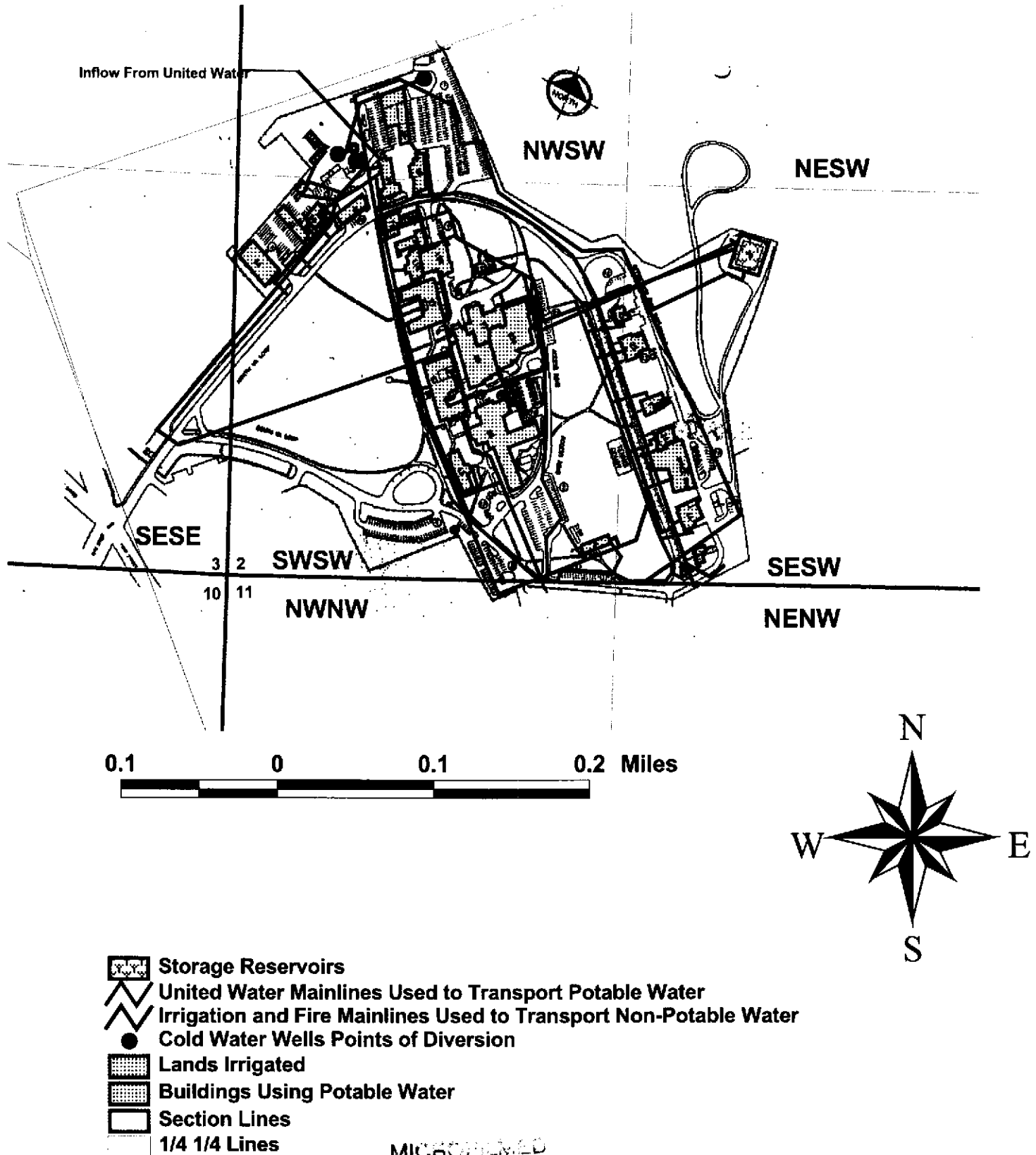
	2	0.066					
	0.054	0.142					
	0.519	0.005					
	0.492	1.994					
	0.369	0.239					
	8.37	0.025					
	0.425	0.046					
	0.249	0.086					
	0.036	0.409					
	0.895	0.857					
	0.007						
	0.038						
	0.36						
	0.056						
	1.813						
	0.066						
	0.168						
	0.142						
	0.041						
	0.065						
	0.005						
	0.361						
	1.994						
	1.359						
	0.239						
	0.017						
	0.025						
	0.483						
	0.046						
	0.005						
	0.086						
	0.09						
	0.409						
	0.063						
	0.152						
	0.093						
	0.857						
	0.001						

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63-10153

DIAGRAM OF DELIVERY SYSTEM OF POTABLE WATER FOR INDUSTRIAL USE VETERANS ADMINISTRATION HOSPITAL T3N R2E FORT BOISE MILITARY RESERVE

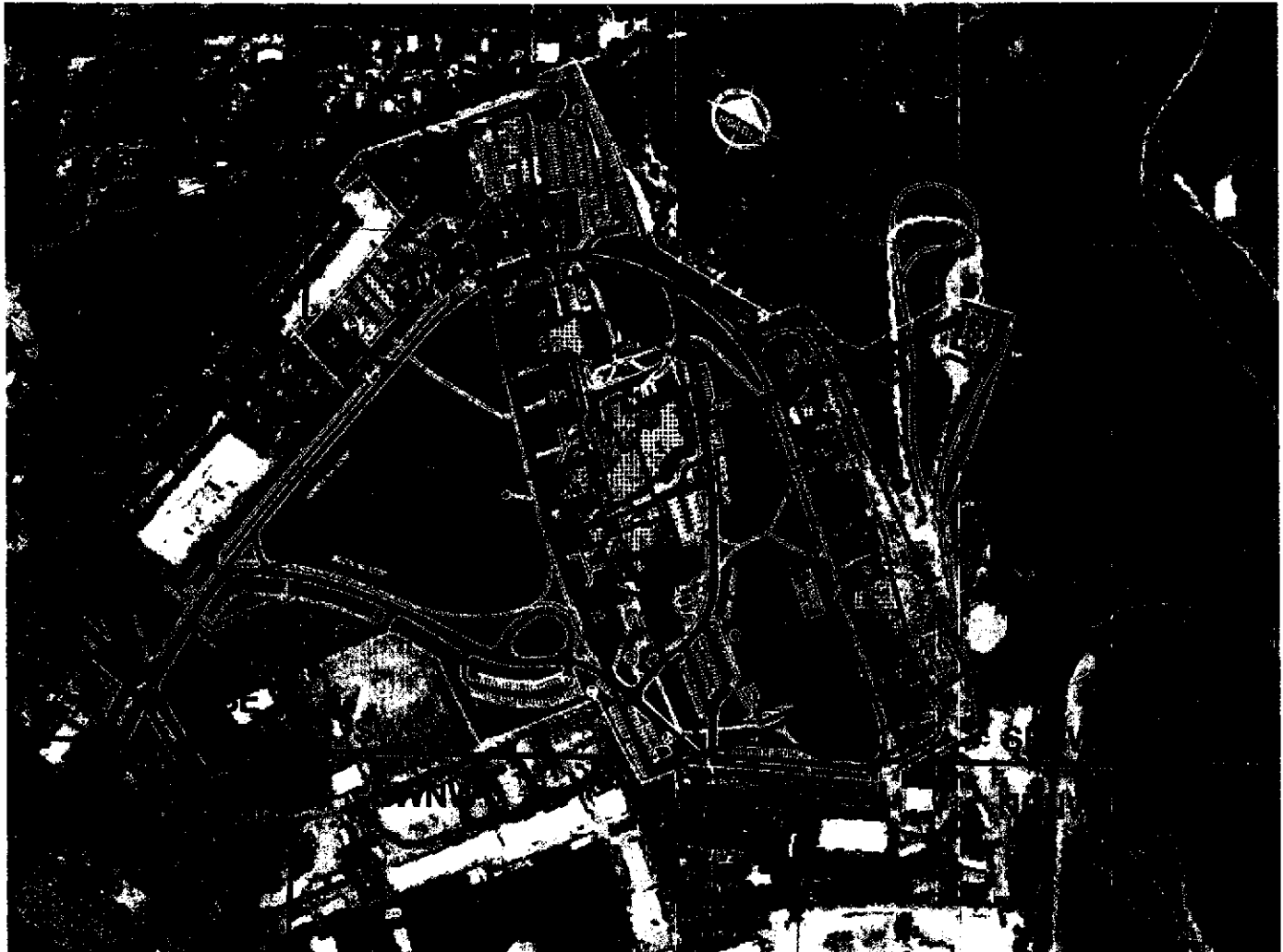


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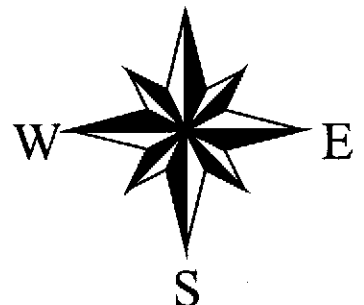
NOV 26 2003

63-10153

**DIAGRAM OF DELIVERY SYSTEM
OF POTABLE WATER FOR INDUSTRIAL USE
VETERANS ADMINISTRATION HOSPITAL
T3N R2E FORT BOISE MILITARY RESERVE**



0.1 0 0.1 0.2 Miles



-  Storage Reservoirs
-  United Water Mainlines Used to Transport Potable Water
-  Irrigation and Fire Mainlines Used to Transport Non-Potable Water
-  Cold Water Wells Points of Diversion
-  Lands Irrigated
-  Buildings Using Potable Water
-  Section Lines
-  1/4 1/4 Lines

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STATION WATER SYSTEM

1. The Boise Medical Center has two wells which supply the Medical Center with ~~water for food preparation, and steam for heat, cleaning and sanitary purposes. It also provides~~ water for fire hydrants and automatic fire sprinklers in the buildings, along with irrigating approximately 20 acres of grass.
 - a. A third well is inactive, but in an emergency it could possibly be used if some work was done on it.
 - b. If for some reason the wells should fail, the Medical Center has a tie-in to the United Water (Boise city water source) for a back-up source.
2. The water is pumped from the wells into the Aeration Tank, receives chlorine, and then is pumped into the station reservoir.
3. From the reservoir, the water is distributed to all buildings on the Medical Center grounds.

WELL AND PUMP HISTORY

1. Well number 1 is located behind Building 2
 - a. Depth - 474 feet
 - b. Casing - 12 inches
 - c. 25 horsepower submersible turbine pump with a new motor in 2001
 - d. Pumps water through a 6" pipe 60' to the aeration tank
 - e. Drilled in 1974, this is the main well for the station
 - f. In 1988, the well was cleaned
2. Well number 2 is located in Building 72
 - a. Depth - 350 feet
 - b. 10 HP pump motor
 - c. Pumps water through a 6" pipe 350' to the aeration tank
 - d. Drilled in 1931, re-cased and cleaned out in 1940
 - e. This well is plugged into the system. It helps increase the water supply during heavy use.
 - f. Well was cleaned in February 1989 and a new 20 HP pump installed
3. Booster pumps are located in Building 72
 - a. Two 20 HP pumps, rated at 300 GPM each
 - b. Pump water from the aeration tank 1600' and 162' raise to the Sonna Reservoir through a 8" line
 - c. The #1 booster pump and motor was completely overhauled in March 1988 and the #2 booster pump and motor was overhauled in 2001
4. Well number 3 is located in Building 2 and is inactive

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5. Aeration tank is located in Building 68
 - a. Built in 1932
 - b. Size – 40,000 gallons
 - c. Back flow preventer was installed in July 1989
6. Sonna Reservoir
 - a. Size – 450,000 gallons
 - b. Built in 1880
 - c. Feeds the station through 8" lines
7. Grade at foundation wall of reservoir is 2883.5'
Penthouse floor elevation is 2770.6" Building 85

*48.9 PSI at Building 85 Penthouse floor

DIFFERENCE IN ELEVATION OF RESERVOIR AND THE BUILDING 85
PENTHOUSE IS 112.9 FEET

8. The Medical Center obtains its potable water from United Water Corporation. We can tie our irrigation water into our potable water system if United Water Corporation will be unable to supply us with water for an extended period of time. This would be done only after much consideration and preparation

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Utility System
User Training

EMERGENCY POWER AND DISTRIBUTION SYSTEMS

1. The emergency electrical system for the facility is a redundant system with a series of small emergency generators and a large back-up station generator. In the event of an electrical outage the small emergency generators will start and provide partial power to Buildings 27, 67, 77, 85, 85A, and 88. The small generators start very fast, usually with a three to five second delay. The large back-up station generator will also start and provide power to a large portion of the remainder of the facility and backup to the small building generators. At times, circuit breakers trip during an emergency electrical system activation. These breakers must be reset before power will be restored.

2. If power is not restored in your area in fifteen minutes please contact Facility Management Service to determine the reason for the failure, at extension 1370. During off-hours, please contact the AOD at 1109.

DOMESTIC WATER AND PLUMBING SYSTEM

1. There are two domestic water systems which supply the Medical Center. One of the systems is supplied by United Water. There are booster pumps on this system to provide the required pressure. The other system is supplied by two water wells on the facility grounds. Water for this system is pumped up to a reservoir and then gravity fed to the hospital.

2. The sanitary sewer system is connected to the City of Boise system which treats our waste water.

3. Domestic hot water is produced by geothermal heat exchangers in each main building.

4. Should a leak occur in the piping system, please notify Facility Management Service to secure the area affected.

5. Should any of the domestic water and plumbing systems fail, lose pressure/leak, or lack hot water, please contact Facility Management Service at extension 1370. The AOD should be contacted during off-hours.

GEOHERMAL HEATING SYSTEM

The facility is heated by geothermal water from a well on the grounds. The facility can also be heated by the back-up boiler if the geothermal system is disrupted. The hot water is pumped through each building. Domestic hot water is also provided by our geothermal system. If the heating system fails, please contact Facility Management Service to determine the problem at extension 1370. The AOD should be contacted during off-hours.

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OVERLAP REVIEW OF COLD WATER USE FOR VETERANS ADMINISTRATION HOSPITAL

WATER RIGHT	BASIS	USE	RATE
63-1153	PERMIT	IRRIGATION INDUSTRIAL IRRIGATION STORAGE IRRIGATION WROTS STORAGE	0.60 CFS 0.10 CFS 0.10 CFS 0.10 CFS 0.10 CFS 0.10 CFS
63-5221	STATUTORY CLAIM	DOMESTIC INDUSTRIAL IRRIGATION	0.10 CFS 0.10 CFS 0.60 CFS
63-5220	STATUTORY CLAIM	INDUSTRIAL IRRIGATION DOMESTIC	0.10 CFS 0.60 CFS 0.10 CFS

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GROUNDWATER THEORETICAL ANNALYSIS

CURRENT
Well #1

FILE: 63-10153

DATE: 9-11-01

BY: Daniel A. Nelson

THEORETICAL RATE OF FLOW: $Q = \frac{(8.8 \times (HP) \times (EFF.))}{TDH}$

Q = CFS

HP = Total Brake Horsepower of pumping plant (including booster)

Eff. = Pumping plant efficiency (assume 70% or 0.70)

TDH = Total dynamic head = [(LIFT) + (PSI X 2.31)]

LIFT = Depth to water in FEET from land surface to pumping water level

PSI = Pumping pressure measured in PSI near pump (if open discharge assume [0])

$$Q = \frac{(8.8) \times (25) \times (0.70)}{[(167.5) + (40 \times 2.31)]} = \frac{154}{259.9} = .59 \text{ CFS}$$

266 gpm

LIFT FROM:

Measurement ()

Owner (X)

Area estimate ()

Well Logs ()

PSI FROM:

Measurement ()

Owner ()

Estimate (X)

Owner Gage ()

Booster (Y) (N)

NOTES ON PUMP:

Motor Make, Serial or ID

Pump Make, Serial or ID, rating

REMARKS: Theoretical matches Pump
curve very closely

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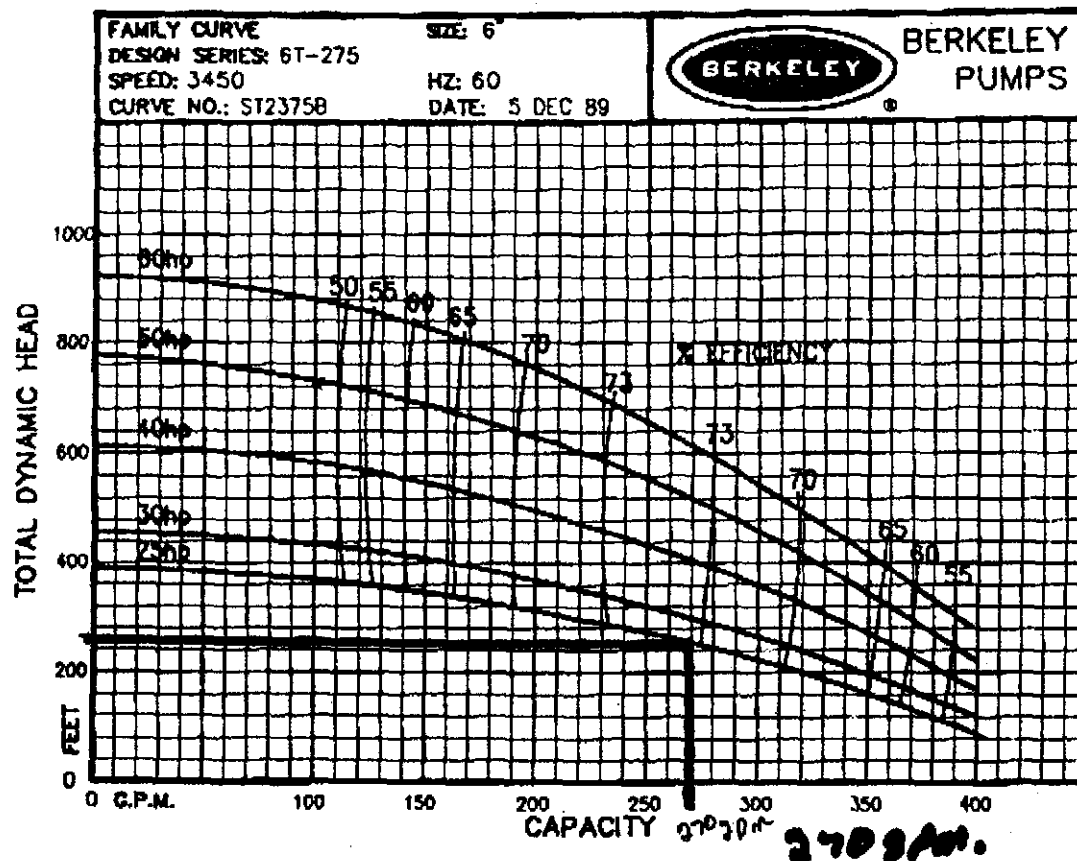
NOV 26 2003

25 Hp 460 Volt 3ph 6T-275 Berkeley
Sub. Pump 6 Stage

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NOV 26 2003

Submersible Turbine Model 6T-275



Specifications

LIQUID END WEIGHTS

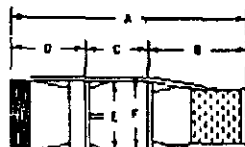
DESCRIPTION	WEIGHT LBS.	HP RATING	MOTOR FLANGE
ONE STAGE L.E.	55.8	25-60	6"
ONE STAGE L.E.			
ONE STAGE L.E.			
EACH ADDED STAGE	19.4	ALL	ALL

IMPELLER DATA

TYPE: ENCLOSED EYE AREA 5.76 Sq. In.
 THRUST CONSTANT K 1.83 Lbs./Ft of HEAD.

HP	IMPELLER No.	STAGES	IMPELLER Dia.
60	S39553	14	4.47" @ 32" (3.81")
50	S39552	12	4.44" @ 32" (3.78")
40	S39551	10	4.41" @ 30" (3.75")
30	S39553	7	4.47" @ 32" (3.81")
25	S39552	6	4.44" @ 32" (3.78")

OUTLINE DIMENSIONS



- A- ONE STAGE LIQUID END LENGTH
- B- SUCTION CONNECTION LENGTH
- C- STAGE LENGTH
- D- DISCHARGE CONNECTION LENGTH
- E- BOWL DIAMETER
- F- DIAMETER ACROSS LEAD GUARD

BOWL DATA

BOWL No. M04461 PUMP SHAFT Dia. 1"
 TYPE: THREADED DISCHARGE SIZE 3" NPT (Female)
4" NPT (Male)

NOTE: For each additional stage add 'C'

A	B	C	D	E	F	HP RATING	MOTOR FLANGE
19.63	11.00	5.00	3.63	5.38	5.81	25-60	6"

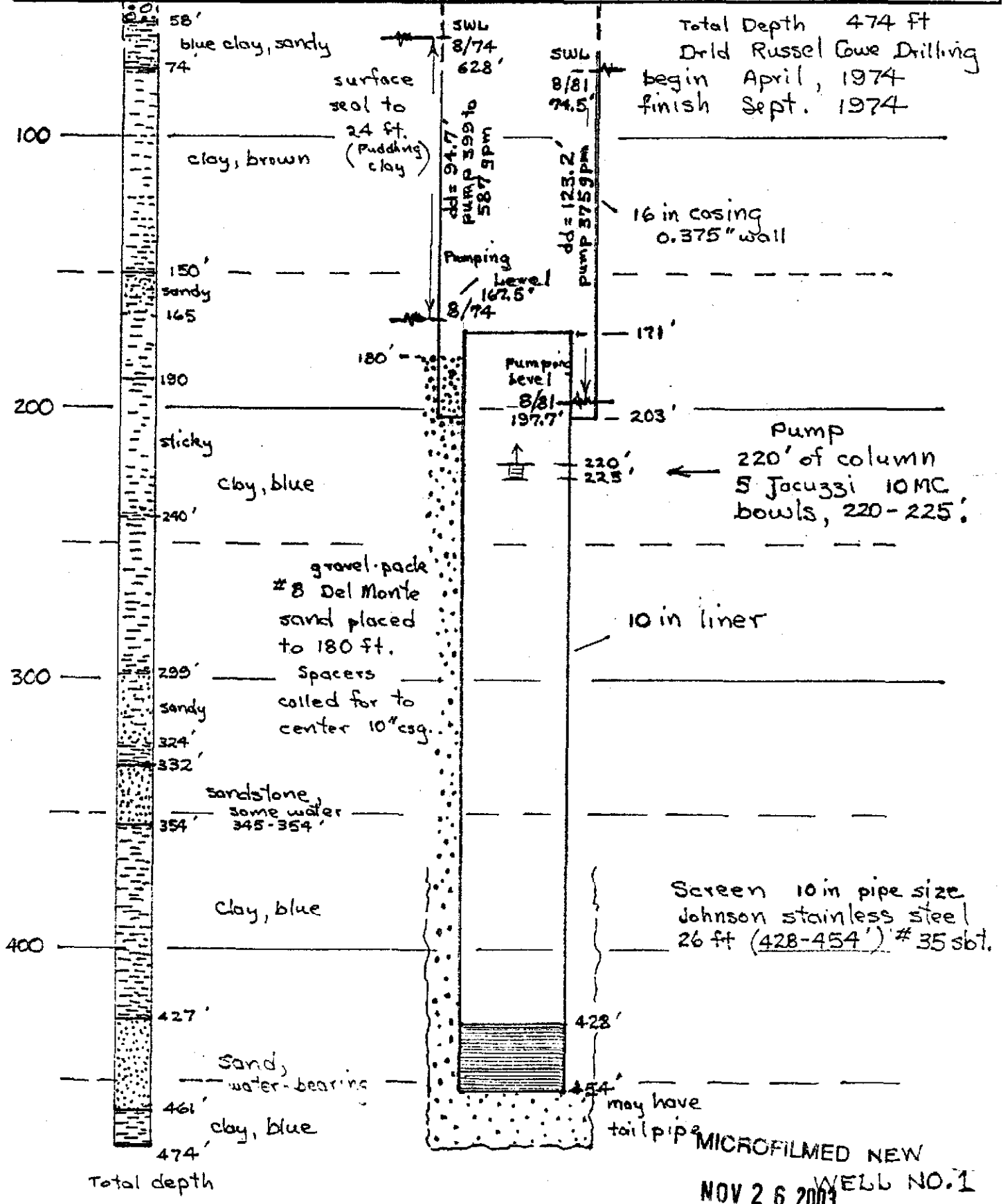
REVISED 15 May 80

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© 1990, Berkeley Pumps

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BY G.I.H.F	DATE 8/10/81	PROJECT Boise Veterans Admin.	SHEET ____ OF ____
CHKD BY	DATE	FEATURE Supply Wells	
DETAILS "NEW" Well No. 1		3 N / 2 E - 2 cbc 3	



MICROFILMED NEW
NOV 26 2003
WELL NO. 1

Data Summary
Well No. 1 (new well)
Veterans Administration
Boise, Idaho

Well --- No. 1, USGS No. 3N/2E-20003
Location - About 1275 ft north, 250 ft
east of SW corner Sec 2.

Ground Elev. -- About 2720 (topog. sheet)

Drilled -- April to September, 1974 to
total depth of 474 ft by Russel Cowe
Drilling.

Hole Size -- 16 in to 474 ft

Casing -- 16 in (0.375 in) to 203 ft; 10 in
liner plus 10 in screen assembly from
171 to 454 ft.

Screen Assembly -- 10 in pipe-size Johnson
stainless steel screen, No. 35 slot, with 257 ft
of 10 in liner as headpipe centered in 16 in
hole. Gravel packed with No. 8 "Del Monte"
sand bottom to 180 ft. No seal between
10 and 16 in casings. Screened from
423 to 454 ft.

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Aquifer -- 34 ft of water bearing sands,
427-461 ft. An upper sandy zone,
289-324 ft, which is probably correlative with
the producing zone in well No. 2 and in old
Well No. 1, is in the gravel-packed interval
behind the 10 in liner. When surcoring

11

Well No. 1 a flow of unknown amount from the upper zone enters the well at the top of the 10 in liner. While test pumping the new well at 375 gpm for 3 hrs, July 22, 1981, the cascading water was noted and the water level in old Well No. 1, open ^{only} to the shallow zone declined 3.5 ft.

Calculated transmissivity for the well is about 14,000 gpd/ft and storage is 3.1×10^{-4} .

Water Chemistry -- the water sampled is a mixture from the two zones. Temp., 84.2°F; pH, 7.9; TDS 270; turbidity 2.9; color, less than 5; alkalinity (CaCO₃) 92; ammonia 0.11; Ca 17.4; Cl 5.8; hardness 49; nitrate 0.8; surfactants, less than 0.03; Mg 0.9; Si 14.8; SO₄ 70; F 2.4; Fe 0.23; Mn 0.05; Na 56; and EC = 390.

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COMPUTATION SHEET

BY	DATE	PROJECT	SHEET ____ OF ____
CHKD BY	DATE	FEATURE	
DETAILS			

Well #1 (1974)

Yield Tests

date	static water level	well idle	Discharge	Pumping level	Time Pumping	Dwdn	Spec. Cap.
8/28/74	62.75	new well	399	126.3	2 hr.	63.5'	6.3
			587	167.5	+ 6 hr.	105	5.6
8/29/74	68	18 hrs	580	167.5	5 1/2 hr	99.5'	5.8
Test pump set at 168 ft -- sustained yield would have been less than 580 gpm.							
7/22/81	74.5	10 hrs	375	201 (airline)	3 1/2 hr	123'	3.1
Unable to meas. pumping level, cascading water at 172.7' at top of 10-in liner. Checked later with (airline) and shrouded M-Scope probe							
8/4/81	—	—	est 370	197.7'	—	123.2 ±	3.0
(201'-airline)							

Water Levels, Misc.

date	static	Time Idle	Pumping level	Time Pumping	Discharge
8/28/74	62.75	new well	167.5'	5 1/2 hrs	399-587 gpm
8/29/74	68	18 hrs	167.5	6 hrs	580
8/2/77	70	—	130 ?	—	200
7/16/81	—	—	200 airline	—	est. 370
7/22/81	74.5	10 hrs	—	3 1/2 hrs	375
8/4/81	—	—	197.7	—	est. 370
8/6/81	—	—	191.9	10 min	375
	—	—	195.5	50 min	375
8/25/81	—	—	202.7	33 hrs	est 370

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B-212
 USBR-Reg 1
 2/67

**PUMPING TEST
 FIELD DATA**

New well drilled 1974

measur. are from bottom lip of
 1 1/2" slot-pipe access, w side of pump
 For pumped well

PUMPED
 Test Well VA Well 1

Test Step-Drawdown

Observation Well check Well 2

Project Veterans Admin.

Radius (ft.)

TIME	ELAPSED TIME (min.)	DEPTH TO WATER MP. top slot pipe access 1.6' abv gnd. (ft.)	DRAWDOWN pipe (ft.)	MANGMETER READING (in.)	DISCHARGE from tank fill-up (gpm)	by/ REMARKS Gordon Haskett Gary King Randy Jones
7/22/81						
		Well has been idle since			7/21/81 2245 hours	
0825	—	74.46	0		both pumps idle since 2245 7/21/81	
905		Pump on w/ flow w/ valve				
		at 9:08 good on tank 9.7 - turn on booster #1				
910	6	172.93				
915		Shut down pump - Valve almost wide open				
930	0	~~74.7~~ 74.7				Turn pump on
936	6	172.70	98.0			
942	12	172.72	98.02			Temp 28.5°C
947	17	172.73	98.07 (98.03)			
954	24	172.79	98.09 (98.09)			
957		start up 2nd booster tank 9.39			meter	168364.00 - 0.10
10:00	30	172.78	98.32 (98.18)			
10:10	40	172.79	98.09		Pump	
10:20	50	172.76	98.06		375 gpm	
10:25	55	172.82	98.12			
10:30	60	172.78	98.18			
Incr to Step 2		2 turns of valve to left (counter-clockwise)				
10:30						29°C 390 FC
10:40	10 70	172.84	98.14			
10:45	15 35	173.17	98.47			
10:50	20 10	172.74	98.04			doesn't appear to have increased Q
10:58	28 18	172.80	98.1			
11:00	30 70	—				incr 2 turns counter-clockwise
11:00	0	start new step				
11:10	10 30	172.73	98.03		MICROFILMED	
11:20	20 20	172.74	98.04			
11:25	25 15	172.76	98.06		NOV 26 2003	
11:30	30 10					
11:40	10 00	172.74	98.04			
11:50	20 00	172.68	97.98			
12:05	(150)	172.67	97.97			
12:20	(130)	172.68	97.98			
12:40	(140)	172.67	97.97			
12:50	300	172.63	97.93			
2:55		172.62	97.92			
13:00	310					

1 1/2" pumping
 on 7/22/81
 to be measured
 at 171' level
 29°C 410 FC
 was
 8/4/81
 197.7
 200'

PUMPING TEST
FIELD DATA

Test Stop-odd

Project Vet. Admin

Recovery

~~MICROFILMED~~

~~NOV 26 2003~~

46 6213

K-E SEMI-LOGARITHMIC 5 CYCLES X 70 DIVISIONS
KEUFFEL & ESSER CO. MADE IN U.S.A.

$$\Delta S = 1.9' \quad Q = 375 \text{ gpm} = 16.9 \text{ m}^3/\text{min}$$

$$T = 2.303 S / (4.15 \Delta S)$$

$$2.303(50.24) / (4.15(1.9))$$

$$= 1.17 \text{ ft}^2/\text{min}$$

$$= 13,000 \text{ gpd}/\text{ft}$$

$$M = 54'$$

$$K = 0.03 \text{ ft}^2/\text{min} = 50 \text{ darcy} = 1836 \text{ ft}^2/\text{min}$$

$$\Delta S = \frac{2.17 - 5.0}{2} = 1.59' = 7.9'$$

200

150

100

50

20

10

5

2

1

0.5

0.2

0.1

0.05

0.02

0.01

0.005

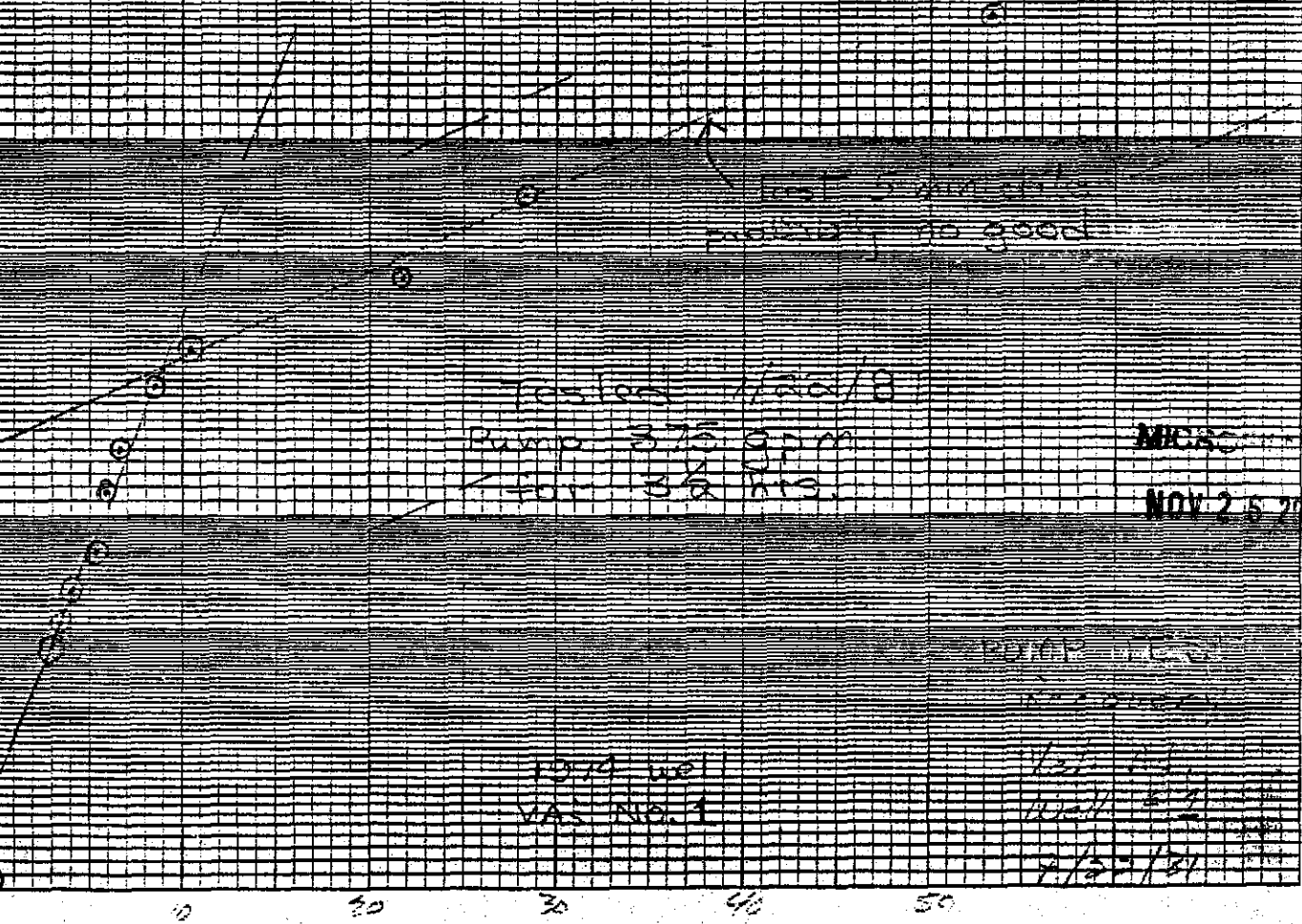
0.002

0.001

0.0005

0.0002

0.0001



t/t_1 (time)

C-1 / 1.5C x 1710 = T (± 10,000 - 13.5)
 For well drilled 1974
 (Current well #1, 8/81) WELL TEST

Date..... Aug 28, 1974.....
 Well..... VA No. 3.....
 Pumping Equipment..... Vertical turbine with rigid-
 angle gear drive - 168' setting.....
 Measuring Device..... S. pipe on 6" discharge - R.P. for casing 1.5' above
 ground surface

Time	Depth to Water	Manometer or Meter	Discharge	Remarks
0840 ± 62.5				Static water level
0850 5 ± 109.1		8 1/2 46.25	36	Clear
0852 7 115.0		11 53.25	412	Dusty
0855 10 119.0		11 58.25	412	Cloudy
0900 15 121.25		58.5		Cloudy
0905 20 122.3		11 59.55	412	Some cloud - no wind
0925 40 124.4		10 1/2 61.65	402	Clear
0935 50 124.9		10 1/2 62.15	402	Clear
0945 60 125.6		62.85		
0955 70 126.05		10 1/2 63.3	402	Clear
1025 100 126.5		10 1/2 63.85	397	80.5° F
1042 117 126.3		10 63.55	393	Clear

1043
 Increase in discharge

1	1644 119 ± 145	82.2	25	608	
2	45 120 ± 150	87.2	24 1/2	602	Cloudy
5	48 123 154.4	91.65	24	596	"
7	50 125 155.9	93.15	24	596	"
10	53 128 156.75	94.20	23 3/4	593	Adjusted to 25"

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ANDERSON & KELLY

CONSULTANTS IN ENGINEERING AND GEOLOGY

WELL TEST

[illegible]

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CONSULTANTS IN ENGINEERING AND GEOLOG

Static 68'

V.A. Rose

Time P.D. G.P.M. Remarks

8:10

1119 162-6" 24 1/2 162.5 94.5

11:30 163 1/2" 24 1/2 163.38

12:00 164 1/8" 24 164.75

12:15 165' 24 165.00

12:30 165 7/8" 23 1/2 165.58

12:45 165 11/16" 23 1/2 165.92

1:00 166 1" 23 166.08

1:30 167' 23 1/2 167.00

1:45 167' 23 588 167.00

2:30 getting air 23 583 slowed to 22"

2:45 167 1/6" 22 578

3:15 167 1/6" 22 570

3:45 167 1/6" 21 1/2 562

4:15 167 1/6" 21 1/2 562

4:45 167 1/6" 21 1/2 562

Recovery time

to 100' 1.40 (1 min 40 sec)

to 8.5' 7.00 (7 min)

8/29/74

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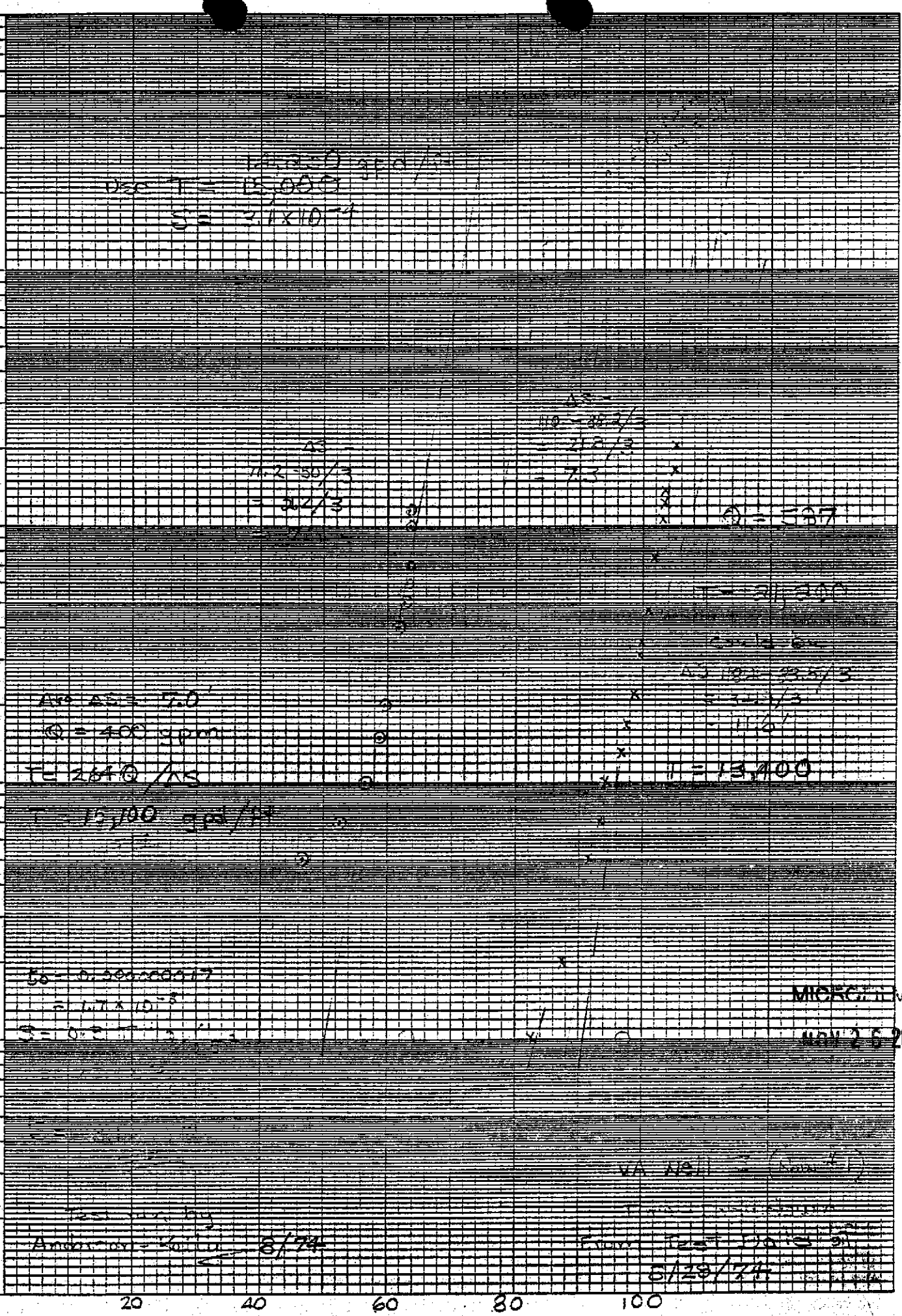
NOV 26 2003

167.5
163.5
169.5

195
135
330
530 3pm
163
609
100

46 6213

1
9
8
7
6
5
4
3
2
1000
9
8
7
6
5
4
3
2
100
9
8
7
6
5
4
3
2
10
9
8
7
6
5
4
3
2
1
0.1



GROUNDWATER THEORETICAL ANNALYSIS

Well #2

FILE: 63-10153

DATE: 9-11-01

BY: Daniel A. Nelson

THEORETICAL RATE OF FLOW: $Q = \frac{(8.8 \times (HP) \times (EFF.))}{TDH}$

- Q = CFS
- HP = Total Brake Horsepower of pumping plant (including booster)
- Eff. = Pumping plant efficiency (assume 70% or 0.70)
- TDH = Total dynamic head = [(LIFT) + (PSI X 2.31)]
- LIFT = Depth to water in FEET from land surface to pumping water level
- PSI = Pumping pressure measured in PSI near pump (if open discharge assume [0])

$$Q = \frac{(8.8) \times (20 HP) \times (0.70)}{[(80) + (40 \times 2.31)]} = \frac{123.2}{172.4} = 0.71 CFS$$

320 GPM

<u>LIFT FROM:</u>	<u>PSI FROM:</u>	<u>NOTES ON PUMP:</u>
Measurement ()	Measurement ()	Motor Make, Serial or ID
Owner (X)	Owner ()	
Area estimate ()	Estimate (X)	Pump Make, Serial or ID, rating
Well Logs ()	Owner Gage ()	
Booster (Y) (N)		

REMARKS: Theoretical matches
pump curve @ 320 gpm.

January 1, 1975

REPAIR PART

JACUZZI

BLDG # 77

Series S6X

SUBMERSIBLE TURBINES

Product No.	9261-3074	9261-3090	9261-3116	9261-3256	9261-3298
Model No.	10S6X2- T2/A	15S6X3- T2/A	20S6X4- T2/A	25S6X6- T2/A	30S6X7- T2/A
Elec. Motor	230/3/60	230/3/60	230/3/60	230/3/60	230/3/60
Ordering No.	9010-1635	9010-1650	9010-1676	9010-1692	9010-1726

Product No.	9261-3082	9261-3108	9261-3124	9261-3264	9261-3306
Model No.	10S6X2- T4/A	15S6X3- T4/A	20S6X4- T4/A	25S6X6- T4/A	30S6X7- T4/A
Elec. Motor	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60
Ordering No.	9010-1643	9010-1668	9010-1684	9010-1700	9010-1734

Horsepower Rating	10	15	20	25	30
-------------------	----	----	----	----	----

Key No.	Description	Qty.	Part No.	Part No.	Part No.	Part No.	Part No.
1	Bracket	1	02-0894-07	02-0894-07	02-0894-07	02-0894-07	02-0894-07
2	Coupling Assy	1	07-3661-07	07-3661-07	07-3661-07	07-3661-07	07-3661-07
3	Coupling Body	1	07-4588-02	07-4588-02	07-4588-02	07-4588-02	07-4588-05
4	Coupling Sleeve	1	07-4589-04	07-4589-04	07-4589-04	07-4589-04	07-4589-04
5	Coupling Disc	1	07-4591-00	07-4591-00	07-4591-00	07-4591-00	07-4591-00
6	Key	1	22-1694-03	22-1694-03	22-1694-03	22-1694-03	22-1694-03
7	Coupling Set Screws	2	14-0724-09	14-0724-09	14-0724-09	14-0724-09	14-0724-09
8	Flinger	1	08-0891-04	08-0891-04	08-0891-04	08-0891-04	08-0891-04
9	Flinger Set Screw	4	14-0041-05	14-0041-05	14-0041-05	14-0041-05	14-0041-05
10	Bearing Stage **	1	04-0724-09	04-0724-09	04-0724-09	04-0724-09	04-0935-06
11	Bearing Stage Bearing	1	08-0695-02	08-0695-02	08-0695-02	08-0695-02	08-0695-02
12	Bearing Stage Sand Cap	2	08-0697-00	08-0697-00	08-0697-00	08-0697-00	08-0697-00
13	Sand Cap Set Screws	4	14-0053-00	14-0053-00	14-0053-00	14-0053-00	14-0053-00
14	Impeller	*	05-1886-02	05-1886-02	05-1886-02	05-2220-05	05-2220-05
15	Taper Lock	*	14-0545-06	14-0545-06	14-0545-06	14-0545-06	14-0545-06
16	Bowl **	*	04-0625-01	04-0625-01	04-0625-01	04-0625-01	04-0625-01
17	Bowl Bearing	*	08-0656-09	08-0656-09	08-0656-09	08-0656-09	08-0656-09
18	Discharge Housing **	1	04-1017-05	04-1017-05	04-1017-05	04-1017-05	04-1017-05
19	Discharge Housing Bearing	1	08-0695-02	08-0695-02	08-0695-02	08-0695-02	08-0695-02
20	Plug 1 1/2"	1	31-0064-06	31-0064-06	31-0064-06	31-0064-06	31-0064-06
21	Discharge Flange	1	11-1003-02	11-1003-02	11-1003-02	11-1003-02	11-1003-02
22	Cable Shield	1	22-1785-03	22-1786-02	22-1787-01	22-1789-09	22-1790-06
23	Shield Screws	2	14-1329-06	14-1329-06	14-1329-06	14-1329-06	14-1329-06
24	Strainer Screen	2	30-0061-00	30-0061-00	30-0061-00	30-0061-00	30-0061-00
25	Screen Fasteners	4	14-1531-18	14-1531-18	14-1531-18	14-1531-18	14-1531-18
26	Shaft	1	07-4550-09	07-4551-08	07-4552-07	07-4554-05	07-4555-04
27	Motor Lead Assy	1	***	***	***	***	***
28	Plug 1/2"	2	31-0058-12	31-0058-12	31-0058-12	31-0058-12	31-0058-12
29	Cap Screws	*	14-1266-35	14-1266-35	14-1266-35	14-1266-35	14-1348-03
30	Motor Assy Nuts	4	N/A	N/A	N/A	N/A	N/A
31	Motor Assy Screws	4	14-1348-03	14-1348-03	14-1348-03	14-1348-03	14-1348-35
32	Motor Assy Washers	4	14-0723-00	14-0723-00	17-0723-00	14-0723-00	14-0723-00
33	Coupling O-Rings	1	47-0214-07	47-0214-07	47-0214-07	47-0214-07	47-0214-07
34	Bowl O-Rings	*	N/A	N/A	N/A	N/A	N/A MICROFILMED

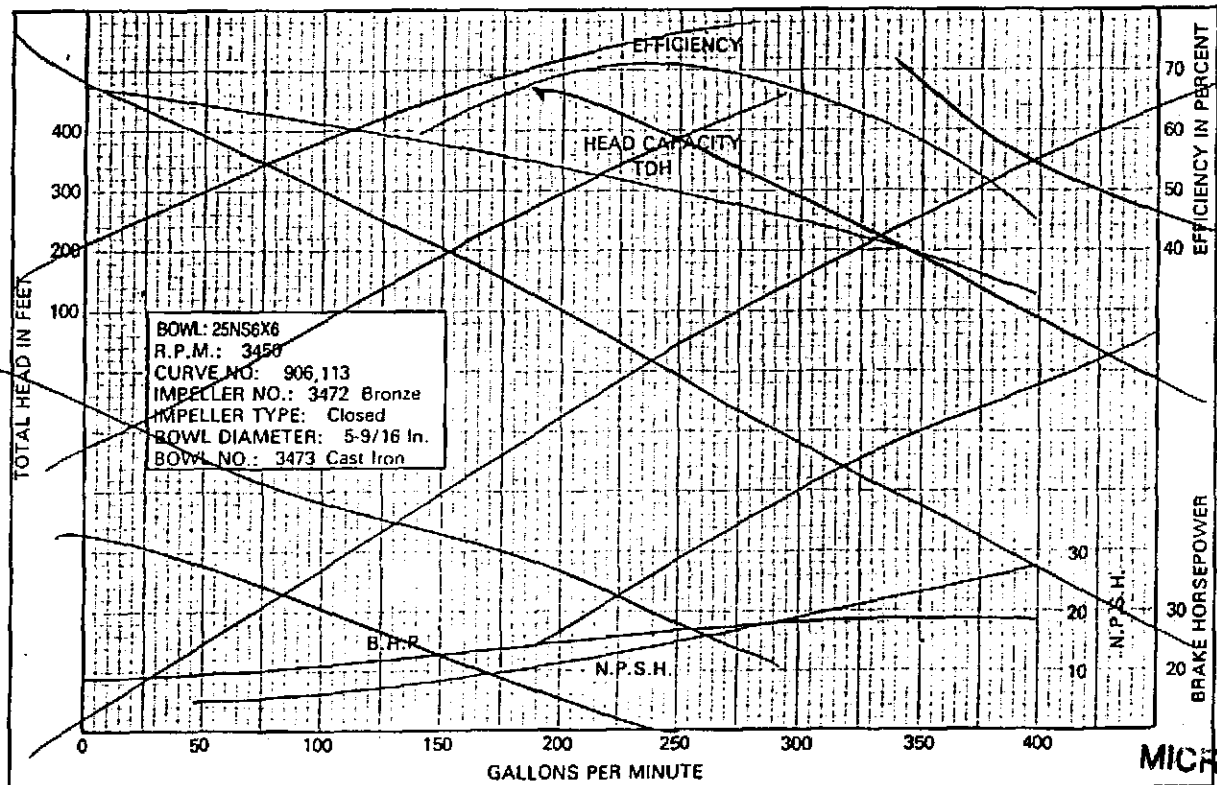
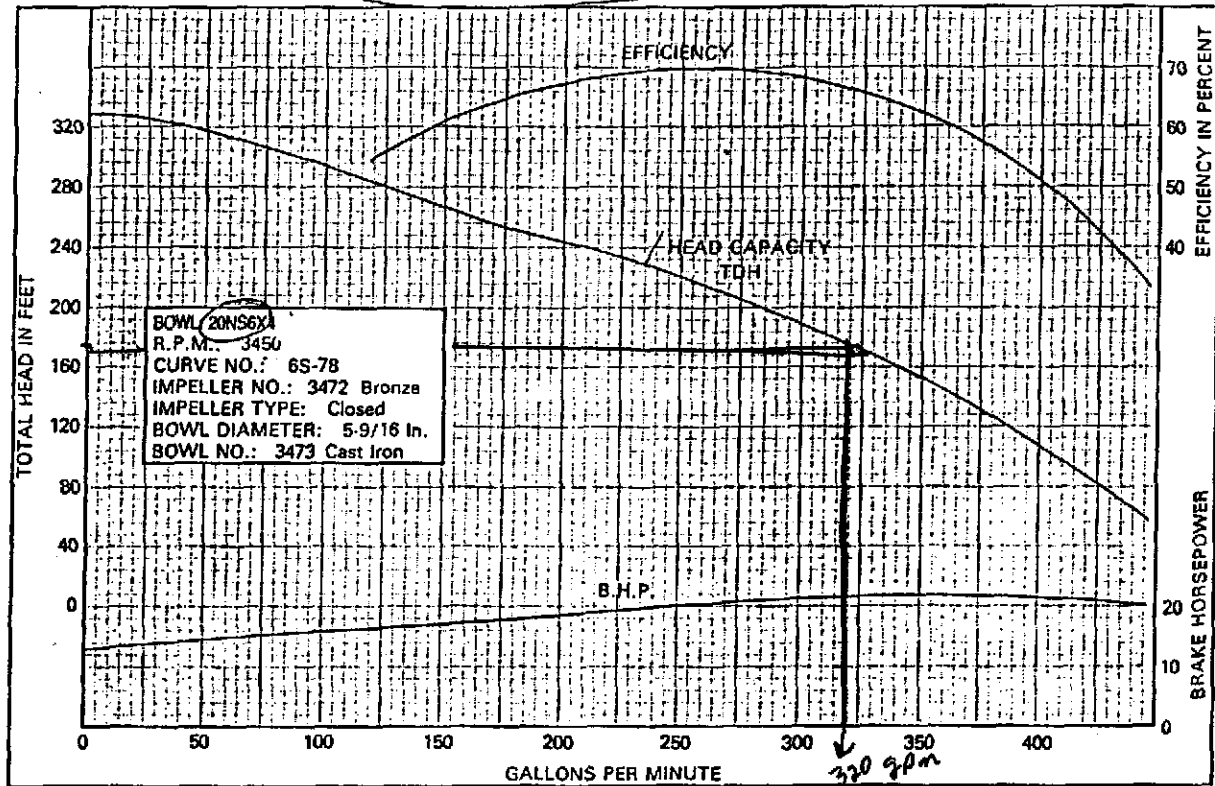
* Quantity varies with each model

** Ordering Number includes Bearing

*** Supplied with Motor

NOV 26 2003

6" SUBMERSIBLE TURBINES

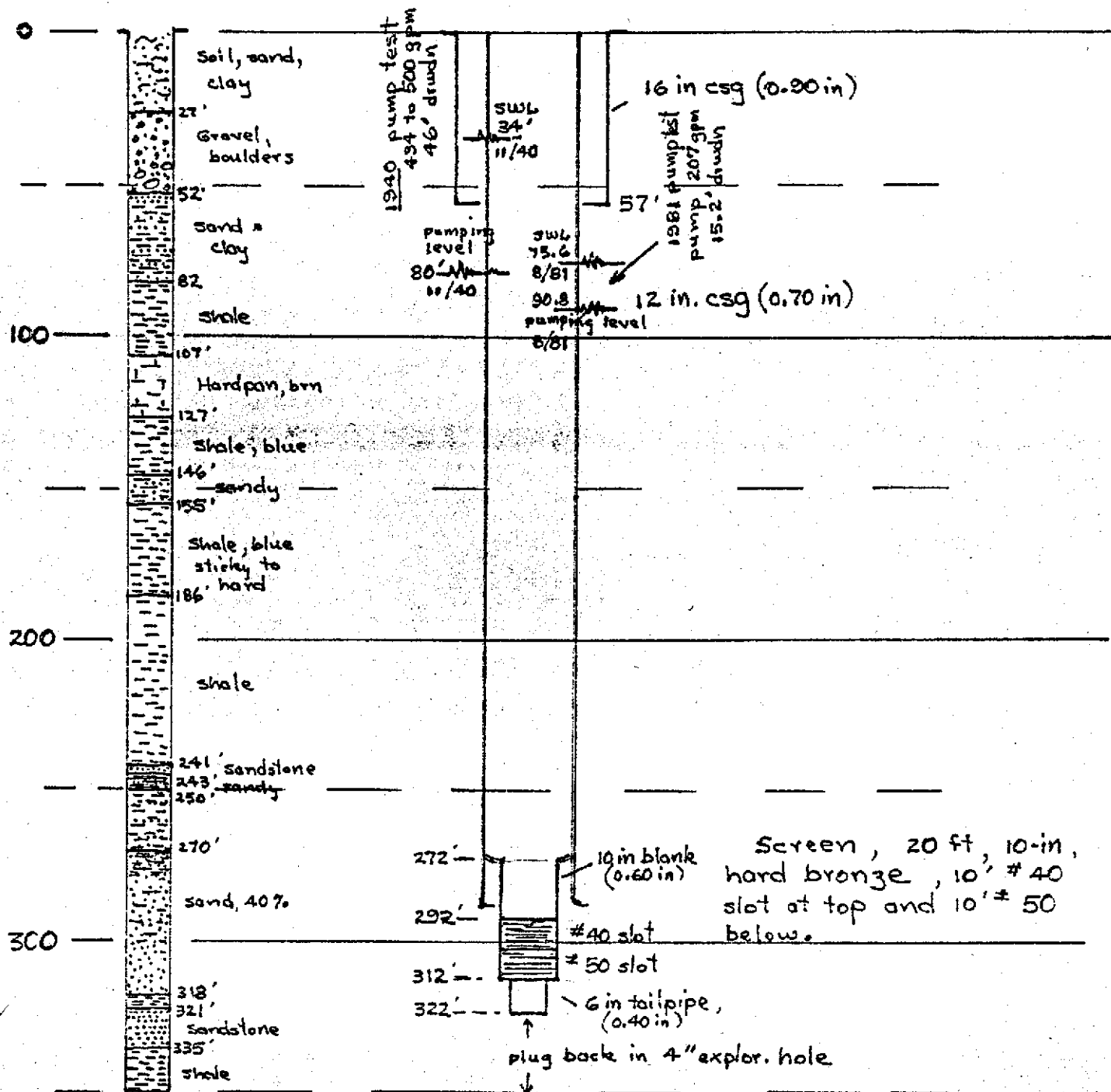


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BY G.I.H.	DATE 8/10/81	PROJECT Boise Veterans Admin.	SHEET ____ OF ____
CHKD BY	DATE	FEATURE Supply Wells	
DETAILS WELL NO. 2 3N/2E-2 cbc 2			

total Depth 350 ft
Drilled by John Cowe
9/3/40 - 12/4/40



Total depth
350'

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Data Summary

WELL NO. 2

Veterans Administration, Boise, Idaho

Well -- No. 2 , USGS ^{No.} 3N/2E-2CBC 2

Location -- About 1600 ft north , 500 ft east
of sw corner Sec 2 , T 3N , R 2 E .

Ground elev. -- about 2720 (topog. sheet)

Drilled -- Sept 3 to Dec. 4, 1940 by
John Cowe Drilling.

Hole size -- 16 in to 57 ft ; 12 in to 277 ft ;
4 in to 350 ft ; reamed hole 12 in
to 290 ft.

Casing -- 16 in to 57 ft ; 12 in to 290 ft ;
screen assembly from 272 ft to 322 ft.

Screen assembly -- 10 in headpipe 272-292 ft ;
silicon br-brass screen , No. 40 slot 292-302 ft and
No. 50 slot 302-312 ft ; 6 in tail pipe
312-322 ft. Specifications called for
lead swedge from 10 to 12 in casings.

Aquifer -- 41 ft sand-shale zone, 277-318 ft.

Transmissivity is about 37,000 gpd/ft.
Water chemistry -- Temp. 78°F , pH 7.9 , TDS 300,
bi-carbonate 92 , hardness (CaCO₃) 46 , Ca 13.6,
Mg 2.9 , Fe 0.09 , Mn 0 , Cl 6 , SO₄ 210,
nitrate 0.5 , F 1.5.

Work overs -- cleaned with acid between May
and July 1959 and 15 HP motor replaced
with 10 HP.

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2

Yield Tests

Discharge

<u>Date</u>	<u>SWL</u>	<u>Time Idle</u>	<u>Pumping Level</u>		<u>Hours Pumped</u>	<u>Dwdn</u>	<u>Spec. Gp.</u>
11/29/40	34	new well	300	80	17 hr	46	10.9
to	"	"	402	79	2 hr	43	-
12/1/40	"	"	434	79	11 hr	45	-
continuous	"	"	450	75	10.2	41	-
pumping	"	"	434	76	8	42	-
Averages:			459	78	48 ⁺	44	9.5
5/18-19/59	49.1	-	336	90.3	-	41.2	8.2
7/28/59	-	-	260	93.2	-	-	-
8/6/63	75	-	187	95	-	20	9.4
4/14/66	60	-	255	77	-	17	15.0
4/17/66	52	-	384	88	-	36	10.7
7/31/67	86	10 min	222	-	0.5	-	-
8/27/71	70.5	1/2 hr	144(?)	100	0.5	29.5	-
10/28/71	55	-	235	85	0.5	30	7.8
10/13/72	51	-	235	74	1	23	10.2
8/6/81	75.6	12 hrs	207	90.8	3	15.2	13.6
8/25/81				93.3	26	22.7	9.1

Selected Water Levels (below MP)

<u>Date</u>	<u>SWL</u>	<u>Pumping</u>
11/29/40	34	80
5/13/59	30 reported	-
5/13/59	60.3	-
5/18	50.1	-
5/19	-	91.4
3/28/60	56.5	

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8/6 /63	—	95	
4/14/66	60	77	
4/17	52	88	
10/28/71	55	85	
10/13/72	51	74	
7/16/81	—	86	airline
8/4/81	—	94.7	
8/6/81	75.6	90.8	idle 10 hrs, pumping 3 hrs
8/25/81	—	98.3	pumping 26 hrs

MICROFILM

NOV 26 2003

12/40

WELL DATA

Well cased 12" to 288'. Outside 16" casing to 57'.
 Top of screen at 292' with 10" pipe back to 272'.
 Bottom of screen at 312'.
 6" foot pipe extends to 322'.
 Screen in two sections, slotted #40 and #50, the finest slots
 in the section at the top.
 Static level of water in casing prior to placing of pump, 34'.

EQUIPMENT ON PUMPING TEST

Pump: 2 stage 10" turbine; belt driven.
 Power furnished by diesel tractor indirectly over pulley jack.
 Length of column to bowls, 80'-0".
 Suction pipe below bowls, 10'-0".
 Length of air line 90'-0".
 Altitude gauge reading 0 - 200 in graduations of 5' - 0".

Weir: "V" notched in box 2'x2'x10' placed at end of 40' ditch.
 Water wasted to Cruzen Canal.

start 330 PM

TEST DATA

	Hour	G.P.M.	Drawdown		Hour	G.P.M.	Drawdown
15	3:45	573.11	76'		9:15	500.86	80'
30	4:00	530.615	75'	360	9:30	483.35	
	4:15	483	74'		9:45	483.35	
60	4:30	483	74'		10:00	483.35	80'
	4:45	483			10:15	500.86	
	5:00	483		420	10:30	500.86	
	5:15	483	35 min		10:45	500.86	80'
120	5:30	483			11:00	500.86	
	5:45	483	74'	40'	11:15	500.86	
	6:00	483			11:30	500.86	
	6:15	483			11:45	500.86	
180	6:30	500.86	15 min		12:00	500.86	80'
	6:45	500.86			12:15	500.86	
	7:00	500.86	75' / 41'	540	12:30	500.86	
	7:15	500.86			12:45	500.86	
240	7:30	500.86			1:00	500.86	80'
	7:45	500.86			1:15	500.86	
	8:00	500.86		600	1:30	500.86	
	8:15	500.86			1:45	500.86	
300	8:30	500.86			2:00	500.86	80' 46'
	8:45	500.86			2:15	500.86	
	9:00	500.86		660	2:30	500.86	

3 hr
ave Q =
483.35

630

2 ft bowls
80 ft column
10 ft suction
92 intake

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NOV 26 2003

950
96
40
dd
cap
12.4

	Hour	G.P.M.	Drawdown		Hour	G.P.M.	Drawdown
	2:45	500.86			2:15	433.98	
	3:00	500.86	80'	1380	2:30	433.98	79'
	3:15	500.86			2:45	433.98	
7:20	3:30	500.86			3:00	433.98	
	3:45	500.86			3:15	433.98	
	4:00	500.86	80'	1440	3:30	433.98	
	4:15	500.86			3:45	433.98	
780	4:30	500.86			4:00	433.98	
	4:45	500.86			4:15	433.98	79'
	5:00	500.86	80'		4:30	433.98	
	5:15	500.86			4:45	433.98	
840	5:30	500.86			5:00	433.98	
	5:45	500.86			5:15	433.98	
	6:00	500.86	80'		5:30	433.98	
	6:15	500.86			5:45	433.98	79'
900	6:30	500.86			6:00	433.98	
	6:45	500.86			6:15	433.98	
	7:00	500.86	80'		6:30	433.98	
	7:15	500.86			6:45	433.98	
960	7:30	500.86			7:00	433.98	
	7:45	500.86		46'	7:15	433.98	79'
	8:00	500.86	80'		7:30	433.98	
	8:15	500.86			7:45	433.98	
1020	8:30	500.86	80'		8:00	433.98	
	8:45	500.86	80'		8:15	433.98	79'
	9:00	402.	79'		8:30	433.98	
	9:15	402	79'		8:45	433.98	
1080	9:30	402			9:00	433.98	79'
	9:45	402			9:15	433.98	
	10:00	402			9:30	433.98	
	10:15	402	79'	45'	9:45	433.98	
1140	10:30	402			10:00	450.14	75'
	10:45	402	79'		10:15	450.14	
	11:00	433.98			10:30	450.14	
	11:15	433.98			10:45	450.14	
1200	11:30	433.98			11:00	450.14	
	11:45	433.98			11:15	450.14	75' 41'
	12:00	433.98			11:30	450.14	
	12:15	433.98			11:45	450.14	
1260	12:30	433.98	79'		12:00	450.14	75'
	12:45	433.98			12:15	450.14	
	1:00	433.98			12:30	450.14	
	1:15	433.98			12:45	450.14	
1320	1:30	433.98			1:00	450.14	75'
	1:45	433.98			1:15	450.14	
	2:00	433.98			1:30	450.14	

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NOV 26 2003

Hour	G.P.M.	Drawdown
1:45	450.14	
2:00	450.14	75'
2:15	450.14	
2:30	450.14	
2:45	450.14	
3:00	450.14	75'
3:15	450.14	
3:30	450.14	
3:45	450.14	
4:00	450.14	75'
4:15	450.14	
4:30	450.14	
4:45	450.14	
5:00	450.14	75' 41'
5:15	450.14	
5:30	450.14	
5:45	450.14	
6:00	450.14	75'
6:15	450.14	
6:30	450.14	
6:45	450.14	
7:00	450.14	79' 45'
7:15	450.14	
7:30	450.14	
7:45	450.14	
8:00	450.14	
8:15	433.98	75'
8:30	433.98	75'
8:45	433.98	
9:00	433.98	

Hour	G.P.M.	Drawdown
9:15	433.98	
9:30	433.98	
9:45	433.98	
10:00	433.98	
10:15	433.98	
10:30	433.98	
10:45	433.98	
11:00	433.98	76' 42'
11:15	433.98	
11:30	433.98	
11:45	433.98	
12:00	433.98	
12:15	433.98	
12:30	433.98	
12:45	433.98	
1:00	433.98	
1:15	433.98	76' - 42'
1:30	433.98	
1:45	433.98	76'
2:00	433.98	
2:15	433.98	
2:30	433.98	
2:45	433.98	
3:00	433.98	
3:15	433.98	
3:30	433.98	
3:45	433.98	76' 42'

Recovery Levels

3:45	76
3:45.20	50 16
3:50	50 16
3:55	47 13
4:00	47 13
4:05	47 13
4:10	47 13
4:15	47 13
4:20	47 13
4:25	46 12
4:30	46 12
4:35	45 11
4:40	45 11
4:45	45 11
5:00	43 9
5:30	42 8
6:00	41 7
8:00	40 6
8:00 a.m.	37 3

gpm	min	
483 x	150	72450
501	870	435,870
402	120	48240
434	660	286,440
450	600	270,000
434	450	195,300
	2850	1308,300

ive 459 gpm

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NOV 26 2003

47.5 gpm

Level of water at commencement of pumping test, 34'-0".
Pumping test commenced at 3:30 p.m., November 29, 1940 and
concluded at 3:30 p.m., December 1, 1940.
Average temperature of water taken hourly, 78°.

Present Well Temp. 78° 6/2/41

PUMPING TEST FIELD DATA

PUMPED
Test Well VA Well 2
Observation Well _____
Radius _____ (Fe)

Test	Yield
1	100
2	100
3	100
4	100
5	100
6	100
7	100
8	100
9	100
10	100
11	100
12	100
13	100
14	100
15	100
16	100
17	100
18	100
19	100
20	100
21	100
22	100
23	100
24	100
25	100
26	100
27	100
28	100
29	100
30	100
31	100
32	100
33	100
34	100
35	100
36	100
37	100
38	100
39	100
40	100
41	100
42	100
43	100
44	100
45	100
46	100
47	100
48	100
49	100
50	100
51	100
52	100
53	100
54	100
55	100
56	100
57	100
58	100
59	100
60	100
61	100
62	100
63	100
64	100
65	100
66	100
67	100
68	100
69	100
70	100
71	100
72	100
73	100
74	100
75	100
76	100
77	100
78	100
79	100
80	100
81	100
82	100
83	100
84	100
85	100
86	100
87	100
88	100
89	100
90	100
91	100
92	100
93	100
94	100
95	100
96	100
97	100
98	100
99	100
100	100

Project

well in brk. bldg NW corner of tract

[illegible]

1
2
3
4
5
6
7
8
9

Recharge study
on 9/25/81
after pumping
26 hours was
38.3, 22.7' draw

7. 100^2

$Q = 207 \text{ gpm} = 27.7 \text{ ft}^3/\text{min}$

$AS = 4.5'$

$T = 2.503 Q / AS$

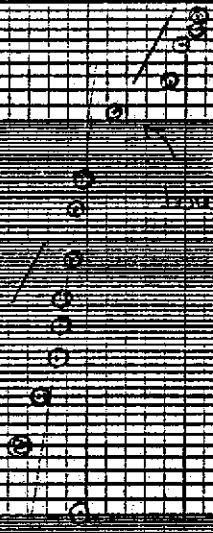
$T = 2.32 \text{ ft/min}$

$= \frac{36500 \text{ gpm}}{2.32}$

46 6213

10^3

TIME PUMPED (MIN)



possible
boundary condition

SEMI-LOGARITHMIC 5 CYCLES X 70 DIVISIONS
KEUFFEL & ESSER CO. MADE IN U.S.A.

10^{-5}

SEMI-LOG PLOT

TIME-DRAWDOWN
WELL NO. 2

DRAWDOWN (ft)

on 9/25/81
at Well #2
9/25/81

NOV 25 2002

GROUNDWATER THEORETICAL ANNALYSIS

Old well #1 FILE: 63-10153
 Now well #3 DATE: 9-11-01
 BY: Daniel A. Nelson

THEORETICAL RATE OF FLOW: $Q = \frac{(8.8 \times (HP) \times (EFF.))}{TDH}$

Q = CFS
 HP = Total Brake Horsepower of pumping plant (including booster)
 Eff. = Pumping plant efficiency (assume 70% or 0.70)
 TDH = Total dynamic head = [(LIFT) + (PSI X 2.31)]
 LIFT = Depth to water in FEET from land surface to puijping water level
 PSI = Pumping pressure measured in PSI near pump (if open discharge assume [0])

$$Q = \frac{(8.8) \times (10) \times (0.70)}{[(110.5) + (40 \times 2.31)]} = \frac{61.6}{202.9} = 0.30 \text{ CFS}$$

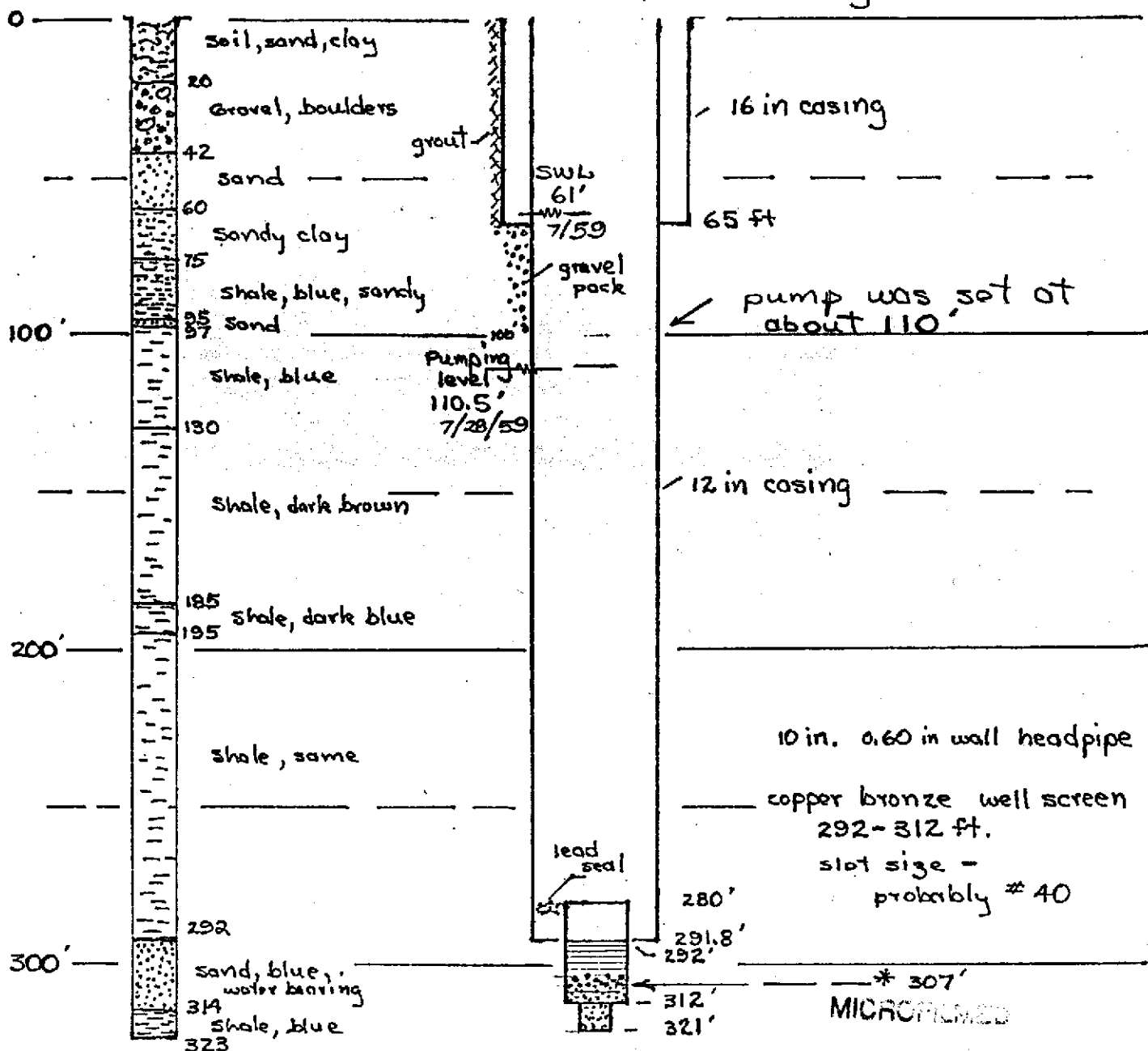
136 gpm

LIFT FROM:	PSI FROM:	NOTES ON PUMP:
Measurement ()	Measurement ()	Motor Make, Serial or ID
Owner (A)	Owner ()	
Area estimate ()	Estimate (X)	Pump Make, Serial or ID, rating
Well Logs ()	Owner Gage ()	
Booster (Y) (N)		

REMARKS: This Rate seems consistent
with the other pumps.

BY G. I. H.	DATE 8/10/81	PROJECT Boise Veterans Admin.	SHEET ____ OF ____
CHKD BY	DATE	FEATURE Supply Wells	
DETAILS old Well No. 1 (1931) 3N/2E-2 cbc 1			

Total Depth 323 ft.
Drilled by Jack Dir
commence drilling 1930
completed drilling Feb. 1931



Total Depth

NOV 26 2003

* Screen damaged or found damaged at 307 ft, and sand inflow, during work over of 1972. Back-filled with minus 3/4 in gravel 307 to 304 ft, leaving 12 ft screen open.

old Well #1

DATA SUMMARY
Well No. 1 (1931) Veterans Administration
Boise, Idaho

Well -- No. 1 (1931), USGS No. 3N/2E-2 cbc 1

Location -- About 1260 ft north, 365 ft east SW corner Sec. 2

Drilled -- USGS reports first drilled in 1920's to 175 ft and equipped with 4 in pump and booster. Redrilled or deepened by driller Jack Dir in 1930-31 to depth of 323 ft -- detailed driller's log available.

Hole size -- 16 in to 100 ft, 12 in to 314 ft, 6 in to 323 ft

Casing -- 16 in to 65 ft ^{and} grout sealed to surface, 12 in to ~~293.5~~^{291.8} ft, gravel packed 100 to 65 ft.

Screen assembly -- 10 in x 20 ft copper-lance screen w/ 9 ft of 6 in tailpipe and 12 ft of 10 in headpipe welded with lead seal into 12 in casing. Top of headpipe reported at 280 ft by driller Wayne Stevens during workover in March, 1972.

10 in blank casing 280 to 292 ft

10 in screen 292 to 312 ft (slot size unknown)

6 in blank casing 312 to 321 ft

Aquifer -- 22 ft of blue sand, 292-314 ft.

Water chemistry -- (ave. two or more analyses) Temp. 70°F, pH 6.2

TDS 402, turbidity 4.3, color < 5, alkalinity (CaCO₃) 188, ammonia 3.15, Ca 64, Cl 14, hardness 191, nitrate ±, surfactants < 0.02, Mg 9.6, Si 25, SO₄ 161, F 0.22.

MICRONIZED

NOV 26 2003

As 0.01, Ba < 0.1, Cd < 0.001, Cr < 0.01, Cu 0.003, Fe 0.75, Pb 0.02, Mn < 0.01, Hg < 0.005, K 0.5, Se < 0.01,

Ag < 0.001, Na 70.0, Zn 0.030.

Workovers -- July 17, 1959 well cleaned, new pump installed.

February-March 1972. In December 1971 planned to pull copper-bronze screen, clean out well and install stainless steel screen, treat well with acid, overhaul pump and chime and restore with 100 ft of column. Driller, Wayne Stevens reported March 1972 unable to pull screen assembly, screen damaged and inflow of sand from about 307 ft -- stabilized by backfilling with minus 3/4 in gravel 304-307 ft. Reported pumping muddy water, 3/15/72.

Yield Tests --

Date	Length Test	Q gpm	SWL	Pumping Rate	Dwdn.	Sp. Cap.
2/18-20/31	48 hrs	292-340.5	—	—	—	—
8/6/63	—	160	75	120	45	3.6
4/14/66	6 hours	158	65	100+	35+	4.5
4/17/67	—	220	53	90	37	5.9
7/31/67	1/2 hr	176	—	—	—	—
7/27/71	1/2 hr	94.7	—	—	—	—
10/28/71	1/2 hr	191	35	83	48	4.0
5/18-19/59	—	226	36.4	86.4	50	4.5
7/28/59	—	188	61.0	110.5	43.5	3.8
7/31/59	valved back to prevent sucking air	—	—	—	—	—
1/-/72	1/2	181	35	30	45	4.0
3/15/72	—	212	38	93	55	3.9

water muddy on 3/15/72 test.

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NOV 25 2003

Water levels, Micro.

Date	Static water level (ft)	Pumping level (ft)	Q gpm
Fall, 1940	30	—	—
Fall, 1958	30	—	—
5/13/59	—	89.92	—
5/15	40.83	—	—
5/18	36.39	36.4	226
7/28	61.0	110.5	128
7/31	—	sucking air	—
4/28/60	40.71	—	—
3/6/63	75	120 ?	160
4/14/66	65	100 ⁺	153
4/17	53	90	220
7/11	65	100	155
8/27/71	—	100	95
10/28/71	35 (idle 48 hrs)	83	91
1/10/72	35	80	91
2/3/72	37.74	—	—
3/15/72	38	93	212
8/15/72	—	110	104
8/21/72	60	—	—
10/6/72	52	—	idle 48 hrs.
1974	Probably unused after completion of a new well #1 (37-)		
8/12/74	78	—	—
8/2/77	70	?	—
7/16/81	59 airline	—	—
7/22	54.7	—	—
8/4	62.4	—	—
8/6	55.8	—	—
8/25	65.2	—	—

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NOV 26 2003

pump idle

Two wells pumping

Two wells pumping

Interference --

From Well 2 located about 375 ft northeast.

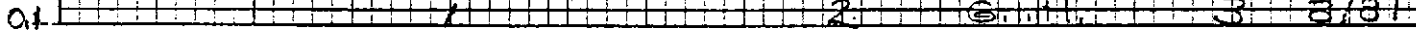
In 1972, pumping Well 2 for 2 hrs resulted in a 3 ft decline of water level in

subject well.

new August 4, 1981 when Well 2 and new Well No. 1 (1974) both pumping, water level ^{in subject well} was at 62 ft, 7 ft below static level when wells idle on 8/6/81. New well No. 1 (1974) is located about 60 ft west of old Well No. 1

During a 3-hour pump test of Well No. 2, 8/6/81, pumping 186 gpm, and new Well No. 1 (1974) pumping 330 gpm intermittently, the water level in subject well declined 2.6 ft.

New Well No. 1 (1974) is constructed in a manner that allows flows of unknown amount from the upper aquifer (299-354 ft) to enter new Well No. 1 between ^{the} 16 in casing set at 203 ft and 10 in liner, top at 171 ft. While pumping Well No. 1 (1974) for 3 hours at 370 gpm 7/22/81, the static water level in old Well No. 1 declined 3.8 ft.



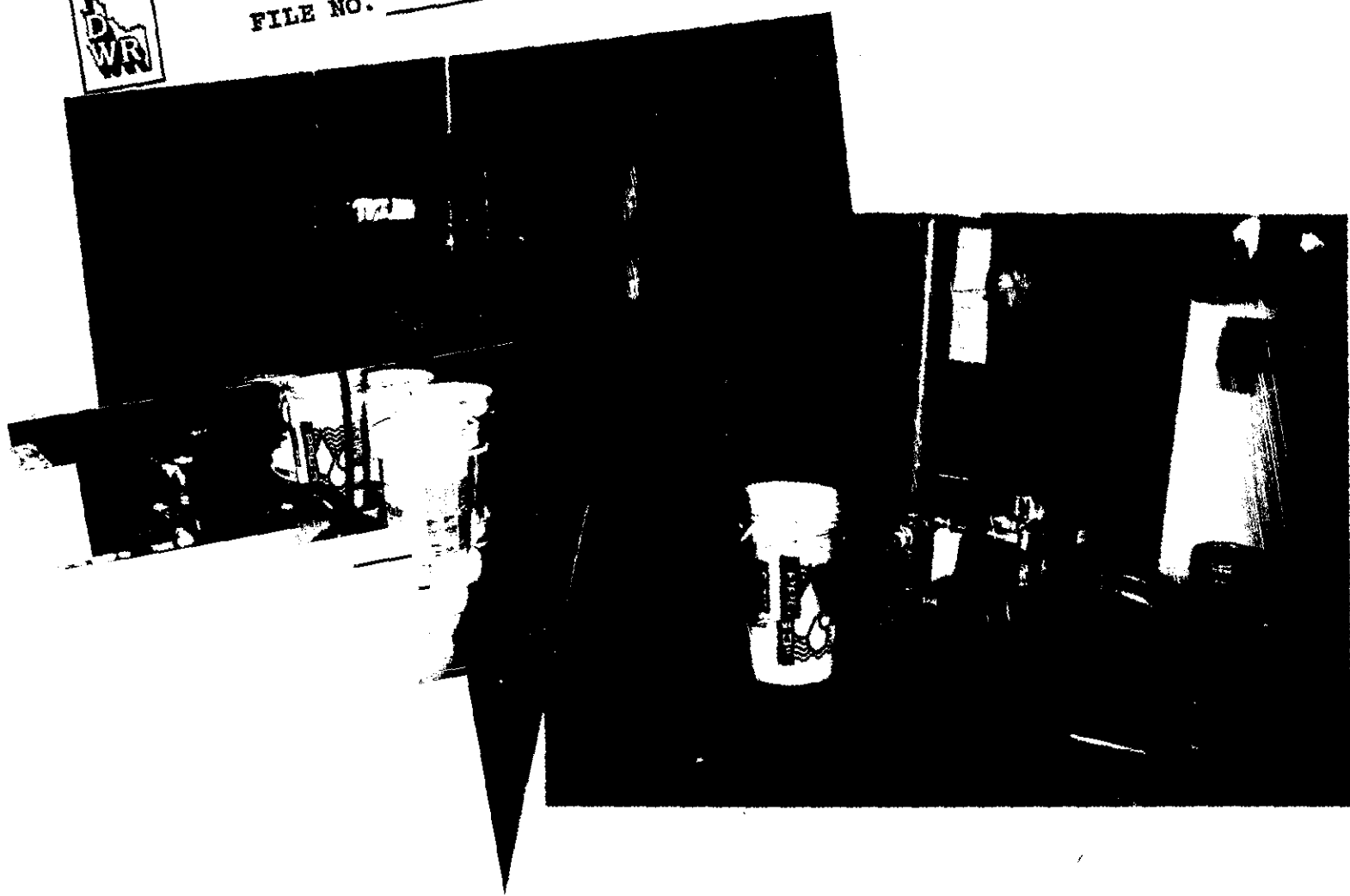


PHOTOGRAPHER AND DATE OF PHOTOS

DAN NELSON 8-9-2001

FILE NO.

63-10153

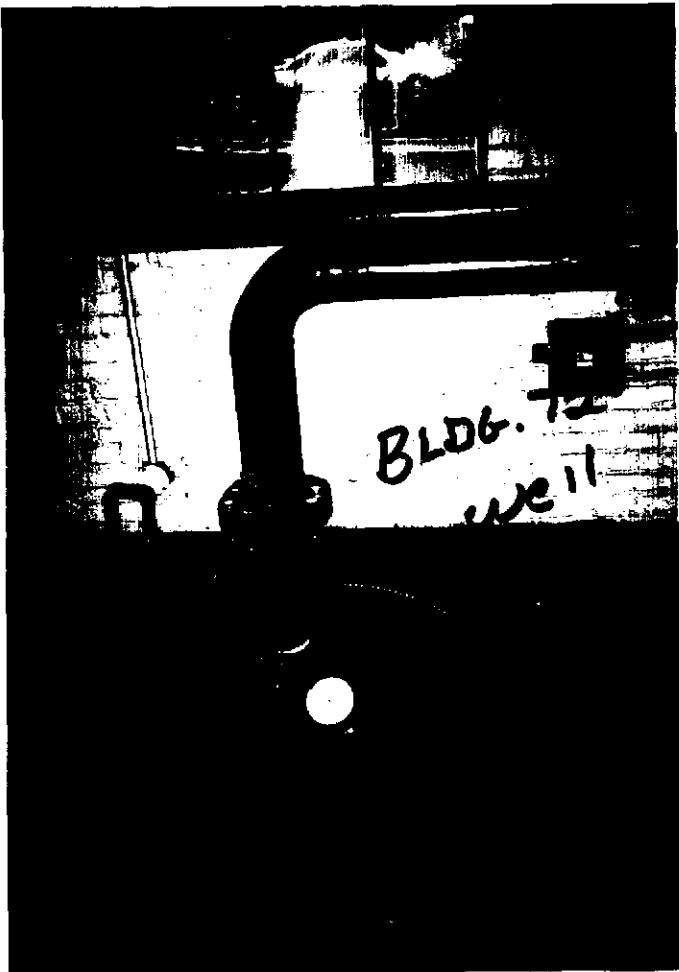


This is a photo of the inside of Building 2. Water comes in from 40,000 gallon aeration pump and is pumped to the 450,000 gallon Reservoir. The booster pumps are 20HP General Electric Johnson pumps. 1



PHOTOGRAPHER AND DATE OF PHOTOS DAN Nelson 8-9-2001

FILE NO. 63- 10157



← This is a
photo of
well #2.

IT is located
in Building
72 on map.



This is
where United
Water enters
into Building
46.

MICHAEL J. NELSON

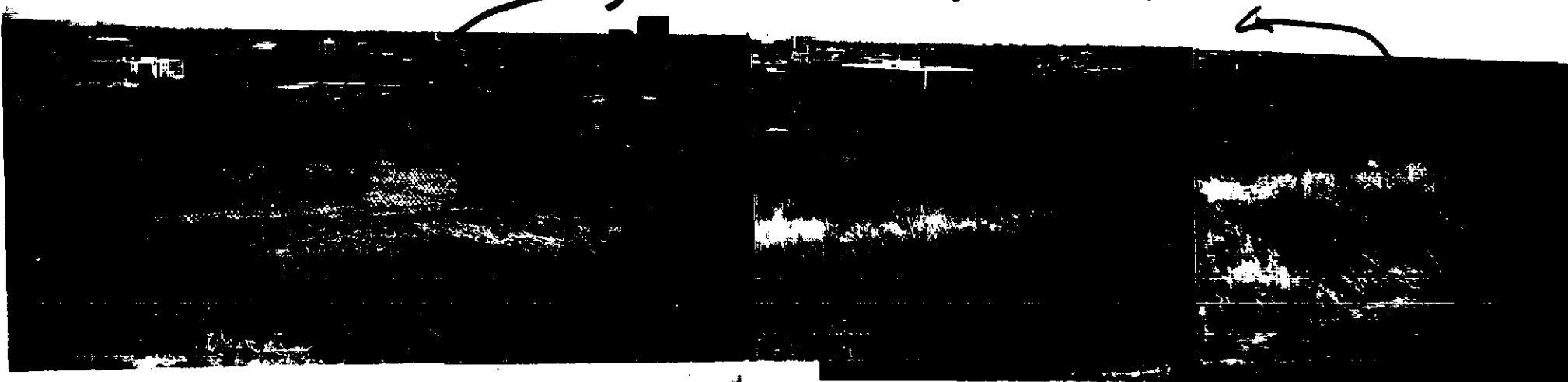
SEP 29 2001



PHOTOGRAPHER AND DATE OF PHOTOS DAN Nelson 8-9-2001

FILE NO. AND LEGAL DESCR. 63-10153

HOSPITAL GROUNDS



41
This a PHOTO OF THE
HOSPITAL GROUNDS ON
THE HILL BY STORAGE TANK.

450,000 STORAGE TANK or
RESERVOIR.

**PHOTOGRAPHER AND DATE OF PHOTOS**

DAN Nelson

8-9-2001

FILE NO. AND LEGAL DESCR.	DATE	INITIALS	REMARKS
100-361101-100	10-1-68	WJH	100-361101-100
100-361101-101	10-1-68	WJH	100-361101-101
100-361101-102	10-1-68	WJH	100-361101-102
100-361101-103	10-1-68	WJH	100-361101-103
100-361101-104	10-1-68	WJH	100-361101-104
100-361101-105	10-1-68	WJH	100-361101-105
100-361101-106	10-1-68	WJH	100-361101-106
100-361101-107	10-1-68	WJH	100-361101-107
100-361101-108	10-1-68	WJH	100-361101-108
100-361101-109	10-1-68	WJH	100-361101-109
100-361101-110	10-1-68	WJH	100-361101-110
100-361101-111	10-1-68	WJH	100-361101-111
100-361101-112	10-1-68	WJH	100-361101-112
100-361101-113	10-1-68	WJH	100-361101-113
100-361101-114	10-1-68	WJH	100-361101-114
100-361101-115	10-1-68	WJH	100-361101-115
100-361101-116	10-1-68	WJH	100-361101-116
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100-361101-123	10-1-68	WJH	100-361101-123
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100-361101-125	10-1-68	WJH	100-361101-125
100-361101-126	10-1-68	WJH	100-361101-126
100-361101-127	10-1-68	WJH	100-361101-127
100-361101-128	10-1-68	WJH	100-361101-128
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100-361101-130	10-1-68	WJH	100-361101-130
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100-361101-155	10-1-68	WJH	100-361101-155
100-361101-156	10-1-68	WJH	100-361101-156
100-361101-157	10-1-68	WJH	100-361101-157
100-361101-158	10-1-68</		

63-10153



These are PHOTOS OF
Well #1 and it's Relationship
TO THE Aeration TANK,
~~an~~ Building #2, and
The Geothermal Injection
Well.

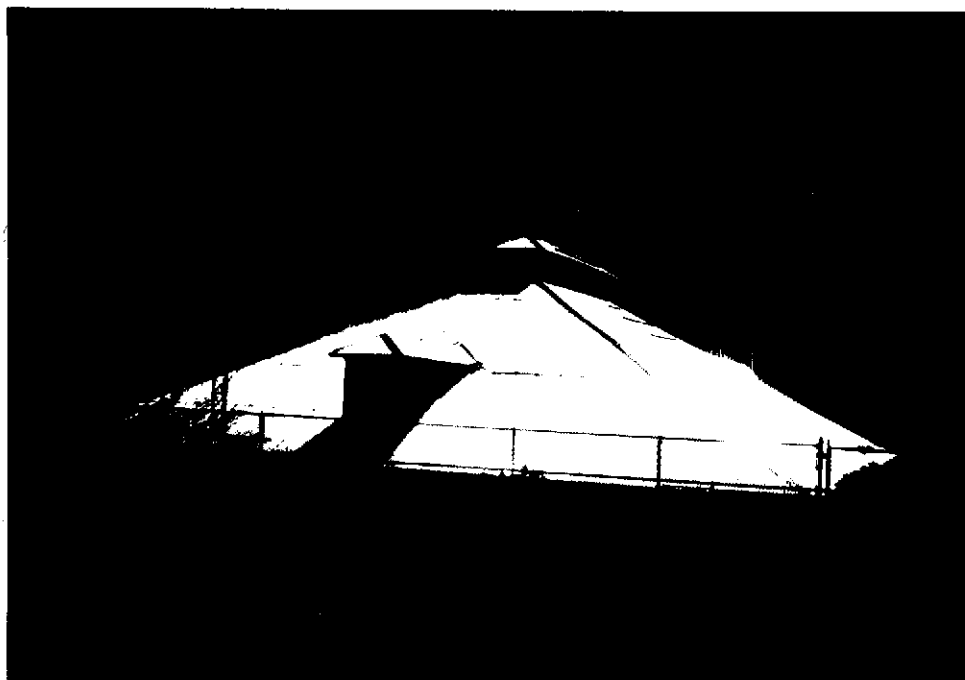


PHOTOGRAPHER AND DATE OF PHOTOS Cindy Hodges 5-30-1986

FILE NO. 63-10153



- Well #1
Before submersible
pump was
installed.



450,000 gallon
STORAGE TANK

MICHAEL...

APR 2 1988

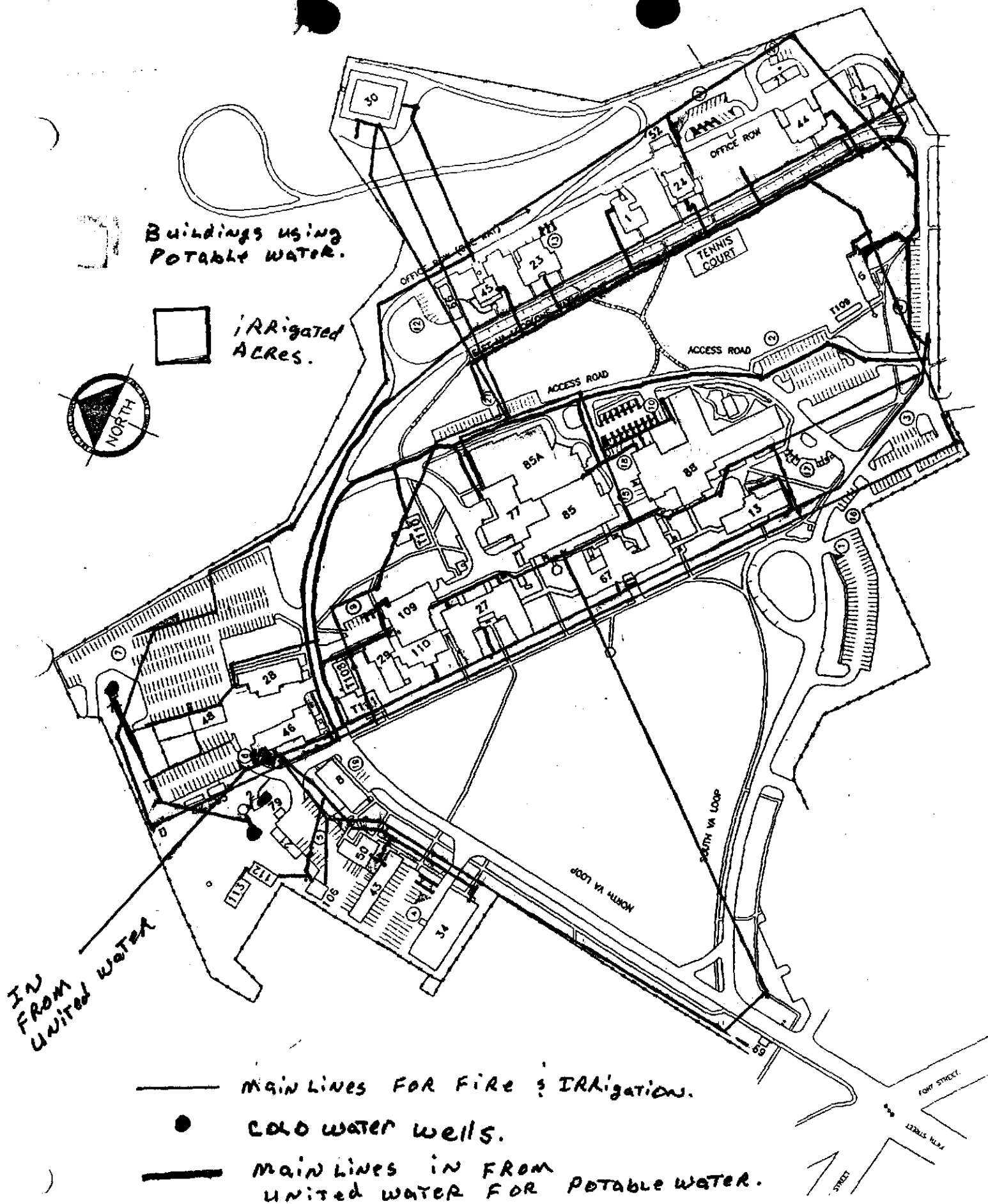
FIELD NOTES

PERMIT NUMBER 63-10153

PLEASE NOTE: These documents are for backup purposes only and are not apart of actual Beneficial Use Field Report.

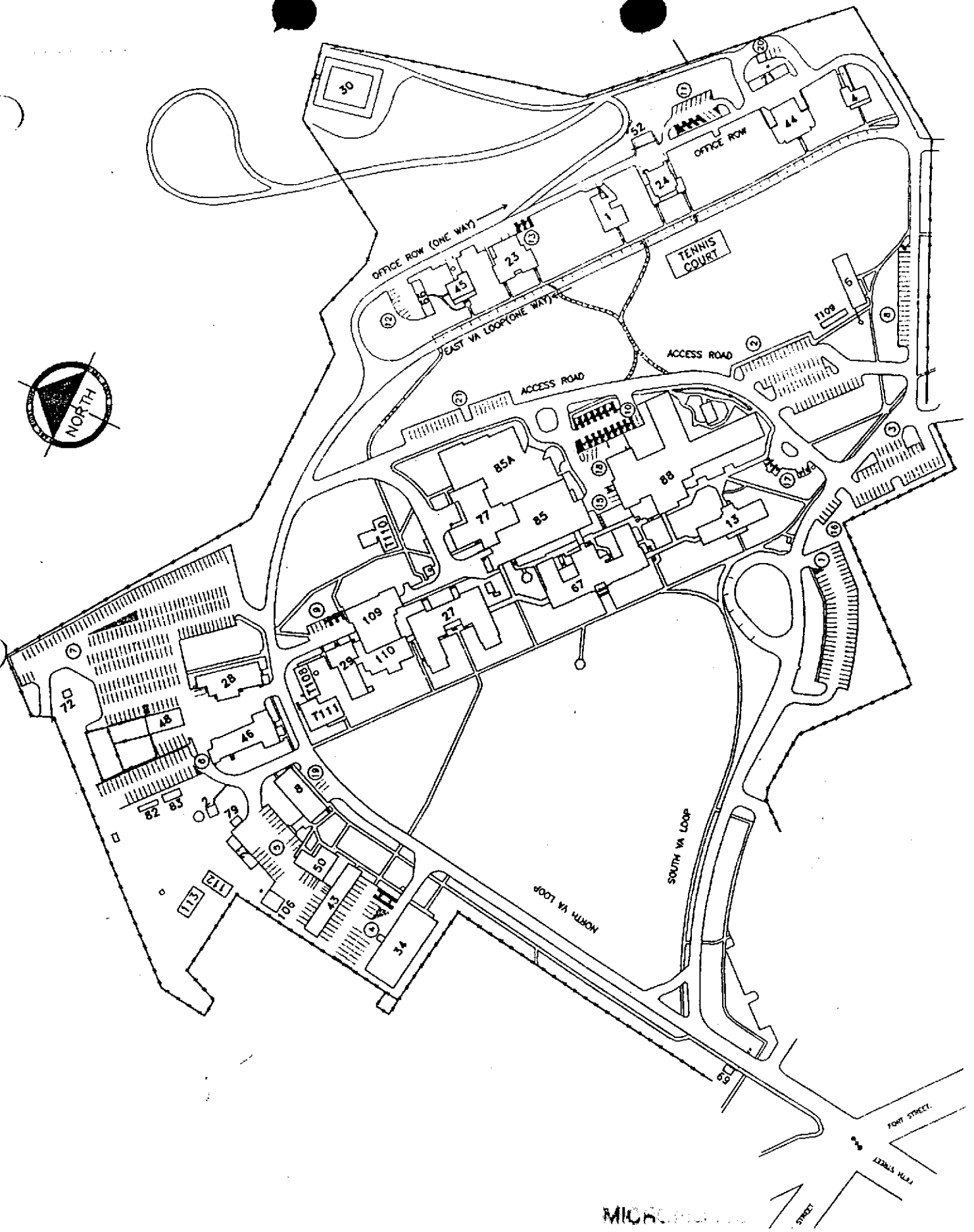
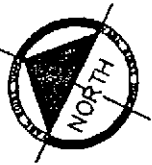
MICHAEL J. BROWN

NOV 24 2009



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JUN 2 1987



MICROFILM

APR 9 8 2022

OLD well #1 Now #3
(NOT USED)

MOTOR US MOTORS
10HP
1184500

Pump JAN-4738 JOHNSON

BOOSTER #1
GENERAL ELEC
20HP

USJ 724294
3" OUTFLOW

~~PUMP MAKE UNKNOWN~~
JOHNSON JO3293

BOOSTER #2

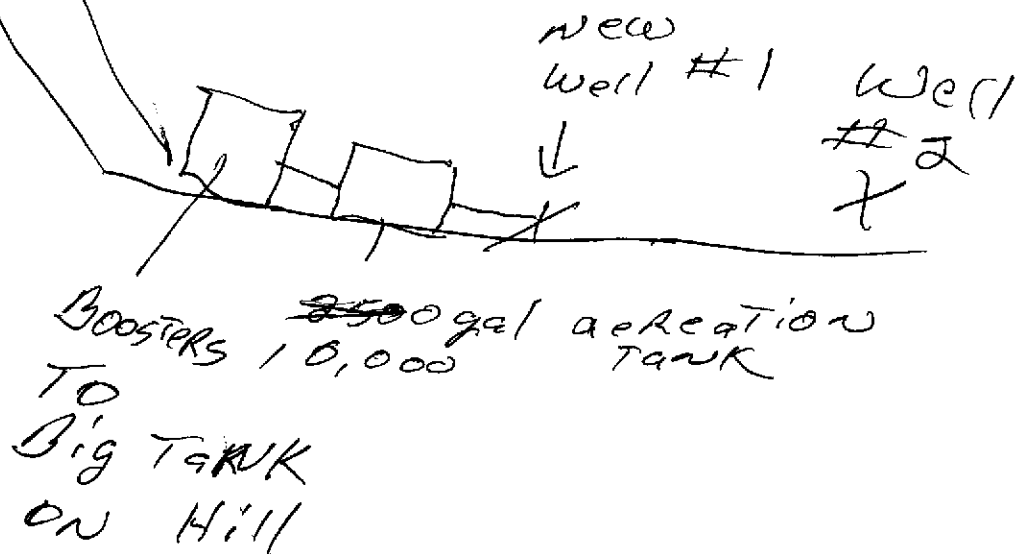
GE
USJ 724293

MICRO-3000

REV 2.0 2002

~~3" OUTFLOW~~
~~UNKNOWN PUMP~~
JOHNSON JO3294

250,000 gal



MICROFILM

1971 2 18 2003

well # 2

E 0006167

WATER
TANKS
AND
40,000 gal
+
450,000
gal

MICROFILM

DATE 11/1/88

Need to check
will log you
swr & do theoreti-
cal. Call Carter
about his findings.
Pictures mounted
Aerial photo &
new exam form
& analysis sheet
completed. Tops
filled out

MICROFILM....

W. H. 1000

Well # 3 pumps water ^{via a 4" then 6" mainline} into a 30,000 gal Aeration tank ~~and~~ where booster pumps (2 20-hp) pump water up in ~~two~~ 8" lines to ~~the~~^a 450,000 gallon storage tank above hospital. Once boosters shut-off after reaching 70 psi, this allows water to then gravity feed back down to hospital & irrig. system on a demand basis. Approx. 1,400 ft to storage tank with a 162' ~~to~~ ^{ft}. Well #1's 1+2 also pump into this system. Well #3 was drilled to supplement the decreased output in Well #1. ~~& for more water~~

5/30/86 - No. M.D. reg'd.

Assisted by Paul Behrman

No Overlapping water rights other than the U.A.'s Claim Nos. 5220 & 5221.

MICROFILMED

NOV 2 8 2003

USE TYPEWRITER OR
BALL POINT PEN

State of Idaho
Department of Water Administration
WELL DRILLER'S REPORT

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

*Received
12-1-74
DWR*

1. WELL OWNER Name <u>Veterans Administration</u> Address _____ Owner's permit No. _____		7. WATER LEVEL Static water level <u>31</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																																																																																																																	
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe method of abandoning) _____		8. WELL TEST DATA ☒ Pump ☐ Bailer ☐ Other Discharge G.P.M. <u>550</u> Draw Down <u>170</u> Hours Pumped <u>8</u>																																																																																																																	
3. PROPOSED USE ☐ Domestic ☐ Irrigation ☐ Test ☐ Other (specify type) _____ ☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection		9. LITHOLOGIC LOG <table border="1"><thead><tr><th rowspan="2">Hole Diam.</th><th colspan="2">Depth</th><th rowspan="2">Material</th><th colspan="2">Water</th></tr><tr><th>From</th><th>To</th><th>Yes</th><th>No</th></tr></thead><tbody><tr><td>16</td><td>0</td><td>25</td><td>Top soil</td><td></td><td></td></tr><tr><td></td><td>25</td><td>58</td><td>gravelly sandstone</td><td></td><td></td></tr><tr><td></td><td>58</td><td>74</td><td>finely blue clay</td><td></td><td></td></tr><tr><td></td><td>74</td><td>150</td><td>blue clay</td><td></td><td></td></tr><tr><td></td><td>150</td><td>185</td><td>sandy blue clay</td><td></td><td></td></tr><tr><td></td><td>185</td><td>190</td><td>blue shale</td><td></td><td></td></tr><tr><td></td><td>190</td><td>240</td><td>blue clayey clay</td><td></td><td></td></tr><tr><td></td><td>240</td><td>255</td><td>16" pipe down 20 ft.</td><td></td><td></td></tr><tr><td></td><td>255</td><td>299</td><td>blue clay</td><td></td><td></td></tr><tr><td></td><td>299</td><td>324</td><td>sandy shale</td><td></td><td>some</td></tr><tr><td></td><td>324</td><td>332</td><td>blue clay</td><td></td><td></td></tr><tr><td></td><td>332</td><td>345</td><td>shale</td><td></td><td></td></tr><tr><td></td><td>345</td><td>354</td><td>sandy shale</td><td></td><td>some</td></tr><tr><td></td><td>354</td><td>395</td><td>blue clay</td><td></td><td></td></tr><tr><td></td><td>395</td><td>427</td><td>blue clay</td><td></td><td></td></tr><tr><td></td><td>427</td><td>461</td><td>some white bearing</td><td></td><td></td></tr><tr><td></td><td>461</td><td>474</td><td>blue clay</td><td></td><td></td></tr></tbody></table>		Hole Diam.	Depth		Material	Water		From	To	Yes	No	16	0	25	Top soil				25	58	gravelly sandstone				58	74	finely blue clay				74	150	blue clay				150	185	sandy blue clay				185	190	blue shale				190	240	blue clayey clay				240	255	16" pipe down 20 ft.				255	299	blue clay				299	324	sandy shale		some		324	332	blue clay				332	345	shale				345	354	sandy shale		some		354	395	blue clay				395	427	blue clay				427	461	some white bearing				461	474	blue clay		
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4. METHOD DRILLED ☒ Cable ☐ Rotary ☐ Dug ☐ Other																																																																																																																			
5. WELL CONSTRUCTION Diameter of hole <u>16</u> inches Total depth <u>474</u> feet Casing schedule ☒ Steel ☐ Concrete Thickness _____ Diameter _____ From _____ To _____ feet <u>375</u> inches <u>16</u> inches <u>2</u> feet <u>300</u> feet _____ inches _____ inches _____ feet _____ feet _____ inches _____ inches _____ feet _____ feet _____ inches _____ inches _____ feet _____ feet _____ inches _____ inches _____ feet _____ feet Was a packer or seal used? ☒ Yes ☐ No Perforated? ☐ Yes ☒ No How perforated? ☐ Factory ☐ Knife ☐ Torch Size of perforation _____ inches by _____ inches Number _____ From _____ To _____ _____ perforations _____ feet _____ feet _____ perforations _____ feet _____ feet _____ perforations _____ feet _____ feet Well screen installed? ☒ Yes ☐ No Manufacturer's name <u>Johnson</u> Type <u>slotted</u> Model No. _____ Diameter of slot size <u>35</u> Set from <u>428</u> feet to <u>454</u> feet Diameter _____ Set from _____ feet to _____ feet Gravel packed? ☒ Yes ☐ No Size of gravel <u>1/8"</u> Placed from <u>474</u> feet to <u>180</u> feet Surface seal depth <u>24</u> Material used in seal <u>Cement grout</u> ☒ Pudding clay ☐ Well cuttings Sealing procedure used ☒ Sherry pit ☐ Temporary surface casing ☐ Overbore to seal depth																																																																																																																			
6. LOCATION OF WELL Sketch map location must agree with written location. <table border="1"><tr><td>N</td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td>W</td><td></td><td></td><td></td><td>E</td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table> Subdivision Name _____ Lot No. _____ Block No. _____ MICRO _____ County <u>Ada</u> 1 SW 1/4 SW 1/4 Sec. 2 T. 3 N. 2 E.		N										W				E											10. Work started <u>April 74</u> finished <u>Sept 74</u>																																																																																								
N																																																																																																																			
W				E																																																																																																															
		11. DRILLERS CERTIFICATION Firm Name <u>Russell Cove Drilling</u> No. <u>65</u> Address <u>Boise</u> State <u>Idaho</u> Signed by (Firm Official) <u>Russell Cove</u> and _____ Operator _____																																																																																																																	

RECEIVED

OCT - 2-2001

ROUTING SLIP

63-10153

DISTRIBUTION	PROVIDED FOR YOUR:	
DATE: 9/14/01	INFORMATION	
TO: WATER ALLOCATIONS KARILYNN TOWNSEND AND THEN TO KAY WALKER	COMMENTS	
FROM: DANIEL A. NELSON WESTERN REGION	APPROVAL	YES
	SIGNATURE	
SPECIAL NOTES: Kay this is one of the OLDIE files that need to be licensed as soon as possible for the Adjudication folks. Thank you Dan Nelson Western		

MICROFILMED

OCT 26 2001

4/86

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
EXAMINATION FEE INFORMATION

For Office Use Only
Fee Received \$100.00
Date 5/8/86
Receipt # 40283
Receipt by JD
Sent to S.O. 5/13/86

KEYPUNCHED

1. Permit No. 63 - 10153

ONE OF THE FOLLOWING BOXES SHOULD BE MARKED TO DESIGNATE YOUR CHOICE:

☒ I choose to have the department make the field examination of this permit; attached is the examination fee. (If this box is marked, complete items 1 thru 8.)

2. Permit Holder: VETERANS ADMINISTRATION MEDICAL CENTER

3. Post Office Address: 500 WEST FORT STREET. BOISE, IDAHO 83702-4598

Telephone No. 336-5100

4. Source of Water: Ground Water

5. Extent of Use:

Domestic 14 (No. of households) Stockwater (No. and type of stock)

Irrigation 21 (acres) Other/Remark Medical Center hospital and support buildings (222 operating beds)

6. Total rate &/or volume for which proof is submitted 0.7cfs 1.4 acre-feet

7. Show the date water was first diverted and beneficially used under this permit:

1974

8. Person to contact to accompany the department representative during the field examination:

Joseph Braun

(Name)

(Same) Bldg. 50

(Address)

338-7270

(Telephone Number)

☐ I choose to have the field examination conducted by a certified water right examiner. Attached is a statement from the certified examiner I have selected verifying that he has been retained to conduct the examination. (If this box is marked, complete items 1 thru 7.)

May 7. 1986

Date

JAMES A. McCLAIN
JAMES A. McCLAIN, CHIEF, ENGINEERING SERVICE

Permit Holder (and title, if appropriate)

NOV 26 2003



State of Idaho

DEPARTMENT OF WATER RESOURCES

STATE OFFICE, 450 W. State Street, Boise, Idaho

JOHN V. EVANS

Governor

A. KENNETH DUNN

Director

63-10153
VETERANS ADMINISTRATION MEDICAL CE
C/O ENGINEERING SERVICE
5TH & FORT STS.
BOISE, ID 83702

Mailing address:

Storehouse

Boise, Idaho 83720

138053

April 30, 1986

CERTIFIED MAIL

EXAMINATION FEE NOTICE

Dear Permit Holder:

Department records show that proof of beneficial use has been submitted for the above-referenced permit, but that a field examination has not yet been conducted to determine the extent of beneficial use of the water for licensing purposes.

House Bill 671 (effective April 4, 1986) enacted by the 1986 Idaho Legislature requires the payment of a fee before this department can conduct the field examination needed to issue a license confirming use of water under the permit. This letter is notification that the license examination fee is due within sixty (60) days of the date of this letter. The examination fee information sheet (enclosed) must be returned with the fee.

As an alternative to submitting the fee, the department will accept a field examination report completed by a certified water right examiner from the private sector. If you choose to have the examination done by a certified water right examiner, you need not submit the license examination fee to the department, but you must within sixty (60) days of the date of this letter return to the department, the examination fee information sheet showing appropriate information together with a statement from the certified examiner to verify that you have retained a certified examiner to conduct the field examination. If you choose this alternative, a completed field examination report must be submitted within one year of the date of this letter. You cannot later change your decision to use this alternative and submit the fee needed for the department to conduct the field examination, but you may change to another certified examiner.

Certified water right examiners are licensed engineers, geologists, or land surveyors certified by the department to conduct water right examinations. The procedure for certifying examiners results from the recently enacted HB 671 and is being developed. A listing

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of certified water right examiners will be available from this department when examiners have been certified.

If your permitted use, in fact, has already been examined by the department and you have not asked to have the examination repeated, the fee requirement is not applicable to your permit. If you believe this is the case, please contact the department.

The license examination fee is to be based on the amount of water you indicate you have developed, as listed in item 6 on the examination fee information sheet. The amount of water on which the examination fee is based can be less than the permitted amount, if less water has been diverted and beneficially used. The licensed amount of water, however, will not exceed the amount you claim on the examination fee information sheet. The enclosed license examination fee schedule shows a listing of applicable fees.

FAILURE TO SUBMIT WITHIN THE SIXTY (60) DAY PERIOD, THE FEE OR THE STATEMENT THAT A CERTIFIED EXAMINER HAS BEEN RETAINED TO MAKE THE FIELD EXAMINATION, WILL BE CAUSE TO ADVANCE THE PRIORITY OF THE PERMIT ONE DAY FOR EACH DAY THAT THE FEE SUBMITTAL IS LATE.

FAILURE TO SUBMIT THE FEE OR THE COMPLETED FIELD EXAMINATION REPORT WITHIN A YEAR WILL BE CAUSE TO CONSIDER THE PROOF OF BENEFICIAL USE TO BE INCOMPLETE AND TO LAPSE THE PERMIT.

The attached examination fee information sheet and the fee may be submitted to the following department offices.

Northern Region

Idaho Dept. of Water Resources
4055 Government Way
Coeur d'Alene, ID 83814
Phone: 765-4639

Eastern Region

Idaho Dept. of Water Resources
150 Shoup Ave., Suite 15
Idaho Falls, ID 83401
Phone: 525-7161

Southern Region

Idaho Dept. of Water Resources
1041 Blue Lakes Blvd. North
Twin Falls, ID 83301
Phone: 734-3578

Western Region

Idaho Dept. of Water Resources
450 W. State St., (Third Floor)
Boise, ID 83720
Phone: 334-2190

Sincerely,



L. GLEN SAXTON
Chief, Operations Bureau

Enclosures

MICROFILMED

NOV 26 2003

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Western Region

Statehouse
Boise, Idaho 83720
(208) 334-2190

APRIL 25, 1984

VETERANS ADMINISTRATION MEDICAL CENTER
5TH FORT ST.
BOISE ID 83702

RE: Permit No. 63-10153

Dear Permit Holder:

We acknowledge receipt of your statement submitted as proof of beneficial use for the above referenced permit.

Before a license can be issued, a field examination must be made by a representative of this department.

A field examiner will contact you to arrange to examine your system.

If you have any questions regarding the field examination, please contact this office by phone at 334-2190 or in person in the third floor State Towers Building, 450 West State Street, Boise.

Sincerely,
s/Judy Pense
Secretary

MICROFILMED

NOV 26 2003

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

STATEHOUSE
BOISE, IDAHO 83720
(208) 334-4440

VETERANS ADMINISTRATION MEDICAL CENTER
C/O ENGINEERING SERVICE
5TH & FORT STS.
BOISE, ID 83702

OCTOBER 25, 1983

RE: PERMIT NO. 63-10153

DEAR PERMIT HOLDER:

ENCLOSED IS A COPY OF YOUR APPROVED APPLICATION FOR PERMIT. WE DIRECT YOUR ATTENTION TO THE CONDITIONS OF APPROVAL ON THE FOURTH PAGE.

PLEASE BE ADVISED THAT NUMEROUS PRIOR APPLICATIONS FOR PERMIT HAVE BEEN FILED TO APPROPRIATE WATER FROM YOUR SOURCE, TO BE USED ON DESERT LAND ENTRY AND/OR CAREY ACT LANDS. DEVELOPMENT OF THESE WATER RIGHTS IS CURRENTLY PREVENTED BY THE U.S. BUREAU OF LAND MANAGEMENT. HOWEVER, IF THE LANDS ARE RELEASED FOR DEVELOPMENT, THE ASSOCIATED WATER RIGHTS WILL RECEIVE WATER PRIOR TO YOUR WATER RIGHT ENCLOSED. THEREFORE BE SURE TO ANALYZE THE FUTURE IMPACT OF THESE RIGHTS BEFORE MAKING A MAJOR INVESTMENT IN A WATER SUPPLY SYSTEM.

WE HAVE ENCLOSED INSTRUCTIONS ENTITLED "MAKING PROOF OF BENEFICIAL USE". PLEASE READ THE INSTRUCTIONS CAREFULLY SINCE YOU MUST TAKE FURTHER ACTION TO DEVELOP THIS PERMIT. ALSO ENCLOSED FOR YOUR CONVENIENCE IS THE STATEMENT OF BENEFICIAL USE POSTCARD THAT MUST BE SUBMITTED WHEN YOUR PROJECT IS COMPLETED.

SINCERELY,

DAVID R. TUTHILL, JR., P.E.
SUPERVISOR, WATER ALLOCATION SECTION

ENCLOSURE

State of Idaho
Department of Water Resources

APPLICATION FOR PERMIT ANALYSIS SHEET

INITIAL REVIEW BY: Dr. Jan J. Jovan APPLICATION NUMBER: 63-10153
CHECK:

- ☒ Source.
☒ Point of diversion.
☒ County.
☒ Quantity of water and period of use.
☒ Description of diverting works.
☒ Time required for beneficial use of water.
☒ Place of use or acres irrigated.
☒ Map.
☒ Signature.
☒ Fee.
☐ Yes ☒ No Field check required.
☐ Yes ☒ No Critical groundwater area.
☐ Yes ☒ No Request dam safety information. Sent by: _____ Date: _____
☐ Yes ☐ No* In form to receipt.

Field check by: _____

Date: _____

Comments: _____

*REQUEST THE FOLLOWING ADDITIONAL INFORMATION FROM THE APPLICANT: _____

SEND COPIES TO:

- ☒ Idaho State Health Department.
☐ Idaho Fish and Game Department.
☐ Idaho Department of Lands.
☐ U.S. Bureau of Land Management.
☐ U.S. Forest Service.
☒ Other _____

Copies sent by: _____ Date: _____

PROCESSING:

- ☐ Yes ☒ No Platted by: _____ Map No. _____
☐ Yes ☒ No Other rights on same place of use. NONE FOUND
☒ Yes ☐ No* In form for advertising. 9/17/83
Final date for protests: _____
☐ Yes ☐ No Protests received. If yes, record information on 4th page of application.

FINAL REGIONAL PROCESSING REVIEW:

- ☒ Affidavit of publication received. Date: 9/12/83
☒ Application published correctly. If not, record action taken: _____
☒ Fee amount, receipt date & number, recorded on application. 4500 6/23/83 31124
☒ Publication dates and paper, recorded on application. Id Statesman 9/12, 9/18/83 KB
☒ Protests, dates, withdrawal, etc., recorded on application.
☒ Recommendation & initial, recorded on application.
☐ Yes ☒ No Measuring device required.
☒ Yes ☐ No Access port required.
☐ Yes ☒ No Will water be delivered by watermaster? If yes, what district? _____
6/23/83 Date of priority recommended.
Special conditions of approval or cover letter. I.P. GW letter

By: DBS Date: 9/19/83

STATE OFFICE REVIEW:

☐ See attached sheet for more information.
By: FW Date: 10/13/83

63-10153

VETERANS ADMINISTRATION MEDICAL CENTER

C/O ENGINEERING SERVICE, 5TH & FORT STS., BOISE, ID 83702

Source: GROUNDWATER

Date Filed: 06/23/1983

Diversion Pt: SWSW Sec 02 T 03N R 02E

Use: IRRIGATION	(0.60 CFS)
IRRIGATION STORAGE	(1.4 AF)
IRRIGATION FROM STORAGE	(1.4 AF)
INDUSTRIAL	(0.10 CFS)

In: NWSW SWSW SESW Sec 02 T 03N R 02E SESE Sec 03 T 03N R 02E NENW NWNW
Sec 11 T 03N R 02E FOR 33 ACRES

RECEIVED
JUL 1 1983