

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

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

CIVIL CASE NUMBER: 39576

Ident. Number 63-5220
Date Received: ~~4/30/2004~~ 5-21-04
Receipt No:
Received By:

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

RECEIVED
MAY 21 2004
WATER RESOURCES
WESTERN REGION

1. Name of Claimant(s)

VETERANS ADMINISTRATION MEDICAL CENTER Phone: (208) 422-1000

C/O ENGINEERING SERVICE
500 W FORT ST
BOISE ID USA 83702-4598

2. Date of Priority: 01/01/1920

3. Source: GROUND WATER Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of 1/4 of 1/4 Lot	County	Type
03N	02E	2	NW SW	ADA	

5. Description of diverting works:

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or) A.F.A
IRRIGATION	03/15	11/15	0.66	
IRRIGATION STORAGE	01/01	12/31		1.4
IRRIGATION FROM STORAGE	03/15	11/15		1.4
DIVERSION TO STORAGE	03/15	11/15	0.66	

7. Total Quantity Appropriated is:
0.66 C.F.S.

8. Total consumptive use:

9. Non-irrigation uses:

10. Place of use:

Township	Range	Section	1/4 of 1/4	Lot	Use	Acres	
03N	02E	2	NW	SW	IRRIGATION	2	
			SW	SW	IRRIGATION	25	
			SE	SW	IRRIGATION	3	
			Section Acres				30
03N	02E	3	SE	SE	IRRIGATION	1	
			Section Acres				1
03N	02E	11	NE	NW	IRRIGATION	1	
			NW	NW	IRRIGATION	1	
			Section Acres				2
			Total Acres				33

11. Place of use in counties: ADA

12. Do you own the property listed above as place of use? Yes

13. Other Water Rights Used:

14. Remarks:

Industrial and Domestic was not claimed as listed on the original statutory claim as the water is not being used for those purposes anymore (csaxton 4/30/04).

Original Statutory claim placed Point of Diversion in the SWSW of section 2. After meeting with Doug Lamb, it was determined that the actual location of the POD is NWSW of Section 2. (csaxton 4/30/04)

Original well assumed to be drilled in 1920, however no longer in use. A replacement well was drilled in 1974 and original well was abandoned. (csaxton 4/30/04).

15. Basis of Claim: Beneficial Use

16. Signature(s)

(a.) By signing below, I/We acknowledge that I/We have received, read and understand the form entitled "How you will receive notice in the Snake River Basin Adjudication." (b.) I/We do _____ do not X wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments: 15

For Organizations:

I do solemnly swear or affirm that I am Medical Center Director of _____ Title

Boise VA Medical Center, that I have signed the foregoing Organization

document in the space below as Medical Center Director of Title

Boise VA Medical Center and that the statements contained in the Organization

foregoing document are true and correct.

[Signature]
Signature of Authorized Agent

Boise VA Medical Center Director
Title and Organization

5/7/04
Date

State of Idaho)
County of Ada) SS.

Subscribed and sworn (or affirmed) before me this

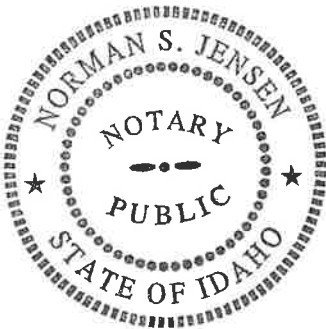
of May 2004

7th day
Norman S. Jensen

Notary Public

Residing at Boise, Idaho

My commission Expires 01/19/06

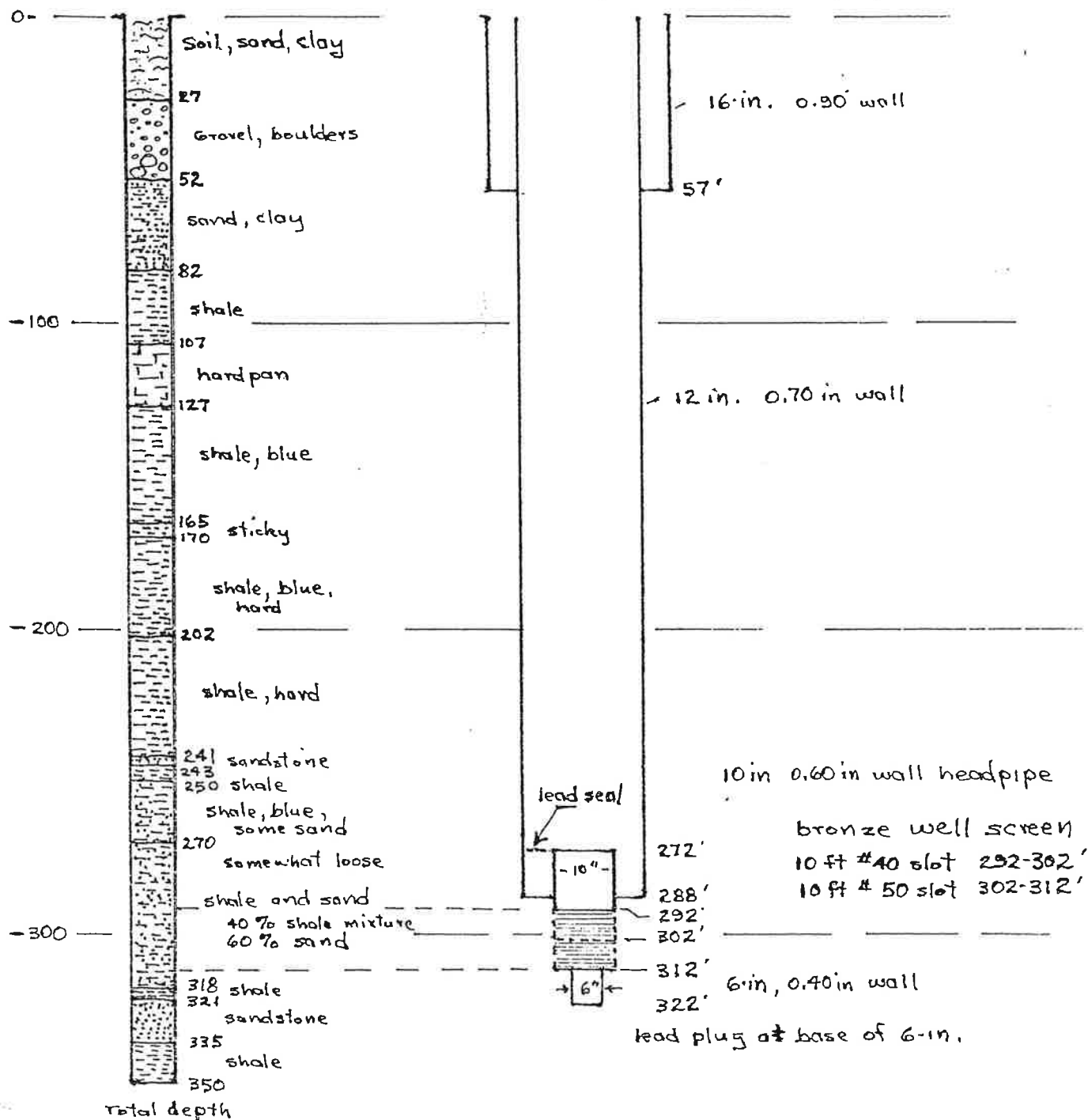


COMPUTATION SHEET

U.S. Government Printing Office: 1977-717-651

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 & Son
 Commence drlg. 9/3/40
 Completed drlg. 11/18/40



WELL NO. 2

DATA SUMMARY
Well No. 2 (1940) Veterans Administration
Boise, Idaho

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

Location -- About 90 ft. east, 168.0 ft north SW corner Sec 2

Drilled -- Completed ^{December 2, 1940} by John Cowe Drilling. USGS
obtained driller's log from County files with VA
permission. Hole depth, 350 ft.

Hole size -- 16" in to 57 ft, 12" in to 290 ft, 10" in
to 312 ft, 4 in to 350 ft.

Casing -- 16 in to 57 ft, 12 in to 288 ft,
10 in screen assembly to 312 ft. with 6 in
tailpipe to 322 ft.

Screen Assembly -- 10 in x 19.5 ft ^{red} silicon brass
screen with 6 ft of 10 in headpipe and
10 ft of 6 in tailpipe. Lead packer swedge 10 in to 12 in

10 in blank casing	272 - 292 ft
10 in screen	292 - 312 ft (10 ft No 40, 10 ft No 10)
6 in blank casing	312 - 322 ft

Aquifer -- 41 ft of shaley blue sand, 277-318 ft

Water chemistry -- ave. two or more analyses) Temp. 78.4°F,
pH 7.8, TDS 271, alkalinity (CaCO₃) 90, Ca 19.8,
Cl 6.5, hardness 66, nitrate 0.3, Mg 2.9, SO₄ 143,
F 2.5, Mn 0, Fe 0.08.

Workovers --

July 23-25, 1959, ^{well} chemically rejuvenated and new 10 HP
motor installed replacing 15 HP motor.

Yield Tests --

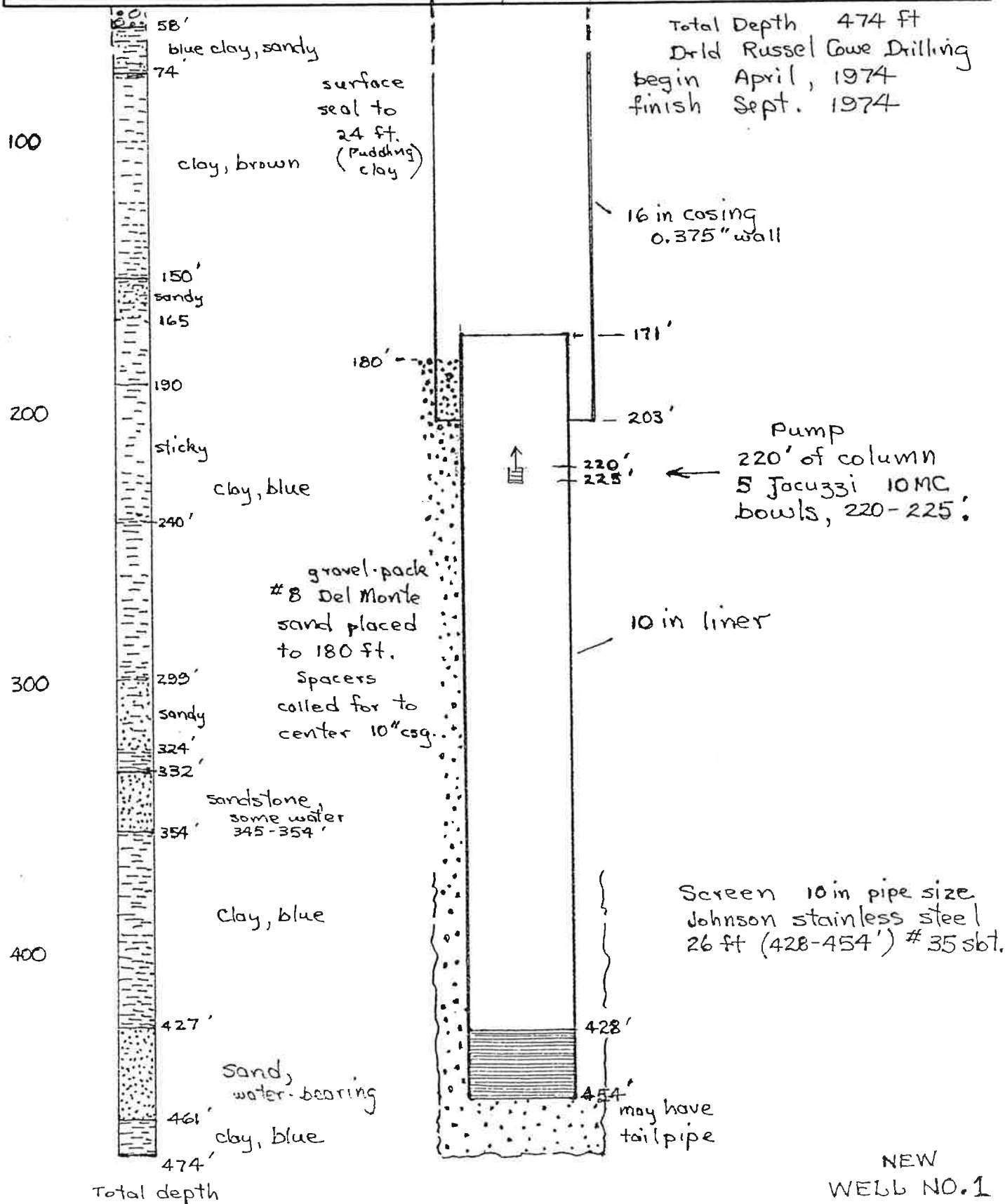
Date	length of Test (hours)	Q(gpm)	SWL	Pumping Level	Dwdn	Spec. Cap.
11/29/40	2 1/2	483	34	74	40	12.1
to	14 1/4	501	-	80	46	10.9
12/1/40	2	402	-	79	45	8.9
	11	434	-	76	42	10.3
	10	450	-	79	45	10.0
	7 1/2	434	-	76	42	10.3
5/18-19/59	-	336	49.1	90.3	41.2	8.2
7/28/59	-	260	-	110	-	-
8/6/63	-	187	75	95	20	9.4
12/1/64	-	500	37	76	39	12.8
4/14/66	-	255	60	77	17	15
4/17/66	-	384	52	88	36	10.7
7/31/67	1/2	176	-	-	-	-
8/27/71	1/2	144	70	100	30	4.8
10/28/71	1/2	235	55	85	30	7.8
8/6/81	3	186 206	75.6	90.8	15.2	13.6

Water Levels, Misc.

Date	Static	Pumping Level	Q gpm ave.
11/29/40	34.0	76	460
5/15/59	59.3		
5/18/59	49.1		
5/19/59	-	90.4	336
6/18/59	49.1	-	-
7/28/59	-	93.2'	260
7/31/59	-	sucking air	-

4/28/60	55.5	—	—
8/6/63	75	95	187
4/14/66	60	77	255
4/17/67	52	88	384
7/31/67	86 (idle 10 min)		222
8/27/71	70	100	144
10/28/71	55	85	235
1/10/72	45	85	235
10/13/72	51	74	240
7/16/81	—	86	206 [±]
8/4/81	—	93.7	206 [±]
8/6/81	75.6	90.8	206

BY G.I.H.	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	



Data Summary
Well No. 1 (1974) Veterans Administration
Boise, Idaho

Well -- New No. 1 (1974). USGS No. 3N/2E-2 cbc 3

Location -- About 200 ft east, 1295 ft north

SW corner Sec. 2

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

Hole Size -- 16 in to 474 ft.

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

No tail pipe reported.

Screen assembly -- 10 in pipe size Johnson stainless
steel No. 35 slot screen with 257 ft liner,
headpipe. No seal between casings. Gravel
packed with No. 8 sand bottom to 180 ft.

No tailpipe reported

10 in screen 428-454 ft, No. 35 slot

10 in liner-headpipe, 171-428 ft.

Aquifer - 3+ ft sand, water bearing, 427-461 ft.

Sandy zone, 288-324 ft, probably correlative to +
producing zone in old Well No. 1 and in Well 2.

When pumping new Well No. 1 a flow of
unknown amount enters the well between
the 10 in. and 12 in casings. While test pump-
ing the new well at 376 gpm for 3 hours, July
22, 1981 the water level in old Well No. 1
declined 3.5 ft.

water chemistry -- water is probably some mixture from the shallow and deep aquifers.
 Temp $\cdot$ 84.2°F, ^{pH 7.9} TDS 270, turbidity 2.9, color <5,
 alkalinity (CaCO₃) 52, ammonia nil, Ca 17.4, Cl 5.8,
 hardness 49, nitrate 0.8, sulfates <0.02,
 Fe 0.9, Si 14.8, SO₄ 70, F 2.4, EC = 390.

As <0.01, Ba <0.1, Cd <0.001, Cr <0.01,
 Cu <0.006, Fe 0.23, Pb <0.01, Mn 0.05,
 Hg <0.005, K 0.7, Se <0.01, Ag <0.001,
 Na 56, Zn 0.007.

Yield tests

Yield Tests						
<u>date</u>	<u>Length Test</u>	<u>Q gpm</u>	<u>SWL</u>	<u>Pumping Level</u>	<u>Dwdn</u>	<u>Spec. Gr.</u>
Aug. 28, 1974	{ 8 hr	—	62.75	—	—	—
step		{ 2 hr ave 398.5	"	126.3	63.5	6.3
drowdown test			6 hr ave. 587	"	167.5	105.0
Aug. 29, 1974	5½ hr	ave 580	68	167.5	109.5	5.3
July 22, 1981	3½ hr	ave 376	74.5	unable to measure		
because of cascading water into 10 in casing.						
measured pumping level 8/4/81						
assume Q is same, (376) (74.5)						
				197.7	123.2	3.1

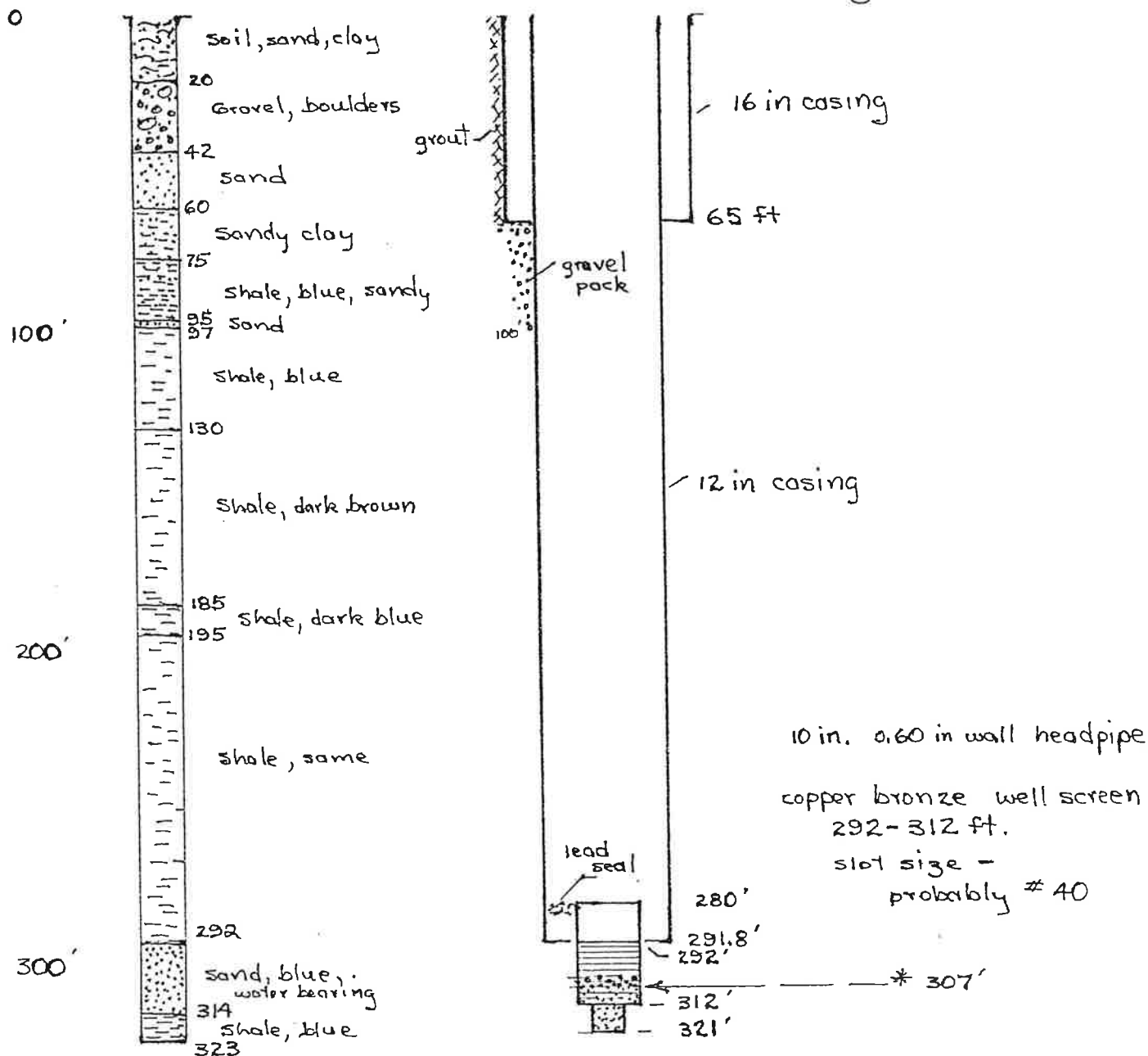
Water Levels (Miscel)

<u>date</u>	<u>Static</u>	<u>Pumping level</u>	<u>Q</u>
8/23/74	62.8	167.5	399-587
8/29/74	68	167.5	580

8/2/77	70	130?	200 ?
7/16/81	—	200 airline	est 380
7/22/81	74.5	—	—
8/4/81	—	{ 197.7 201 airline	386
8/6/81	74.5	{ 191.9 196 airline	pumping for 10 min. est. 386
	—	{ 195.5 194 airline	pumping for 50 min est 386

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



* 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 225 ft east, 1350 ft north 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 ~~293.3~~^{291.8} ft, gravel packed 100 to 65 ft.

Screen assembly -- 10 in x 20 ft copper-bronze screen with 9 ft of 6 in tailpipe and 12 ft of 10 in headpipe swedged 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 6.9,

TDS 402, turbidity 4.3, color < 5, alkalinity (CaCO₃)

188, ammonia 3.15, Ca 64, Cl 14, hardness 191,

nitrate 4, surfactants < 0.08, Mg 9.8, Si 25,

SO₄ 161, F 0.82.

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 2.5, 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 shaft and replace with 100' 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.

10
Insert
over
4

Yield Tests --

Date	Length Test	Q gpm	SWL	Pumping level	Dwn.	Spec. 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	49.5	3.8
7/31/59	valved back to prevent sucking air					
1/-/72	1/2	181	35	80	45	4.0
3/15/72	-	212	38	93	55	3.9

10
Insert
over

water muddy on 3/15/72 test.

Water levels, Miscel.

Date	Static	Pumping level	Q gpm
Fall, 1940	30	—	—
Fall, 1958	30	—	—
5/13/59	—	89.92	—
5/15	40.83	—	—
5/18	36.39	86.4	226
7/28	61.0	110.5	188
7/31	—	sucking air	—
4/28/60	40.71	—	—
8/6/63	75	120 ?	160
4/14/66	65	100 ⁺	158
4/17	53	90	220
7/11	65	100	155
8/27/71	—	100	95
10/28/71	35 (idle 48 hrs)	83	191
1/10/72	35	80	191
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 ^{left} idle	completion of	new well #1 (1974)
8/12/74	78	—	—
8/2/77	70	?	—
7/16/81	59 airline	—	—
7/22	54.65	—	pumps idle
8/4	62.44	—	Two wells pumping
8/6	55.77	—	—

Interference --

From Well 2 located about 375 ft northwest. In 1972, pumping Well 2 for 2 hrs resulted in 2.3 ft decline of water level in subject well, No 1 (1931).

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 southwest of subject well.

During a 3-hour pump test of Well No. 2; 8/6/81, pumping 186 gpm, and new well No. 1 (1974) pumping 380 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(s) (299-354 ft) to enter new well No. 1 between 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 376 gpm 7/22/81, the static water level in old well No. 1 (1931) declined 3.8 ft.

PROPOSED SF5

11/09/2012

IDAHO DEPARTMENT OF WATER RESOURCES
RECOMMENDED WATER RIGHTS ACQUIRED UNDER STATE LAW

RIGHT NUMBER: 63-5220

NAME AND ADDRESS: VETERANS ADMINISTRATION MEDICAL CENTER
C/O ENGINEERING SERVICE
500 W FORT ST
BOISE ID 83702-4598

SOURCE: GROUND WATER

TRIBUTARY:

QUANTITY: 0.580 CFS
148.50 AFY

~~Right Nos. 63-5220 and 63-5221 are limited to a total combined diversion rate of 0.66 cfs and a total combined annual diversion volume of 148.5 AF for irrigation and a total combined annual volume of 1.4 AF for storage.~~

Right Nos. 63-5220, 63-5221 and 63-10153 are limited to a total combined diversion rate of 0.76 cfs for diversion directly to irrigation and

industrial

use, to a total combined diversion rate of 0.86 cfs for diversion to storage, and to a total combined diversion volume for irrigation (directly or from storage) of 148.5 AF. Irrigation from storage under Right Nos. 63-5220, 63-5221 and 63-10153 is limited not by a diversion rate, but rather, by the total combined annual diversion volume of 148.5 AF.

The capacity of the storage reservoir is 1.4 AF. This reservoir may be refilled multiple times in a single year.

PRIORITY DATE: 01/01/1920

POINT OF
DIVERSION:

T03N R02E S2 NWSW Within ADA County

PURPOSE AND
PERIOD OF USE:

<u>PURPOSE OF USE</u>	<u>PERIOD OF USE</u>	<u>QUANTITY</u>
IRRIGATION STORAGE	01/01 12/31	1.40 AFY
IRRIGATION FROM STORAGE	03/01 11/15	1.40 AFY
IRRIGATION	03/01 11/15	0.580 CFS 148.50 AFY
DIVERSION TO STORAGE	03/01 11/15	0.580 CFS

PLACE OF USE: IRRIGATION in ADA County

T03N R02E S02	NWSW	2.0 <u>2.1</u>	T03N R02E S02	SWSW	25.0 <u>24.1</u>
T03N R02E S02	SESW	3.0 <u>4.3</u>	T03N R02E S03	SESE	1.0 <u>2.2</u>
T03N R02E S11	NENW	1.0 <u>0.1</u>	T03N R02E S11	NWNW	1.0 <u>0.2</u>

IRRIGATION FROM STORAGE same as IRRIGATION

33 ACRES TOTAL

Right Nos. 63-5220, 63-5221 and 63-10153 are limited to the irrigation of a combined total of 33.0 acres in a single irrigation season.

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

Standard Form 5 Attachment for 63-5220

This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.

EXPLANATORY MATERIAL: BASIS OF CLAIM - Beneficial Use

This well is known as new well #1

This water right does not authorize the diversion of a low temperature geothermal resource or other geothermal resource.

~~Original well assumed to be drilled in 1920, however no longer in use. A replacement well was drilled in 1974 and original well was abandoned. (csaxton 4/30/04).~~

Attachment I.A

From JETLE MKNT

06/23/2009

IDAHO DEPARTMENT OF WATER RESOURCES
DRAFT RECOMMENDATION OF WATER RIGHTS ACQUIRED UNDER STATE LAW

RIGHT NUMBER: 63-5220
NAME AND ADDRESS: VETERANS ADMINISTRATION MEDICAL CENTER
C/O ENGINEERING SERVICE
500 W FORT ST
BOISE ID 83702-4598

SOURCE: GROUND WATER TRIBUTARY:

QUANTITY: 0.580 CFS
148.500 AFY

Right Nos. 63-5220, 63-5221 and 63-10153 are limited to a total combined diversion rate of .76 cfs for diversion directly to irrigation and industrial use, to a total combined rate of diversion rate of .86 cfs for diversion to storage, and to a total combined diversion volume for irrigation (directly or from storage) of 148.5 AF. Irrigation from storage under Right Nos. 63-5220, 63-5221 and 63-10153 is limited not by a diversion rate, but rather, by the total combined annual diversion volume of 148.5 AF.

PRIORITY DATE: 01/01/1920

POINT OF DIVERSION:

T03N R02E S2 NWSW Within ADA County

PURPOSE AND
PERIOD OF USE:

PURPOSE OF USE	PERIOD OF USE	QUANTITY
IRRIGATION STORAGE	01/01 12/31	1.40 AFY
IRRIGATION FROM STORAGE	03/01 11/15	1.40 AFY
IRRIGATION	03/01 11/15	0.580 CFS 148.50 AFY
DIVERSION TO STORAGE	03/01 11/15	0.580 CFS

The capacity of the storage reservoir is 1.4 af. This reservoir may be refilled multiple times in a single year.

PLACE OF USE: IRRIGATION in ADA County

T03N R02E S02	NWSW	2.10	T03N R02E S02	SWSW	24.10
T03N R02E S02	SESW	4.30	T03N R02E S03	SESE	2.20
T03N R02E S11	NENW	0.10	T03N R02E S11	NWNW	0.20

IRRIGATION FROM STORAGE same as IRRIGATION

33.0 ACRES TOTAL

Right Nos. 63-5220, 63-5221 and 63-10153 are limited to the irrigation of a combined total of 33.0 acres in a single irrigation season.

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.

EXPLANATORY MATERIAL: BASIS OF CLAIM - Beneficial Use

This well is known as new well #1

This water right does not authorize the diversion of a low temperature geothermal resource or other geothermal resource

VA SETTLEMENT

COLD WATER RIGHT NOS. 63-5220, 63-5221, 63-10153, 63-29714, 63-29764, 63-29765 & 63-29766

1-26-12

63-5220, 63-5221 & 63-10153

This right and Right Nos. 63-5221 and 10153 are all for the same irrigated acres. Well #1 on 63-5220 has a 1920 priority date, Well #2 on 63-5221 has a 1940 priority date and Well #1, 2 and 3 on 63-10153 have a 1983 priority date. They total a maximum of .76 cfs when combined. The .76 cfs is derived from 33 acres at an inch to the acre, .66 cfs, plus .10 cfs for industrial use under 63-10153. The volume is limited to 148.5 af (33 ac X 4.5 af) with a storage capacity of 1.4 af. The storage can be refilled multiple times during the year up to 148.5 af per annum.

The water is pumped up into a 450,000 gallon storage tank and then gravity fed into a pressurized sprinkler system for the irrigation of 33 acres. With the addition of Well #3 in 1983 the water system can produce .86 cfs diversion to storage. This measurement came from the VA staff after a new measuring device was installed. It is a practice by the Department to give a greater diversion rate for diversion to storage when warranted. Wells are the source of water and when they are diverted up to the storage it becomes a diversion to storage with an off-stream storage facility. Each right will be recommended with the same diversion to storage amount claimed with a remark allowing up to .86 cfs total diversion to storage when all rights are combined.

The remark proposed by the VA is rambling. It is proposed as follows:

Right Nos. 63-5220, 63-5221 and 63-10153 are limited to a total combined diversion rate of .76 cfs for diversion directly to irrigation and industrial use, to a total combined rate of diversion rate of .86 cfs for diversion to storage, and to a total combined diversion volume for irrigation (directly or from storage) of 148.5 af. Irrigation from storage under Right Nos. 63-5220, 63-5221 and 63-10153 is limited not by a diversion rate, but rather, by the total combined annual diversion volume of 148.5 af.

This remark needs to be discussed prior to the SF5s being routed.

All rights will have the non-geothermal remark which states, "This water right does not authorize the diversion of a low temperature geothermal resource or other geothermal resources."

Note: License No. 63-10153 has a remark on it that states if 63-29714 and 29765 are "recommended" in the SRBA then this right shall be diminished to avoid redundancy of water rights. 63-29714 is being disallowed and 63-29765 is proposed for different lands than the 33 acres above. I will remove this remark from 63-10153 before recommending it in the Spring Late claim report.

63-29714

Federal reserved right for the same use as the above water rights is now proposed to be withdrawn &/or disallowed. SF5? ~~YES~~ ^{YES}

63-29764

Federal reserved right for future use proposed to be withdrawn &/or disallowed. SF5? ~~YES~~ ^{YES}

63-29765

Federal reserved right for .12 cfs for 2.6 acres of irrigation with a 1966 priority. It appears to cover the Federal Bldg. grounds. We only report reserved rights so not much we can do about this one except to figure out whether we do an SF5 or not.

63-29766

Federal reserved right for .10 cfs for 5 acres of irrigation with a 1950 priority. It appears to cover irrigation at the Veterans Home although the entire acreage for the home and lawns is 4.9 acres. Same as 63-29765.

IDAHO DEPARTMENT OF WATER RESOURCES

Adjudication Recommendation Report 63-5220 V1

WATER RIGHT NUMBER: 63-5220 V1

<u>Owner Type</u>	<u>Name and Address</u>
Current Owner	VETERANS ADMINISTRATION MEDICAL CENTER C/O ENGINEERING SERVICE 500 W FORT ST BOISE, ID 83702-4598 (208) 422-1000

Priority Date: 01/01/1920

Basis: Beneficial Use

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>
IRRIGATION STORAGE	01/01	to 12/31		1.40 AF
IRRIGATION FROM STORAGE	03/01	to 11/15		1.40 AF
IRRIGATION	03/01	to 11/15	0.580 CFS	148.50 AF
DIVERSION TO STORAGE	03/01	to 11/15	0.580 CFS	
	<u>Total Diversion:</u>		0.580 CFS	148.50 AF

Location of Point(s) of Diversion

GROUND WATER	NW1/4SW1/4	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											2.0	25.0	3.0					30.0
03N	02E	3																1.0		1.0
03N	02E	11					1.0	1.0												2.0

Total Acres: 33

IRRIGATION FROM STORAGE same as IRRIGATIONConditions of Approval:

1. C18 This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.

IDAHO DEPARTMENT OF WATER RESOURCES

Adjudication Recommendation Report 63-5220 V1

2. E60 Right Nos. 63-5220 and 63-5221 are limited to a total combined diversion rate of 0.66 cfs and a total combined annual diversion volume diversion volume of 148.5 AF for irrigation and a total combined annual volume of 1.4 AF for storage.
3. Original well assumed to be drilled in 1920, however no longer in use. A replacement well was drilled in 1974 and original well was abandoned. (csaxton 4/30/04).
4. This well is known as new well #1

Remarks:

Comments:

Water Supply Bank:

STATUS CONFERENCE NOTES:

DATE: 5-12-09

RIGHT NO. 63-5220, 5221 ⁵
DRAFT OF 10153.

will
settle

Hot water side at the VA - ^{Geol. Survey & GSA} VA Hospital
Cold water side - almost completed.

GSA filed a claim, no priority & no
POD - David Negri - no clue so
the permit app appears to be a claim.

Set status conference for 9/22/09
at 10:30 AM.

Geothermal should settle
Cold H₂O will take longer

Shurte, Jan

From: Shurte, Jan
Sent: Wednesday, February 25, 2009 4:04 PM
To: Stanish, David
Cc: Spencer, Nick; Shaff, Don; Fritschle, Carter
Subject: Draft Recommendations for 63-5220, 63-5221 & 63-10153
Attachments: 63-5220.RTF; 63-5221.RTF; 63-10153.RTF

David,

Attached are the **DRAFT** recommendations for the above rights per our conversations. These are also a result of conversations with Nick Spencer, Don Shaff and Carter Fritschle at the Department's state office. These drafts are based on the idea that 63-29714 will be recommended as disallowed, 63-29765 will be recommended as a 2500 gpd small domestic right and a Notice of Late Claim will be filed for 63-10153 as no claim has yet been filed.

If anyone has any questions concerning these recommendations and conditions, please feel free to let me know. I may have missed some negotiations between the last email David and I exchanged and these drafts.

Thanks,
Jan

2/25/2009

02/25/2009

IDAHO DEPARTMENT OF WATER RESOURCES

DRAFT RECOMMENDATION OF WATER RIGHTS ACQUIRED UNDER STATE LAW

RIGHT NUMBER: 63-5220

NAME AND ADDRESS: VETERANS ADMINISTRATION MEDICAL CENTER
C/O ENGINEERING SERVICE
500 W FORT ST
BOISE ID 83702-4598

SOURCE: GROUND WATER

TRIBUTARY:

QUANTITY: 0.580 CFS
148.500 AFY

Right Nos. 63-5220, 63-5221 and 63-10153 are limited to a total combined diversion rate of .76 cfs for irrigation and commercial use, a total combined rate of diversion for diversion to storage of .86 cfs, a total combined annual diversion volume of 148.5 AF for irrigation and a total combined annual volume of 1.4 AF for storage.

PRIORITY DATE: 01/01/1920

POINT OF DIVERSION:

T03N R02E S2 NWSW Within ADA County

PURPOSE AND
PERIOD OF USE:

<u>PURPOSE OF USE</u>	<u>PERIOD OF USE</u>	<u>QUANTITY</u>
IRRIGATION STORAGE	01/01 12/31	1.40 AFY
IRRIGATION FROM STORAGE	03/01 11/15	1.40 AFY
IRRIGATION	03/01 11/15	0.580 CFS 148.50 AFY
DIVERSION TO STORAGE	03/01 11/15	0.580 CFS

The capacity of the storage reservoir is 1.4 af. This reservoir may be refilled multiple times in a single year.

PLACE OF USE:

IRRIGATION in ADA County

T03N R02E S02	NWSW	2.00	T03N R02E S02	SWSW	25.00
T03N R02E S02	SESW	3.00	T03N R02E S03	SESE	1.00
T03N R02E S11	NENW	1.00	T03N R02E S11	NWNW	1.00

IRRIGATION FROM STORAGE same as IRRIGATION

33 ACRES TOTAL

The rights listed below are limited to the irrigation of a combined total of 33 acres in a single irrigation season. Combined Right Nos.: 63-5220, 63-5221 and 63-10153.

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.

EXPLANATORY MATERIAL: BASIS OF CLAIM - Beneficial Use

Original well assumed to be drilled in 1920, however no longer in use. A replacement well was drilled in 1974 and original well was abandoned. (csaxton 4/30/04).

This well is known as new well #1

05/25/2006

IDAHO DEPARTMENT OF WATER RESOURCES
PRELIMINARY RECOMMENDATION OF WATER RIGHTS ACQUIRED UNDER STATE LAW

RIGHT NUMBER: 63-5220

NAME AND ADDRESS: VETERANS ADMINISTRATION MEDICAL CENTER
C/O ENGINEERING SERVICE
500 W FORT ST
BOISE ID 83702-4598

SOURCE: GROUND WATER

TRIBUTARY:

QUANTITY: 0.580 CFS
148.500 AFY

Right Nos. 63-5220 and 63-5221 are limited to a total combined diversion rate of .66 cfs and to a total combined annual diversion volume of 148.5 AF for irrigation and a total combined annual diversion volume of 1.4 for storage.

PRIORITY DATE: 01/01/1920

POINT OF DIVERSION:

T03N R02E S2 NWSW Within ADA County

PURPOSE AND
PERIOD OF USE:

<u>PURPOSE OF USE</u>	<u>PERIOD OF USE</u>	<u>QUANTITY</u>
IRRIGATION STORAGE	01/01 12/31	1.40 AFY
IRRIGATION FROM STORAGE	03/01 11/15	1.40 AFY
IRRIGATION	03/01 11/15	0.580 CFS 148.50 AFY
DIVERSION TO STORAGE	03/01 11/15	0.580 CFS

PLACE OF USE: IRRIGATION Within ADA County

T03N R02E S02	NWSW	2.00	T03N R02E S02	SWSW	25.00
T03N R02E S02	SESW	3.00	T03N R02E S03	SESE	1.00
T03N R02E S11	NENW	1.00	T03N R02E S11	NWNW	1.00

IRRIGATION FROM STORAGE same as IRRIGATION

33 ACRES TOTAL

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.

EXPLANATORY MATERIAL: BASIS OF CLAIM - Beneficial Use

Original well assumed to be drilled in 1920, however no longer in use. A replacement well was drilled in 1974 and original well was abandoned. (csaxton 4/30/04).

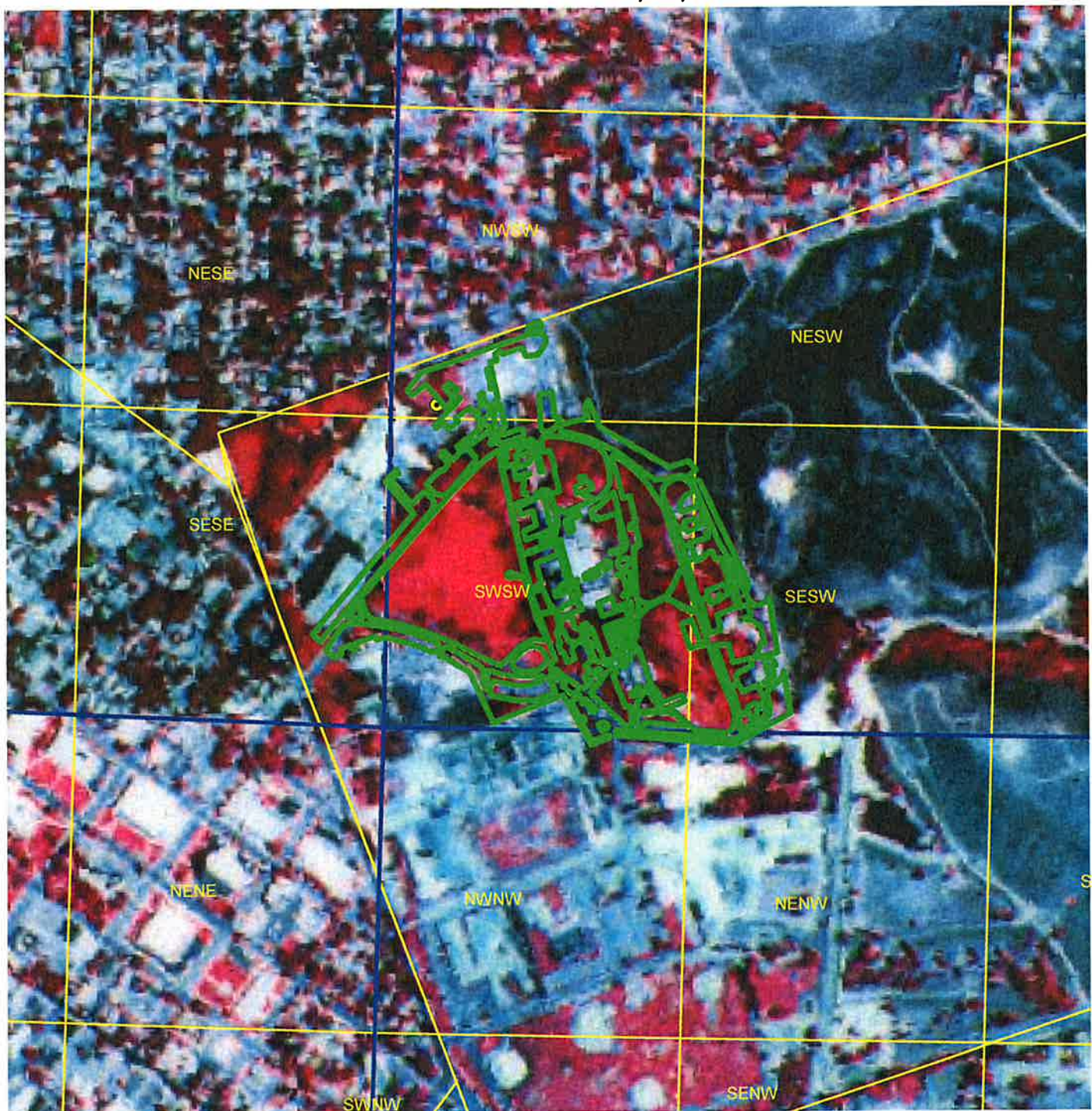
This well is known as new well #1



Idaho Department of Water Resources

63-5220

T03N R02E S2, 3, 11



- ⊙ Point of Diversion
- ▭ Place of Use
- ▭ Sections
- ▭ Quarter Quarter

Total irrigated
acres = 33



500 0 500 Feet

IDWR

Prepared by: Sandy Egbert

Date: May 25, 2006

1987 NAAP Photography

IDAHO DEPARTMENT OF WATER RESOURCES

Adjudication Recommendation Report 63-5220 V1

WATER RIGHT NUMBER: 63-5220 V1

<u>Owner Type</u>	<u>Name and Address</u>
Current Owner	VETERANS ADMINISTRATION MEDICAL CENTER C/O ENGINEERING SERVICE 500 W FORT ST BOISE, ID 83702-4598 (208) 422-1000

Priority Date: 01/01/1920

Basis: Beneficial Use

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>
IRRIGATION STORAGE	01/01 to 12/31		1.40 AF
IRRIGATION FROM STORAGE	03/01 to 11/15		1.40 AF
IRRIGATION	03/01 to 11/15	0.580 CFS	148.50 AF
DIVERSION TO STORAGE	03/01 to 11/15	0.580 CFS	
	<u>Total Diversion:</u>	0.580 CFS	148.50 AF

<u>Location of Point(s) of Diversion</u>			
GROUND WATER	NW1/4SW1/4	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										2.0	25.0	3.0					30.0
03N	02E	3															1.0		1.0
03N	02E	11					1.0	1.0											2.0

Total Acres: 33

IRRIGATION FROM STORAGE same as IRRIGATIONConditions of Approval:

1. E60 Right Nos. 63-5220 and 63-5221 are limited to a total combined diversion rate of .66 cfs and to a total combined annual diversion volume of 148.5 AF for irrigation and a total combined annual diversion volume of 1.4 for storage.

IDAHO DEPARTMENT OF WATER RESOURCES

Adjudication Recommendation Report 63-5220 V1

Summary	5/25/2006 3:49:38 PM	segbert	(No) 1. Is the basis of this claim a Decree, License, Permit, Application or Posted Notice? (Yes) 3. Is the water being used for all of the purposes claimed and to the extent claimed? (Yes) 5. Does this right have any combined use limits with other rights? (Yes) 6. Is an additional remark and/or condition required? (Yes) 7. Would you like to view the recommended right? (No) 8. Is this a split or combined right? (No) 9. Do you have documents you would like to attach or link to the file? (Yes) 10. Would you like to set the verification date?
POU	5/25/2006 3:29:43 PM	segbert	Updated shape for Active POU
POU	5/25/2006 3:29:14 PM	segbert	(No) 1. Is the basis of this claim a Decree or License? (Yes) 2b. Is the POU required? (No) 3. Is the basis of claim a Application or Permit? (No) 7. Is there evidence that there has been a change in the POU? (Yes) 13. Does the file contain all the necessary information to verify the POU? (No) 14. Is a POU remark and/or condition required?
General	5/25/2006 3:12:15 PM	segbert	(No) 1. Should this water use have been included in a later court decree of the water rights from this source? (No) 4. Is the basis of claim decree or license? (No) 7. Is the basis of claim a Application or Permit? (No) 8. Is the basis of claim a posted notice? (No) 9. Is the Priority Date of this water use after the date a permit is required for the source and the water use? (Yes) 12. Does the claim file contain sufficient evidence of Priority Date? (Yes) 15. Is the basis of claim coded correctly? (No) 16. Is a Priority Date remark and/or condition required? Description for Question 12/13 - well records in the file
POD	5/25/2006 3:13:02 PM	segbert	(No) 1. Is the basis of this claim a Decree or License? (No) 2. Is the basis of this claim a Application or Permit? (No) 6. Is there evidence that there has been a change in the POD? (Yes) 9. Does the file contain all the necessary information to verify the POD? (No) 10. Is a POD remark and/or condition required?

**STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION FIELD REPORT**

RECEIVED

MAY 12 2006

WATER RESOURCES
WESTERN REGION**Prior to Field Exam**

- ☐ Copy of Claim, claim has been signed, sealed, and dated by notary?
- ☐ Check fees paid
- ☐ Well logs (if needed)
- ☐ Copy of topo or NAPP
- ☐ Check of Govt. Lots, if needed, Govt. Plat/Tax lot information
- ☐ Check POD & POU overlap, see below – include overlapping right for exam
- ☐ Evidence of Priority – if none, talk with claimant

CLAIMANT INFORMATION – verify contact information is completeClaim No(s) A 63-5220 + A 63-5221Owner: Veterans Administration Medical Center Phone No. (208) 422-1000 / 422-1370Current Address: 500 W. Fort St. Boise, Id 83702-4598 Engineering Dept.

- ☒ No change NAME IS THE SAME
- ☐ NEW OWNER
- ☒ No change Address
- ☐ NEW ADDRESS
- ☐ How long owned property? _____

Accompanied by: Douglas Lamb, Chief, Facilities Management Srv.PRIORITY DATE (208) 422-1370 / cell (208) 573-0734
e-mail: doug.lamb@va.gov

- ☒ No change – Complete evidence submitted or not necessary
- ☐ Incomplete – Claimant should be asked when water was first used and submit proof of date.
- ☐ Priority date is acceptable/within mandatory filing dates?

Priority date, per claimant, is: (well #1 replaced by new #1 63-5220 is 11/1/1930) + (63-5221 is 12/1/1940)
(If priority date, based on your exam, seems questionable, explain below.) completed drilling on well #2 11/18/1940

Reservoir built 1880; old well #1 originally drilled in 1920 to 175' then Jack Dir in 1930-31 deepened it to 323'
 *(see attached proof of priority)

Source: groundwater Tributary to _____

- ☒ No Change – SAME SOURCE
- ☐ Source found is different than claimed: _____

POINT OF DIVERSION

- ☒ No change
- ☐ POD found is different than claimed: _____
- ☐ If different, when did POD change? _____

DIVERSION AND DELIVERY SYSTEM

Points of Diversion: ^{new} well #1: A63-5220

(well #2: A63-5221)

ID	Govt	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
#	Lot #								GPS ID
#1			NW	SW	2	3N	2E	Ada	N43° 37.357 W 116° 11.554
#2			NW	SW	2	3N	2E	Ada	N43° 37.401 W 116° 11.476
old well #1			NW	SW	2	3N	2E	Ada	N43° 37.356 W 116° 11.542

Description of diverting works

**** See attachment**

OVERLAP REVIEW

Other water rights with the same point of diversion: None w/ same point of diversion

Does overlap add acres or uses to existing system, increase rate of flow or volume, or other? Explain:

WATER USES ^{well #1} A63-5220 + ^{well #2} A63-5221

☒ No change Total 0.660 cfs

☐ Different Uses

Use Irrigation From 3/15 To 11/15 Amount 0.66 CFS 1.30 AFA

Use Diversion to storage From 3/15 To 11/15 Amount 0.66 CFS 1.30 AFA

Use Irrigation from storage From 3/15 To 11/15 Amount 0.66 CFS 1.30 AFA

Fire protection on a "on demand" basis only 1/1 - 12/31 0.66 cfs 1.30 cfs

TOTAL VOLUME - Groundwater only

☐ Incomplete on claim, the total is, Amount 0.66 CFS 1.30 AFA

☐ Changes found, the new total is, Amount 0.66 CFS 1.30 AFA

☐ More than 1" per Acre? Yes (claimant must complete excess flow sheet)

NON-IRRIGATION USES:

☐ No change Fire protection would be on a "on demand" basis only.

☒ Changes Exam found: Domestic # of homes Stock #

Types Fire Protection Additional comments: * see attached map showing system for fire protection, lines, hydrants, etc.

PLACE OF USE:

☒ No Change

☐ Changes shown below:

- no change in the description, only in the area shown on the map, to show use in NENW + NWNW (for both water rights, since POU overlaps)

Place of Use			NE				NW				SW				SE				Totals
TWP	RGE	SEC	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
No changes from that written on water right																			

Overlap with other water rights: 63-5220 + 635221 overlap each other
for the entire POU (water is combined + pumped to storage reservoir at the
 Does overlap increase rate of flow, volume, additional acres, different source for same acres? Explain: top of the hill

Delivery System Narrative: ** See attachment

Well or Diversion Identification No GPS ID	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge size
<u>New well #1</u>	<u>No tag</u>	<u>25</u>	<u>No tag</u>	<u>No tag</u>	<u>6"</u>
<u>well #2</u>	<u>No tag</u>	<u>20</u>	<u>No tag</u>	<u>No tag</u>	<u>6"</u>

FLOW MEASUREMENTS:

Attach appropriate documents * see attachment

NARRATIVE/REMARKS/COMMENTS

Evidence of priority was obtained at time of field inspection, +
also copies of schematics for fire protection, + copies of
schematics for pump houses #1 + 2.

No supplemental water (surface or groundwater) is utilized
for irrigation or fire protection.

Emergency on-demand fire protection utilizes the same main (6")
as does the irrigation system. Fire protection also has some
8-10" lines.

(well #1)

Directions: Boise, north on 5th, cross Fort St & go into VA Hospital entrance, at Y in road stay to the left, building 50 is on left & down further & to the left is building # 72 (well #2). Reservoir is up the road & on top the hill.

AFTER EXAM THE FILE SHOULD CONTAIN:

- ☐ Completed claim checklist
- ☐ Photographs of POD's and POU
- ☐ GPS readings
- ☐ Completed map and or GIS layout showing POD's and POU

DATE EXAM CONDUCTED:

4/27/2006

FIELD EXAMINER:

Judy Hemenway

Claim No. 63-5220 & 635221

Name: Veterans Administration Medical Center

Date Inspected: April 7, 2006

Field Inspector: Sandy Hemenway

Description of Diverting Works:

63-5220

Old Well #1: Old well #1 Tag #A0002111 located inside pump house #1 was drilled 1920, 16" casing, deepened to 323' in 1930-31 by Jack Dir. On 3/15/1972 reported pumping muddy water. Well was abandoned, but not sure if abandoned in accordance to regulations. A copy of IDAPA 37.03.09.025 (12) Construction of Cold Water Wells, Abandoning of Wells, was given to Douglas Lamb, Chief Facilities Management Services, VA Medical Center.

New well #1 IDWR Tag #A0002109 and IDEQ Tag #E0006166 drilled 9/74 south of old well #1 (outside), by Russell Cowe Drilling. 474' deep, 16" casing, casing >18" above ground level, 25 Hp submersible, 6" discharge, on 2/8/06 measured to produce 259 gpm. Discharges to a 23,000 gallon holding/aeration tank. (Same tank as discharged to by well #2). On 2/8/06, the VA Engineering Department measured well #1 at 259 gpm capacity.

63-5221

Well #2 IDWR Tag #A0002110 and IDEQ Tag #E0006167 located inside Building #72. Drilled by John Cowe & Son 11/18/40. Depth 350', 16" casing, casing 6" above concrete slab (5" thick concrete slab), 20Hp submersible pump, sand trap, 6" discharge, on 2/8/06 measured the flow at 324 gpm. Discharges to a 23,000 gallon holding/aeration (same tank as discharged to by well #1).

The following information is the same for both water rights:

The 23,000 gallon holding/aeration tank (diameter 20', 2330 gal/ft, capacity 23,000 gallons).

Pump House #1 (housing for abandoned old well #1 and (2) booster pumps) is located directly east of the 23,000 gallon holding/aeration tank. (2)-2Hp GE turbine booster pumps pump water from the 23,000 gallon holding/aeration tank, 65 psi, by means of (2)-6" cast iron lines 214' up the hill to the 450,000 capacity reservoir (83' x 68' x 10'). On 2/8/06 each booster pump was measured at pumping 291 gpm. The Inlet to the reservoir is located on the south side. On the west side of the reservoir are located (2) control boxes and outlets for irrigation. (2)-8" cast iron lines go down the hill via gravity flow, convert to a 6" PVC main, reduce to 4" PVC, than 1 1/4" to irrigate lawns and gardens surrounding building and the grounds.

Delivery System Narrative (Short outline of system):

2 wells pump via 6" discharge to → 23,000 gallon holding/aeration tank → (2)-2Hp GE turbine booster pumps @ 65psi via (2) 6" cast iron pipe pump water from 23,000 gallon holding tank to the 450,000 gallon reservoir located at the top of the hill through the inlet

located on the south side → on west side of reservoir are (2) control boxes and outlets with (2) 8" cast iron lines gravity flow down hill → convert to (1) 6" PVC Main → reduces to 4" PVC → reduces to 1 1/4" to irrigate grounds → variety of pop-up sprinkler heads throughout the grounds making up the 33 acres (Total property is 60 acres, subtract out the buildings, parking lots and roads equals the 33 acres that is irrigated.----see aerial map showing the grounds, etc.)

Claim No. 63-5220 & 63-5221

Name: Veterans Administration Medical Center

Date Inspected: April 7, 2006

Field Inspector: Sandy Hemenway

Irrigation: Well #1 (63-5220) & Well #2 (63-5221)

Total of 60 acres subtracting out buildings, parking lot & roads = 33 acres

Confirmed acres irrigated: 33 acres x 0.02cfs = 0.660 cfs

Season 3/15 - 11/15 = 246 days

Required V.i.r for Well #1 = allowable acres under permit x requirement IDWR chart (figure 2)=

33 acres x 3.5 = 115.5 afa

Potential V.d.r. for well #1 = max. allowable cfs x permit season x 1.9835 =

0.66 x 246 x 1.9835 = 322.04 = 322.0 afa

Required V.i.r for Well #2 = allowable acres under permit x requirement IDWR chart (figure 2) =

33 acres x 3.5 = 115.5 afa

Potential V.d.r. for well #2 = max. allowable cfs x permit season x 1.9835 =

0.66 x 246 x 1.9835 = 322.04 = 322.0 afa

2/8/06 VA Engineers/Douglas Lamb actual measurement for:

Well #1: 259 gpm (249gpm x 0.00223 = 0.5775 = **0.58cfs**)

Well #2: 324 gpm (324 gpm x 0.00223 = 0.722252 = 0.722 = **0.72 cfs**)

*****Note: Each booster pump pumps 0.65cfs** from the 23,000 gallon holding/aeration tank to the 450,000 gallon reservoir (see "Diversion to Storage" information), via (2) 6" lines

Pipe Flow Capacity for a 6" Pipe: 0.98 cfs

(2) 6" lines from the booster pumps to the reservoir = **1.86 cfs maximum capacity flow**

Gravity flow from the reservoir to the 6" main = 0.98 cfs maximum capacity flow

Diversion to Storage: Well #1 (63-5220) & Well #2 (63-5221)

Both Well #1 & Well #2 pump directly to a 23,000 gallon holding/aeration tank. In pump house #1, (2) 2Hp GE booster pumps pump water from the 23,000 gallon holding tank 214' up the hill to the 450,000 gallon reservoir.

2/8/06 VA Engineers/Douglas Lamb actual measurement for:

*****Each Booster Pump pumps:** 291 gpm (291 gpm x 0.002233 = 0.64893 = **0.65 cfs each**)

Holding/Aeration Tank: Diameter - 20', 2330 gal/ft, capacity 23,000 gal.

Pipe Flow Capacity for a 6" Pipe: 0.98 cfs

(2) 6" lines from the booster pumps to the reservoir = **1.86 cfs maximum capacity flow**

Irrigation Storage 1/1 - 12/31: (63-5200 & 63-5221)

450,000 gallon reservoir, built in 1889 by Sonna. Storage also used for Fire Protection (on demand)

Reservoir Dimensions: 68' x 83' x 10'

(68' x 83' x 10') / 43,560 = 56440 / 43,560 = 1.2956841 = **1.30 AF**

Irrigation from Storage 3/15 - 11/15: (63-5200 & 635221)

(2) 8" cast iron lines branch off the reservoir down the hill, converting to (1) 6" Main used for both irrigation, and on-demand emergency fire protection to supply water to 20 hydrants throughout the grounds. The 6" main converts to 4" PVC reducing to 1 1/4" PVC to irrigate the grounds.

Pipe Flow Capacity for a 6" Pipe: 0.98 cfs

Gravity flow from the reservoir to the (1) 6" main = 0.98 cfs maximum capacity flow



A63-5220 New well #1
Veterans Administration Medical Center
4/7/2006 S.H.

474' deep, drilled 9/1974,
16" casing, 6" discharge
Driller: Russel Crowe
7/23/81 static 74.5', 25HP
259 gpm



Building
were
booster
pumps
+
old
well #1
are
located

A63-5220 + 63-5221
Veterans Administration Medical Center
4/7/2006 S.H.



Pump
House
for
well #2
(Building
72)

A63-5220 + 63-5221
Veterans Administration Medical Center
4/7/2006 S.H.



Elevation 2647'

(2) 2 HP
GE
turbine
booster
pumps
that pump
water from the
23,000
gallon
holding
tank to
the
450,000
gallon
reservoir
at the
top of
the 6" line
via 6" line
65 psi;
pump
water
214' left
to
Reservoir



POD



A63-5221 Veterans Administration Medical Center

4/7/2006 S.H.

Well #2

16" casing, 20Hp, 6" discharge
324 gpm, 350' deep, drilled 11/13/40
drilled: John Crowe & Sons
static 75.6'



450,000 gallon reservoir
built in 1880 by Sonna



A63-5220 + 63-5221
Veterans Administration Medical Center
4/7/2006 S.H

Elevation 2881'
N43°37.293
W116°11.218

POU?
lawns arounds
buildings



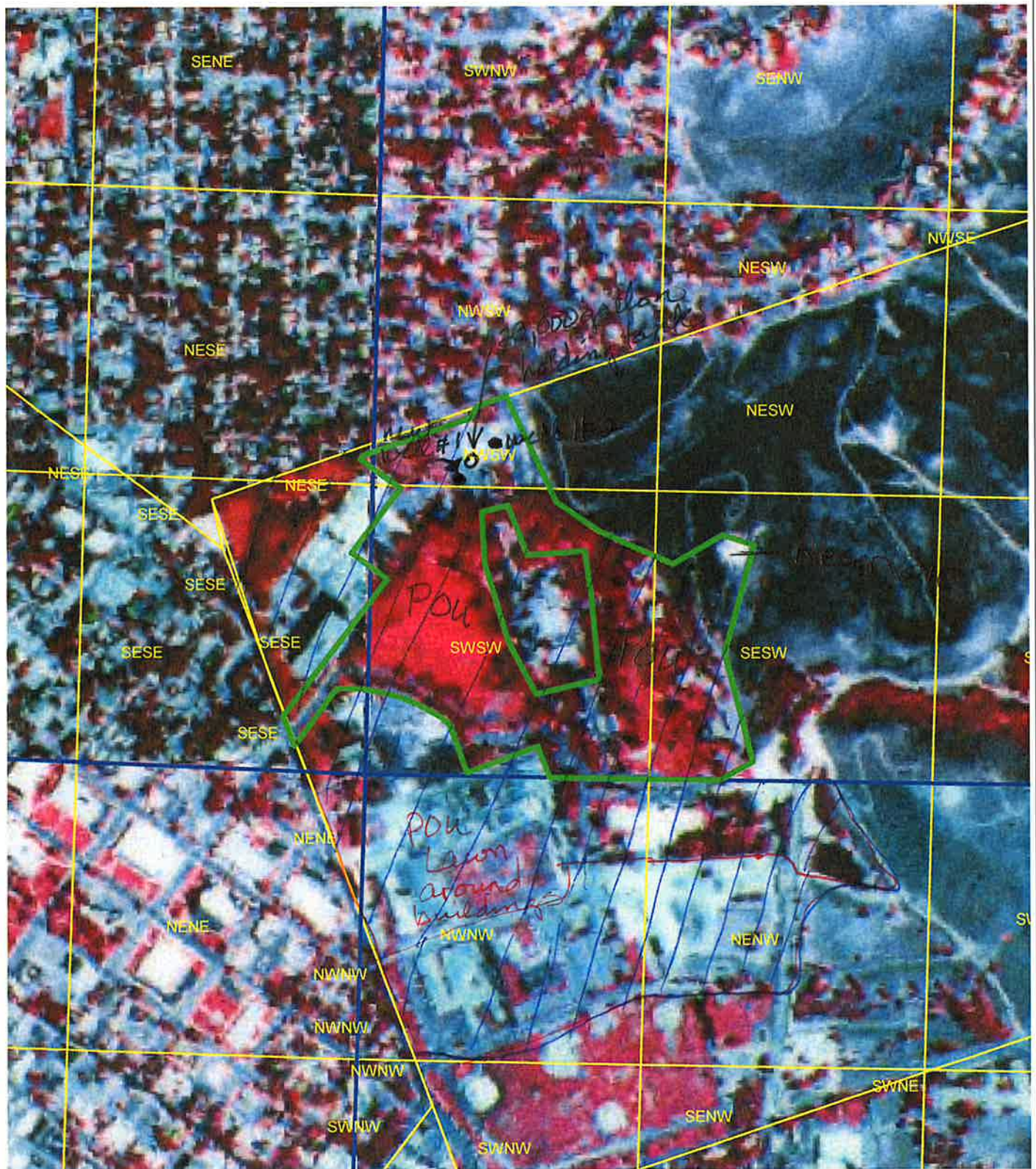
(2) Control Boxes + outlets
to irrigation, (2) 8" cast iron
lines down hill, (+) converts to 6" (main)
then out to system
converts to 4"
then 1 1/4" to
irrigate



Inside 450,000 gallon
Reservoir housing.

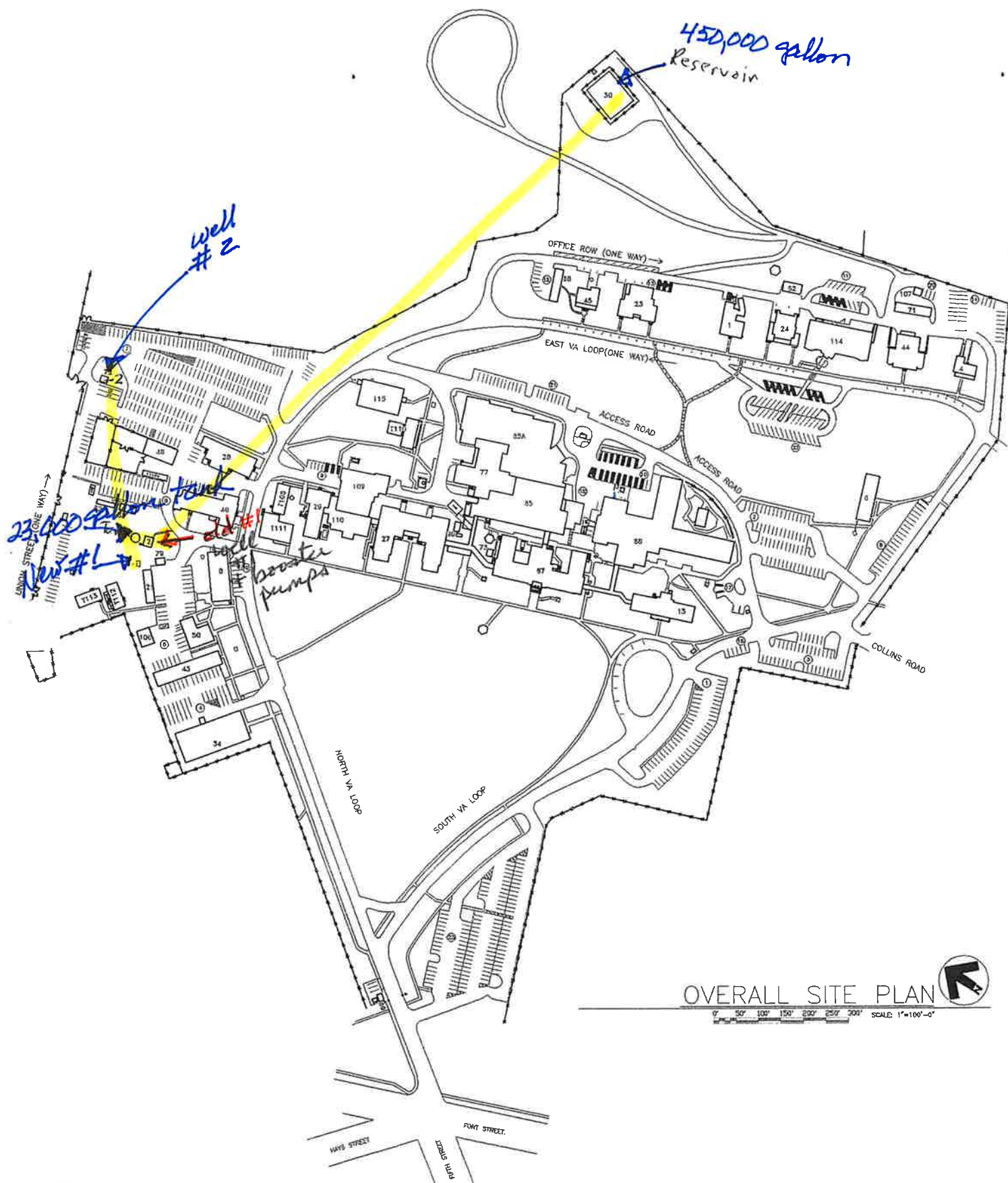
A63-5220 & 635221
Veterans Administration Medical Center
4/7/2006 S.H

63-5220 and 63-5221



Sections
 Quarter Quarters

= POU (60 acres - buildings, roads & parking lots = 33 acres)
 Lawns & gardens around buildings
 (see aerial photo for a better description)



OVERALL SITE PLAN

0' 50' 100' 150' 200' 250' 300' SCALE: 1"=100'-0"



□ = Path or sequence to reach reservoir

A 63-5220 + 635221 V.A. Medical Center

S.H

4/7/06

POU = Areas shown w/o buildings on property



roads

A63-5220 + 63-5221 V.A. Medical Center 5H
4/7/06 Aerial Photo

FIELD EXAM REQUEST

Water Right No. 63-5220 and 63-5221

Claimant: Veterans Adm.

*Doug
Lamb*

573-0734 / 422-1320

POD:

- ✓ GPS POD's or draw them on the maps
- ✓ We have information in the file on the wells so you do not have to measure them

POU:

- ✓ Verify green boundary as the correct POU – mark any corrections on map
- ✓ Verify irrigated acres

PONDS:

- ✓ Need length, width and depth of ponds. You do not need to measure depth – get an estimate from claimant.

*ed. 10' deep, per Doug Lamb
68 x 33 x 10*

EVIDENCE OF PRIORITY:

- ✓ Ask them to send us evidence of priority or see if you can get it during the field exam.

Received & attached

RETURN TO SANDY E.



DEPARTMENT OF VETERANS AFFAIRS
Medical Center
500 West Fort Street
Boise ID 83702-4598

May 11, 2004

In Reply Refer To: 531/138

Craig Saxton
Department of Water Resources
2735 Airport Way
Boise, Idaho 83705-5082

Dear Craig,

Attached are the two claims for water rights under state law for the VA Medical Center. These have been signed and notarized. I have included well drilling logs and historical data sheets on each of the three wells (old well #1, new well #1, and well #2). New well #1 was drilled in 1974 as a replacement for old well #1, which is no longer in use. I have also included copies of drawings that we have on file showing when the pump houses that house old well #1 and well #2 were built. The records indicate that old well #1 existed prior to pump house 2, which houses old well #1, being built. However, old well #1 was drilled deeper at the time pump house 2 was built. Well #2 was drilled at the time that pump house 72, which houses well #2, was built.

I look forward to your visit to our facility. If you have any questions, you may contact me at 422-1320.

Sincerely,

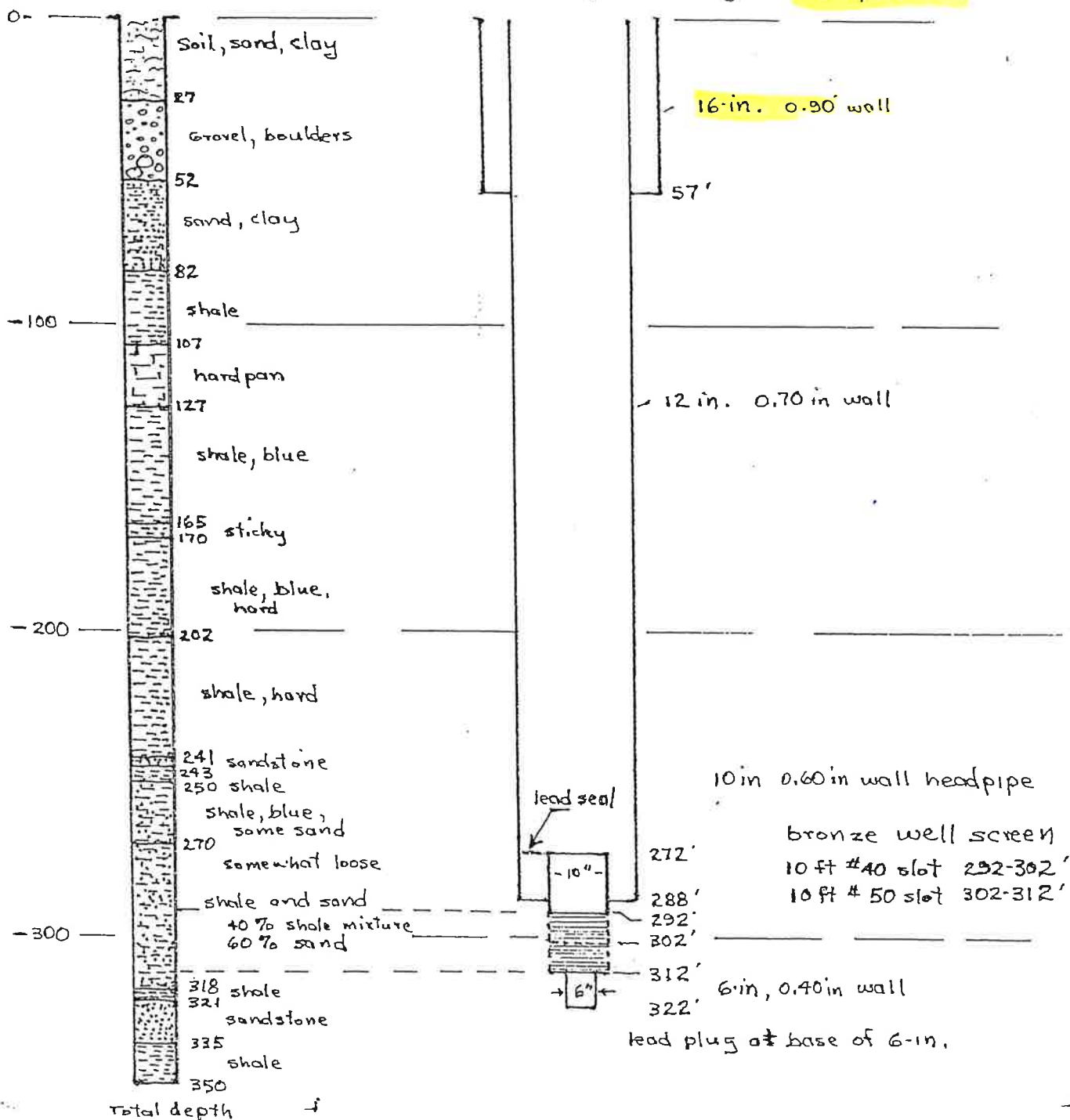
Douglas G. Lamb
Assistant Chief, Facility Management Service

COMPUTATION SHEET

U.S. Government Printing Office: 1977-71-651

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 & Son
 Commence drlg. 9/3/40
 Completed drlg. 11/18/40



WELL NO. 2

DATA SUMMARY
Well No. 2 (1940) Veterans Administration
Boise, Idaho

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

Location -- About 90 ft. east, 1680 ft north SW corner Sec 2

Drilled -- Completed ^{December 2, 1940} by John Cowe Drilling. USGS obtained driller's log from County files with VA permission. Hole depth, 350 ft.

Hole size -- 16⁺ in to 57 ft, 12⁺ in to 290 ft, 10⁺ in to 312 ft, 4 in to 350 ft.

Casing -- 16 in to 57 ft, 12 in to 288 ft, 10 in screen assembly to 312 ft. with 6 in tailpipe to 322 ft.

Screen Assembly -- 10 in x 19.5 ft ^{red} silicon brass screen with 6 ft of 10 in head pipe and 10 ft of 6 in tailpipe. Lead packer swedge 10 in to 12 in

10 in blank casing	272 - 292 ft
10 in screen	292 - 312 ft (10 ft No 40, 10 ft No 20)
6 in blank casing	312 - 322 ft

Aquifer -- 41 ft of shaley blue sand, 277-318 ft

Water chemistry -- ave. two or more analyses) Temp. 78.4°F, pH 7.8, TDS 271, alkalinity (CaCO₃) 90, Ca 19.8, Cl 6.5, hardness 66, nitrate 0.3, Mg 2.9, SO₄ 143, F 2.5, Mn 0, Fe 0.08.

Workovers --

July 23-25, 1959, ^{well} chemically rejuvenated and new 10 HP motor installed replacing 15 HP motor.

Yield Tests --

Date	Length of Test (hours)	Q(gpm)	SWL	Pumping Level	Dwdn	Spec. Cop.
11/29/40	2 1/2	483	34	74	40	12.1
to	14 1/4	501	-	80	46	10.9
12/1/40	2	402	-	79	45	8.9
	11	434	-	76	42	10.3
	10	450	-	79	45	10.0
	7 1/2	434	-	76	42	10.3
5/18-19/59	-	336	49.1	90.3	41.2	8.2
7/28/59	-	260	-	110	-	-
8/6/63	-	187	75	95	20	9.4
12/1/64	-	500	37	76	39	12.8
4/14/66	-	255	60	77	17	15
4/17/66	-	384	52	88	36	10.7
7/31/67	1/2	176	-	-	-	-
8/27/71	1/2	144	70	100	30	4.8
10/28/71	1/2	235	55	85	30	7.8
8/6/81	3	186 206	75.6	90.8	15.2	13.6

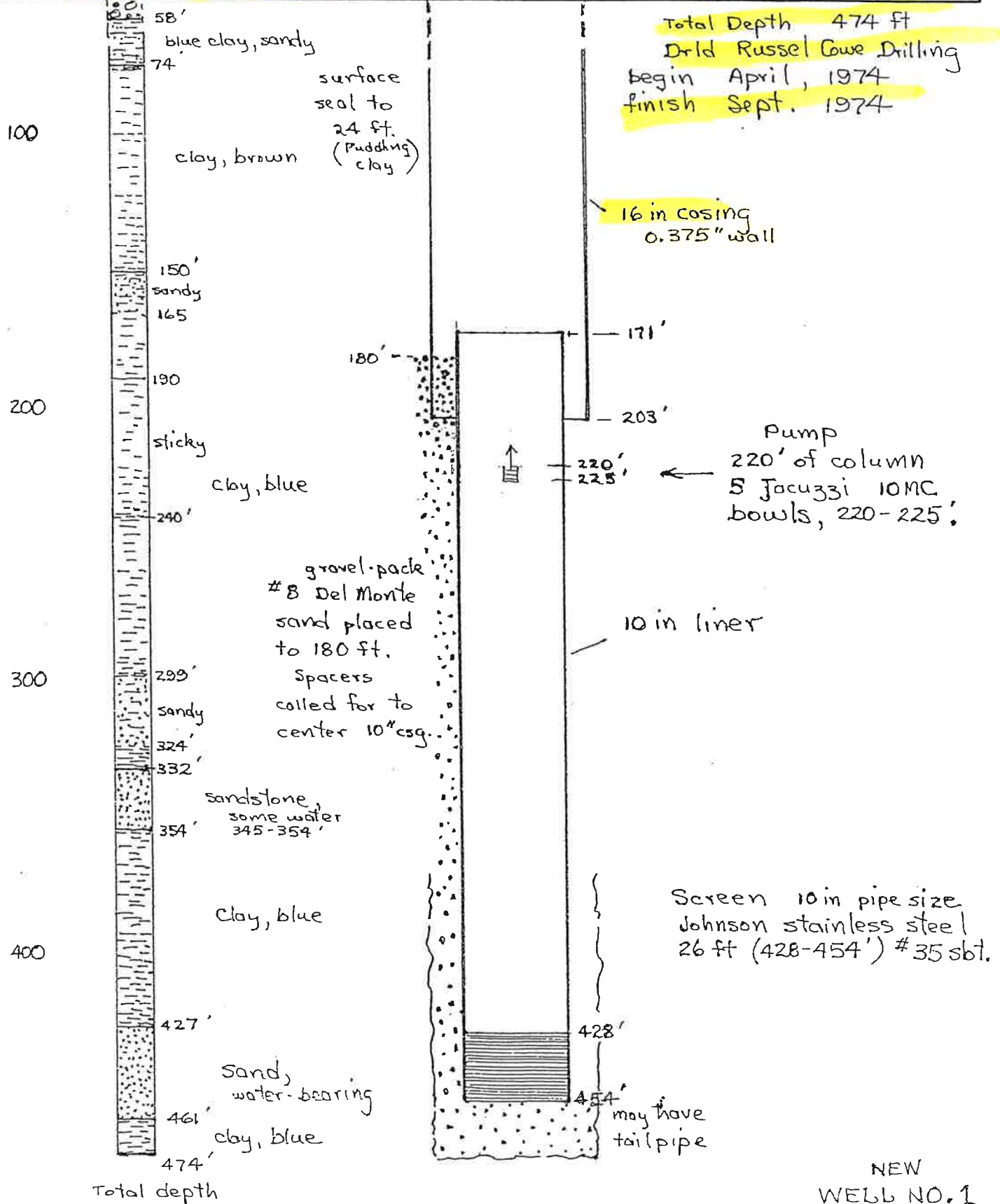
Water Levels, Misc.

Date	Static	Pumping Level	Q gpm
11/29/40	34.0	76	ave. 460
5/15/59	59.3		
5/18/59	49.1		
5/19/59	-	90.4	336
6/18/59	49.1	-	-
7/28/59	-	93.2'	260
7/31/59	-	sucking air	-

4/28/60	55.5	—	—
8/6/63	75	95	187
4/14/66	60	77	255
4/17/67	52	88	384
7/31/67	86 (idle 10 min)		222
8/27/71	70	100	144
10/28/71	55	85	235
1/10/72	45	85	235
10/13/72	51	74	240
7/16/81	—	86	206 [±]
8/4/81	—	93.7	206 [±]
8/6/81	75.6	90.8	206

COMPUTATION SHEET

BY G.I.H.	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	



NEW
WELL NO. 1

Data Summary
Well No. 1 (1974) Veterans Administration
Boise, Idaho

Well -- New No. 1 (1974). USGS No. 3N/2E-2 cbc 3

Location -- About 200 ft east, 1295 ft north

SW corner Sec. 2

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

Hole Size -- 16 in to 474 ft.

Casing 16 in (0.375 in wall) casing to 203 ft ; 10 in
liner plus screen assembly from 171 ft to 454 ft.
No tail pipe reported.

Screen assembly -- 10 in pipe size Johnson stainless
steel No. 35 slot screen with 257 ft liner,
headpipe. No seal between casings. Gravel
packed with No. 8 sand bottom to 180 ft.

No tailpipe reported

10 in screen 428-454 ft, No. 35 slot

10 in liner-headpipe, 171-428 ft.

Aquifer - 3+ ft sand, water bearing, 427-461 ft.

Sandy zone, 299-324 ft, probably correlative to
producing zone in old Well No. 1 and in Well 2.

When pumping new Well No. 1 a flow of
unknown amount enters the well between
the 10 in and 12 in casings. While test pump
the new well at 376 gpm for 3 hours, July
22, 1981 the water level in old Well No. 1
declined 3.5 ft.

water chemistry -- water is probably some mixture from the shallow and deep aquifers.
 Temp 84.2°F , ^{PH 7.9} TDS 270, turbidity 2.9, color < 5,
 alkalinity (CaCO₃) 52, ammonia 0.1, Ca 17.4, Cl 5.8,
 hardness 49, nitrate 0.8, sulfate < 0.02,
 Mn 0.9, Si 14.8, Fe 70, F 2.4, EC = 390.

As < 0.01, Ba < 0.1, Cd < 0.001, Cr < 0.01,
 Cu < 0.006, Fe 0.23, Pb < 0.01, Mn 0.05,
 Hg < 0.005, K 0.7, Se < 0.01, Ag < 0.001,
 Na 56, Zn 0.007.

Yield tests

<u>date</u>	<u>Length Test</u>	<u>Q gpm</u>	<u>SWL</u>	<u>Pumping Level</u>	<u>Dwdn</u>	<u>Spec. G</u>
Aug. 28, 1974	8 hr	—	62.75	—	—	—
step drawdown test	2 hr	ave 398.5	"	126.3	63.5	6.3
	6 hr	ave. 587	"	167.5	105.0	5.6
Aug. 29, 1974	5½ hr	ave 580	68	167.5	109.5	5.3
July 22, 1981	3½ hr	ave 376	74.5	unable to measure		

because of cascading water into 10 in casing,
 measured pumping level 8/4/81

assume Q is same, (376) (74.5) 197.7 123.2 3.1

Water Levels (Miscel)

<u>date</u>	<u>Static</u>	<u>Pumping level</u>	<u>Q</u>
8/23/74	62.8	167.5	399-587
8/29/74	68	167.5	580

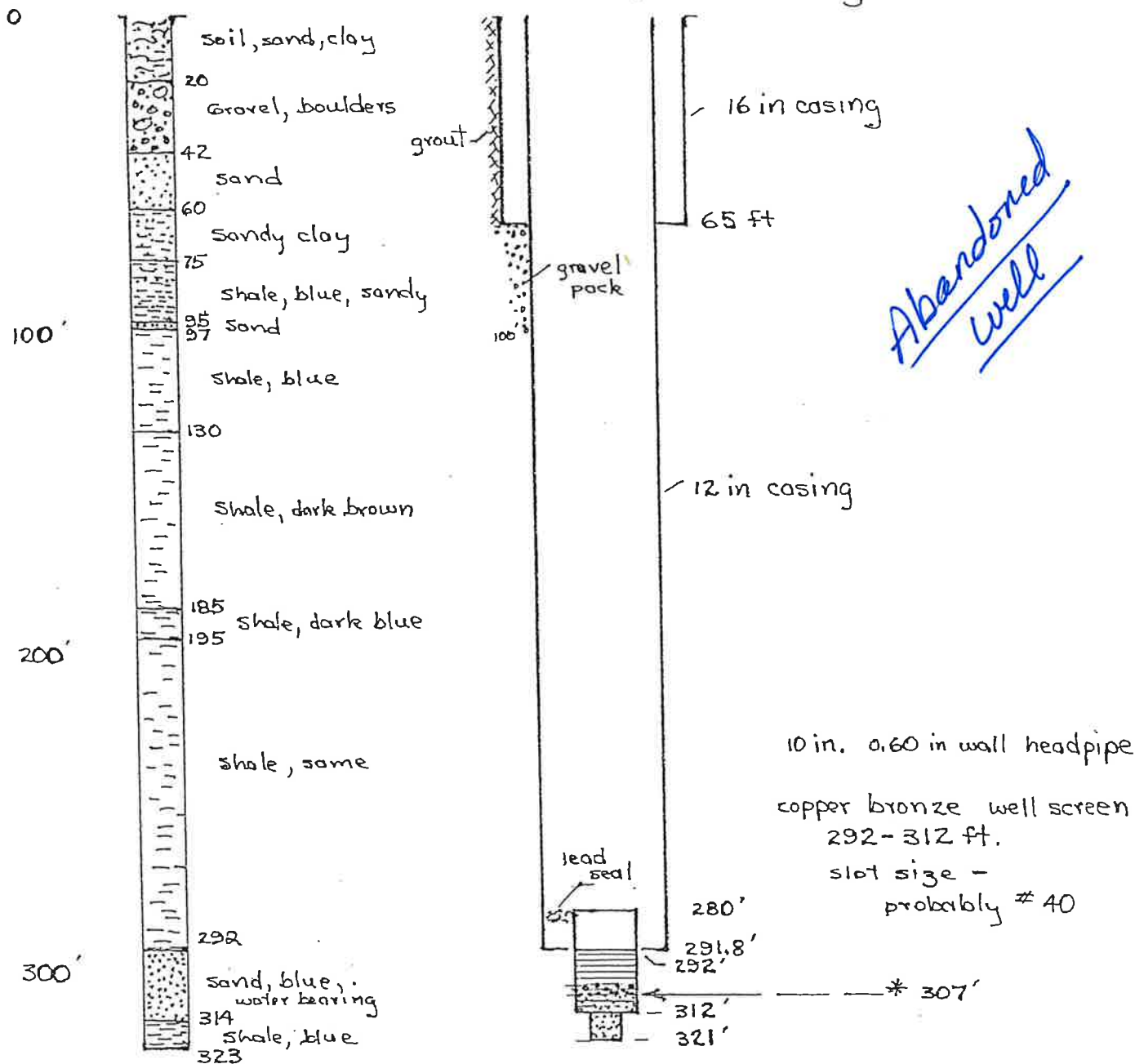
8/2/77	70	130?	200 ?
7/16/81	—	200 airline	est 380
7/22/81	74.5	—	—
8/4/81	—	{ 197.7 201 airline	386
8/6/81	74.5	{ 191.9 196 airline	pumping for 10 min. est. 386
	—	{ 195.5 194 airline	pumping for 50 min est 386

COMPUTATION SHEET

U.S. Government Printing Office: 1977-739-651

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

* 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

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 225 ft east, 1350 ft north 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 ^{291.8'}~~293.3~~ ft, gravel packed 100 to 65 ft.

Screen assembly -- 10 in x 20 ft copper-bronze screen with 9 ft of 6 in tailpipe and 12 ft of 10 in headpipe swedged 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 6.9,

TDS 402, turbidity 4.3, color < 5, alkalinity (CaCO₃)

188, ammonia 3.15, Ca 64, Cl 14, hardness 191,

nitrate 4, surfactants < 0.08, Mg 9.8, Si 25,

SO₄ 161, F 0.82.

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 2.5, 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 shaft and replace with 102 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.

10
Insert
over

Yield Tests --

Date	Length Test	Q gpm	TSUW	Pumping Level	Dwdn	spec. 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	49.5	3.8
7/31/59	valved back to prevent sucking air	---	---	---	---	---
1/-/72	1 1/2	181	35	80	45	4.0
3/15/72	---	212	38	93	55	3.9

10
Insert
over

water muddy on 3/15/72 test.

Water levels, Miscel.

date	static	Pumping level	Q gpm
Fall, 1940	30	—	—
Fall, 1958	30	—	—
5/13/59	—	89.92	—
5/15	40.83	—	—
5/18	36.39	86.4	226
7/28	61.0	110.5	188
7/31	—	sucking air	—
4/28/60	40.71	—	—
8/6/63	75	120 ?	160
4/14/66	65	100 ⁺	158
4/17	53	90	220
7/11	65	100	155
8/27/71	—	100	95
10/28/71	35 (idle 48 hrs)	83	191
1/10/72	35	80	191
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 left idle	completion of new well #1 (1974)	
8/12/74	78	—	—
8/2/77	70	?	—
7/16/81	59 airline	—	—
7/22	54.65	—	pumps idle
8/4	62.44	—	Two wells pumping
8/6	55.77	—	—

Interference --

From Well 2 located about 375 ft northwest. In 1972, pumping Well 2 for 2 hrs resulted in 2.3 ft decline of water level in subject well, No 1 (1931).

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 southwest of subject well.

During a 3-hour pump test of Well No. 2; 8/6/81, pumping 186 gpm, and new well No. 1 (1974) pumping 380 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(s) (299-354 ft) to enter new well No. 1 between 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 376 gpm 7/22/81, the static water level in old well No. 1 (1931) declined 3.8 ft.



DEPARTMENT OF VETERANS AFFAIRS
Medical Center
500 West Fort Street
Boise ID 83702-4598

RECEIVED

MAY 21 2004

WATER RESOURCES
WESTERN REGION

May 11, 2004

In Reply Refer To: 531/138

Craig Saxton
Department of Water Resources
2735 Airport Way
Boise, Idaho 83705-5082

Dear Craig,

Attached are the two claims for water rights under state law for the VA Medical Center. These have been signed and notarized. I have included well drilling logs and historical data sheets on each of the three wells (old well #1, new well #1, and well #2). New well #1 was drilled in 1974 as a replacement for old well #1, which is no longer in use. I have also included copies of drawings that we have on file showing when the pump houses that house old well #1 and well #2 were built. The records indicate that old well #1 existed prior to pump house 2, which houses old well #1, being built. However, old well #1 was drilled deeper at the time pump house 2 was built. Well #2 was drilled at the time that pump house 72, which houses well #2, was built.

I look forward to your visit to our facility. If you have any questions, you may contact me at 422-1320.

Sincerely,

Douglas G. Lamb
Douglas G. Lamb
Assistant Chief, Facility Management Service