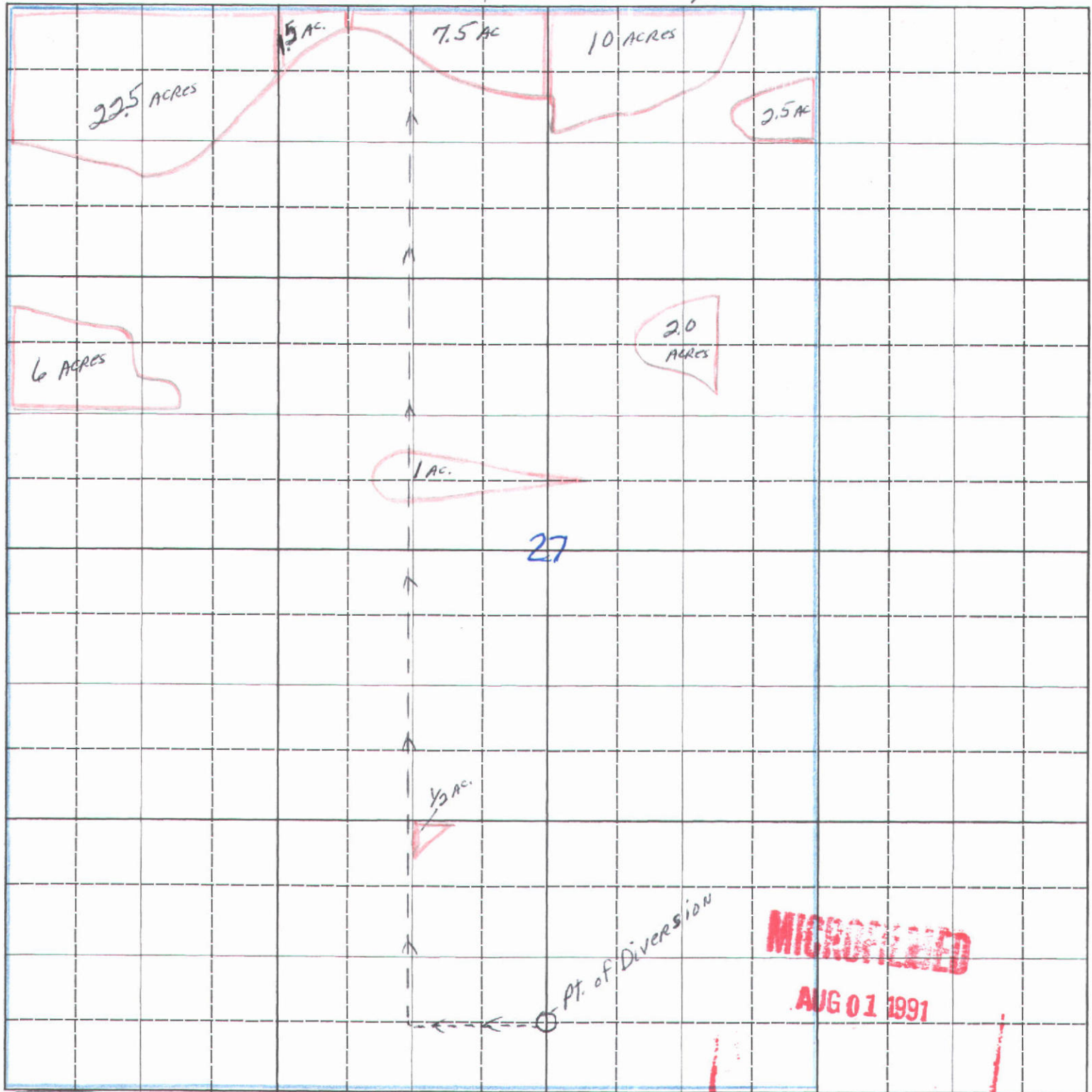


13. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.

West 3/4 of Sec. 27 Twp 7S 21 EBM



Scale: 8 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.

John A. Sanders
(Applicant)

PERMIT 36-8528

INIT B.P.B.

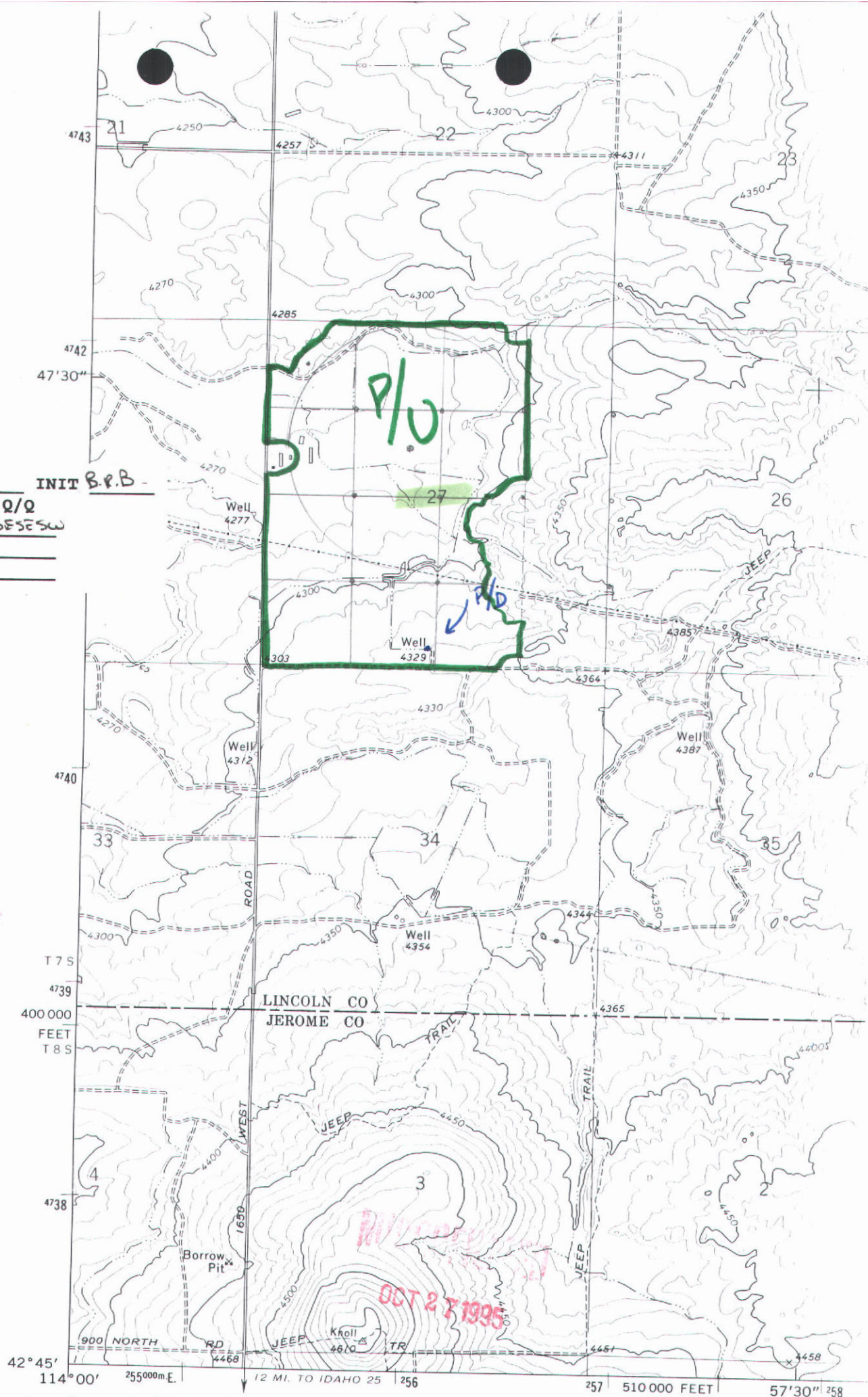
T. R. S. Q/Q

P/D 7S Z1E 27 SESESW

SCALE _____

PHOTO ID. _____

Lincoln
Co.



Lincoln
Co.

53.5 Permit

421.5	Found (Ascs)
52	Claimed (enlargement)
325	Claimed (2 lic. only)
377	Recommended

T 7 S
4739
400 000
FEET
T 8 S

LINCOLN CO
JEROME CO

47
UNCLASSIFIED
OCT 2

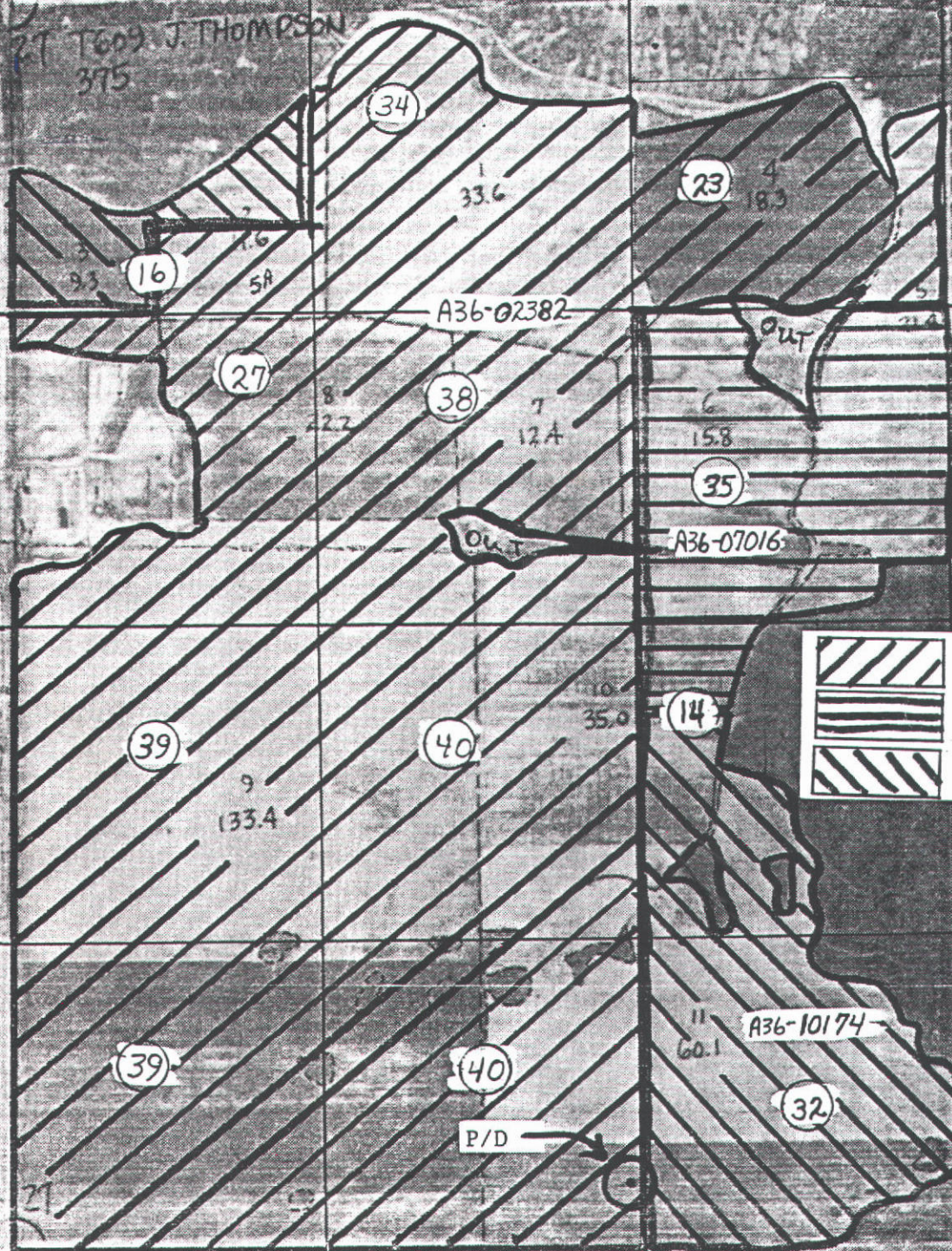
OCT 27 1995

42° 45' 11"

Mapped, edited, and published by the Geological Survey

Permit 36-8528 overlap
P/D with these adj. claims
Recommended for S.35c/s for 37 Acres
This map shows acreage in 6/6.

CLAIM A36-02382; 7016
-10174 INIT KKC
T. R. S. Q/Q
/D 75 21E 27 SE/SE/SW
HOTO
T.&ID.



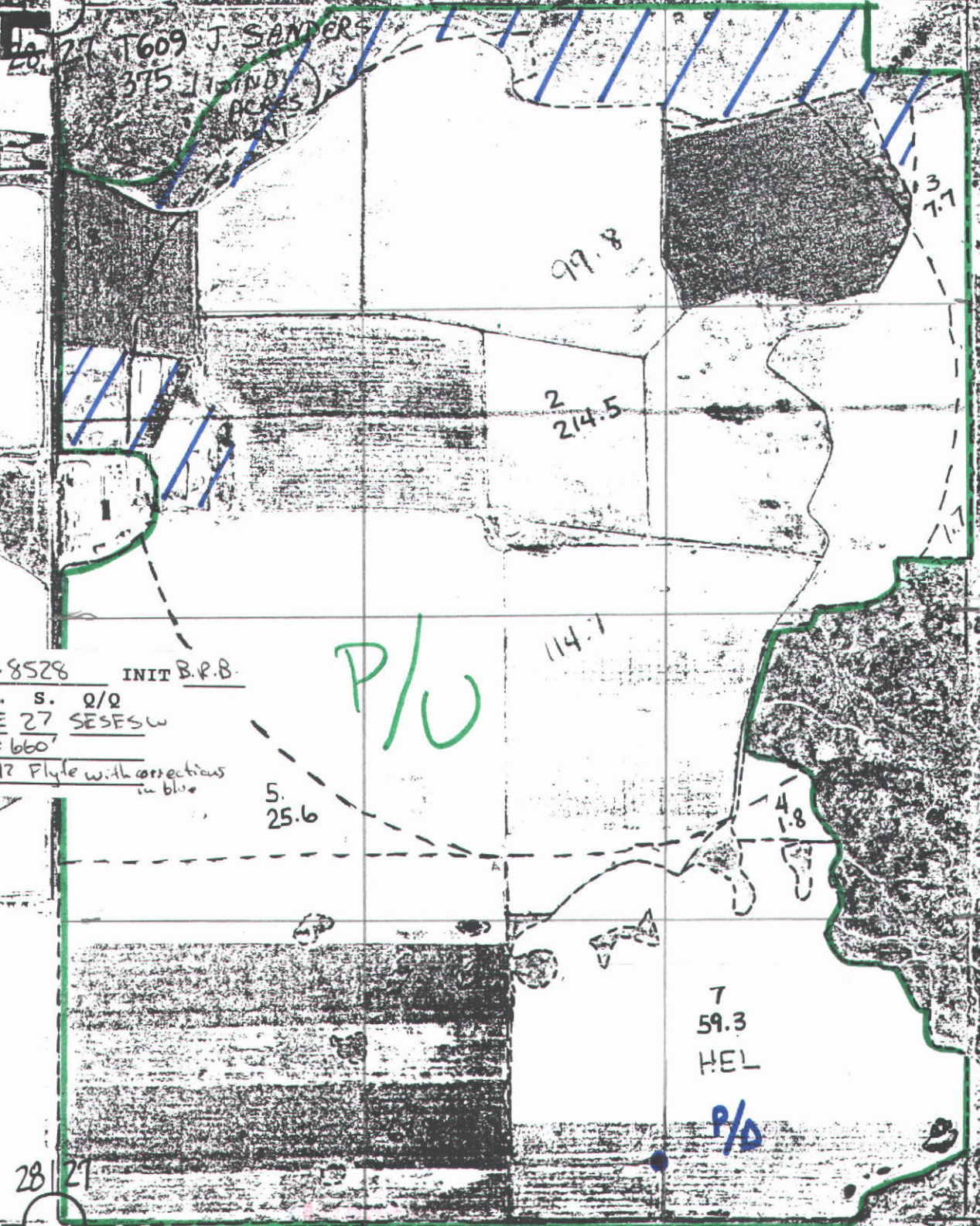
	A36-02382
	A36-07016
	A36-10174

NOT TO SCALE

OCT 27 1995

440

Aerial Photo
— P/U III New acres
that apply to this permit



PERMIT 36-8528 INIT B.P.B.
T. R. S. Q/Q
P/D 75 21E 27 SESESW
SCALE 1" = 660'
PHOTO ID. 92 Flyle w. corrections
in blue

OCT 27 1995

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AUG 3 1992

System Diagram

III-New
arces on this
permit

20 27 T609 J SANDERS
20 27 J SANDERS

4" surface mainline

1800' pivot
B towers
Rated by pulcras

6"

2
214.5

12"

8"

Runs 3" & 4" laterals

114.7
buried
mainline

5.
25.6

15"

4.8

PERMIT 36-8528 INIT B.P.B.

T. R. S. Q/Q

P/D 75 21E 27 SESESW

SCALE 1" = 660'

PHOTO ID. '92 Flyte with correction in blue

7
59.3

HEL

P/D

18"

28 27

33 34

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blocked this bypass mainline here



polysonics
ultrasound
measurement
was taken
here

P36-8528

This photo was taken on July 21, 1993.

This photo shows the new booster (150 H.P. ~ consolidated
the two 75 H.P. into one 150 H.P.)

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OCT 27 1995



#36-8528

↗ P/D

took polysonic
there



↗
booster

↖ blocked this
valve

REMOVED

OCT 27 1995



36-8528 ↗ P/O ↘ P/O



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OCT 27 1995

AFFIDAVIT of PUBLICATION

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JUL 08 1991

State of Idaho }
County of Lincoln } ss.

Department of Water Resources

Patty Nance, being first duly sworn, deposes and says that she is the printer (publisher) of the Lincoln County Journal, a newspaper published every week in Shoshone, County of Lincoln, State of Idaho; that said newspaper has been continuously and uninterruptedly published for a period of seventy-eight consecutive weeks prior to the first publication of the annexed notice, and is a newspaper qualified to publish legal notices as provided by act of the 1919 session of the legislature of the State of Idaho, known as House Bill 145; that the annexed advertisement was published once each week for

2 consecutive issues in said newspaper proper and not in a supplement; that the date of the first publication of said advertisement was on the 19th day of June, 1991, and the date of the last publication was on the 26th day of June, 1991.

Patty Nance

Subscribed and sworn to before me this 5th day of July, 1991.
(SEAL)

Vivian Sandiaga
NOTARY PUBLIC

LINCOLN COUNTY JOURNAL
Shoshone, Idaho

COST OF PUBLICATION

Number of Picas per Line _____
Number of Lines in Notice _____
Number of Insertions 2X

Lines tabular at _____ 6¢/Pica
337.5 Lines straight at 16.88 5¢/Pica
Subsequent lines at 13.50 4¢/Pica
TOTAL COST 30.38

COPY OF NOTICE

(Paste Here)

Not. Appl. Tr. Wat. Rt.
TITLE OF NOTICE

Sanders

36-08528

PLAINTIFF ATTORNEY

DEFENDANT

PLAINTIFF

Id. Dept. Wat. Res.
BILL TO B.

NOTICE OF APPLICATION FOR TRUST WATER RIGHT
36-08528
SANDERS, JOHN A.
2107 HOOVER DR.
SANTA CLARA, CA 95051
Source: GROUNDWATER
Diversion Pt: SESW
Sec 27 T 07S R 21E
Use: IRRIGATION (1.070 CFS)
Total Diversion: (1.070 CFS)
Date Filed: 3/16/1990
In: T07S R21E S27 NWNE SWNE NESW
NWNW
SWNW SENW SESW
53.5 ACRES TOTAL
The permit(s) will be subject to all prior water rights. Protests may be submitted based on the criteria of Sec. 42-203A, Idaho Code and/or the new public interest criteria of Sec. 42-203C, Idaho Code. Protests must be filed with the Director, Dept. of Water Resources, Statehouse Mail, Boise, Idaho 83720 on or before JULY 8, 1991.
-s- R. Keith Higginson, Director
Pub: 6-19, 26 L4426
(Idaho Code, Rev. Statutes 1984)
7-8 pt. per line tabular.....6¢/Pica
7-8 pt. per line straight.....5¢/Pica
7-8 pt. per line successive insertions.....4¢/Pica

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AUG 01 1991

OK
7-8-91

N₉ 5007

4426

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 36-08528

Priority: March 16, 1990

Maximum Diversion Rate:

0.60 CFS

This is to certify, that JOHN A SANDERS
2107 HOOVER DR

SANTA CLARA CA 95051

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated March 16, 1990; and has submitted Proof of Beneficial Use on May 26, 1992. An examination indicates that the works have a diversion capacity of 5.950 cfs of water from a GROUNDWATER source, and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	04/01 to 10/31	0.60 CFS	

LOCATION OF POINT(S) OF DIVERSION:

SESW , Sec. 27, Township 07S, Range 21E
LINCOLN County

PLACE OF USE: IRRIGATION

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
07S	21E	27	NWNE 37	SWNE 37	NENW 40	
			NWNW 27.5	SWNW 37	SENE 39	
			NESW 40	NWSW 39	SWSW 39	
			SESW 40	NWSE 14	SWSE 32	421.5

Total number of acres irrigated: 421.5

CONDITIONS OF APPROVAL AND REMARKS

1. This water right is appurtenant to the described place of use.
2. This right is subject to all prior water rights and may be forfeited by five years of non-use.
3. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
4. This right is for the use of trust water and is subject to review 20 years after the issuance of the permit to determine availability of water and to re-evaluate the public interest.
5. Diversion and use of water under this right is subject to an annual use fee if rules are subsequently promulgated which provide for the submittal of the fee.
6. The Director retains jurisdiction of the right issued to change, add or remove any requirement as determined to be appropriate.

OCT 27 1990

State of Idaho
Department of Water Resources**WATER RIGHT LICENSE**

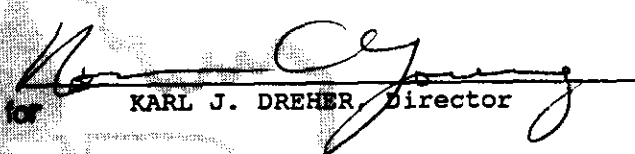
WATER RIGHT NO. 36-08528

CONDITIONS OF APPROVAL AND REMARKS

7. The following rights are also diverted through the point of diversion described above: 36-02382 and 36-07016.
8. This right is limited to the irrigation of 53.5 acres within the place of use described above in a single irrigation season.
9. Use of this right with the rights listed below is limited to a total combined diversion rate of 5.95 cfs, a total combined annual diversion volume of 1514 af, and to the irrigation of a combined total of 378.5 acres within the place of use described above in a single irrigation season. The combined rights include: 36-02382 and 36-07016.
10. This right when combined with Rights 36-02382 and 36-07016 and all other rights shall provide no more than .02 cfs per acre nor more than 4.0 afa per acre irrigated.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code.
Witness the seal and signature of the Director, affixed at Boise, this 27TH
day of OCTOBER, 1995.

Acting for


KARL J. DREHER, Director

State of Idaho
Department of Water Resources

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OCT 23 1995

APPLICATION FOR AMENDMENT

(For Licensing Purposes)

WATER RIGHT NO. 36-08528

Department of Water Resources

Date of Priority: March 16, 1990 Maximum Diversion Rate: 0.60 CFS
Comes now JOHN A SANDERS
2107 HOOVER DR
SANTA CLARA CA 95051 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. 36-08528, and requests that the permit be changed as follows:

Source: GROUNDWATER

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	04/01 to 10/31	0.60 CFS	

LOCATION OF POINT(S) OF DIVERSION: SESW , Sec. 27, Township 07S, Range 21E
LINCOLN County

PLACE OF USE: IRRIGATION

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
07S	21E	27	NWNE 37	SWNE 37	NENW 40	
			NWNW 27.5	SWNW 37	SENE 39	
			NESW 40	NWSW 39	SWSW 39	
			SESW 40	NWSE 14	SWSE 32	421.5

Total number of acres irrigated: 421.5

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 at Santa Clara Co., this 19th day of October, 1995.

John A. Sanders
(Signature)

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 36-08528

FOR DEPARTMENT USE ONLY

Preliminary check by _____ Fee = 50.00 Received by JW # CO33764 Date 10-23-95

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. 36-08528 with the following;

CONDITIONS OF APPROVAL AND REMARKS

1. This water right is appurtenant to the described place of use.
2. This right is subject to all prior water rights and may be forfeited by five years of non-use.
3. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
4. This right is for the use of trust water and is subject to review 20 years after the issuance of the permit to determine availability of water and to re-evaluate the public interest.
5. Diversion and use of water under this right is subject to an annual use fee if rules are subsequently promulgated which provide for the submittal of the fee.
6. The Director retains jurisdiction of the right issued to change, add or remove any requirement as determined to be appropriate.
7. The following rights are also diverted through the point of diversion described above: 36-02382 and 36-07016.
8. This right is limited to the irrigation of 53.5 acres within the place of use described above in a single irrigation season.
9. Use of this right with the rights listed below is limited to a total combined diversion rate of 5.95 cfs, a total combined annual diversion volume of 1514 af, and to the irrigation of a combined total of 378.5 acres within the place of use described above in a single irrigation season. The combined rights include: 36-02382 and 36-07016.
10. This right when combined with Rights 36-02382 and 36-07016 and all other rights shall provide no more than .02 cfs per acre nor more than 4.0 afa per acre irrigated.

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT

(For Licensing Purposes)

WATER RIGHT NO. 36-08528

Witness my hand this 27TH day of OCTOBER, 1975.

Acting for  KARL J. DREHER, Director

RECEIVED
MAY 26 1992

Department of Water Resources

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

OFFICE USE ONLY
Amt. of Fee \$ 125.00
Date 5-26-92
Receipt No. 0024285
Receipt by [Signature]

PROOF OF BENEFICIAL USE

The Idaho Department of Water Resources considers this form a statement that the permit holder(s) has/have completed all development that will occur under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below. This form must be accompanied by a license examination fee, when necessary, or a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

1. Permit No. 36-08528 Telephone No. (408) 241-6351
2. Name(s) of Permit Holder(s): John A. Sanders
3. Mailing Address: 2107 Hoover Drive, Santa Clara, Calif. 95051
4. Source of Water: Groundwater

If **GROUNDWATER**, Well Driller's Name: Existing Well Date Drilled: 4-28-59

OPTIONAL:

Pump horsepower: 350 Pressure (psi): 75 Dynamic pumping level (ft.): APPROX. 250 ??
and 5 75-hp boosters AT Discharge

5. Extent of Use (as authorized by the permit):

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

Irrigation 53.5 (No. of acres) Other _____

6. Total rate and/or volume for which proof is submitted 1.07 cfs OR _____ acre/feet

7. Refer to the approval conditions on your permit and respond accordingly:

Measuring device: Required? _____ Yes ☒ No _____ Installed? _____ Yes _____ No

OR

Flow Measurement Port: Required? ☒ Yes _____ No _____ Installed? ☒ Yes _____ No

8. Fee Enclosed: \$ 125.00 (See License Fee Schedule on back of Instruction Sheet)

9. Person to contact to accompany the Department representative during field examination of the water system.

John A. Sanders (408) 241-6351
Name Telephone No.
2107 Hoover Drive Santa Clara, Calif. 95051
Address

10. The above information is my true statement of the extent to which the above numbered permit has been completed and I relinquish any undeveloped portion of the permit to the state of Idaho.

MAY 20, 1992
Date

John A. Sanders
Signature (and title, if on behalf of a company or organization)

FILED
JUN 11 1992

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 36-08528

Proposed Priority: March 16, 1990 Maximum Diversion Rate: 1.07 CFS

This is to certify, that **JOHN A. SANDERS**
2107 HOOVER DR.
SANTA CLARA, CA 95051

has applied for a permit to appropriate water from: **GROUNDWATER**
and a permit is **APPROVED** for development of water as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>
-----------------------	----------------------	--------------------------

IRRIGATION	03/15 to 11/15	1.07 CFS
------------	----------------	----------

LOCATION OF POINT(S) OF DIVERSION: SESW Sec. 27, Township 07S, Range 21E
LINCOLN County

PLACE OF USE: IRRIGATION

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
07S	21E	27	NWNE 12.5	SWNE 2	NENW 9	
			NWNW 22.5	SWNW 6	SENW 1	
			SESW 0.5			53.5

Total number of acres irrigated: 53.5

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before July 1, 1992.
2. Subject to all prior water rights.
3. A flow measurement port or other device as specified by the Department shall be installed by the permit holder to provide for the installation of measuring equipment and the determination of the rate of diversion by the Department.
4. Permit holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
5. Any license issued by IDWR pursuant to the permit or portion thereof for the use of trust water is subject to a term review of 20 years after the date of this approval to determine availability of water for the use and to re-evaluate the public interest at the end of the term.
6. Diversion and use of water under this permit is subject to an annual use fee if rules are subsequently promulgated which provide for the submittal of the fee.
7. The Director retains jurisdiction of the permit and/or subsequent license issued to change, add or remove any requirement as determined to be appropriate.
8. The rate of diversion of water for irrigation under this permit and all other water rights on the same land shall not exceed 0.02 cubic feet per second for each acre of land.

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State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 36-08528

This permit is issued pursuant to the provisions of Section 42-204, Idaho Code.
Witness the seal and signature of the Director, affixed at Boise, this

15 th day of July, 1991.

R. Keith Higginson
for R. Keith Higginson, Director

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AUG 01 1991

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

Ident. No. 36-08528

To appropriate the public waters of the State of Idaho

1. Name of applicant John A. Sanders Phone (408) 241-6351
Post office address 3107 Hoover Drive, Santa Clara, Calif. 95051
2. Source of water supply Groundwater which is a tributary of _____
3. Location of point of diversion is _____ $\frac{1}{4}$ of SE $\frac{1}{4}$ of SW $\frac{1}{4}$, Govt. Lot _____
Sec. 27 Township 7S Range 21E B.M. Lincoln County; additional
points of diversion if any: _____
4. Water will be used for the following purposes:
Amount 1.07 for IRRIGATION purposes from 3-15 to 11-15 (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated is (a) 1.07 and/or (b) _____
cubic feet per second acre feet per annum
6. Proposed diverting works:
 - a. Description of ditches, flumes, pumps, headgates, etc. Existing system.
20" x 500' deep well, 350 hp pump and 2 75 hp booster pumps, pipe & sprinklers
 - b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total
reservoir capacity _____ acre-feet; period of year when water will be diverted to storage:
_____ to _____ inclusive.
 - c. ~~Proposed~~ well diameter is 20 inches; ~~proposed~~ depth of well is 500 feet.
 - d. Is ground water with a temperature of greater than 90°F being sought? No
7. Time required for the completion of the works and application of the water to the proposed beneficial use is
1 year years (minimum 1 year).

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8. Description of proposed uses (if irrigation only, go to item 9):

- Hydropower; show total feet of head and proposed capacity in KW. _____
- Stockwatering; list number and kind of livestock. _____
- Municipal; show name of municipality. _____
- Domestic; show number of households. _____
- Other; describe fully. _____

9. Description of place of use:

- If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
7S	21E	27											.5						.5
"	"	"		12.5	2.0														14.5
"	"	"					9.0	22.5	6	1									38.5

Total number of acres to be irrigated 53.5

10. Describe any other water rights used for the same purposes as described above. N/A

11. a. Who owns the property at the point of diversion? Applicant

b. Who owns the land to be irrigated or place of use? Applicant

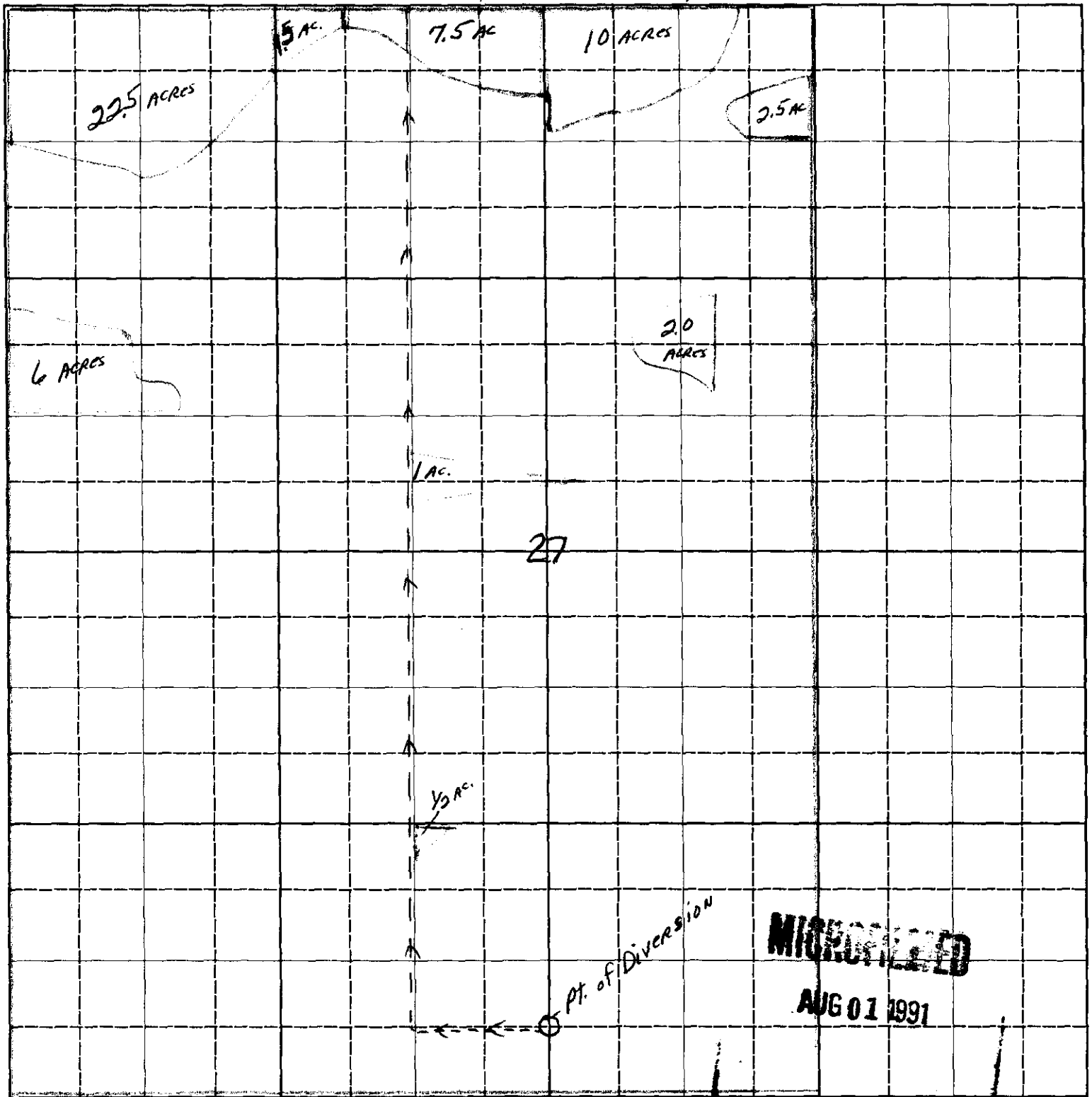
c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing. N/A

12. Remarks:

water Right
The same well serves License Nos. 36-02382 and 27905
(See License 36-7016 and Claim for Expanded use)

AUG 01 1991

13. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number. *West 3/4 of Sec. 27 Twp 7S 21 EBM*



Scale: 8 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.

John A. Sanders
(Applicant)

Received by IG Date 3/16/90 Time 11:00 am Preliminary check by [Signature]

Fee \$ 65⁰⁰ Received by J. E. Stanton # 5011596 Date 3-20-90

Publication prepared by BdM Date 6-12-91 Published in Lincoln County Journal

Publication approved _____ Date _____

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. _____, and said application is hereby _____

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 _____, 19 ____.

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. The water right acquired under this permit if for hydropower purposes shall be junior and subordinate to all rights to the use of water, other than hydropower, within the State of Idaho that are initiated later in time than the priority of this permit and shall not give rise to any right or claim against any future rights to the use of water, other than hydropower, within the State of Idaho initiated later in time than the priority of this permit.

e. Other:

MICROFILMED

AUG 01 1991



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

October 27, 1995

JOHN A SANDERS
2107 HOOVER DR
SANTA CLARA CA 95051

RE: WATER RIGHT NO. 36-08528

Dear Water Right Holder(s):

Enclosed is a copy of the Water Right License issued on the above referenced permit along with a copy of your approved Application for Amendment.

Should you have any questions regarding these documents, please contact me.

Sincerely,

Shelley W. Keen
Water Rights Supervisor

SK:rl

Enclosure

OCT 27 1995



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

October 10, 1995

JOHN A SANDERS
2107 HOOVER DR
SANTA CLARA CA 95051

RE: WATER RIGHT NO. 36-08528

Dear Water Right Holder(s):

The above referenced water right is in the process of being licensed. However, before a license can be issued, your permit must be amended to depict your water right as it has actually been developed.

The enclosed Application for Amendment contains information that will be included on the license when it is issued. The amendment reflects a change in the location of the place(s) of use description. Please review carefully and if you concur, sign the amendment and return with the \$50.00 filing fee within 14 days.

The last page of the Application for Amendment form contains a list of CONDITIONS/REMARKS proposed for the license when it is issued. These conditions/remarks may be modified upon further administrative review.

If you do not concur, or if you have any questions about this information, please contact me as soon as possible. My telephone number is (208) 327-7946.

Sincerely,

Shelley W. Keen
Water Rights Supervisor

SK:rl

Enclosure

301-71935

M E M O R A N D U M

DATE: October 6, 1995

TO: File 36-8528

FROM: Shelley W. Keen (SWK)

RE: Coordination with SRBA staff

=====

Before sending the amendment request to correct the place of use for this right, I met with Roxanne McCarthy and Nick Spencer of the SRBA staff to be sure that they are comfortable with the licensing recommendations. One of the overlapping rights recommended in the Basin 36 Director's Report was a second presumption expansion claim that is now in limbo because of the appeal to the supreme court of the waiver statute ruling and because the right holder objected to the recommendation. Neither Roxanne nor Nick saw any major pitfalls that would arise from simply ignoring the expansion (waiver) claim when licensing this right.

LICENSE REVIEW CHECKLIST

PERMIT NO. 36-08528 DATE 8-30-95



NAME	Change ☐ OK ☒	Or Address Change? ☐
PRIORITY DATE	☐ ☒	Advance? ☐ Advanced to: ☐ Order to reinstate needed? ☐ Incorrect fee for rate recommended? <u>NO</u>
SOURCE	☐ ☒	Changes or just clarification of originally intended source? ☐ Notice of Intent to Void necessary? ☐
POINT OF DIV	☒ ☒	Amendment needed? ☐ Overlaps? <u>36-02382, 36-07016, 36-10174</u> EXPANSION CLAIM
PLACE OF USE	☒ ☐	Amendment needed? <u>PPU RECOMMENDATION</u> Overlaps? <u>36-02382 36-07016 36-10174</u> EXPANSION CLAIM
DIV RATE	☒ ☐	Permit/fee limits: <u>1.07 cfs / 53.5 ACRES</u> Meas Q = <u>1995 Theo Q = 5.95</u> Recommend: <u>.60</u> <u>421.5 ACRES FOUND IN TOTAL PUL</u> <u>allow total of: 2.85 (2382) + 40 (7016) + 53.5 = 378.5</u>
CAPACITY = 5.95		
OTHER TOTAL 5.35		
AVAILABLE .60		Combined rates exceed capacity <u>YES-CONDITION</u>
ANNUAL VOLUME	☐ ☒	(NEW) Volume Limit: ☐ Season: <u>C/4 (4-1 to 10-31)</u> Calculations: <u>378.5 x 4 = 1514</u> <u>53.5 x 4 = 214</u> <u>(421.5 IN PPU AREA)</u> Flow limit: ☐ cfs x ☐ x 1.9835 = ☐ Combined volumes exceed capacity/allowable ☐
USES	☐ ☒	Change in Nature of Use or additional uses? ☐ Amendment necessary? ☐
ADDITIONAL INFO		Supplemental Groundwater <u>NO</u> PPU Scenario <u>YES</u> Irr/Dom Combination <u>NO</u> Shared G/W System <u>YES</u>
NEW REMARKS	<u>NO</u> <u>YES</u>	Multiple p/d(s) in $\frac{1}{4}$ $\frac{1}{4}$? ☐ Other <u>W36 (3) - W27 (53.5) - W28 (5.95/1514/378.5)</u> <u>W34 (2)</u>
NEW CONDITIONS	☒ ☒ ☒ <u>YES</u> <u>1</u>	Watermaster control - District ☐ Measuring/Locking Devices ☐ Irrigation Overlap ☐ Other <u>R55 R56 R57</u> Water Quality ☐ Heat/Cool/Fish verified ☐

COMMENTS: Expansion claim not included at this point - it is for 52 acres - this permit will cover 53.5 when licensed. Acres above allowed rights will be recommended on the expansion claim (will need to be reduced)

AMEND PUL

RECOMMENDATION	CFS	VOLUME	SRBA Claim Filed	<u>NO</u>
<u>Irrigation</u>	<u>.60</u>	<u>214</u>	Adjustment Memo Needed	<u>YES</u>
		<u>(In Remarks)</u>	LICENSE	
			1ST AMEND LETTER	<u>P41 + P38</u>
			2ND AMEND LETTER	<u>P42</u>

OVERLAP REVIEW ANALYSIS

PERMIT NO: 36-08528

NAME: John A. Sanders

POINT OF DIVERSION: SESESW, SEC. 27, 7S, 21E

PLACE OF USE: NWNE(12.5 acres), SWNE(02 acres), NENW(09 acres),
NWNW(22.5 acres), SWNW(06 acres), SENW(01 acre), & SESW(.5 acre)
of SEC. 27, 7S, 21E

PERMIT RATE: 1.07 cfs

OVERLAP

RECOMMENDATION FOR ADJUDICATION CLAIMS 36-2382, 36-7016, 36-10174

POINT OF DIVERSION: SESESW, SEC. 27, 7S, 21E

PLACE OF USE: NWNE(23 acres), SWNE(35 acres), NENW(34 acres),
NWNW(16 acres), SWNW(27 acres), SENW(38 acres), NESW(40 acres),
NWSW(39 acres), SWSW(39 acres), SESW(40 acres), NWSE(14 acres), &
SWSE(32 acres) of SEC. 27, 7S, 21E

RECOMMENDED RATE: 5.35 cfs

RESULTS OF EXAMINATION

POINT OF DIVERSION: SESESW, SEC. 27, 7S, 21E

PLACE OF USE: NWNE(37 acres), SWNE(37 acres), NENW(40
acres), NWNW(27.5 acres), SWNW(37 acres), SENW(39 acres), NESW(40
acres), NWSW(39 acres), SWSW(39 acres), SESW(40 acres), NWSE(14
acres), & SWSE(32 acres) of SEC. 27, 7S, 21E

THEORETICAL RATE: ~~5.61 cfs~~ 5.95

MEASURED RATE: 5.57 cfs

CALCULATIONS

$5.95 / 421.5 = 0.01412 \text{ cfs/acre}$
CURRENT RATE PER ACRE: ~~5.57 cfs / 421.5 acres = 0.01321 cfs/acre~~
OLD RATE PER ACRE: $5.35 \text{ cfs} / 377 \text{ acres} = 0.01419$
DIFFERENCE: -0.0020 cfs/acre

$53.5 \times 0.01412 = 0.755$
FLOW RATE FOR NEW ACRES = ~~39 acres * 0.01321 cfs/acre = 0.52 cfs~~
TOTAL FLOW RATE RECOMMENDED FOR THIS PERMIT = ~~0.52 cfs~~ 0.755
TOTAL LICENSED FLOW RATE AFTER RECOMMENDED IS GRANTED = 5.87 cfs

CONDITIONS

License will be appurtenant only to new land. No condition is needed to evenly distribute the water. Total licensed flow exceeds the capacity, therefore, the following condition must be imposed.

The maximum combined rate of diversion under this permit and recommended adjudication claims 36-2382, 36-7016, & 36-10174 shall not exceed ~~5.57 cfs~~.

5.95

OCT 27 1995

Edits by DJ, 7/31/95

DATE: July 22, 1993

FROM: Brett Barry

SUBJECT: P36-8528-Field Exam Narrative/Comments

A 350 H.P. deep turbine well with a 150 H.P. booster supplies water for approximately 421.5 acres. A low pressure pivot and 3 in and 4 in handlines run off a buried mainline.

This permit is requesting additional acres that were expanded from adjudication claims 36-2382, 36-7016, and 36-10174. This permit overlaps P/D with these claims.

A first visit to this farm on July 17, 1992 was conducted. I met with Mr. Sanders and went over the P/D and P/U with him. The aerial map from Lincoln County wasn't recent enough to show the acres on this permit.

A second visit to this farm on September 3, 1992 was conducted. I met with Rusty Gillitte who leases the farm from Mr. Sanders to obtain a measurement on this system. A Polysonics ultrasound flowmeter was used to find the system could produce an average of 5.07 cfs. At the time of the measurement only one 75 H.P. booster was in use, usually the system had two 75 H.P. boosters. Later in the week, the acreage of the 1992 aerial slide of this farm at the Lincoln County ASCS office was traced onto the 1987 aerial map of this farm. Most of the acres on this permit were developed except in the NWNW corner. Part of the system's surface mainline runs over this rocky, rocky ground. During both visits, I examined this controversial area. Both times parts of the acreage on the permit were shown not to have been irrigated. The aerial slide supported this conclusion. I find no reason to license acreage just because the surface mainline runs across it. A very small amount of water does leak from this mainline but it does not produce acreage for farmland or any other beneficial reason.

P/U
issue

Mr. Sanders requested a re-examination of diversion rate from his deep turbine well and boosters. Gary Spackman and Mr. Sanders corresponded several times via phone conversation and letters. These letters are attached in the file. Gary Spackman acknowledged the re-examination fee from Mr. Sanders but stated that any reconstruction of the bowls was acceptable, but any enlargement of the pump or motor would abort the re-examination attempt.

On July 21, 1993, Mel Schulte and I met with Rusty Gillitte to conduct this re-examination. The Polysonics ultrasound flowmeter was used to obtain a discharge rate of 5.57 cfs. The irrigated acreage was the same as the year before but the two 75 H.P. boosters were consolidated to one 150 H.P. booster.

SEP 27 1993

Mr. Sanders did file an objection to the adjudication recommendations. This permit recommendation is based on the adjudication recommendations holding and may change if those recommendations change.

The motor make and horsepower of the original 75 H.P. booster:
Lincoln A.C. Ser. #1441880

The motor make and horsepower of the other 75 H.P. booster was not available.

OCT 27 1996



State Idaho
DEPARTMENT OF WATER RESOURCES

Southern Region, 222 Shoshone St. East, Twin Falls, Idaho 83301-6105 (208) 736-3033
Fax (208) 736-3037

July 25, 1995

PHILIP E. BATT
Governor

KARL J. DREHER
Director

CORRESPONDENCE

JOHN SANDERS
2107 HOOVER DRIVE
SANTA CLARA, CA 95051

RE: LICENSING ON PERMIT 36-08528

Dear Mr Sanders:

At long last, and with your extraordinary patience, I have evaluated all the data associated with the field exam and Snake River Basin Adjudication claims. Since it has been some time between the exam, our last conversation, and this correspondence the following summarizes the situation:

- 1) There are two water right licenses on the property for a total of 325 acres and 5.35 cfs.
- 2) At some point the system was changed from gravity irrigation to pressure sprinkler delivery. Additional land was put into production without benefit of water right permit.
- 3) Adjudication claims were filed for the licenses and the acreage enlargement. The enlargement claim made under a statute which was ruled unconstitutional, it was replaced with a statute recently ruled constitutional. The new statute would provide additional volume of water, but not diversion rate. Enlargement claims will be reprocessed, public notice given, and rerecommended to the court eventually.
- 4) Growth plans at the farm necessitated filing an application for water right to develop more land and pump more water, permit 36-08528 was ultimately issued.
- 5) IDWR's initial field exam indicated no additional water was being pumped. At your request another exam was made after you worked on pump bowls and replaced the two 75 hp boosters with one new 150 hp booster.
- 6) Results of the second exam were again less than you expected. It was late in the season and the system could not be operated to peak capacity so a double check by IDWR on the measured rate wasn't possible. You retained Robin Wells to measure the system capacity.

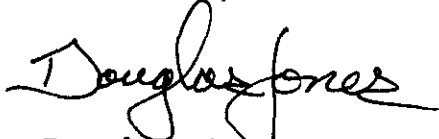
July 25, 1995
page 2

Although IDWR is not obligated to utilize Wells' results, I did ask to review the data and they were subsequently sent to me.

Based on the sequence of events, the interest that you've shown in optimizing your diversion rate, and our earlier conversations, I am making the assumption that you want to license the permit for the maximum acres allowable. This assumption would provide additional capacity at the pump, but decrease your enlargement claim. The total acreage at the place of use would be limited to 421.5 acres (NOT the $325 + 53.5 + 52 = 430.5$). I am planning to recommend a diversion rate of 5.95 cfs which was derived using input parameters from Well's efficiency review of the pumping plant. This is more diversion than either IDWR sonic test result, but less than Wells'. Please keep in mind that the exam results will be forwarded to Boise for ultimate disposition.

Please get in touch if you have any questions about my results. I will forward the file in about one week to give you a chance to inquire. Thank you again, sir, for your patience and consideration through this matter.

Sincerely,

A handwritten signature in cursive script that reads "Douglas Jones".

Douglas Jones, P.E.
Water Rights Supervisor
Adjudication Unit

Jul 27 1995



State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region, 222 Shoshone St. East, Twin Falls, Idaho 83301 (208) 736-3033

CECIL D. ANDRUS
Governor PHILIP E. BATT

R. KEITH HIGGINSON
Director

April 26, 1995

JOHN SANDERS
2107 HOOVER DR
SANTA CLARA, CA 95051

RE: STATUS OF PERMIT 36-8528

Dear Mr Sanders:

Enclosed are copies of the water right permit, proof of beneficial use, and proof acknowledgement letter as requested. In summary, you have completed your responsibility and it is up to IDWR to complete the final paper license. Presently, licensing exam processing is as I left it earlier this year, when I moved into a new position with the Department. I foresee that I will be able to complete that processing in the next couple months, barring unexpected delays due to SRBA process deadlines.

I apologize for the inconvenience this has caused you. I would also like to thank you for your periodic communications regarding this matter. Do not hesitate to write or call as the need arises.

Sincerely,

Douglas Jones, P.E.
Water Rights Supervisor

enc

OCT 27 1995



State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region, 222 Shoshone St. East, Twin Falls, Idaho 83301 (208) 736-3033

CECIL D. ANDRUS
Governor

R. KEITH HIGGINSON
Director

06-Aug-1993

Mr. John Sanders
2107 Hoover Drive
Santa Clara, CA 95051

Dear Mr. Sanders:

On July 21st Brett Barry and myself met with Rusty Gillette to remeasure the diversion from your irrigation well.

The equipment we used to measure the flow rate was the same Tyme-Flyte polysonic flowmeter used on 9-3-92. The flow rate we calculated on July 21st was 2498 gpm or 5.57 cfs. This compares to the 9-3-92 measurement of 2276 gpm or 5.07 cfs.

Based on the diversion rate of 5.57 cfs and the information obtained during field exams in September 1992 and July 1993, we have recommended 39 acres and .52 cfs for permit 36-08528. The combination of all your water rights for the subject farm will now license the entire system diversion rate of 5.57 cfs.

If you have any questions please call me at 736-3033.

Cordially,

Mel Schulte
Sr. Water Rights Agent

OCT 27 1993

JOHN A. SANDERS FAMILY LIMITED PARTNERSHIP
2107 HOOVER DRIVE
Santa Clara, CA 95051

NOV 09 1994
Department of Water Resources
Southern Region Office

Dept. of Water Resources
222 Shoshone St., East
Twin Falls, Idaho 83301

November 7, 1994

Dear Doug,

Thank you for your phone call last week. I appreciate that.

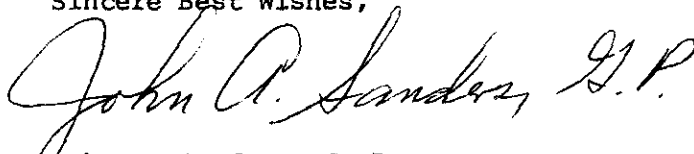
After our telephone conversation and after thinking everything over, and since everything has been done that to my knowledge can be done, including the well testing, and the latest well-tests clearly show that the well is producing 2813 gpm; we now ask that you issue the License on 36-08528 (53.5 acres).

Please expedite this action ASAP so that we have a License status on the full 378.5 acres (285 acres + 40 acres + 53.5 acres = 378.5 acres).

We have already petitioned the Court asking them to bring 36-10174 to License status and that is now in due process, therefore, we request that you also recommend that the 52 acres of 36-10174, now in 'Beneficial Use' also be meanwhile placed in a 'Permissible Place of Use' category until we obtain a decision from the court.

Thank you kindly,

Sincere Best Wishes,


John A. Sanders, G. P.

P.S. Please know that we sincerely appreciate all the help you and others in your office have given us in these matters.

OCT 27 1994

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
AUG 25 1995

Department of Water Resources

A. GENERAL INFORMATION

Permit No. 36-8528

1. Owner: Sohn A. Sanders Phone No. (408) 241-6351

Current Address: 2107 Hoover Drive Santa Clara CA 95051

2. Accompanied by: Sohn Sanders/Rusty Gillette/Rusty Gillette EXAM DATE: 7-17-92/9-3-92/12-1-93
& Piet Schutte, IDWR

Address: _____ Phone No. 678-0248-mobile
at beep 1342

Relationship to Permit Holder: tenent of Sohn Sanders

3. Source: groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None

2. Other water rights with the same point of diversion: R36-2382, R36-7016, R36-10174

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

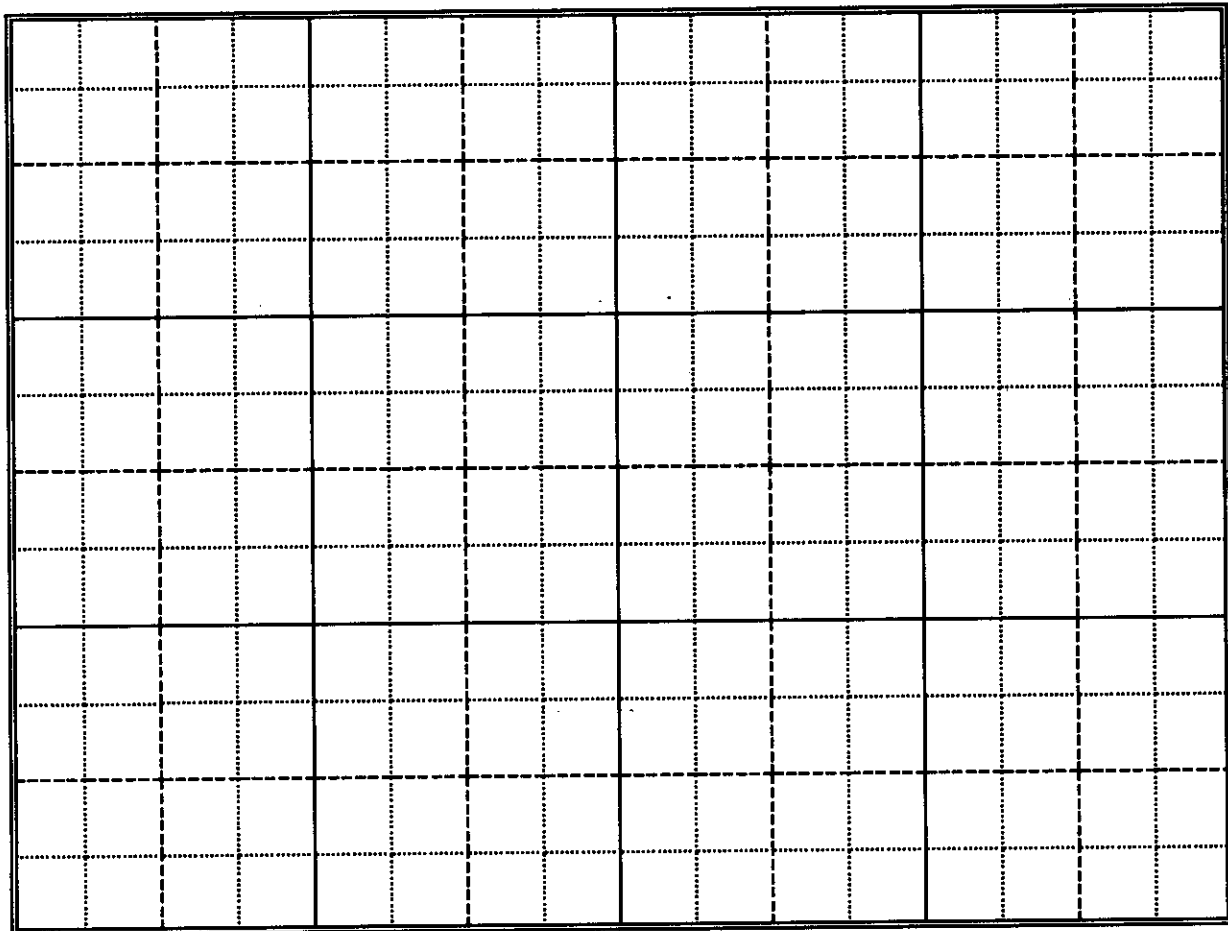
Ident No.	Gov't Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
		SE	SE	SW	27	07S	21E	Lincoln	Aerial Photo, Inspection

2. Place(s) of Use: (Permissible) Indicate Method of Determination Aerial Photo (1992 slide)

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
07S	21E	27		125	2		6	115	6						1				39.0
				37	37		40	275	37	39	40	39	39	40	14	32			421.5

IV
7/29/95

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



Scale: 1" = _____ see attached diagram

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

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

☒ 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
	General Electric	350	ASS124012	Bryant-Sutton	TS150348 ^{Rated!} 2700 gpm at 425'
	Toshiba	150	41694110	Aurora	TS-16643

*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
Polysonic	Tyner Flyte	Polysonics	TF-P	N7H5806		

2. Measurements: With the polysonic on 7-21-93, Mel Schulte + I measured a diversion rate (avg.) of 2498 gpm or 557 cfs. A computer printout is attached.

E. NARRATIVE/REMARKS/COMMENTS

see attached pages of D Jones Memo

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

OCT 27 1995

✓ Additional Computation Sheets Attached

G. VOLUME CALCULATIONS

All ^{SRBA} claims and this permit

$$V_{I,R} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = (421.5) \times (4.0) = 1686 \text{ a/c}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = (5.57 \text{ cfs})(214)(1.9835) = 2364 \text{ ac-ft}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 1686 \text{ atm}$$

Allocated to Rec. Adj. claims 36-2382, 36-7016, ^d 36-10174

$$377 + 4 = 1508 \text{ at a}$$

Allocated to this permit 36-8528

~~$39 \times 4 = 156$~~ cfa

$$53.5 \times 4 = 214 \text{ afd}$$

In combination w/ licenses 36-02382, 36-0716
diversion is limited to 5.45 cfs and 1514 acs
for use on 378.5 acres

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	<u>4</u> / ^{From}	<u>10</u> / ^{To}		
Irrigation	<u>1</u>	<u>31</u>	~~0.52 cfs~~	~~156 ac-ft~~
			0.255	214
Totals:			~~0.52 cfs~~	~~156 ac-ft~~
			0.255	214

☐ 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

Field Examiner's Name Brett Bailey Date 7-27-93

Reviewer _____ Date _____

SEAL

* See adjustment memo. BC

MEMORANDUM

TO: File 36-08528 / John Sanders
FROM: Brenda Chapman
DATE: August 30, 1995
RE: Recommendation Adjustment(s)

=====

The final licensing recommendations for the above referenced water right are based on the information below:

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use	Rate of Div	Annual Vol
Irrigation	4-01 to 10-31	.60	2.14 (in remarks)

Since the permit was for additional water for new acres, the recommendation is to license the remaining portion of the system's capacity rather than using the system rate per acre.

MEMORANDUM

TO: FILE 36-8528, JOHN SANDERS
FROM: DOUGLAS JONES
DATE: 2/2/95, 7/24/95, 7/31/95
RE: FIELD EXAM REVISITED

The following is a summary of what has transpired with this exam:

DIVERSION RATE ANALYSIS

- 1) A field exam was conducted in 1992 with a resulting flow measurement of 5.07. Only one of the two 75 HP boosters was running at the time of the measurement. No operating pressures anywhere in the system were noted in the file.
- 2) A re-examination was authorized at the owners expense due to poor pumping conditions during the first exam's measurement. The re-exam was conducted in July, 1993. The pump bowls had been reworked that Spring and the examiner subsequently measured 5.57 cfs. The system had been modified slightly by replacing the two 75 HP boosters with a 150 HP booster. This booster was operating at the time of the re-exam.
- 3) The owner was incredulous that the amount of water was still less than he "knew" was actually being pumped. By the time I received the exam for review it was very late in the irrigation season.
- 4) I noticed in the photos that the available measurement locations in the system are questionable due to bend, valve and pump proximities.
- 5) I said that I would not make another measurement, but that his consultant, Robin Wells, could do so and provide information to me for review and evaluation. I said that I was skeptical about the results because the system could not be operated to capacity due to the lateness of the season (handlines were stacked already).
- 6) The information provided by Robin Wells indicated that he configured the system to produce a discharge pressure of 3 psi at the gage near the pump (purportedly the usual operating pressure).
- 7) Wells performed a Collins meter measurement and also a pump plant efficiency exam on 11/18/93. Information was submitted to support the owner's target flow amount of 6.27 cfs (2800 gpm).
- 8) It is not clear where on the plumbing Wells measured using the Collins meter. Photos from '92 and '93 seem to show access ports along the leg of pipe bypassing the booster and just ahead of a valve. It appears that his location does not have the recommended length of straight pipe ahead and behind the measuring ports.

NOTED
OCT 27 1995
OCT 27 1995

P36-08528, Sanders
July 31, 1995
page 2

9) IDWR's two measurements were taken about five diameters below a valve and bifurcation, on the leg leading toward the booster. The T(0) check on the most recent polysonic measurement gave a reasonable figure of 101.08% of the expected travel time value.

10) IDWR is not obligated to accept Wells' measurement. I conclude that Wells' measurement may be suspect based on measurement location and operational assumptions (such as contrived back pressure) for verisimilitude of irrigation season conditions.

11) At this point we have measurements of: 5.07 (9/92, IDWR), 5.57 (7/93, IDWR) & 6.27 (11/93, Wells).

12) Gary Spackman's letter of 12/23/92 indicates that the horsepower of the system could not be increased or it would negate the re-exam. As noted above, the owner has replaced two 75 HP boosters with one 150 HP booster. Operating conditions between the two set-ups could be different (i.e. two pumps could interfere with each other, impellers on old boosters may have been worn and less efficient, etc) leading to increased capacity of the '93 system. Sanders has followed the letter of Spackman's restrictions (no increase in horsepower), but did modify the system apart from bowl reconstruction. In my opinion this departure will not invalidate the re-exam.

13) A theoretical rate was calculated for the system on 7/93, documented in file, indicating a flow rate of 5.61 cfs. This calculation used assumptions and estimates provided by the system operator and name plate data.

14) I calculated the theoretical rate of flow based on input from measurements provided by Robin Wells. This calculation resulted in a rate of flow of 5.95 cfs, based on the 11/93 operating conditions (i.e. 3 psi back pressure, 410' DPL, 403 input HP, 70% eff).

15) Recalculation of the 7/93 theoretical analysis using Wells' 11/93 pump data (403 input hp + 150 hp booster), a more typical pressure of 70 psi below the booster (instead of 60 psi estimate), and a DPL=410 indicates that a flow of 5.96 cfs could be developed. These operating condition assumptions may more accurately reflect the set-up during the 7/93 measurement than those used to calculate the 5.61 cfs. For comparison: @ 80 psi Q=5.73 cfs., @ 60 psi Q=6.21 cfs.

16) Assuming the average theoretical discharge of 5.95 cfs is correct IDWR's polysonic meter yielded a result 6.8% low. Wells' Collins meter measurement is 5% high. Assuming Wells' measurement is correct, IDWR's measurement is 11% low which is not likely given the good T(0) check.

OCT 27 1995

P36-08528, John Sanders
July 31, 1995
page 3

17) Review of Polysonic Corp. technical material indicates that IDWR's set-up location may be less than optimal, due to proximity to bends, etc. In conditions such as encountered during this exam the company recommends that measurements be made on both sides of the pipe (i.e. 10 o'clock & 2 o'clock) - this was not done for this exam.

18) I recommend that the diversion rate for this right be licensed for 5.95 cfs. This represents a compromise and seems to be supported by agreement between two operating conditions, (with and without booster) and using measured input.

PLACE OF USE ANALYSIS

1) A separate issue involving the place of use is also affecting this exam. This permit is within IDWR's Water Basin 36 - an SRBA test basin. IDWR has recommended rights for this farm which include an expansion-of-acreage claim. This expansion was based on one of the "presumption" statutes ruled unconstitutional and replaced with new legislation, 42-1426, recently ruled constitutional by the Idaho Supreme Court.

2) Permitted acres are for those not included in the expansion claim.

3) Fewer acres were developed within the tracts than described in the permit.

4) I have held on to the license review because of the pending hearings on the expansion issue and whether the expansion or enlargement statutes would be upheld.

5) My rationale for holding on to the exam was that the license exam recommendation could reflect acres that are developed and/or included on the expansion claim if that claim is disallowed in the adjudication.

6) Discussion with the owner at the time of the re-exam indicated that he was willing to hold off processing the exam in order to optimize his irrigation acreage if the expansion was accepted and the permit licensed as developed.

7) During subsequent discussion the owner informed me that he wanted to get this licensed to the limit of the permitted acres.

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P36-08528, John Sanders
July 31, 1995
page 4

8) The Dept exam on this right found that 32.5 acres were developed within the original 53.5 acres permitted. The remaining acres under the permit (21 ac) could be described within the area described in the expansion/enlargement claim via a licensing amendment.

9) Because the system is served by one well for more acres than legal water rights exist I recommend that a permissible place of use be created for this in combination with other licenses for use within 421.5 acres. In combination with 36-02382 & 36-07016 this right is limited to the irrigation of 378.5 acres within the permissible place of use for a total of 1514 acre feet with a system capacity of 5.95 cfs.

10) Should the enlargement claim ultimately be decreed then all rights in combination are limited to the 421.5 acres, 5.95 cfs, and 1686 acre feet. I am reluctant to include the enlargement claim in the licensing conditions for this permit. I recommend that the SRBA staff be consulted before licensing is finalized because the enlargement claim may need to be amended or the conditions/remarks modified to limit the acres and volumes represented by the claim.

RECEIVED
OCT 27 1995

MODE SELECT
INPUT

OUTER DIAMETER
12.1356 IN

PIPE MATERIAL
? CS, SS

WALL THICKNESS
0.1100 IN

INNER LINING
? NO LING.

KIND OF FLUID
? WATER

SENSOR MOUNTING
? U

TYPE OF SENSOR
? SMALL

DATA CHANGE
? NO

SPACING
9.361 IN U

ZERO MODE
CLEAR

ZERO MODE
AUT ZERO

MODE SELECT
TO CHECK

DAMPING SET
15 SEC

ZERO MODE
ZERO OPR

7-21-93

with
Rusty
bottle

07-21 14:0900 *R
+ 2.496E 3GPM

07-21 14:0900 *R
+ 2.506E 3GPM

07-21 14:1000 *R
+002.80 % AI2

MODE SELECT
TO CHECK

0450.1 MMSEC
101.00 % T0

07-21 14:1100 *R
+ 2.499E 3GPM

07-21 14:1200 *R
+ 2.494E 3GPM

07-21 14:1700 *R
+ 2.493E 3GPM

07-21 14:2000 *R
+002.80 % AI2

MODE SELECT
TO CHECK

0450.1 MMSEC
101.00 % T0

07-21 14:2100 *R
+ 2.502E 3GPM

07-21 14:2200 *R
+ 2.496E 3GPM

Aug.
2498 gpm
or
557 dts

UNRECORDED

7 1995

7/21/93

36-08528
Sander

GROUNDWATER MEASUREMENT REQUIREMENT ANALYSIS

FILE: 36-8528

DATE: 7-21-93

BY: Brent Bannif

THEORETICAL RATE OF FLOW:

$$Q = \frac{(8.8) \times (\text{H.P.}) \times (\text{EFF.})}{\text{TDH}}$$

Q = CFS

H.P. = 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 zero [0])

$$Q = \frac{(8.8) \left(\frac{500 \text{ H.P.}}{(\dots)} \right) (0.70)}{[(.410' \dots) + (\dots \text{psi} \dots \times 2.31)]} = 5.61 \text{ cfs}$$

LIFT FROM:

measurement ()

owner ()

area estimate ()

well logs ()

other () ☒ Booster (Y) (N)

REMARKS The person that leases the farm (Rusty Little) was responsible for providing the believed lift. Also this corresponds to engineer's (Robin Wells) calculation of lift.

PSI FROM:

measurement ()

owner ()

estimate ()

owner gage ()

NOTES ON PUMP:

Motor Make, Serial or ID

350 H.P. General Electric Ser# A55124012

Pump Make, Serial or ID, rating

Booster: 150 H.P. Toshiba Ser# 41644110

Main Pump: Byron Jackson Ser# 73150348

2700 G.P.M. at 475' lift

Booster Pump: Aurora Ser# 73-16643

ANNUAL VOLUME ANALYSIS

$$\text{POTENTIAL Acre Feet/Acre/Annum} = \frac{(\text{DAYS IN SEASON}) \times (1.98) \times (Q)}{(\text{RECOMMENDED ACRES IRRIGATED})}$$

(season)	(days)	
3/15 - 11/15	246	(.....) X (1.98) X (.....)
4/1 - 11/1	215	POTENTIAL =
4/15 - 10/15	184	
3/1 - 12/1	276	(.....)

POTENTIAL =

REQUIRED Acre Feet/Acre/Annum =

(AF/Ann/Ac irrigation requirement from chart for area)

NOTE that this is NOT Consumptive use

IF POTENTIAL IS GREATER THAN REQUIRED THEN NO MEASUREMENT NECESSARY ()

IF POTENTIAL IS LESS THAN REQUIRED THEN MEASUREMENT IS NECESSARY ()

OCT 27 1993

MODE SELECT
INPUT

OUTER DIAMETER
10.1262 IN

PIPE MATERIAL
? CS-SS

WALL THICKNESS
0.1300 IN

INNER LINING
? NO LING.

KIND OF FLUID
? WATER

SENSOR MOUNTING
? U

TYPE OF SENSOR
? SMALL

DATA CHANGE
? NO

SPACING
7.664 IN U

ZERO MODE
CLEAR

ZERO MODE
AUT ZERO

ZERO MODE
ZERO OPR

09-03 10:2800 *R
+002.60 % AI2

DAMPING SET
15 SEC

MODE SELECT
TO CHECK

0371.5 MMSEC
100.78 % TO

MODE SELECT
INPUT

MODE SELECT
INPUT

OUTER DIAMETER
10.1264 IN

PIPE MATERIAL
? CS-SS

WALL THICKNESS
0.1299 IN

INNER LINING
? NO LING.

KIND OF FLUID
? WATER

SENSOR MOUNTING

TYPE OF SENSOR
? SMALL

DATA CHANGE
? NO

SPACING
7.664 IN U

ZERO MODE
CLEAR

ZERO MODE
AUT ZERO

MODE SELECT
INPUT

OUTER DIAMETER
12.0894 IN

PIPE MATERIAL
? CS-SS

WALL THICKNESS
0.1100 IN

INNER LINING
? NO LING.

KIND OF FLUID
? WATER

SENSOR MOUNTING
? U

TYPE OF SENSOR
? SMALL

DATA CHANGE
? NO

SPACING
9.321 IN U

ZERO MODE
CLEAR

ZERO MODE
AUT ZERO

ZERO MODE
ZERO OPR

09-03 11:2400 *R
+002.90 % AI2

09-03 11:2400 *R
+ 2.259E 36PM

DAMPING SET
15 SEC

MODE SELECT
TO CHECK

0450.6 MMSEC
101.59 % TO

09-03 11:2500 *R
+ 2.278E 36PM

09-03 11:2500 *R
+ 2.252E 36PM

09-03 11:2700 *R
+ 2.278E 36PM

09-03 11:2700 *R
+ 2.281E 36PM

09-03 11:3800 *R
+ 2.270E 36PM

09-03 11:3800 *R
+ 2.275E 36PM

*changed
to
different
location*

Micro

OCT 27 1995

*Aug.
2276.4
gpm
or
507 d/s*

9/3/92

36-08528
Sander

GROUNDWATER MEASUREMENT REQUIREMENT ANALYSIS

FILE: 36-8528
DATE: 9-21-92
BY: Brett Barry

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

Q = CFS
H.P. = 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 zero [0])

$$Q = \frac{(8.8) \times (425 \text{ H.P.}) \times (0.70)}{[(425') + (.60 \text{ psi} \times 2.31)]} = 4.65 \text{ cfs}$$

LIFT FROM:	PSI FROM:	NOTES ON PUMP:
measurement ()	measurement ()	Motor Make, Serial or ID
owner ()	owner ()	350 H.P. General Electric 7511.P. Lincoln A.C.
area estimate ()	estimate (✓)	Pump Make, Serial or ID, rating
well logs ()	owner gage ()	WAS 5124012 #144188G
other (✓) Booster (Y) (N)		Briggs & Stratton #73150348 Rated: 2700 gpm at 425' head

REMARKS The person that leases the farm (Patty Billitte) thought the water level was between 425' to 450'. The rating on the turbine says 2700 gpm at 425' head of feet. The rating plate corresponds to when this system was gravity irrigation.

ANNUAL VOLUME ANALYSIS

POTENTIAL Acre Feet/Acre/Annum = $\frac{(\text{DAYS IN SEASON}) \times (1.98) \times (Q)}{(\text{RECOMMENDED ACRES IRRIGATED})}$

(season)	(days)	
3/15 - 11/15	246	
4/1 - 11/1	215	
4/15 - 10/15	184	
3/1 - 12/1	276	

POTENTIAL = $\frac{(214 \text{ days}) \times (1.98) \times (4.65 \text{ cfs})}{(416 \text{ acres})}$

POTENTIAL = 4.74 ac-ft/ac

REQUIRED Acre Feet/Acre/Annum = 4.0 ac-ft/ac
(AF/Ann/Ac irrigation requirement from chart for area)
NOTE that this is NOT Consumptive use

IF POTENTIAL IS GREATER THAN REQUIRED THEN NO MEASUREMENT NECESSARY ()

IF POTENTIAL IS LESS THAN REQUIRED THEN MEASUREMENT IS NECESSARY ()

001 071995

GROUNDWATER MEASUREMENT REQUIREMENT ANALYSIS

FILE: 36-08528
DATE: 2/2/95
BY: D Jones

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

Q = CFS
H.P. = 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 zero [0])

$$Q = \frac{(8.8) \times (\dots \underline{403} \dots) \times (0.70)}{[(\dots \underline{410} \dots) + (\dots \underline{3} \dots \times 2.31)]} = \underline{5.95 \text{ cfs}}$$

LIFT FROM:
measurement ☒
owner ☒
area estimate ()
well logs ()
Booster (Y) (N)

PSI FROM:
measurement ☒
owner ☒
estimate ()
owner gage ()

NOTES ON PUMP:
Motor Make, Serial or ID
350hp GE Ser # A11124012
Pump Make, Serial or ID, rating
BJ Ser # 23150348
Booster: 150 hp Toshiba Ser # 41644110

REMARKS

Horsepower from wells' efficiency exam; lift from previous theoretical calculation & based on operator info; input pressure from operator and wells' eff. exam

ANNUAL VOLUME ANALYSIS

POTENTIAL Acre Feet/Acre/Annum = $\frac{(\text{DAYS IN SEASON}) \times (1.98) \times (Q)}{(\text{RECOMMENDED ACRES IRRIGATED})}$

(season)	(days)	
3/15 - 11/15	246	
4/1 - 11/1	215	POTENTIAL = $(\dots) \times (1.98) \times (\dots)$
4/15 - 10/15	184	
3/1 - 12/1	276	$(\dots)$

POTENTIAL = _____

REQUIRED Acre Feet/Acre/Annum = _____
(AF/Ann/Ac irrigation requirement from chart for area)

NOTE that this is NOT Consumptive use

IF POTENTIAL IS GREATER THAN REQUIRED THEN NO MEASUREMENT NECESSARY ()

IF POTENTIAL IS LESS THAN REQUIRED THEN MEASUREMENT IS NECESSARY ()

001276

DATE : Nov 19, 1993

TO : IDWR, TF

FROM : Robin D. Wells, P.E.
: Office in Twin Falls, Idaho.

FAX PHONE :

VOICE PHONE : 1-208-733-7352

MESSAGE : This is the data from the test on the Sanders/
: Thompson well from the test on 11/17/93.

36-08528
Sanders

12-8-94

Robin Wells

Data for

Sanders Pump

(Thompson)

Flow Data

$P = 11.8$

$V = 7.9, 8.3, 8.5, 8.3$

$L = 405$

Static 400

Test Date

11-17-93

OCT 27 1995

PT12392.2-rdw
ver 07/12/92

POST PUMP TEST FORM

*** Snake River Consulting ***

Page PT1A

-Irrigator Name: John Sanders / Thompson Inspection #: SRC026aX
-Analysis Date: 11/18/93 Inspection Date: 11/17/93
-Irrig Acres: 416 State > ID Old Inspection #: SRC026aa
of Pumps in System 1 Pump # 1

MAIN_<well BOOSTER_<none SERIES_ PARALLEL_
>---(See other pumps as indicated.)---<

B. NAMEPLATE MOTOR DATA

C. PUMP AND WATER SUPPLY DATA

1. Make: General Electric
2. Frame #: fr6317P20
3. Rated HP: 350
4. Rated Volts: 480
5. Rated Amps: 400
6. RPM: 1725
7. Motor Efficiency: 88.1
8. Motor Nameplate Efficiency: 88.1

1. Make: Byron Jackson Hd
a. Centrifugal:
b. Turbine-Sub: Vertiline
2. Model #: 14RH
3. Hd./Serial#: sn731S0349
4. Rated Head: ? ft.
5. Rated Flow: ? gpm
6. Implr Dia.: 1Hx11+3/8+4F
7. Intake Dia.: ? in.
8. Column Len.: 440 ft.
9. # of Stages: ?
10. Col. Tub. Sft: 12x3.0x1+15/16
11. Well Depth: ? ft.
12. Casing Dia.: ? in.
13. Disch. Dia.: 14 in.
14. Records: G.J. Vertiline

D. MEASURED POWER INPUT DATA

(one motor)

1. Revolutions: 18 rev
2. Constant Kh: 4.8 v/sec/r
3. TR: 80 X
4. IR Multiplier: 1 X
5. Time: 45.97 sec
KW Measured = 300.7 kW (Utility Meter)

<FORCE?: Yes

	1-2	1-3	2-3	Average
Voltage	477.0	476.0	480.0	LU AVE. = 477.7 Volts
Amperage	391.0	415.0	409.0	LA AVE. = 405.0 Amps
Power Factor (%)	91.0	89.0	89.0	PF AVE. = 89.7 % Lag

KW Measured = 300.4 kW (Pump Panel)

E. MEASURED FLOW AND PRESSURE DATA

1. Flowmeter Make: Collins
2. Pipe Inside Diam: 11.80 in.
3. Average Velocity: 8.25 fps
4. Flow Reading: 2313 gpm
5. Discharge Pressure: 10.0 psi

Average Supply Voltage .. OK
Motor Current Within Rating
Voltage Balance In Tolerance
Current Balance In Tolerance
Power Factor Balance is .. OK
Power Factor Level is .. OK
Est. Full Load Motor Eff. 92.5%
Est. Pump (w/o motor) Eff. 81.4%
Est. of Full BHP Load is 106.6%

F. WATER LEVEL AND FRICTION LOSSES

NOTES

1. Pumping Lift: 105.0
2. Static Head: 460.0 ft.
3. Static Water: 460.0 ft.
4. Water Level Fluct: ? ft.
5. Misc Frict. Losses: 12.9 ft.

> 50 MI = One CFS, in ID
> (Motor Shaft OUTPUT is SHP) <
> (Pump Shaft INPUT is BHP) <
> (Pump Water OUTPUT is WHP)
> (Loss Eff. is Est. Curve Eff)
> (MTL Load is < SYSTEM LOAD)
> Little or No Air in Discharge.

G. TESTED PUMPING PLANT CONDITIONS

1. Total Dynamic Head: 112.6 ft.
2. Flow: MI = 1.27 2312 gpm 236.27
3. Water Horsepower: 106.6 WHP
4. Input Horsepower: 300.4 EHP
5. Est. Motor Shaft H: 10.0 BHP
6. Pumping Plant Eff.: 73.4 %

Does Mtr kW = Tot Load? Yes
Total Sys. EHP: 300.4
SHP - (Sft. Loss) = 10.0
Est. Total Sft HP Loss: 12.9

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OCT 27 1995

Page 2AA

SRC026aX

Refers to Page 2A

-----UPDATED		0	-	
1. Thrust Factor ..(lbs./ft.TDH):	14.2	14.2	<impircal T-factor	
2. Tot.Impeller(s) Weight (lbs):	20.9	20.9	<aprx.wt.via impel.dia.	
3. Shaft Weight per Ft (lbs/ft):	10.02	10.02	<est. wt.via shaft dia.	
4. Shaft Diameter.....(in):	1.94	Col-Tub-Sft= 12x3.0x1+15/16		
5. Tot.Shaft Length(ft):	440	>UUUU--<<<<<<<<<<<<		
6. Tot.Dynamic Head (TDH in ft):	416	10422 = A. Thrust (lbs.)		
7. Motor/Shaft Speed(RPM):	1775	1.39 = B. Bearing Loss		
8. Nominal Bowl dia.....(in):	14	8.25 = C. Shaft Loss		
9. Number of Stages	5	9.64 = D. TOT. HP LOSS		

```

||||| ( vv data vv ) |||||
1. Pump Discharge .....(GPM):    2813
2. Column & Tube Length ... (ft):    440 <From Pump to Well Head
3. Tube Size .....(in):    3.0 <Outside Diameter
4. Discharge Head Dia. ....(in):    12.0 <CAST Discharge Head.
5. Column Diameter .....(in):    12.0 <Inside Diameter
6. Exp./Contr.Loss,Dia(big,in.):  14.00 <Sudden Exp/Contraction
7. Exp./Contr.Loss,Dia(sml,in.):  12.00 <Sudden Exp/Contraction
8. Dia.at Pressure Gage ... (in):    11.80 <For Velocity Hd.
||||| ( ^^ data ^^ ) |||||

```

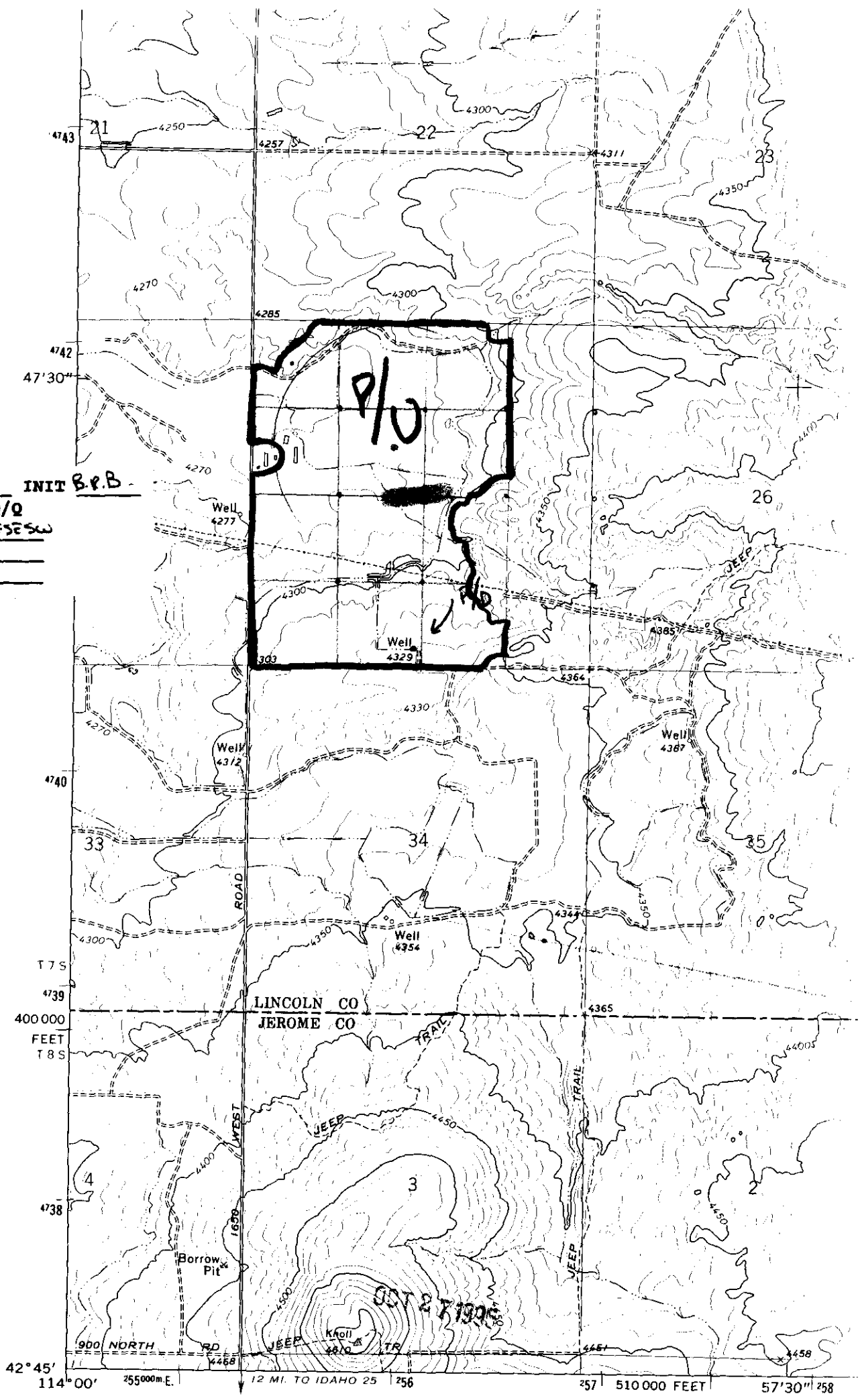
```

|||||Use 'X' v-Below-v to Select. |||||
A. Feb.Steel Disch.Hd.Fric.(ft) 0.00 ? <Head Friction |
B. Cast Steel Disch Hd.Fric.(ft) 0.74 x < SELECT Cast Head |
C. Column Friction Loss ....(ft) 14.10 <Total Column Loss |
D/1.Expansion Fitting Loss .(ft) 0.04 x < SELECT Exp.Loss |
D/2.Contraction Fitting Loss(ft) 0.00 ? << Select? |
E. Velocity Head .....(ft) 1.06 |
F. TOTAL FRIC.& TURBULENCE..(ft) 15.94 |
|||||~~~~~|||||

```

To print this page, select "PRINT" with "X"

64 OCT 27 1995



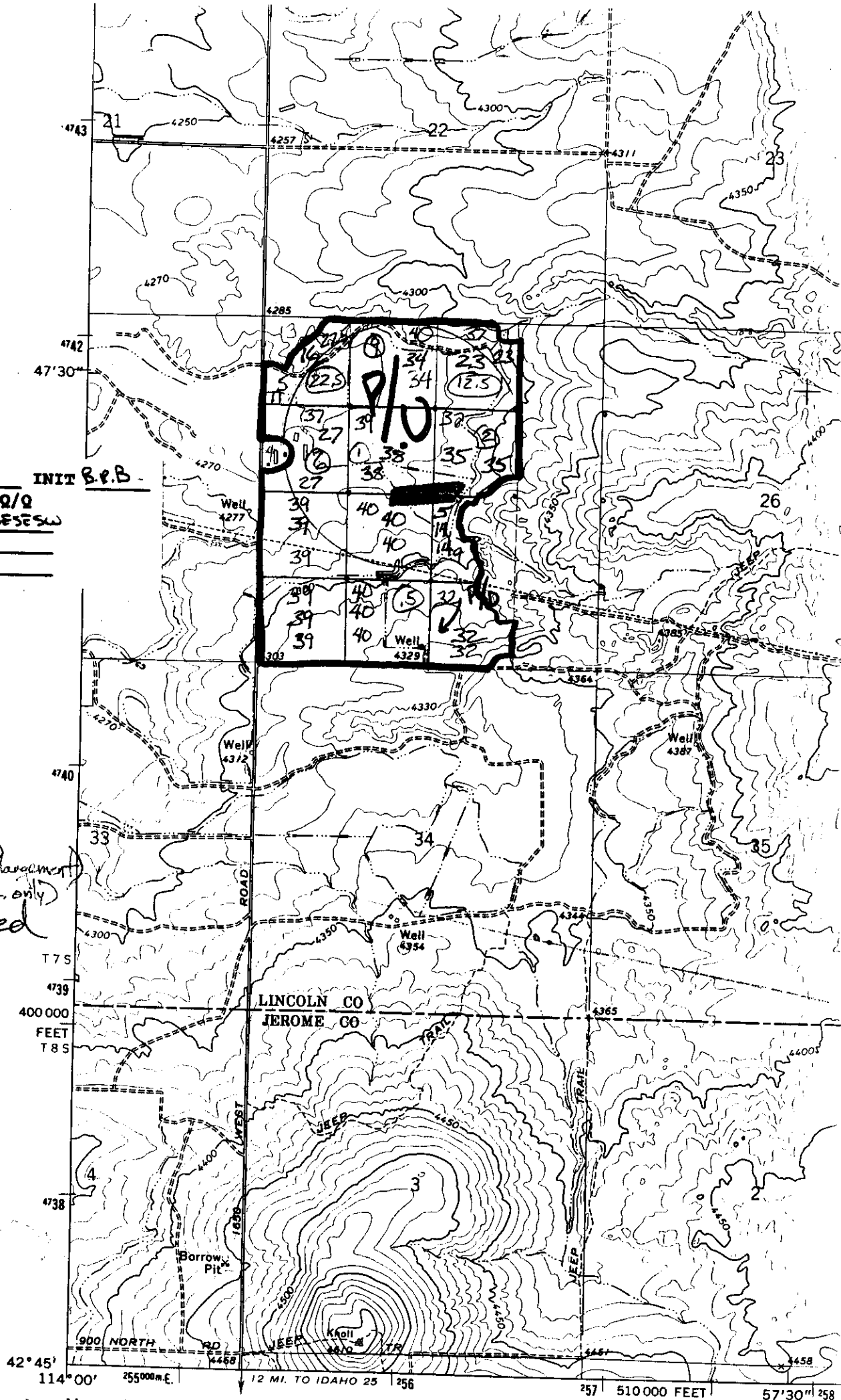
PERMIT 36-8528 INIT B.P.B.
T. R. S. Q/Q
P/D 75 21E 27 SESESW
SCALE _____
PHOTO ID. _____

Lincoln
Co.

PERMIT 36-8528 INIT B.P.B.
 T. R. S. Q/Q
 P/D 75 ZIE 77 SESESW
 SCALE _____
 PHOTO ID. _____

Lincoln Co.

53.5 Permit
 421.5 Found (AGCS)
 52 Unimproved (enlargement)
 32.5 Claimed (2 lic. only)
 377 Recommended



Mapped, edited, and published by the Geological Survey

NOT TO SCALE

OCT 27 1995

Aerial Photo

— P/U III New acres
that apply to this permit

609 J. SANDERS
375

99.8

3
7.7

2
214.5

P/U

114.1

PERMIT 36-8528 INIT B.P.B.

T. R. S. Q/Q

P/D 75 21E 27 SESESW

SCALE 1" = 660'

PHOTO ID. 97 Flyle with corrections
in blue

5.
25.6

4
1.8

7
59.3

HEL

P/D

28
21

33 34

00 37 1995

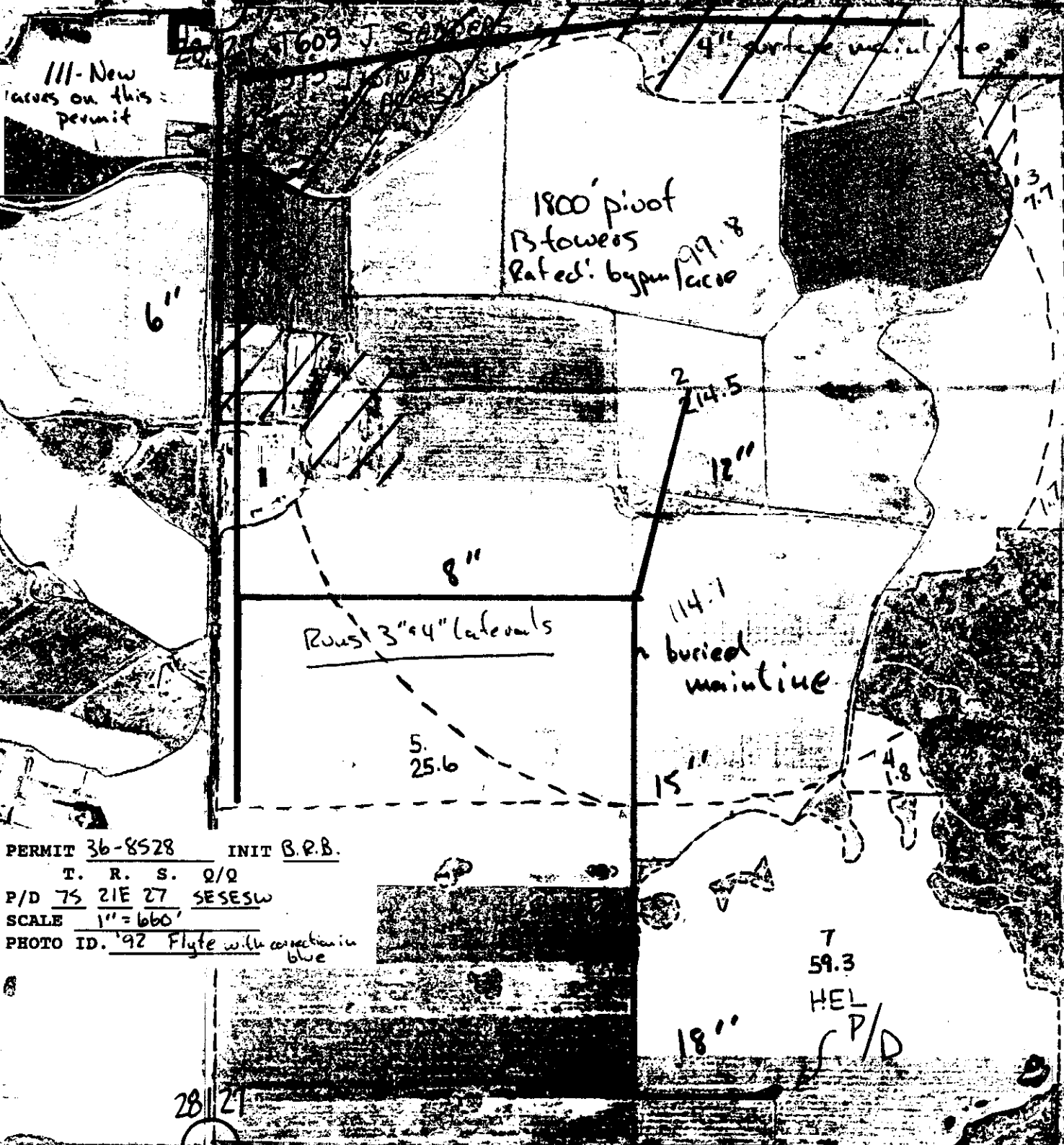
RECEIVED

AUG 3 1992

Dep

System Diagram

111- New
lakes on this
permit



PERMIT 36-8528 INIT B.R.B.

T. R. S. Q/Q

P/D 75 21E 27 SESESW

SCALE 1" = 660'

PHOTO ID. '92 Flyte with correction in blue

7
59.3

HEL

P/D

28 21

33 34

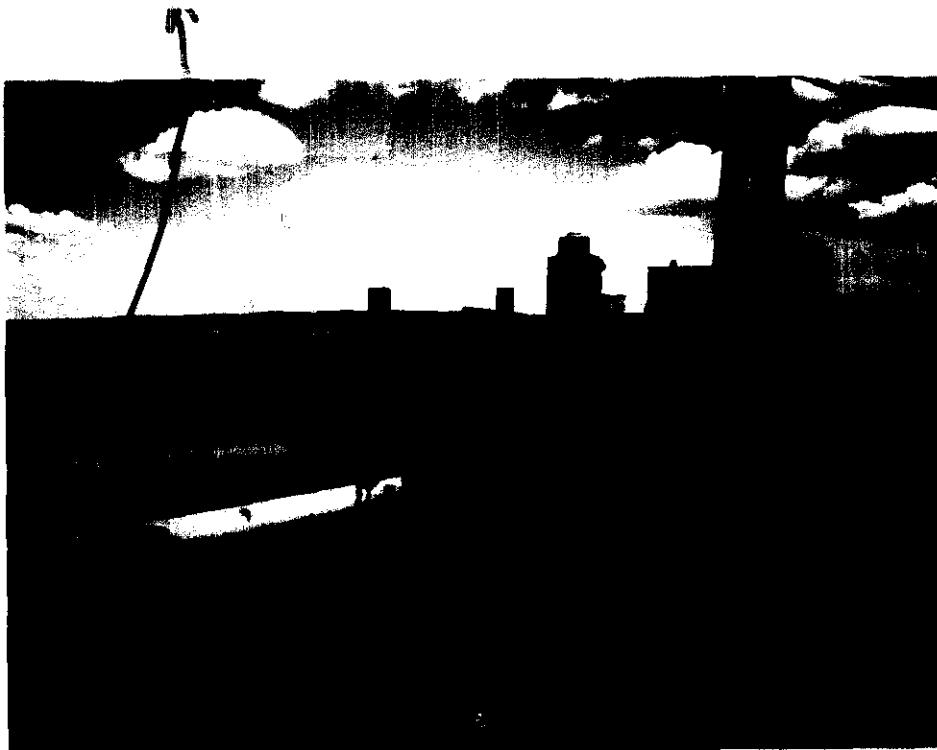
OCT 2 7 1992

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AUG 3 1992

Depot

blocked this bypass mainline here



polysonics
ultrasound
measurement
was taken
here

P36-8528

This photo was taken on July 21, 1993.

This photo shows the new booster (150 H.P. ~ consolidated
the two 75 H.P. into one 150 H.P.)

1993-07-21

'93



#36-8528

↗ P/D

look polysonic
there



↗
booster

607 117 1935

192



36-8528 ↗ P/O ↘ P/O



END PAGE



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720 - (208) 327-7900

CECIL D. ANDRUS

GOVERNOR

R. KEITH HIGGINSON

DIRECTOR

December 23, 1992

John A. Sanders
2107 Hoover Drive
Santa Clara, CA 95051

RE: Re-examination or Permit to Appropriate Water No. 36-08528

Dear Mr. Sanders:

This letter acknowledges our conversation of December 16, 1992. The purpose of this letter is to reiterate our conversation.

First, my letter to you dated September 28, 1992, mistakenly refers to a water right no. 36-10174. The water right number is actually an adjudication claim filed for expanded acreage in the adjudication, and related to claims A36-2382 and A36-7016. The letter should have referred to permit to appropriate water no. 36-08528.

When we spoke in September, you stated the measurement of water flow was incorrect, and you wanted the flow rate remeasured. You also said you wanted to reconstruct the bowls of the pumps because you thought they were worn. I said reconstruction of the bowls was acceptable, but any enlargement of the pump or motor, or the attached system, would be viewed as an enlargement of use, and probably would abort the re-examination attempt.

When we spoke on December 16, 1992, you inquired whether you could develop additional capacity pursuant to permit to appropriate water no. 36-08528. I told you the size of the pump could not be enlarged and recognized by a future examination. Irrigation of the place of use and development of necessary pumping capacity were required during the development period granted by the permit. During the re-examination, the

OCT 27 1996

John A. Sanders
December 23, 1992
Page - 2

examiner will check pump and motor size, and the system configuration to determine if the system has changed since the initial exam.

I am sorry I cannot be of more assistance to you.

Sincerely,



GARY SPACKMAN, Manager
Water Right Permits Section

GS:js

cc: Kelly Christensen - Southern

001 271305



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

September 28, 1992

John A. Sanders, G. P.
2107 Hoover Drive
Santa Clara, CA 95051

36-08528

RE: Re-examination for Permit to Appropriate Water No. ~~36-10174~~

Dear Mr. Sanders:

This letter acknowledges receipt of \$125 from you for re-examination of your beneficial use of water and, particularly, the discharge from your well. Enclosed is a receipt which shows deposit of your money with the Department.

I am sending a copy of this letter along with a copy of your letter to me, to our southern regional office. Hopefully, they will schedule a field exam before May 15, 1993. If you have not heard from our southern regional office by approximately May 1, 1993, I suggest you call and arrange a measurement. The telephone number you should call is (208) 736-3033.

Respectfully,

GARY SPACKMAN, Manager
Water Right Permits Section

GS:js

cc: Southern Region

OCT 27 1992

May 29, 1992

JOHN A. SANDERS
2107 HOOVER DR.
SANTA CLARA CA 95051

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 36-08528

Dear Permit Holder:

The department acknowledges receipt of the proof of beneficial use form submitted for the above referenced permit. The next step in the process of developing a water right is for the department to conduct a field examination to determine and confirm the use being made of the water.

If you have questions concerning this matter, please feel free to contact the SOUTHERN Regional Office in Twin Falls at (208)736-3033.

Sincerely,

Karen L. Gustafson
Secretary/Records Manager

c: IDWR - Region

MICROFILMED
JUN 11 1992

April 30, 1992

JOHN A. SANDERS
2107 HOOVER DR.
SANTA CLARA CA 95051

PROOF DUE NOTICE

RE: PERMIT NO. 36-08528

Dear Permit Holder:

One of the conditions of approval of the above referenced water permit was that proof of the extent of your beneficial use must be submitted to this office on or before July 1, 1992. (See last page of your approved permit or your last approved extension request.) Enclosed is a form which when accompanied by the license examination fee or a complete field examination report prepared by a certified water right examiner may be used to submit the required proof.

If you have not fully completed your project, and you or a previous owner of this permit have not received a prior extension of time, you may request an extension of time if the delay is for reasonable cause as provided in Section 42-204, Idaho Code. If you have been prevented from proceeding by a governmental agency or by litigation which might bring title to the water in question, more than one extension of time can be granted. An extension of time request form is enclosed for your convenience.

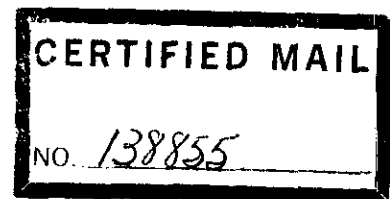
Either an acceptable proof of beneficial use submittal or an acceptable request for an extension of time must be received by this department on or before the above described proof due date. If neither is received, the department will send you a lapse notice. Within sixty (60) days of the mailing of the lapse notice, the permit will no longer be of any force nor effect.

SINCERELY,

Karen L. Gustafson
Secretary/Records Manager

Enclosures

MICROFILMED
JUN 11 1992





State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

July 19, 1991

JOHN A. SANDERS
2107 HOOVER DR.
SANTA CLARA, CA 95051

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 36-08528

Dear Permit Holder:

Enclosed is a copy of your approved application for permit. We direct your attention to the conditions of approval on the final page.

Enclosed is a form entitled "Instructions for Proof of Beneficial Use". Please read the instructions carefully since you must take further action to develop this permit. Also enclosed is a form entitled "Proof of Beneficial Use". If your project is already completed you should complete and submit this form immediately.

Be sure to note the special condition requiring you to install a measuring device. Enclosed, for your reference, is a list of measuring device options.

Section 42-235, Idaho Code, requires that a "drilling permit" must be obtained from the department for all wells constructed after July 1, 1987. A drilling permit is a separate permit that must be issued in addition to your permit to appropriate water. Commencement of well construction or diversion of water under your permit to appropriate water is prohibited unless a drilling permit is obtained.

This permit authorizes the appropriation of trust water. Trust water is defined as that portion of a particular hydropower water right which exceeds certain minimum stream flows established by state action, and is held in trust by the State of Idaho for the use and benefit of the people within the state. Conditions

RECEIVED
AUG 01 1991

pertaining to a term review, annual use fee and jurisdiction of the permit are trust water conditions.

Sincerely,

PAMELA SKAGGS
Technical Records Specialist
PS:blm

Enclosure

RECEIVED

AUG 01 1991

AFFIDAVIT of PUBLICATION

RECEIVED

JUL 08 1991

State of Idaho }
County of Lincoln } ss.

Department of Water Resources

Patty Spence, being first duly sworn, deposes and says that she is the printer (publisher) of the Lincoln County Journal, a newspaper published every week in Shoshone, County of Lincoln, State of Idaho; that said newspaper has been continuously and uninterruptedly published for a period of seventy-eight consecutive weeks prior to the first publication of the annexed notice, and is a newspaper qualified to publish legal notices as provided by act of the 1919 session of the legislature of the State of Idaho, known as House Bill 145; that the annexed advertisement was published once each week for

2 consecutive issues in said newspaper proper and not in a supplement; that the date of the first publication of said advertisement was on the 19th day of June, 1991, and the date of the last publication was on the 26th day of June, 1991.

Subscribed and sworn to before me this 5th day of July, 1991.
(SEAL)

Patty Spence
Notary Public
NOTARY PUBLIC

LINCOLN COUNTY JOURNAL

Shoshone, Idaho

COST OF PUBLICATION

Number of Picas per Line _____
Number of Lines in Notice _____
Number of Insertions 2 X

Lines tabular at _____ 6¢/Pica
337.5 Lines straight at 16.88 5¢/Pica
Subsequent lines at 13.50 4¢/Pica
TOTAL COST 30.38

COPY OF NOTICE

(Paste Here)

Not. Appl. To Wat. Rts.
TITLE OF NOTICE
Sanders

36-08528
PLAINTIFF ATTORNEY

DEFENDANT

PLAINTIFF

Id. Dept. Wat. Res.
BILL TO B.

NOTICE OF PROTEST FOR
SANDERS, JOSEPH
2117 HOOVER DR.
SANTA CLARA, CA 95051
Source: GROUNDWATER
Division: 20000
Sec 27 T 07 S R 21 E
Use: IRRIGATION (1,070 CFS)
Total Diversion: (1,070 CFS)
Flow Rate: 0.100 CFS
with
based on
Idaho Code under the new
terest criteria of Sec. 42-209C, Idaho
Code. Protests must be filed with the
Director, Dept. of Water Resources,
Statehouse Mall, Boise, Idaho 83726 on
or before JULY 8, 1991.
- R. Keith Higginson, Director
Pub: 8-15, 28 L4426

(Idaho Code, Rev. Statutes 1984)

7-8 pt. per line tabular.....6¢/Pica
7-8 pt. per line straight.....5¢/Pica
7-8 pt. per line successive
insertions.....4¢/Pica

MICROFILMED

AUG 01 1991

No 5007

OK
7-8-91

4426

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
State Office
1301 North Orchard St.

Statehouse Mail
Boise, Idaho 83720
(208) 327-7900

JUNE 12, 1991

Lincoln County Journal
Box 704
Shoshone, ID 83352

Dear Legal Dept.:

Enclosed you will find legal notices which we wish to have published on the dates indicated (once a week for two consecutive weekly issues) in your newspaper. If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Your cooperation is appreciated.

Please send the affidavit of publication and publication billing to this office before JULY 8, 1991.

Yours truly,

BRENDA L. MILLER
Clerical Specialist

Encl.

MICROFILMED

AUG 01 1991

NOTICE OF APPLICATION FOR TRUST WATER RIGHT

36-08528

SANDERS, JOHN A.
2107 HOOVER DR.
SANTA CLARA, CA 95051

Source: GROUNDWATER

Diversion Pt: SESW Sec 27 T 07S R 21E

```
Use: IRRIGATION          ( 1.070 CFS)
      Total Diversion: ( 1.070 CFS)
```

Date Filed: 3/16/ 1990

In: T07S R21E S27	NWNE	SWNE	NENW	NWNW
	SWNW	SENW	SESW	

53.5 ACRES TOTAL

The permit(s) will be subject to all prior water rights. Protests may be submitted based on the criteria of Sec. 42-203A, Idaho Code and/or the new public interest criteria of Sec. 42-203C, Idaho Code. Protests must be filed with the Director, Dept. of Water Resources, Statehouse Mail, Boise, Idaho 83720 on or before JULY 8, 1991.

R. Keith Higginson, Director

Published 6/19/1991 & 6/26/1991

UNPROCESSED

AUG 01 1991

MEMORANDUM

TO: FILE

FROM: TIM LUKE

RE: APP. NO. 36-8528/Trust Water Processing

DATE: 5-21-91

The above application has come up for sequential trust water processing. This application represents some expansion of irrigated acreage from earlier rights and an existing system. The applicant returned the trust water questionnaire and stated that the expansion was accomplished prior to October of 1984.

My review of a 1983 infrared aerial photo on file at the department does not confirm that the expansion was accomplished in that year. The 1984 NHAP coverage at the state SCS office was not available for this particular location. Without further evidence or documentation for 1984, I recommend counting all of the acreage under the application as trust acreage. Trust water conditions apply in issuance of the permit.

RECEIVED

AUG 01 1991

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
TRUST WATER INFORMATION QUESTIONNAIRE

RECEIVED

APR 22 1991

Application No. 36-8528

Department of Water Resources

INSTRUCTIONS: IF YOU ARE NOT INTERESTED IN HAVING THE APPLICATION PROCESSED, PLEASE COMPLETE AND RETURN THE ENCLOSED WITHDRAWAL FORM.

IF YOU WISH TO HAVE THE APPLICATION PROCESSED, PLEASE ANSWER THE FOLLOWING QUESTIONS AS THOROUGHLY AS POSSIBLE. FAILURE TO RETURN EITHER THE WITHDRAWAL FORM OR QUESTIONNAIRE IS CAUSE FOR THE DEPARTMENT TO VOID THE APPLICATION.

1a. Are you the current owner of the land or place of use described under this application? Yes ☒ No ☐

b. If you are not the property owner, please describe the arrangement enabling you to develop the proposed project.

2a. Has the source of water listed on this application been used to irrigate any of the land described under this same application prior to October 1, 1984? Yes ☒ No ☐

b. If yes, please describe the extent of development and number of acres irrigated. (Note: Uses developed after October, 1984 are considered trust water diversions and may be subject to certain conditions. You may be asked to verify uses established prior to October, 1984.)

Wheel Lines and handlines sprinkled over these previously rough and unusable spots. 31 acres now made usable.

3. If you answered NO to ques #2a, please state the number of acres you have irrigated with this source after October 1, 1984. _____

4. If you have not irrigated lands under this application, please state the number of acres you plan to complete. _____

5. If the permit is a supplemental filing please identify other water rights which are used on the same land.

Use the reverse side of this form if you wish to add any comments. You may mark changes on the enclosed application to designate any proposed amendments. (Note: Proposed changes which result in an expansion of use will not be considered by the department.)

I hereby assert that the responses provided above are true to the best of my knowledge. I understand that any willful misrepresentations may result in voiding of the application.

Applicant

John A. Anderson

Date 4-15-91

MICROFILMED
AUG 01 1991

WR-NUMBER	NAME	STG	SOURCE	T	R	S	NE	NW	SW	SE	NE	NW	SW	SE	SUM
3608528	HISAM	L	GROUNDWATER	07S	21E	27	25	: 40	20	40	: 40	40	40	40	285
3602382	THOMPSON	L	GROUNDWATER	07S	21E	27	40	:			:				40
3607016	SANDERS	A	GROUNDWATER	07S	21E	27	12-2	:	22	6	:	0			52
3608528	1986 MAPPING DATA	-	COUNTY 63 QUAD AA 77	07S	21E	27	34	36	:	38	39	40	40	39	435

1983 photo does not show irrigation of additional acreage/extension

7/22 4-24-91

Photo 1984 photo

84 photo not available @ SCS office date of 5-21-91
Photo signed out / appears to be on SCS index

AUG 01 1991

RECEIVED
AUG 01 1991



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

April 10, 1991

RE: APPLICATION FOR PERMIT NO. _____

Dear APPLICANT:

Due to the Swan Falls litigation and subsequent backlog of pending applications, Department approval of the enclosed application may have been delayed. The Department is presently reviewing your application and may authorize the proposed development.

The purpose of this letter is to determine: (1) if you are still interested in developing the project, and (2) the extent of development, if any, that has already occurred under the application. Enclosed are two forms requesting information which will help the Department expedite the processing of the application.

1. If you have abandoned or have no interest in continuing with your plans for development of the project, please complete the enclosed withdrawal form and return it to the Department. If you request a withdrawal of the application and the application was not previously advertised, the department will refund your original filing fee.

2. If you wish to continue with your proposed development plans, or have completed all or a portion of the proposed development before October 1, 1984, then you must complete and return the enclosed questionnaire. You may use the questionnaire and enclosed application to make any comments &/or amendments concerning the application. Your completion of the questionnaire will expedite processing and help the department determine if the water diverted under the application is public water or trust water. Approved trust water applications may be subject to additional conditions.

Failure to return either of the above forms within thirty (30) days of the date of this letter is cause for the Department to void the application.

Please be further advised that if any undeveloped portion of your proposed project is greater than 200 acres, or if the application proposes diversion of more than 5.0 cfs, the department will issue a notice requesting additional information as required by Water Appropriation Rule 4,5. (copy enclosed). In particular, rules 4,5,3. through 4,5,3,5. apply to your project if it is more than 200 acres. If necessary, the rule 4,5. information notice will be sent to you after you return the questionnaire.

NOTIFIED

AUG 01 1991

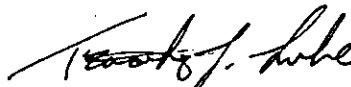
Page 2

If you have questions concerning the content of this letter or about completing the forms, please contact Tim Luke at the address below or by calling directly at 327-7864. The enclosed forms and all other relative information must be returned within thirty (30) days to:

Idaho Department of Water Resources
Statehouse Mail
Boise, Idaho 83720-9000
Attn: Tim Luke

Please note that a copy of your application is enclosed. The application number is also shown on the enclosed questionnaire.

Sincerely,

A handwritten signature in dark ink, appearing to read "Tim Luke", written over a horizontal line.

TIM LUKE
Sr. Water Resource Spec.

Enclosures

NOT RECORDED

AUG 01 1991

11-May-1990

JOHN A SANDERS
2107 HOOVER DRIVE
SANTA CLARA CA 95051

Re: Application for permit No. 36-08528

Dear Applicant (s):

The Department of Water Resources acknowledges receipt of your water right application for permit. The application has been assigned the above referenced identification number. Please refer to this number in all further correspondence.

Because your application proposes to appropriate water which has been identified as "trust water" in the Swan Falls agreement, it will be processed under rules and regulations for water appropriation that have been adopted as required by law.

Under the rules, applications will be processed at a rate which allows development of 20,000 acres per year. The oldest applications will be processed first, provided that applicants are willing and able to proceed.

For this reason, it is not possible to estimate at this time when action will be taken on your application.

Please feel free to contact this office if you have any questions regarding this procedure.

Very truly yours,

Douglas Jones, E. I. T.
Water Resources Engineer

DJ:MB

RECEIVED
AUG 01 1991