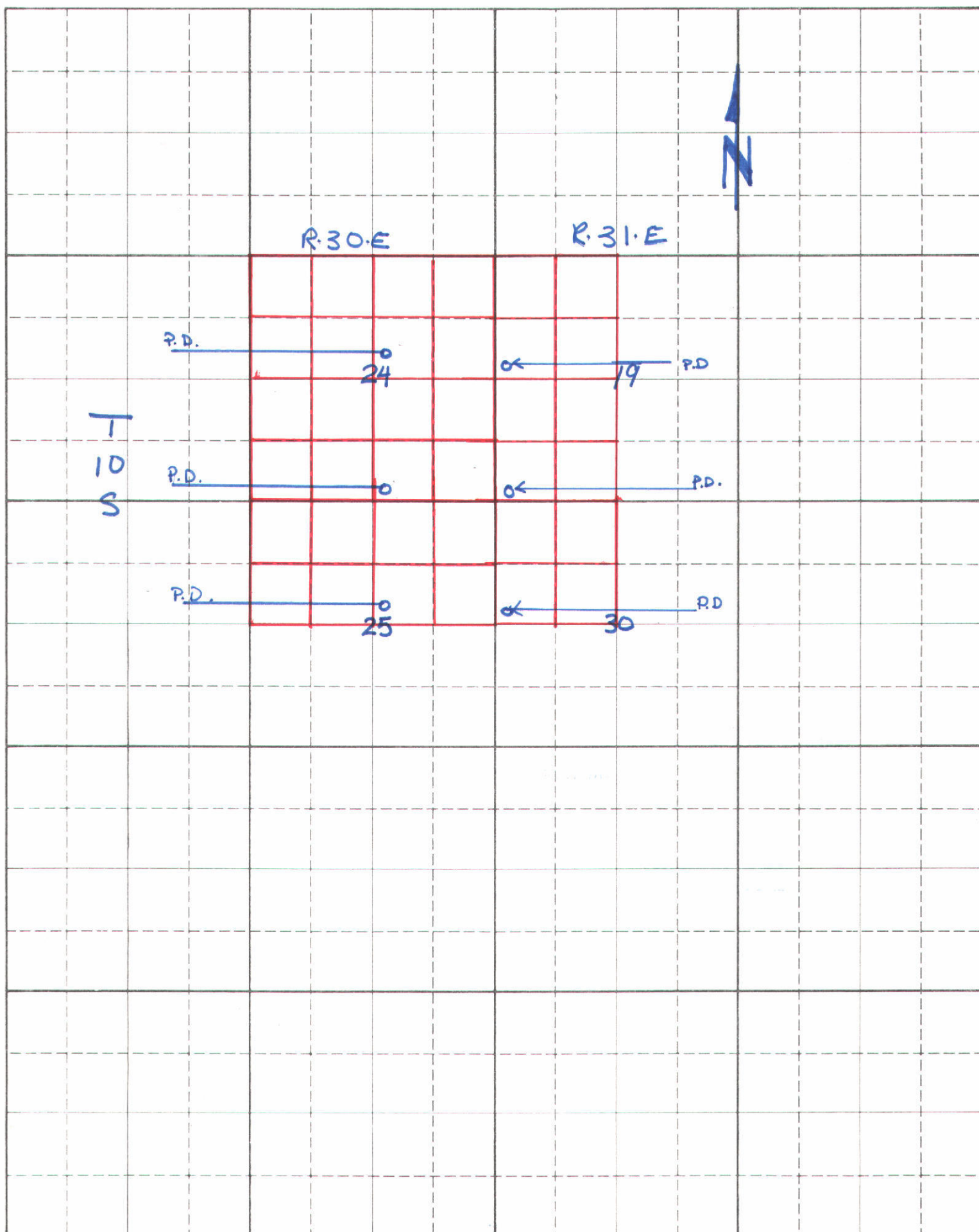


11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



Scale: 2 inches equal 1 mile

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

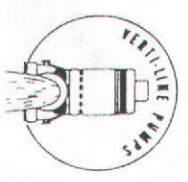
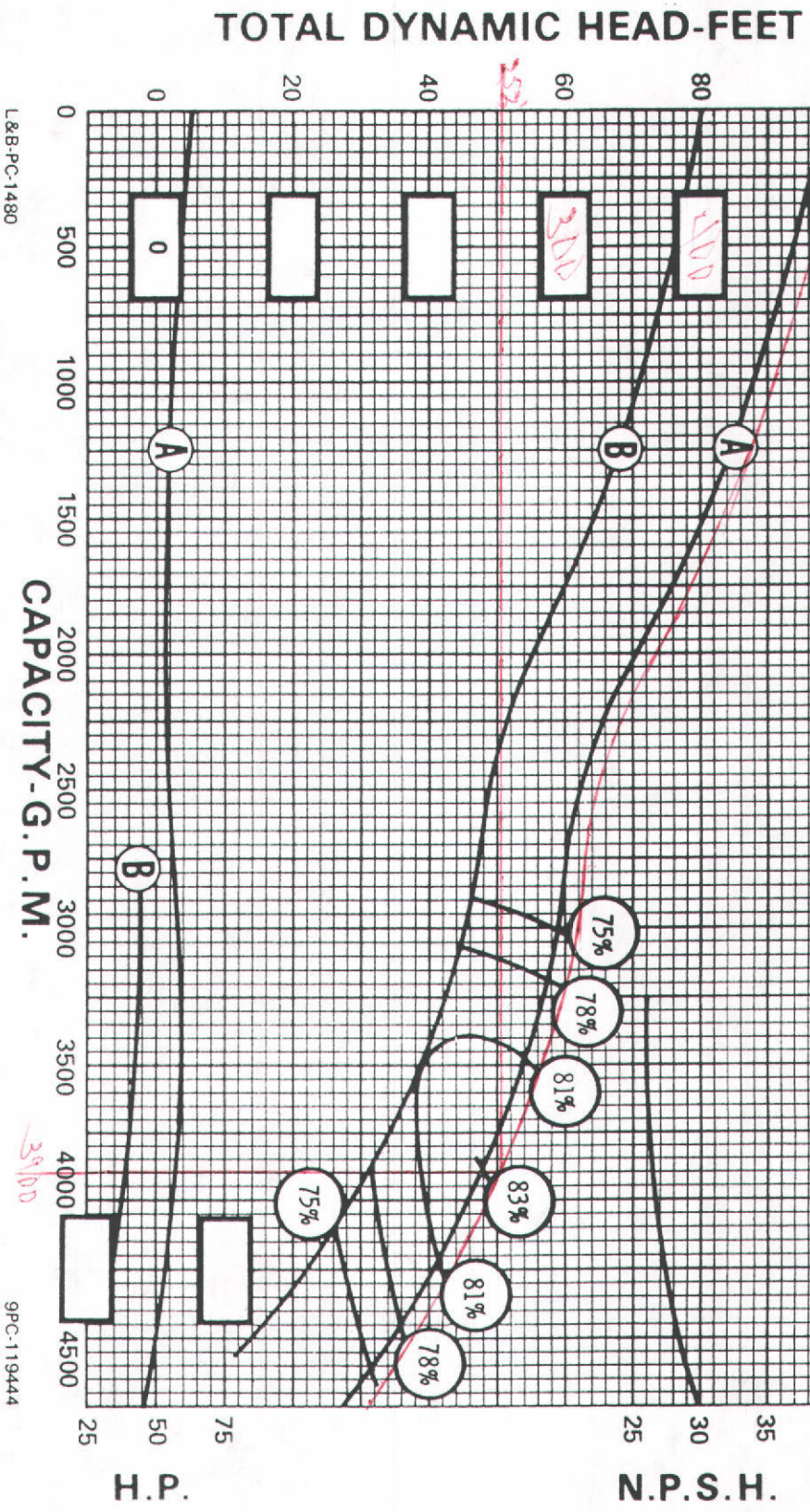
A. Rosecrance
(Applicant)

53700 w/ Back Flie
A Pump

14FHM SERIES 1110 Veri-Line PUMP

SECTION 1110 PAGE 465
DATED MARCH 1988
SUPERSEDES PAGE 605
DATED DECEMBER 1981

MAX. SPHERES - 1-1/4	Chg. Effic.:	No. of	No. of
IMP. PATT. NO. - 14FHM	As Follows	Points %	Stages
BOWL PATT. NO. - 14FH4	Lower	2	1
O.D. BOWLS - 13-5/8 K = 23.2	Lower	1	2
O.D. SUCT. BELL (opt.)	Raise	0	3



G. J. VERTI-LINE PUMPS, INC.
1970 HIGHLAND AVE E.
P.O. BOX 892
TWIN FALLS, ID 83301

(208)-733-4270

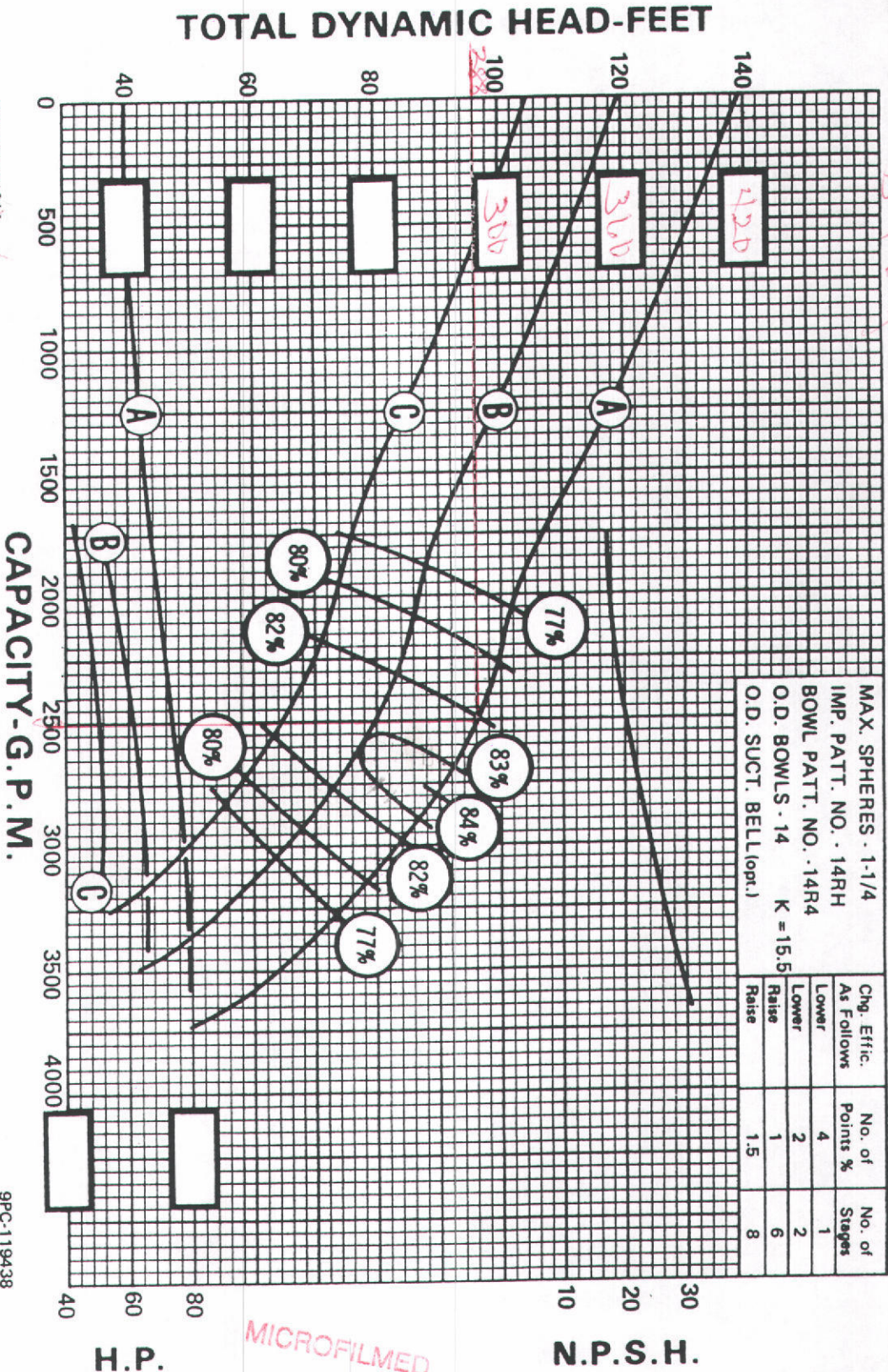
- A = 11.250
- B = 10.625
- C = REFER TO FACTORY

MICROFILMED
MAY 15 1998

1770
R.P.M.

14RH SERIES 1110 Verti-Line PUMP

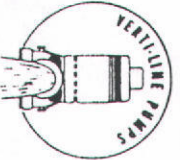
Handwritten: 1110



MAX. SPHERES - 1-1/4	Chg. Effic. As Follows	No. of Points %	No. of Stages
IMP. PATT. NO. - 14RH	Lower	4	1
BOWL PATT. NO. - 14R4	Lower	2	2
O.D. BOWLS - 14	Raise	1	6
O.D. SUCT. BELL (opt.)	Raise	1.5	8

MICROFILMED
 MAY 15 1998

- A = 11.500
- B = 10.875
- C = 10.375

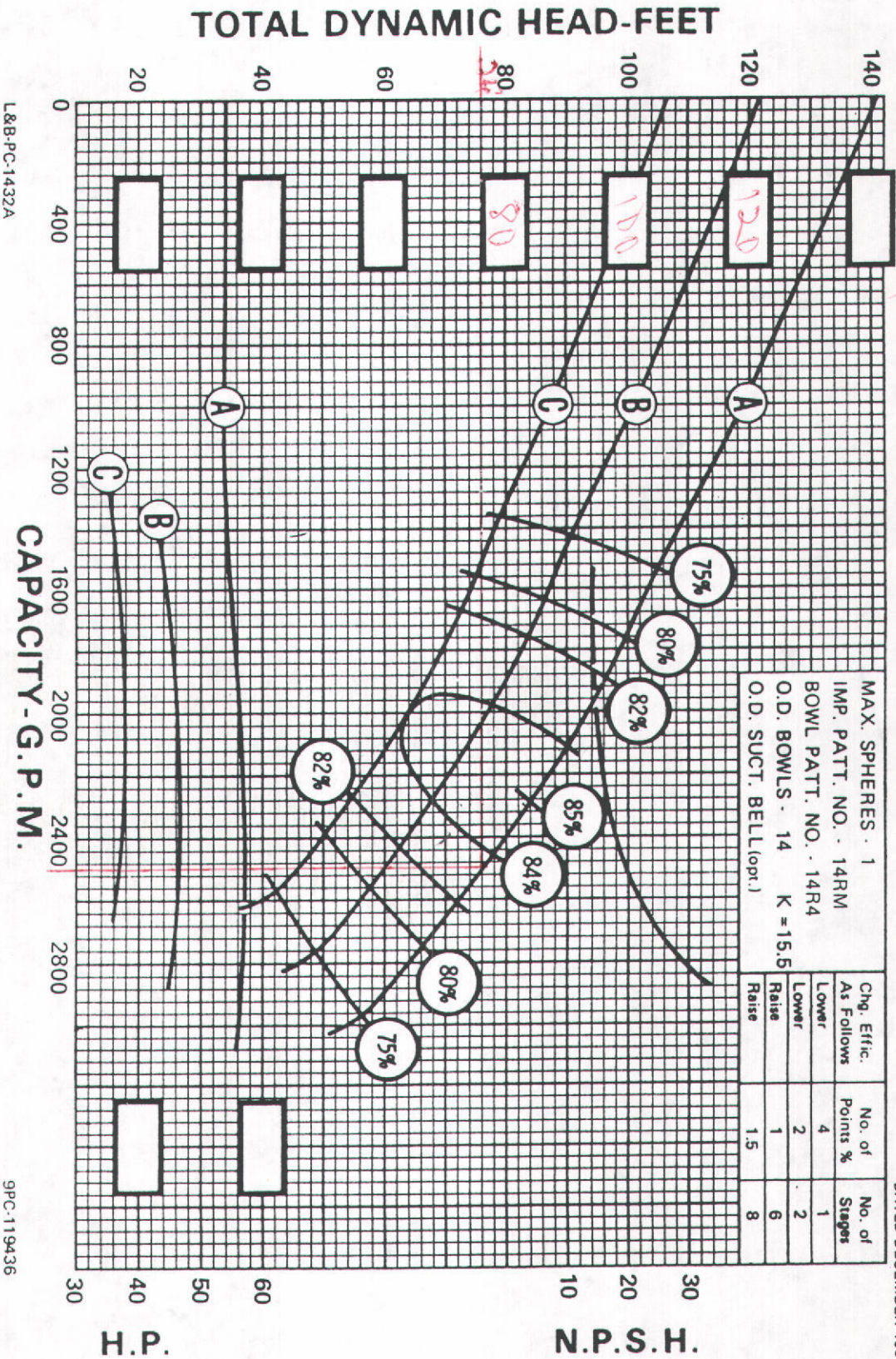


G. J. VERTI-LINE PUMPS, INC.
 1970 HIGHLAND AVE. E.
 P.O. BOX 892
 TWIN FALLS, ID 83301

(208)-733-4278

14RM SERIES 1110 Verti-Line Pump

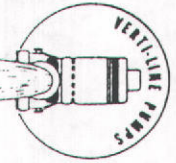
SECTION 1110 PAGE 457
DATED MARCH 1988
SUPERSEDES PAGE 597
DATED DECEMBER 1981



1.5 Stage
1.8 GPM

MICROFILMED
MAY 15 1998

1770
R.P.M.



B. J. VERTI-LINE PUMPS, INC.
1970 HIGHLAND AVE. E.
P.O. BOX 892
TWIN FALLS, ID 83301

- Ⓐ = 11,500
- Ⓑ = 11,000
- Ⓒ = 10,500

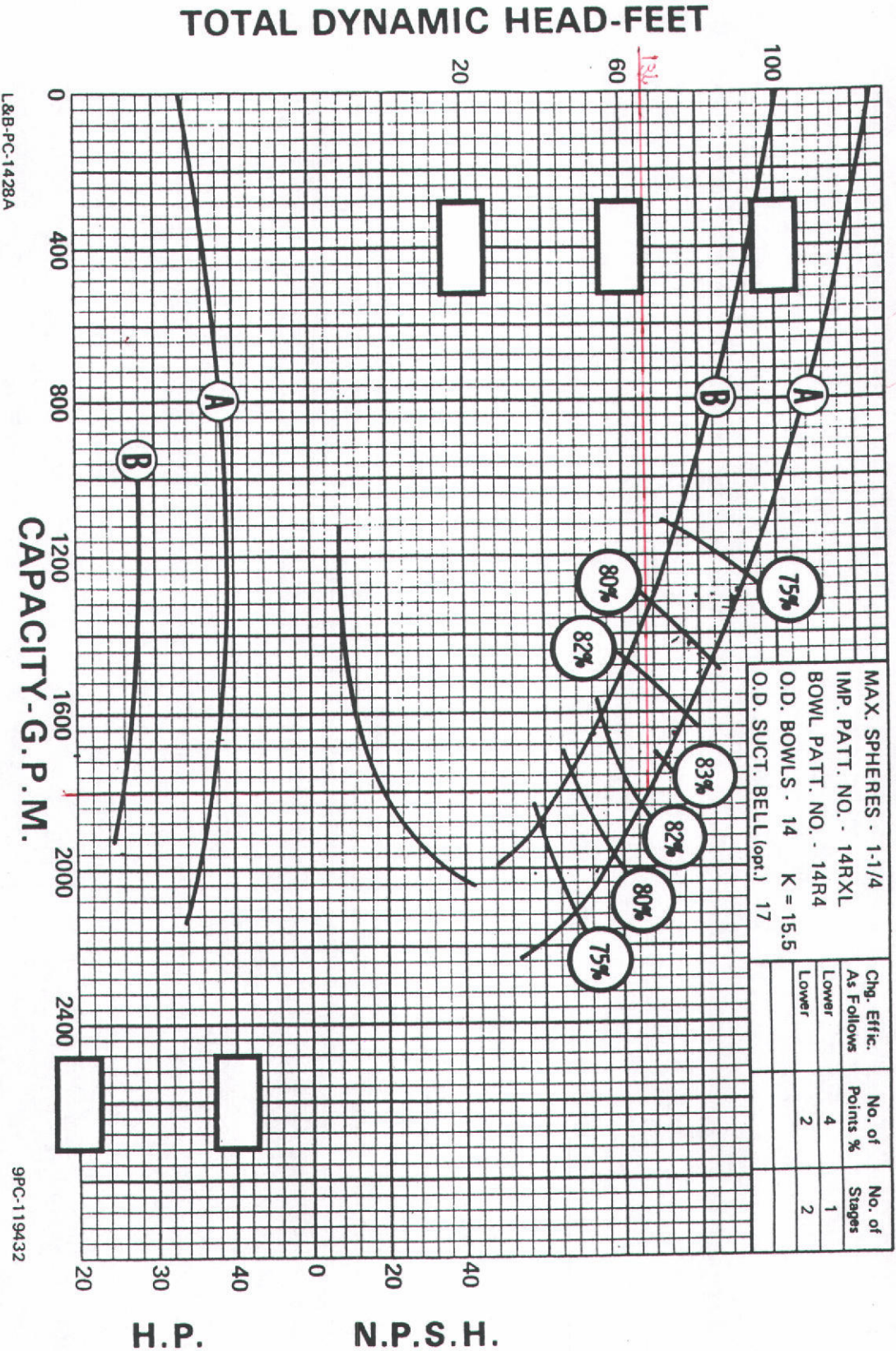
L&B-PC-1432A

9PC-119436

(208) - 733-4278

14RXL SERIES 1110 Veri-Line PUMP

SECTION 1110 PAGE 595
DATED DECEMBER 1981
SUPERSEDES PAGE 595
DATED FEBRUARY 1973



Q. J. VERTI-LINE PUMPS, INC.
O. HIGHLAND AVE E.
BOX 932

Ⓐ = 11,500
Ⓑ = 10,500
Ⓒ = REFER TO FACTORY

NUMBER OF STAGES REQUIRED FOR APPLICATION.
STANDARD CURVE ILLUSTRATES SINGLE STAGE PERFORMANCE ONLY.

1770
R.P.M.

3. Stage



G. J. VERTI-LINE PUMPS, INC.
1970 HIGHLAND AVE. E.
P.O. BOX 892
TWIN FALLS, ID 83301

(208)-733-4276

MICROFILMED
MAY 15 1998

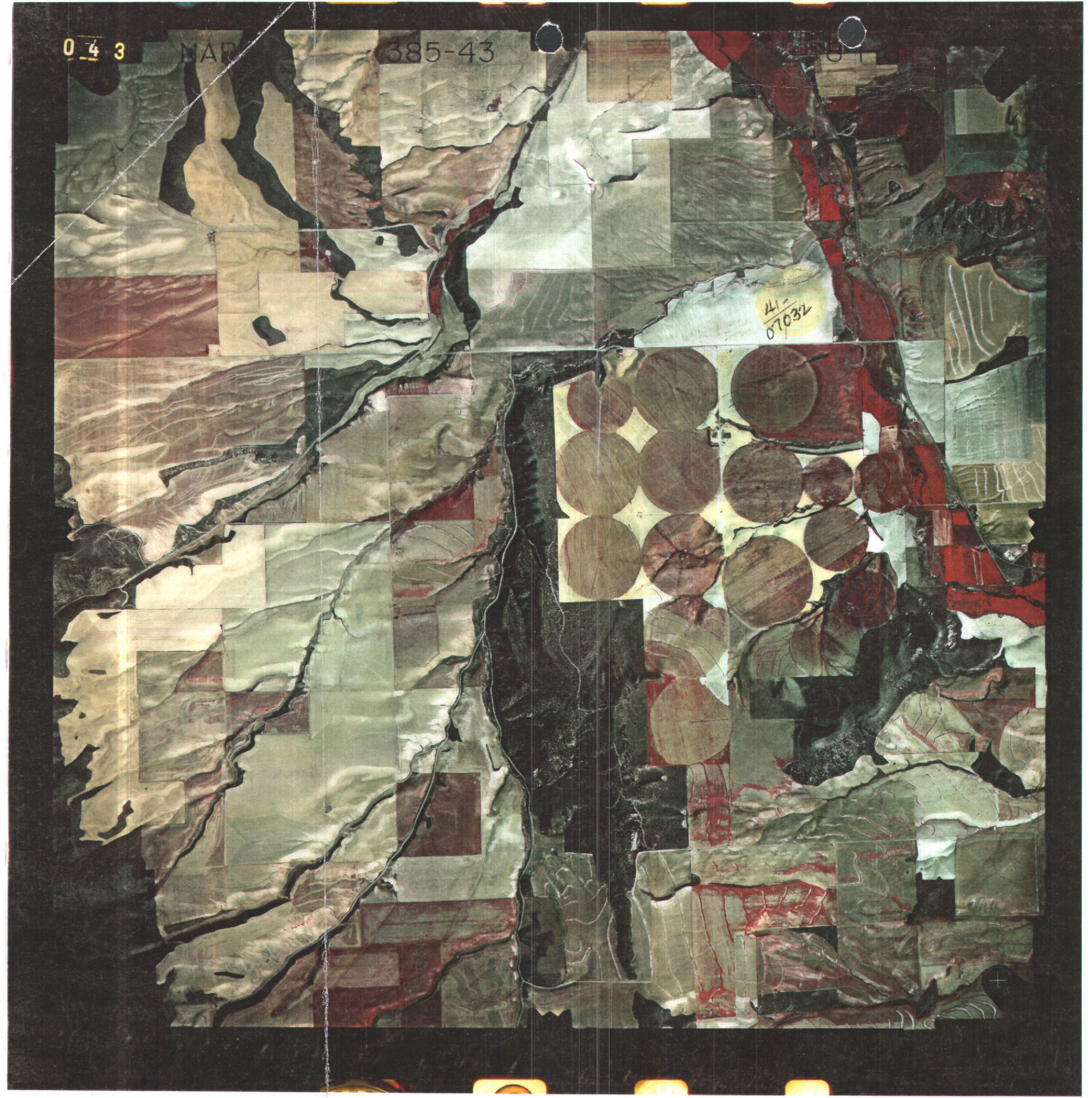
043

NAR

385-43

81

41-
07032





41-7018

Creek

Springs (Hot)

Warm Springs

Storage Bins

41-7032
(West Fork)
12-13-77

PU

PU

PU

PU

PU

41-7032
(West Fork)
12-13-77

PU

PU

PU

PU

PU

PU

Mollys Nipple

RIDGE

BM 5436

Gravel Pit

R 30 E

R 31 E

Storage Bins

41-7032

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MAY 15 1998

VALLEY

Rock

Barrow Pit

Barrow Pit

"A" well



Point of Diversion



"A" well

Point of measurement (poor placement, booster pulled vacuum)
New port was installed on the tar wrapped pipe
near the front end of the truck in the first photo

MAY 15 1998

"B" well



Point of Diversion

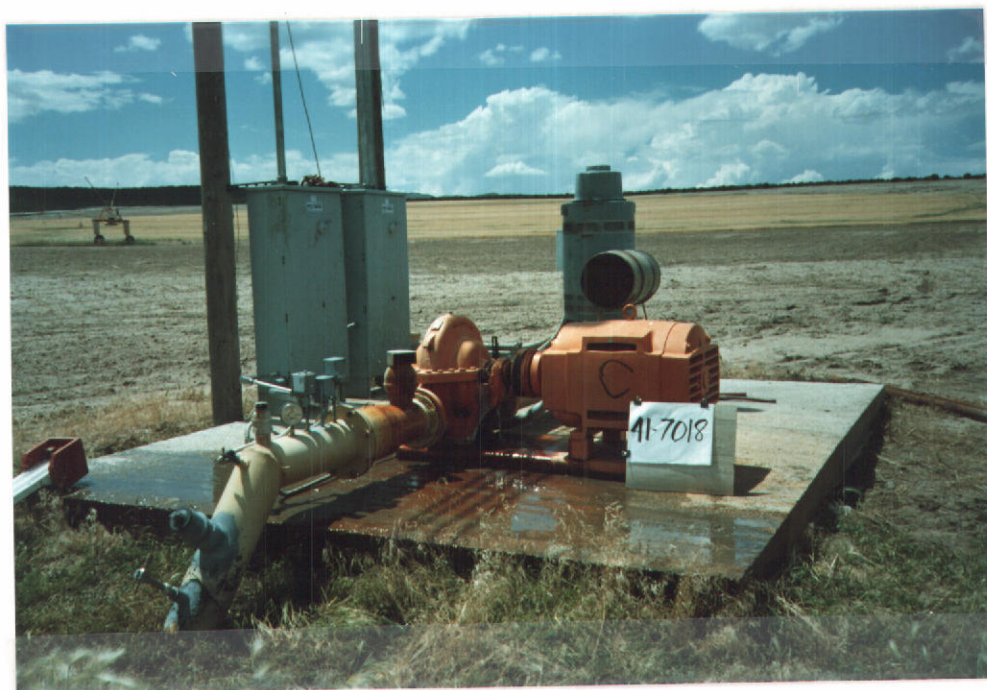


"B" well

Method of Measurement

MICROFILMED
MAY 15 1998

"C" well



Point of Diversion
and photo show placement of the
access port



Location relationship
between wells
A, B, and C

← C

MAY 15 1998



Looking N.E. of well "A" toward place of use



Looking South of well "B" toward
place of use

MICROFILMED
MAY 15 1998

Affidavit of Publication

RECEIVED

AUG 18 1975

Department of Water Resources
Southern District Office

STATE OF IDAHO
COUNTY OF POWER } s.s.

.....Phyllis Ringe..... being first duly sworn
on oath, states:

That she is the principal clerk of the printer
of the Power County Press, a newspaper of general circulation
in Power County, Idaho, published weekly at American Falls
in said County; that said newspaper has been published in said
County uninterruptedly and continuously for over seventy-
eight consecutive weeks, prior to the first publication of the
annexed notice or advertisement:

That the annexed notice or advertisement was published as
per clipping attached in the regular and entire edition of said

newspaper and not in any supplement thereof for 2
successive weekly issues thereof, the date of the first publica-

tion being the 7th day of August, 1975

the date of last publication being the

11th day of August, 1975

(Signed) Phyllis Ringe

Subscribed and sworn to before me this

15 day of August, 1975

[Signature]
Notary Public, residing at American Falls,
Idaho.

My Commission expires the

(SEAL)

..... day of, 19

Notary Public
Residing at Am. Falls, Idaho
My Commission Expires
July 15, 1977

Legal Notice

Published in the Power
County Press on August 7 and
August 14, 1975.

NOTICE OF APPLICATION FOR WATER PERMIT

Notice is hereby given that
H. Roscoe Weston 890 River
Heights Blvd., Logan, Utah
has on 7-30-75 submitted
Application No. 41-7018 for a
permit to appropriate 28.80
cubic feet per second of water
from Groundwater by means
of wells, motors & pump
within the SW $\frac{1}{4}$ SE $\frac{1}{4}$,
SW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 24, Twp.
10S, Rge. 30E, B.M.; SW $\frac{1}{4}$ -
NE $\frac{1}{4}$, Sec. 25; Twp. 10S, Rge.
30E; SW $\frac{1}{4}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ -
SW $\frac{1}{4}$, Sec. 19; SW $\frac{1}{4}$ NW $\frac{1}{4}$,
Sec. 30, Twp. 10S, Rge. 31E,
B.M. Power County, to be
used from March 15 - Nov-
ember 15 for Irrigation of
1,440 acres within Section 24;
N $\frac{1}{2}$, Section 25, Township
10S, Range 30E; W $\frac{1}{2}$, Section
19; NW $\frac{1}{4}$, Section 30, Town-
ship 10S, Range 31E, B.M.

If issued, this permit will be
subject to all prior water
rights. Protests against the
granting of the permit must be
filed with the Idaho Depart-
ment of Water Resources,
1041 Blue Lakes Blvd., North,
Twin Falls, Idaho, 83301 on or
before August 25, 1975.

R. KEITH HIGGINSON
Director

NOT RECORDED

O.K.C.
8-19-75

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 41-07018

Priority: July 30, 1975

Maximum Diversion Rate: 18.26 CFS

Maximum Diversion Volume: 5760.0 AF

This is to certify, that H ROSCOE WESTON

4448 STATE HWY 37

ROCKLAND ID 83271

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated July 30, 1975; and has submitted Proof of Beneficial Use on August 27, 1985. An examination indicates that the works have a diversion capacity of 18.260 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	18.26 CFS	5760.0 AF

LOCATION OF POINT(S) OF DIVERSION:

SWSE , Sec. 24, Township 10S, Range 30E
NWNE , Sec. 25, Township 10S, Range 30E
NENW , Sec. 25, Township 10S, Range 30E
POWER 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>
10S	30E	24	NENE 33	NWNE 33	SWNE 33	
			SENE 33	NENW 9	NWNW 5	
			SWNW 15	SENW 31	NESW 33	
			NWSW 33	SWSW 33	SESW 33	
			NESE 33	NWSE 33	SWSE 33	
			SESE 33			456
	25		NENE 33	NWNE 33	SWNE 33	
			SENE 33	NENW 33	NWNW 33	
			SWNW 33	SENW 33	NESE 33	
			NWSE 33	SWSE 33	SESE 33	396
	36		NENE 33	NWNE 33	SWNE 33	
			SENE 33			132
31E	18		NESW 15	SESW 10	NESE 7	
			NWSE 31	SWSE 38	SESE 7	108
	19		NWNE 29	SWNE 31	NENW 35	
		Lot 1(NWNW)	2	Lot 2(SWNW)	3	SENW 36
		NESW 27		Lot 3(NWSW)	7	Lot 4(SWSW) 16
		SESW 40		NESE 6	NWSE 11	
		SWSE 35		SESE 32		310
	20		NESW 1	NWSW 12	SWSW 40	
		SESW 6				59
	29		NWNW 8	SWNW 8	NWSW 22	38
	30		NENE 38	NWNE 20	SWNE 32	
		SENE 21		NENW 27	Lot 1(NWNW) 1	
		Lot 2(SWNW)	19	SENW 40	NESW 33	
		Lot 3(NWSW)	9	NESE 35	NWSE 28	
		SWSE 31		SESE 25		359

Total number of acres irrigated: 1858

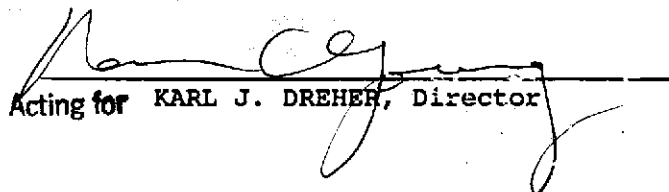
State of Idaho
Department of Water Resources**WATER RIGHT LICENSE**

WATER RIGHT NO. 41-07018

CONDITIONS OF APPROVAL AND REMARKS

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount that can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license shall be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.0 afa per acre at the field headgate for irrigation of the lands above.
6. Rights 41-07018 and 41-07032 when combined shall not exceed a total diversion rate of 18.26 cfs, a total annual diversion volume of 6165.1 af at the field headgate, and the irrigation of 1858 acres.
7. This right is limited to the irrigation of 1440 acres within the place of use described above in a single irrigation season.
8. Right 41-07032 is also diverted through the point(s) of diversion described above.

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 6TH day of MARCH, 1998.


Acting for KARL J. DREHER, Director

MICROFILMED
MAY 15 1998

RECEIVED

MAR 02 1998

State of Idaho
Department of Water Resources

Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 41-07018

Date of Priority: July 30, 1975

Maximum Diversion Rate: 18.26 CFS
Maximum Diversion Volume: 5760.0 AF

Comes now H ROSCOE WESTON
4448 STATE HWY 37
ROCKLAND ID 83271

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. 41-07018, 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	18.26 CFS	5760.0 AF

LOCATION OF POINT(S) OF DIVERSION:

SWSE , Sec. 24, Township 10S, Range 30E
NWNE , Sec. 25, Township 10S, Range 30E
NENW , Sec. 25, Township 10S, Range 30E
POWER 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>
10S	30E	24	NENE 33	NWNE 33	SWNE 33	
			SENE 33	NENW 9	NWNW 5	
			SWNW 15	SENE 31	NESW 33	
			NWSW 33	SWSW 33	SESW 33	
			NESE 33	NWSE 33	SWSE 33	
			SESE 33			456
		25	NENE 33	NWNE 33	SWNE 33	
			SENE 33	NENW 33	NWNW 33	
			SWNW 33	SENE 33	NESE 33	
			NWSE 33	SWSE 33	SESE 33	396
		36	NENE 33	NWNE 33	SWNE 33	
			SENE 33			132
31E	18		NESW 15	SESW 10	NESE 7	
			NWSE 31	SWSE 38	SESE 7	108
	19		NWNE 29	SWNE 31	NENW 35	
		Lot 1(NWNW)	2	Lot 2(SWNW)	3	SENE 36
			NESW 27	Lot 3(NWSW)	7	Lot 4(SWSW)
			SESW 40	NESE 6	NWSE 11	
			SWSE 35	SESE 32		310
	20		NESW 1	NWSW 12	SWSW 40	
			SESW 6			59
	29		NWNW 8	SWNW 8	NWSW 22	38
	30		NENE 38	NWNE 20	SWNE 32	
			SENE 21	NENW 27	Lot 1(NWNW)	4
		Lot 2(SWNW)	19	SENE 40	NESW 33	

MAY 15 1998

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 41-07018

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>
		Lot 3(NWSW)	9	NESE 35	NWSE 28	
		SWSE 31		SESE 25		359

Total number of acres irrigated: 1858

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 Repland Ida, this 25th day of Feb., 1998.

H. Ross Weston
(Signature)

MAY 15 1998

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 41-07018

FOR DEPARTMENT USE ONLY

Preliminary check by SWK Fee = 50.00 Received by VB # 0211581 Date 3/2/98

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. 41-07018 with the following;

CONDITIONS OF APPROVAL AND REMARKS

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount that can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license shall be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.0 afa per acre at the field headgate for irrigation of the lands above.
6. Rights 41-07018 and 41-07032 when combined shall not exceed a total diversion rate of 18.26 cfs, a total annual diversion volume of 6165.1 af at the field headgate, and the irrigation of 1858 acres.
7. This right is limited to the irrigation of 1440 acres within the place of use described above in a single irrigation season.
8. Right 41-07032 is also diverted through the point(s) of diversion described above.

Witness my hand this 6TH day of MARCH, 1998.


Acting for KARL J. DREHER, Director

NOTARIAL

MAY 15 1998

RECEIVED

4/86

SEP 18 1986

Department of State, Idaho
Sanitary Fee and Title

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

EXAMINATION FEE INFORMATION

For Office Use Only
Fee Received 325.00
Date 9/18/86 ✓
Receipt # 38718
Receipt by Mr. Baldwin
Sent to S.O. 9/18/86

RECEIVED

SEP 22 1986

1. Permit No. 41-7018

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

Department of Water Resources

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

2. Permit Holder: WESTON, H. ROSCOE

3. Post Office Address: STAR ROUTE, BOX 13 ROCKLAND, IDAHO 83271

Telephone No. (208) 548-2204/2478

4. Source of Water: Ground

5. Extent of Use:

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

Irrigation 1130 (acres) Other/Remark _____

6. Total rate &/or volume for which proof is submitted 10 cfs 1000 acre-feet

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

May 1976

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

Herbert R. Weston

(Name)

Rockland, Idaho 83271

(Address)

(208) 548-2283

(Telephone Number)

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

9-16-86

Date

Herbert R. Weston
Signature of Permit Holder (and title, if appropriate)

1 SF = 50 m = 150 gal.

150 3900

State of Idaho

Department of Water Resources

LICENSE EXAMINATION FEE SCHEDULE

(c.f.s. = cubic feet per second
AF = acre feet)

cfs	AF	Fee
0 - 0.04	0 - 4	\$ 0
.05 - 0.20	5 - 20	50.00
.21 - 1.0	21 - 100	100.00
1.01 - 2.0	101 - 200	125.00
2.01 - 3.0	201 - 300	150.00
3.01 - 4.0	301 - 400	175.00
4.01 - 5.0	401 - 500	200.00
5.01 - 6.0	501 - 600	225.00
6.01 - 7.0	601 - 700	250.00
7.01 - 8.0	701 - 800	275.00
8.01 - 9.0	801 - 900	300.00
9.01 - 10.0	901 - 1000	325.00
10.01 - 11.0	1001 - 1100	350.00
11.01 - 12.0	1101 - 1200	375.00
12.01 - 13.0	1201 - 1300	400.00
13.01 - 14.0	1301 - 1400	425.00
14.01 - 15.0	1401 - 1500	450.00
15.01 - 16.0	1501 - 1600	475.00
16.01 - 17.0	1601 - 1700	500.00
17.01 - 18.0	1701 - 1800	525.00
18.01 - 19.0	1801 - 1900	550.00
19.01 - 20.0	1901 - 2000	575.00
20.01 & over	2001 & over	600.00

Checks should be made payable to the
Department of Water Resources

No fee is required for single family
domestic use or stockwater use.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
PROOF OF BENEFICIAL USE

RECEIVED
AUG 27 1985

Department of Water Resources

The Idaho Department of Water Resources will consider this form as a statement that the permit holder(s) has completed development under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below:

Permit No. 41-7018

Name(s) of Permit Holder: A. Roscoe Weston

Post Office Address: Star Route, Box 13, ROCKLAND, IDAHO

ZIP 83271 Telephone No. (208) 548-2204 or 2283

Source of Water: Ground well

Extent of Use:

Domestic _____ (number of households)

Stockwater _____ (number and type of stock)

Irrigation 1440 (acres)

Other/Remarks _____

Indicate the date water was first diverted and beneficially used under this permit: _____

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

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

Person to contact to accompany the Department representative during the field examination:

Herb Weston

(Name)

Rockland, Idaho 83271

(Address)

548-2283

(Telephone Number)

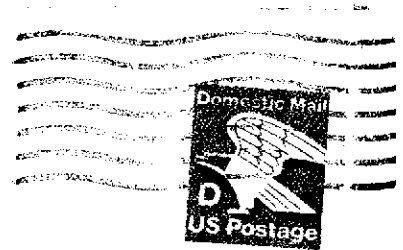
The above information is a true statement of the extent to which the above numbered permit has been developed.

August 20, 1985
Date

A. Roscoe Weston
Signature of Permit Holder (and Title, if appropriate)

MICROFILMED

HERB WESTON
WESTON WHEAT FARMS
STAR RT. (208) 548-2283
ROCKLAND, IDAHO 83271



Idaho Department of Water Resources
Statehouse Mail
Boise, ID 83720

BEFORE THE DEPARTMENT OF WATER RESOURCES
OF THE
STATE OF IDAHO

IN THE MATTER OF CHANGING THE MEASURING
DEVICE REQUIREMENT FOR PERMIT NO. 41-7018

ORDER

WHEREAS, the above numbered permit was approved with the condition that a measuring device of a type approved by the Department be permanently installed and maintained as part of the diverting works; and,

WHEREAS, on July 1, 1978, the Department adopted a new water measurement condition which states: "An access 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"; and,

WHEREAS, the former condition required the permit holder to purchase and install a measuring device or hire a professional engineer to certify the rate of diversion; and,

WHEREAS, the measuring device condition effective July 1, 1978, requires less capital expenditure by the permit holder; and,

WHEREAS, to be equitable to holders of permits issued prior to July 1, 1978, the new condition should be retroactive;

NOW THEREFORE, it is hereby ordered that the condition of approval of this permit related to water measurement is hereby changed as follows: "The permit holder shall either install a measuring device or provide a certified measurement by a professional engineer or install an access port or other device as specified by the Department".

Dated this 18th day of August, 1978.


C. STEPHEN ALLRED
Director

MICROFILMED

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Department of Water Resources

REQUEST FOR EXTENSION OF TIME

To provide additional time in which to submit
proof of beneficial use on a water right permit

RECEIVED
JUN 6 1980
Department of Water Resources
Southern District Office

H. Roscoe Weston of 890 Riverhight Blvd. Logan
(Name) (Address)

State of Utah 84321, deposes and says:

That he is the holder, or the duly authorized agent of the holder*, of Permit to Appropriate the Public
Waters of the State of Idaho No. 41-7018.

That under the terms and conditions of said permit, work thereunder was required to be completed on or
before Sept. 1st, 1980.

That he has heretofore performed the following work described under said permit: We have Drilled
3 wells and completed 2, are irrigating through 15
Center pivots but need more time to put in additional
pivots and complete the 3rd well. we have spent
to date on this system approx. Costing \$ 1,100.000⁰⁰

That he is unable to complete the remainder of the work within the required time for the following
reasons, to-wit: Due to various protests, lack of money
and high costs of interest

Wherefore, he asks that the Department of Water Resources extend the time for the completion of
obligations under said permit to Sept. 1st, 1985.

H. Roscoe Weston
(Signature)*

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

IT IS HEREBY ORDERED that the above application for extension of time be APPROVED and the time
within which to submit the statement of beneficial use is extended to September 1,
1985.

Signed this 11 day of June, 19 80.

Billy D. Flemer for
L. GLEN SAXTON
Chief, Operations Bureau

Identification No. _____

Application No. 41-7018

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

APPROVED

To Appropriate the Public Waters of the State of Idaho
(TYPE OR PRINT IN INK)

1. Name of applicant H. Roscoe Weston Phone: _____
post office address 890 River Heights Blvd. Logan, Utah
2. Source of water supply Groundwater which is a tributary of _____
3. a. Location of point of diversion is SW $\frac{1}{4}$ of SE $\frac{1}{4}$ of Section 24 Township 10S
Range 30E B.M. Power County; additional points of diversion if any: _____
SW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 25, Twp. 10S, Rge. 30E; SW $\frac{1}{4}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 19; SW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 30, Twp. 10S, Rge. 31E, B.M.
- b. If water is not consumed, it will be discharged into _____ at a point in _____ $\frac{1}{4}$
of _____ $\frac{1}{4}$ of Section _____ Township _____ Range _____ B.M. _____
4. Water will be used for the following purposes:
Amount 28.80 ~~cfs~~ for Irrigation purpose from March 15 to November 15 (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purpose from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purpose from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated:
a. 28.80 cubic feet per second and/or
b. _____ acre feet per annum.
6. Proposed diverting works:
a. Description of ditches, flumes, pumps, headgates, etc. wells, motors & pump.

b. Height of storage dam _____ feet, active reservoir capacity _____ acre feet; total reservoir capacity _____ acre feet, materials used in storage dam: _____
Period of year during which storage will occur _____ to _____ inclusive.
(Mo. Day) (Mo. Day)
c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet.
7. a. Time required for the completion of the works and application of the water to the proposed beneficial use is 5 years.
b. Estimated construction cost is \$ _____.
8. Description of proposed uses:
a. If water is **not** for irrigation:
(1) Give the place of use of water: _____ $\frac{1}{4}$ of _____ $\frac{1}{4}$ of Section _____ Township _____
Range _____ B.M. _____
(2) Amount of power to be generated: _____ hp under _____ feet of head.
(3) List number of each kind of livestock to be watered _____

(4) Name of municipality to be served _____, or number of families to be supplied with domestic water _____.
(5) If water is to be used for other purposes describe: _____

APPROVED

[illegible]

Total number of acres to be irrigated	1,440
c. Describe any other water rights used for the same purposes as described above.	None

c. Describe any other water rights used for the same purposes as described above. None

a. Who owns the property at the point of diversion

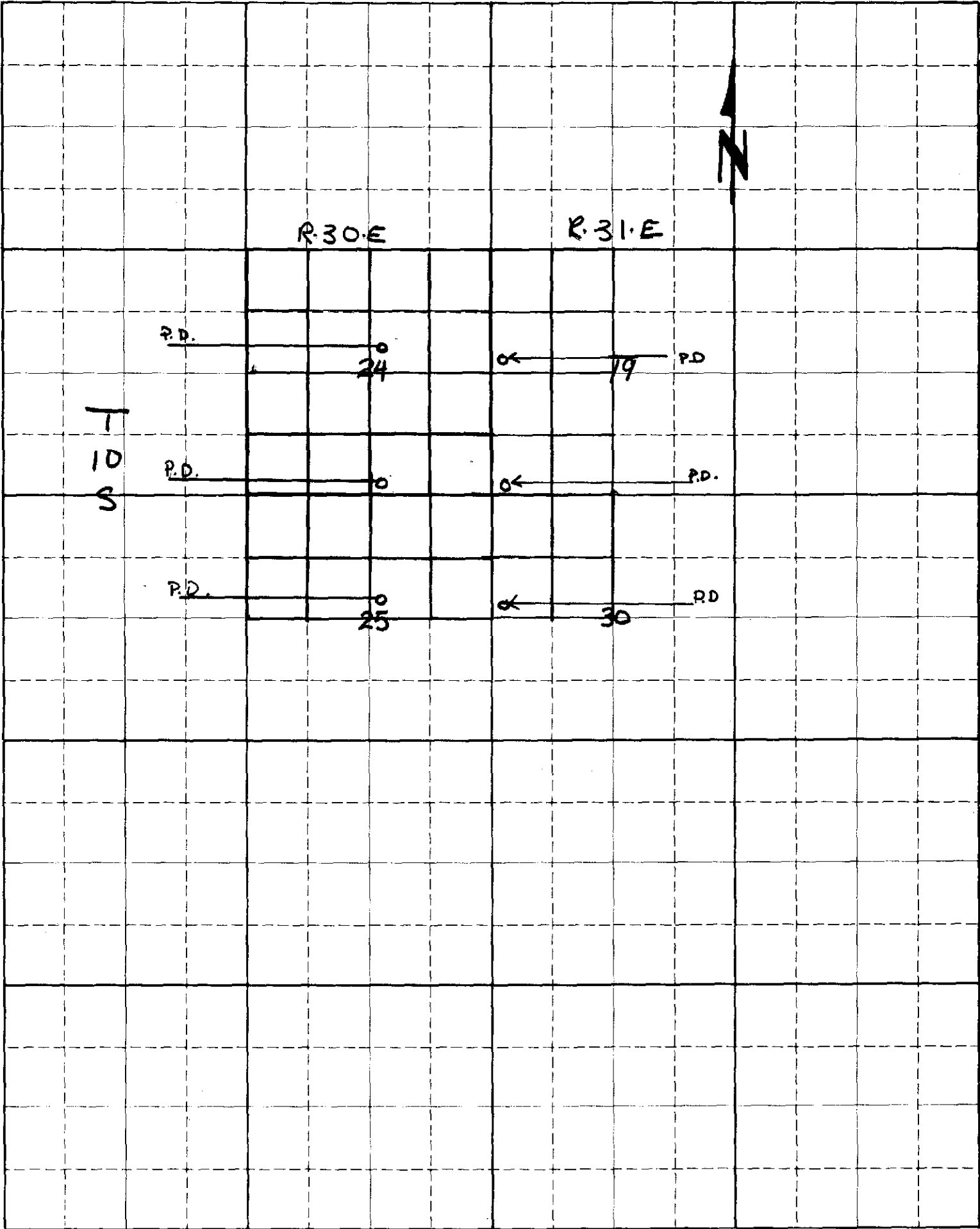
b. Who owns the land to be irrigated or place of use

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

applicant to make this filing

Remarks

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



Scale: 2 inches equal 1 mile

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

A. Rosecrance
(Applicant)

Proposed Priority 7-30-1975

Received by ADM Date 7-30-75 Time 9:30 AM # 1664
Preliminary check by ADM Fee \$ 260.00

Received by CC Date 7-30-75
Publication prepared by CC Date 7-30-75
Published in Power County Press
Publication dates 8-7 & 8-14-75
Publication approved CC Date 8-18-75
Priority reduced to _____ Reason _____

Protests filed by: _____
Copies of protests forwarded by _____
Hearing held by _____ Date _____
Recommended for approval denial by JH

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. 41-7018, and said application is hereby APPROVED

1. Approval of said application is subject to the following limitations and conditions:

a. SUBJECT TO ALL PRIOR WATER RIGHTS.

b. Proof of construction of works and application of water to beneficial use shall be submitted on or before September 1, 19 80.

c. Other: A measuring device of a type approved by the Director shall be permanently installed and maintained as part of the diverting works.

2. Denial of said application is for the following reasons: _____

Witness my hand this 3 day of September, 19 75.

Director



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

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

March 11, 1998

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

H ROSCOE WESTON
4448 STATE HWY 37
ROCKLAND ID 83271

RE: WATER RIGHTS 41-07018/41-07032

Dear Water Right Holder(s):

The Department of Water Resources (the Department) has issued the enclosed licenses confirming that water rights have been established in accordance with the permits referenced above. The licenses are preliminary orders issued by the Department pursuant to section 67-5243, Idaho Code. They can and will become final orders without further action of the Department unless a party petitions for reconsideration or files an exception and/or brief as further described below.

PETITION FOR RECONSIDERATION

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

EXCEPTIONS AND BRIEFS

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

If any party appeals or takes exceptions to this preliminary order, opposing parties shall have twenty-one (21) days to respond to any party's appeal. Written briefs in support of or taking exceptions to the preliminary order shall be filed with the Department. The Department retains the right to review the preliminary order on its own motion.

MICROFILMED

MAY 15 1998

ORAL ARGUMENT

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

CERTIFICATE OF SERVICE

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

FINAL ORDER

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

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

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

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

APPEAL OF FINAL ORDER TO DISTRICT COURT

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

- i. A hearing was held,

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

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

Also, I have enclosed a copy of you approved licensing amendment for you to keep for your records.

Sincerely,



Shelley W. Keen
Water Rights Supervisor

SWK:klt

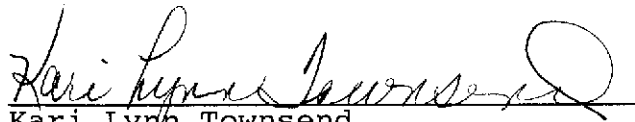
Enclosure

CERTIFICATE OF MAILING

I hereby certify that on the **11th** day of **March, 1998**, I mailed a true and correct copy, postage prepaid, of the foregoing **PRELIMINARY ORDERS (Approved Licenses)** to the person(s) listed below:

WATER RIGHTS 41-07018/41-07032

**H ROSCOE WESTON
4448 STATE HWY 37
ROCKLAND ID 83271**


Kari Lynn Townsend
Secretary

RECEIVED
MAY 13 1998



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, P.O. BOX 83720, Boise, Idaho 83720-0098

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

February 17, 1998

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

H ROSCOE WESTON
PO BOX 336
LOGAN UT 84321

RE: Water Rights 41-07018 and 41-07032

Dear Mr. Weston:

After reviewing the information submitted by Gail Staley, I have revised the licensing recommendations for permits 41-07018 and 41-07032. Before the licenses can be issued, however, the permits still need to be amended to correctly identify the places of use. Please review and sign the enclosed amendment forms and return them to me within fourteen days. Each amendment form must be accompanied by a \$50.00 filing fee -- \$100.00 total.

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

Respectfully,

A handwritten signature in cursive script that reads "Shelley Walter Keen".

Shelley Walter Keen
Water Rights Supervisor

Enclosure

MICROFILMED
MAY 15 1998

MEMORANDUM

DATE: February 12, 1998

TO: Water Right Files 41-07018 and 42-07032

FROM: Shelley W. Keen ^{SWK}

RE: Diversion Rate

I have been analyzing all available data to determine the maximum combined diversion rate for the three-well irrigation system operated under water appropriation permits 41-07018 and 42-07032. In this memo I will summarize and analyze the available data and recommend a combined diversion rate for licensing.

Water is diverted from three wells referred to as "A", "B", and "C". The three wells are located within a few hundred feet of each other, which suggests a strong probability of well interference. Well "A" was supposedly drilled in 1976, well "B" about 1977, and well "C" about 1979. A well log on file with IDWR indicates that Vollmer and Sons drilled a well in the NWNE of Section 25 in the fall of 1976. The static water level in this well was 200 feet. The timing matches well "A", but the location suggests that this is the well referred to as "B". Unfortunately, I cannot find another log for a well drilled at or near this location in 1976 or 1977.

Well "C" is probably represented by a well log showing that Vollmer and Sons drilled a well in the SESW of Section 24 in the spring of 1979. While the location in Section 24 suggests well "A", the timing suggests well "C". The wells are so close together near the line separating Sections 24 and 25 that the driller could easily have mistaken the location. The static water level in this well was 280 feet.

Gail Staley of G. J. Verti-Line Pumps, Inc., in Twin Falls sent me copies of receipts and pump curves for the pumps and motors installed in the three wells. The receipts indicate that well "A" was equipped with a 300 h.p. pump and motor in the late summer of 1976. The system was designed to produce 3900 gpm (8.69 cfs) at 252 feet of head. Well "B" received a 300 h.p. pump and motor designed to produce 2500 gpm (5.57 cfs) at 363 feet of head in the spring of 1977. Well "C" received a 200 h.p. pump and motor in the summer of 1981. It was designed to pump 1800 gpm (4.01 cfs) at 365 feet of head. The permit holder, Roscoe Weston, told me that Kechter Brothers of Burley installed 150 h.p. booster pump on each system at the time the well pumps were installed. The boosters were necessary to pressurize the distribution system which consisted of eleven 800 gpm pivots, according to Weston and Staley.

I have been unable to determine satisfactory answers to two questions about the information the system design information. First, why was system "A" designed for 110 feet less head than the other two systems? Perhaps the answer lies in the missing well log. One plausible explanation,

MAILED
MAY 15 1998

however, is that the potential drawdown in well "A" was initially miscalculated. The design of "B" and "C" probably benefited from the knowledge gained from operating "A".

The second question is how eleven 800 gpm pivots could be operated from a system designed to produce a maximum of 8200 gpm (3900 + 2500 + 1800). Mr. Weston did not seem to agree with the suggestion that not all of the pivots were operated simultaneously.

Proof of Beneficial Use was submitted for permit 41-07018 in 1985 and for permit 41-07032 in 1990. In 1988 John Westra of IDWR conducted an energy audit for wells "A" and "C". Using a Collins meter he measured "A" at 2581 gpm and "C" at 1927 gpm. Mr. Weston is disappointed with the measurement of "A", but seems satisfied with "C". It is difficult to discern why "A" was not living up to the 3900 gpm design. One thought is that the dynamic pumping depth may be greater than the design anticipated. According to the pump curve submitted by Mr. Staley, if pump "A" was working against a head of 360 feet like "B" and "C" were designed to do, it would produce in the 2250 gpm range and at a less-than-optimum efficiency. This would be consistent with John Westra's determination that pump "A" was operating at a "fair" efficiency.

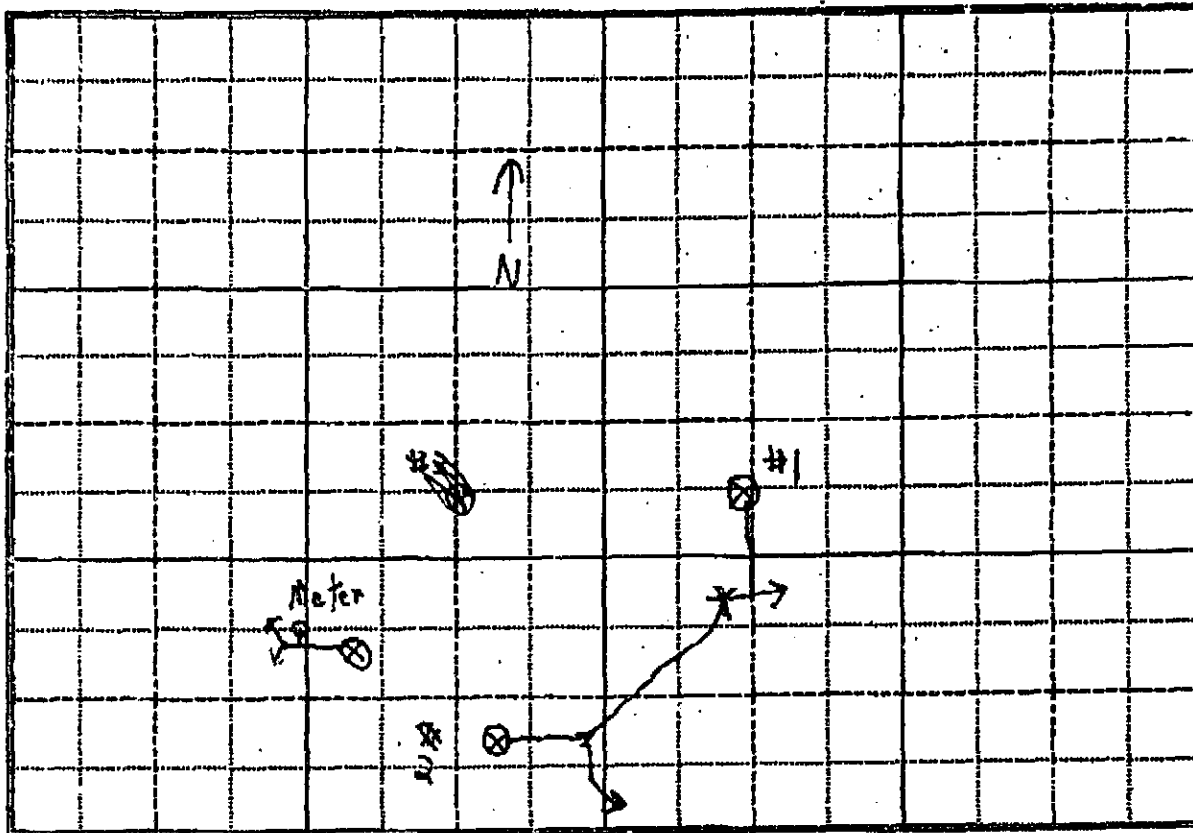
In 1990 Jim Stanton of IDWR measured system "B" at 2023 gpm (4.51 cfs) using an annubar. Mr. Staley is dissatisfied with this measurement also. I can see no apparent reason to discredit the measurement.

In 1997 Jim Stanton used a sonic meter to conduct additional flow measurements in connection with permit 41-07024, which has been relinquished. He measured "A" at 2961 gpm (6.60 cfs), "B" at 1548 gpm (3.45 cfs), and "C" at 907 gpm (2.02 cfs). Jim suggests that the flow from "C" was about 0.72 cfs low because one small pivot was not operating. Unfortunately these measurements cannot realistically be compared with the earlier measurements because Mr. Weston had converted to low pressure nozzles and removed the booster pumps from his system. Mr. Weston is adamant that he intends to install new booster pumps to get back the flow rates he insists his system could produce in the 1980s.

The licensing recommendation presented to Mr. Weston was for 14.55 cfs determined by combining John Westra's two 1988 measurements and Jim Stanton's 1990 measurement. The entire 1858-acre place of use was recommended with no limitations. While it is possible that Mr. Weston has not ever irrigated 1858 acres in a single season, at this point it would be difficult to ascertain the maximum number of acres irrigated in a single season during the development period. While it has been the practice in the SRBA to limit irrigation to one acre for every 0.01 cfs, that practice was not recommended in this case for two reasons. First, the system is self-limiting in that the water can be stretched only so far. Second, as Jim Stanton points out, dry-farming grain is possible in the area. Irrigation supplements the natural precipitation.

Because of the inconsistent nature of the data collected, it is difficult to determine the maximum diversion rate appropriated by Mr. Weston under permits 41-07018 and 41-07032. It is possible that prior to the 1988 measurements the diversions from the three wells closely approximated their designed capacities of approximately 8200 gpm, or 18.26 cfs. Licensing 18.26 cfs would certainly get much closer to the SRBA practice of limiting irrigation rights to one acre for every 0.01 cfs.

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



Scale: 1" = _____

____ 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
1	GE	300	BMJ225116	Aurora	37670331
2	GE	300	BMJ213114	"	71543
3	GE	200	CTJ304142	"	3X1 70198

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

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Polysonic Meter						April 1997

2. Measurements: See Remarks.

Well A = 6.60 cfs, Well B = 3.45 cfs, Well C = 2.02 cfs

RECORDED

MAY 15 1998

From file 41-07024

S. W. Keen

0374.4 MMSEC
097.01 % TO

MODE SELECT
INPUT

KIND OF FLUID
? ANOTHER

SENSOR MOUNTING
? U

DATA CHANGE
? YES

CHANGE DATA
? FLUID

KIND OF FLUID
? WATER

SPACING
10.183 IN U

07-18 11:1400 *R
+002.38 % A12

07-18 11:1400 *R
+ 3.132E 3GPM

ZERO MODE
CLEAR

07-18 11:1700 *R
+ 3.025E 3GPM

07-18 11:1700 *R
+ 2.987E 3GPM

07-18 11:1800 *R
+ 2.982E 3GPM

07-18 11:2100 *R
+ 2.971E 3GPM

07-18 11:2300 *R
+ 2.955E 3GPM

07-18 11:2300 *R
+ 2.955E 3GPM

07-18 11:2500 *R
+ 2.943E 3GPM

07-18 11:2500 *R
+ 2.962E 3GPM

07-18 11:2600 *R
+ 2.964E 3GPM

07-18 11:2600 *R
+ 2.941E 3GPM

07-18 11:2700 *R
+ 2.965E 3GPM

2701
gpm
6.60
cfs

0374.4 MMSEC
097.01 % TO

MODE SELECT
INPUT

KIND OF FLUID
? ANOTHER

SOUND VELOCITY
1530 M/S-

SENSOR MOUNTING
? U

TYPE OF SENSOR
? SMALL

DATA CHANGE
? NO

SPACING
8.709 IN U

07-18 12:1500 *R
+ 1.550E 3GPM

07-18 12:1500 *R
+ 1.567E 3GPM

07-18 12:1600 *R
+ 1.552E 3GPM

07-18 12:1600 *R
+ 1.545E 3GPM

07-18 12:1700 *R
+ 1.544E 3GPM

07-18 12:1700 *R
+ 1.541E 3GPM

07-18 12:1800 *R
+ 1.541E 3GPM

07-18 12:1800 *R
+ 1.537E 3GPM

1548
wavy
2.45
cfs

07-18 12:2600 *R
+ 5.958E 0FPS

07-18 12:2800 *R
+002.40 % A12

MODE SELECT
TO CHECK

0376.8 MMSEC
100.29 % TO

B

MODE SELECT
TO CHECK

0381.9 MMSEC
097.39 % TO

0381.9 MMSEC
097.40 % TO

MODE SELECT
INPUT

MODE SELECT
DATA SET

KIND OF FLUID
? ANOTHER

SOUND VELOCITY
1530 M/S-

SENSOR MOUNTING
? U

TYPE OF SENSOR
? SMALL

SPACING
8.517 IN U

ZERO MODE
CLEAR

07-18 13:2200 *R
+002.60 % A12

07-18 13:2300 *R
+913.587E 0GPM

07-18 13:2300 *R
+910.972E 0GPM

07-18 13:2300 *R
+896.864E 0GPM

07-18 13:2400 *R
+917.999E 0GPM

07-18 13:2600 *R
+890.524E 0GPM

07-18 13:2600 *R
+910.947E 0GPM

07-18 13:2700 *R
+902.147E 0GPM

07-18 13:2700 *R
+894.222E 0GPM

07-18 13:2800 *R
+921.432E 0GPM

907
wavy
2.02
cfs

From file 41-07024
S.V. Keen

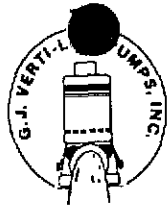
E. NARRATIVE/REMARKS/COMMENTS

System consists of 3 wells & pumps, buried mainlines to 13 pivot sprinklers of various sizes. System was examined in 1990 for other permits. Wells had booster pumps at that time, & all 3 wells were connected. But the boosters were removed 2-3 years ago, & Well C was disconnected from the other wells. The 2 small pivots on the SE corner of the farm, recommended under 41-07018, are no longer in use. The 2 south pivots, and the west pivot on the north end of the farm, all recommended under 41-07032, are also no longer in use. So no new land has been developed under 41-07024. Present P/U is actually smaller than what was previously recommended. Wells A+B were measured at a combined rate of 10.05 cfs. Well C was measured at 2.02 cfs, but this is not the full capacity of the well. Two full-size pivots were being run from Well C during the measurement, but another small pivot that is also served by this well was off due to mainline problems. Small pivot is about 940' long (per ASCS photo). $940' \div 1320' = .712$. With a standard pivot of 101 cfs, $.712 = 0.72$ cfs. Measured $2.02 \text{ cfs} + 0.72 \text{ cfs} = 2.74 \text{ cfs}$ Total Flow for Well C. System capacity = 12.79 cfs. This is less than the 14.55 cfs recommended under 41-07018, so no additional water has been developed. Recommend permit be cancelled for lack of development. Will try to get owner to relinquish permit.

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

MAY 15 1998

41-
From file 07024
S.W. Kean



G.J. VERTI-LINE PUMPS, INC.

1970 Highland Ave. East - P.O. Box 892
Twin Falls, Idaho 83303
Fax (208) 733-5009
Phone (208) 733-4278

RECEIVED
FEB 11 1998

Department of Water Resources

02/09/98

Shelly Keen
Department of Water Resources
1301 Orchard St.
Boise, Id 83706

Re: Roscoe Weston

Enclosed, please find the original order transmittals when the Roscoe Weston pumps were invoiced. With each transmittal attached are bowl curves showing the design. Two of the bowl assemblies have mixed impellers so I have - 2 - curves for each of these. The curve for 'A' - the vanes were 'backfiled' to pick up a little extra head to make the design.

As I stated in our telephone conversation of this morning, the Westons ran eleven 800 GPM pivots after the above 3 pumps were installed.

If you have any questions, please feel free to call me.

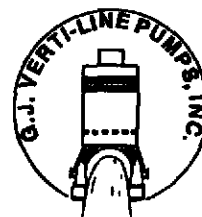
Best Regards

G. J. Verti-Line Pumps, Inc.

Gail Staley
Manager

G.J. VERTI-LINE PUMPS, INC.

GAIL J. STALEY
Manager



1970 Highland Ave. East
P.O. Box 892
Twin Falls, ID 83301
208/733-4278
Res. 733-6492
Fax 733-5009

FOR AURORA PRODUCTS, MARK **XX** IN BOX, AND MAIL TO NORTH AURORA, ILLINOIS
FOR VERTI-LINE PRODUCTS MARK **XX** IN BOX AND MAIL TO CITY OF INDUSTRY, CALIF. **XX**

NO. 1808

SHIPPED FROM Twin Falls

USE THIS INFORMATION TO INVOICE CUSTOMER

SOLD TO

Reister Brothers
225 West 27th St.
Burley, Id 83318

ZIP CODE

CUST. ORDER NUMBER

TERMS - NET 30 DAYS
1 1/2 % PER MONTH
ADDED ON ALL PAST
DUE INVOICES.

MARKET CODE

☒ AGRICULTURE	3	76-86487
☐ INDUSTRIAL	4	
☐ EXPORT	6	
☐ O.E.M.	7	
☐ MUNICIPAL	8	
☐ COMMERCIAL	9	

ONE BOX MUST BE CHECKED

CUSTOMER CREDIT DATA

D & B RATING

APPROVED BY

DATE

SHIPMENT SCHEDULED

8-2-76

CUST. ORDER NUMBER

DATE OF ORDER

DIST. CODE

INSTIONS

PARTS LISTS

SHIPMENT REQUESTED

CUST. CODE

SALES TAX

YES

NO

☒

EXEMPTION NUMBER

Agri

SHIP VIA

Install

SERVICE CALL

SHIP PUMP FROM STOCK

QTY.	LIST EACH	MODEL OR PART	DESCRIPTION	TOTAL LIST	MULT.
		300 HP DW Weston Job	'A' Pump		
		300 HP GE Motor SN BWJ 225116 w/ 175% EHT			
		20 AC-12 head			
		12 companion Flange			
		5' of 12 Discharge			
		260' of 12 x 3 x 1 15/16 Column			
		5 stages 14 IHI Bowl Assy.			
		5' of 12" Suction w/ cone			
		labor to install			

COUPLING	BASE PLATE NUMBER	PURCHASE ORDER NO.	FACTORY COST	SUB TOTAL			
MOTOR	H.P. 250	PHASE 3	HERTZ 60	VOLTS 460	R.P.M. 1800	ENCLOSURE	TAX
FRAME	MANUFACTURER	PURCHASE ORDER NO.	MOTOR COST	WAREHOUSE TO FURNISH	YES	NO	TOTAL
PUMP	PATTERN NO. 14 IHI	IMPELLER DIA. 10	CAPACITY 3900 G.P.M.	TOTAL HEAD 252 FT.	SPEED 1770 R.P.M.	PUMPING TEM.	SELLING PRICE
STAGES	LIQUID	SOLIDS	SP. GR.	VISCOSITY	SUCTION PRESSURE	N.P.S.H. AVAL. FT.	SALES TAX
5	Water						FREIGHT CO.
OFFICE CODE	OFFICE NAME (use only for split commissions)						SALES OFFICE COST
S.O. CODE NO. 118	SALES OFFICE NAME Twin Falls						SALES OFFICE COMM.
SALES OFFICE ORDER NO. DV-755-1808							

ATTACH SHEET FOR SPECIAL INSTRUCTIONS

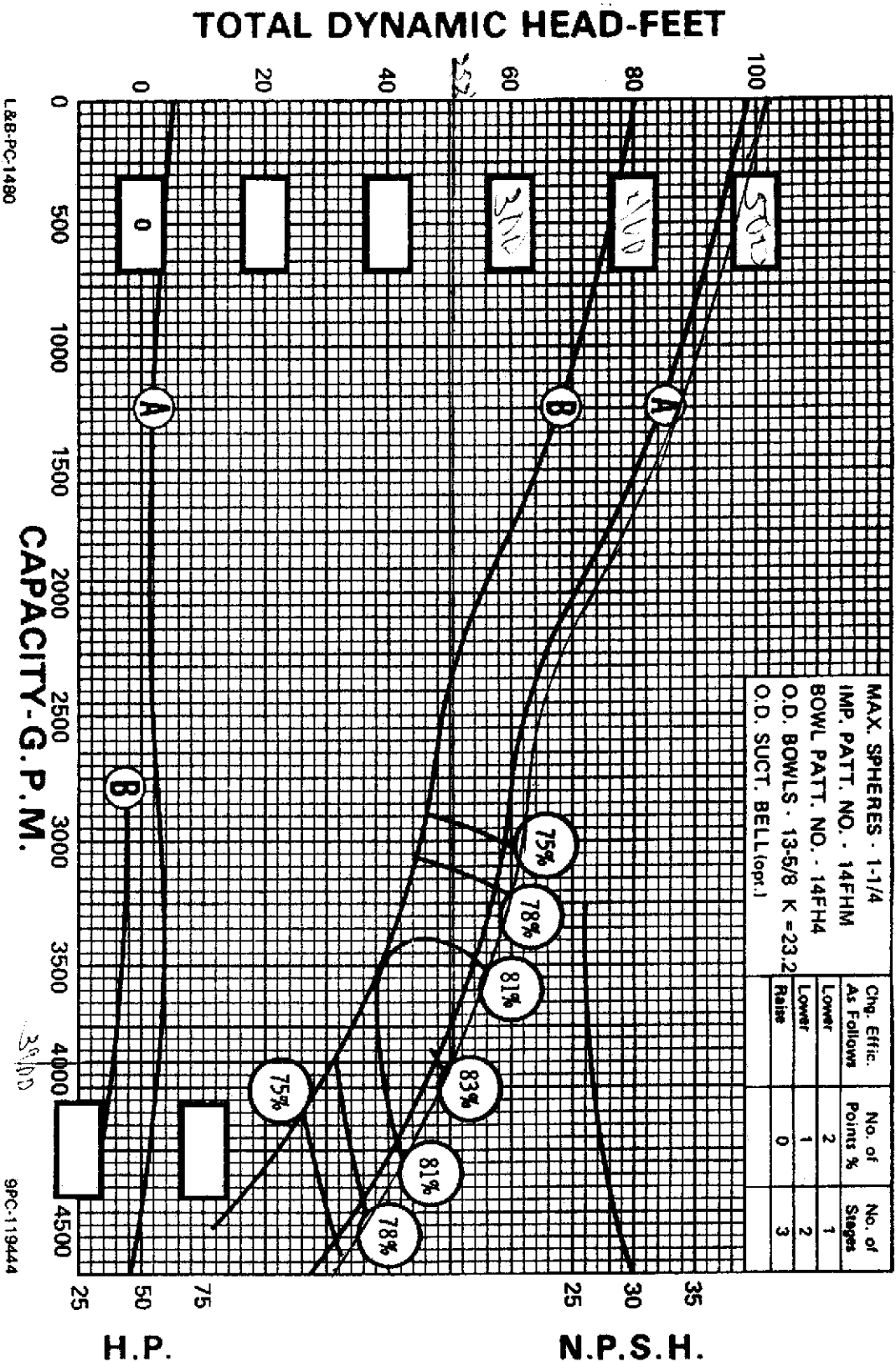
W. COPELAND

1-5-1998

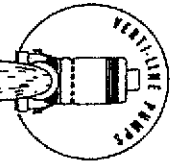
537900 W. BOWL F.L.E.
A. Pump

14FHM SERIES 1110 Verti-Line PUMP

SECTION 1110 PAGE 465
DATED MARCH 1988
SUPERSEDES PAGE 605
DATED DECEMBER 1981



MICROFILMED
MAY 15 1998



G. J. VERTI-LINE PUMPS, INC.

1970 HIGHLAND AVE. E.
P.O. BOX 892
TWIN FALLS, ID 83301

(208) - 733-4276

A = 11.250
B = 10.625
C = REFER TO FACTORY



ORDER NO. MARKET	NEAREST REL. OFFICE	DATE
☐ AGRICULTURE	☐ S.E.M.	7
☐ INDUSTRIAL	☐ MUNICIPAL	8
☐ EXPORT	☐ COMMERCIAL	9

377-74543

SOLD TO
Kechter Brothers
Box 308
American Falls, Id 83211

CUST. ORDER NO.
SHIPPED FROM Twin Falls 5-39

SHIP TO

CUSTOMER CREDIT DATA	
D & B RATING	APPROVED BY
	DATE

TERMS - NET 30 DAYS
UNLESS OTHERWISE MARKED
1% PER MONTH ADDED ON ALL PAST DUE INVOICES
PAYABLE IN U.S. FUNDS ONLY

MARK

FREIGHT		
COLLECT	PREPAID ALLOWED	PREPAID ADD

ORDER NUMBER	DATE RECEIVED	CUSTOMER'S ORDER NO.	SHIPMENT REQUESTED
	3-30-77		
SP. CR.	CUST. CODE	S. TAX EXEMP. NUMBER	SALES TAX YES ☐ NO ☒
		S. SOLD	DIST. NO.
		S. SHIP'D	C. SHIP'D
		SHIP VIA	Install
			4-29-77

PROD. CODE	QTY. ORDERED	PRICE EACH	PART OR MODEL	DESCRIPTION
			300 HP DW pump	Western B Pump
1			300 HP GE Motor w/ 175% EHT	
1			20 AC-10 head	
			10" compantion flange	
			5' of 10" discharge	
			350' of 10 x 3 x 1 15/16 column assy.	
			4 stages 14 RMH Bowl assy.	
			5' of 10" suction w/ cone	
			Installation 428.72	22' blue
			260' Airline	

PELLER PATT.	DIA.	CAPACITY	TOTAL HEAD	SPEED	EFFICIENCY	PU.
14 RMH	FD 18M 6.3-RH	2500 G.P.M.	363	1770 FT.	%	
TAGES	SPEC. GRAV.	VISCOSITY	BRAKE HORSE POWER	SUCTION PRESSURE	VAPOR PRESSUR	
4			SSU	PSIG		

LIQUID
water
N.P.S.H.. ABOVE VAP
AVAIL.

WHSE. ORDER No.	
BR. ORDER No.	GDW-251-5-39
158 - Twin Falls	

ALL OF MATERIAL

SPECIAL INSTRUCTIONS

MAY 15 1977

INVOICING ORDER TRANSMITTAL

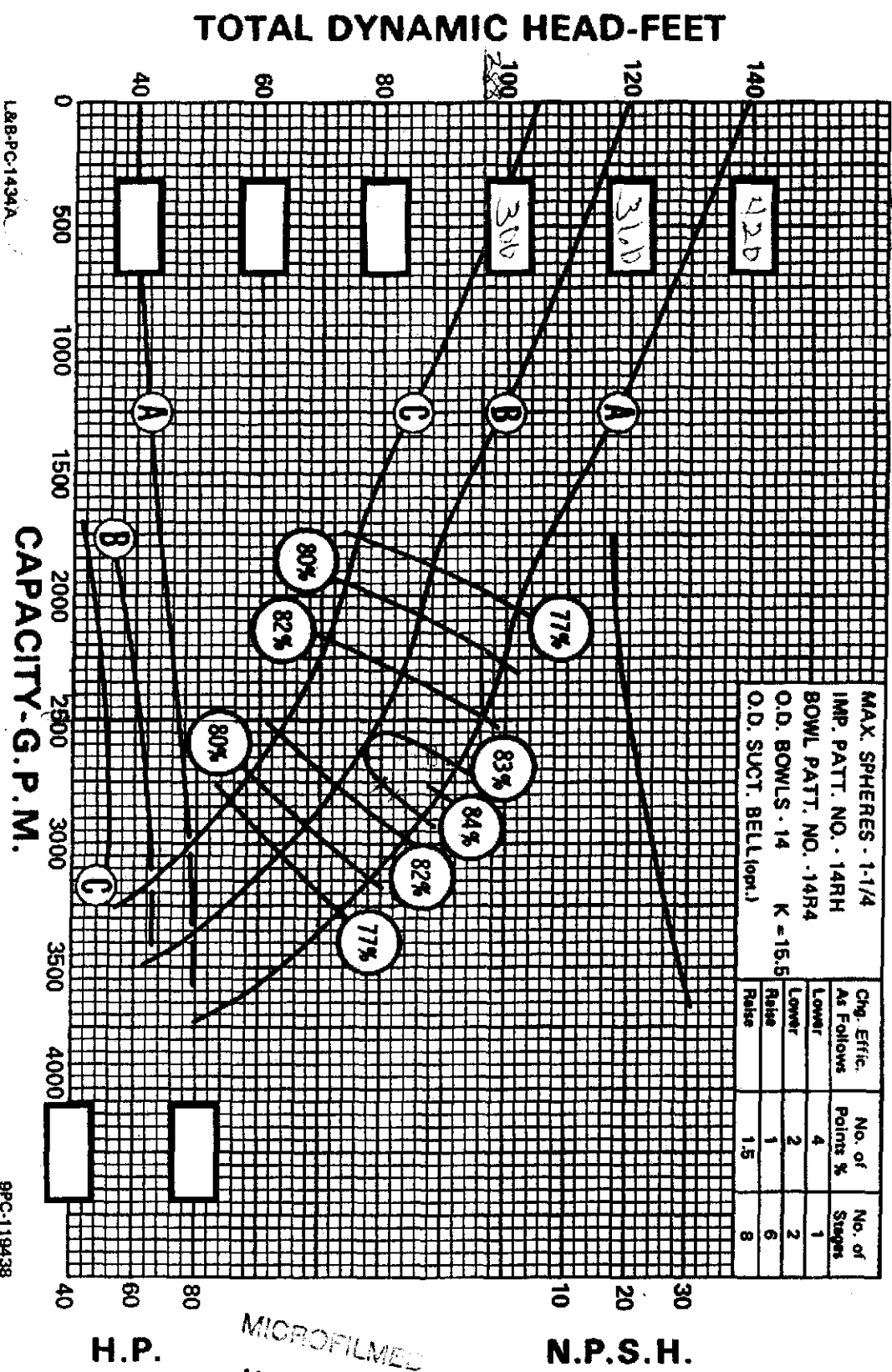
BRANCH FILE COPY

SIGNED

DATE 5-2-77

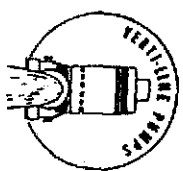
14RH SERIES 1110
 Verti-Line PUMP

3.500
 1.000
 1.000



MAX. SPHERES - 1-1/4	Chg. Effic. As Follows	No. of Points %	No. of Stages
IMP. PATT. NO. - 14RH	Lower	4	1
BOWL PATT. NO. - 14R4	Lower	2	2
O.D. BOWLS - 14	Raise	1	6
O.D. SUCT. BELL (in.)	Raise	1.5	8

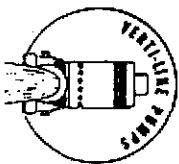
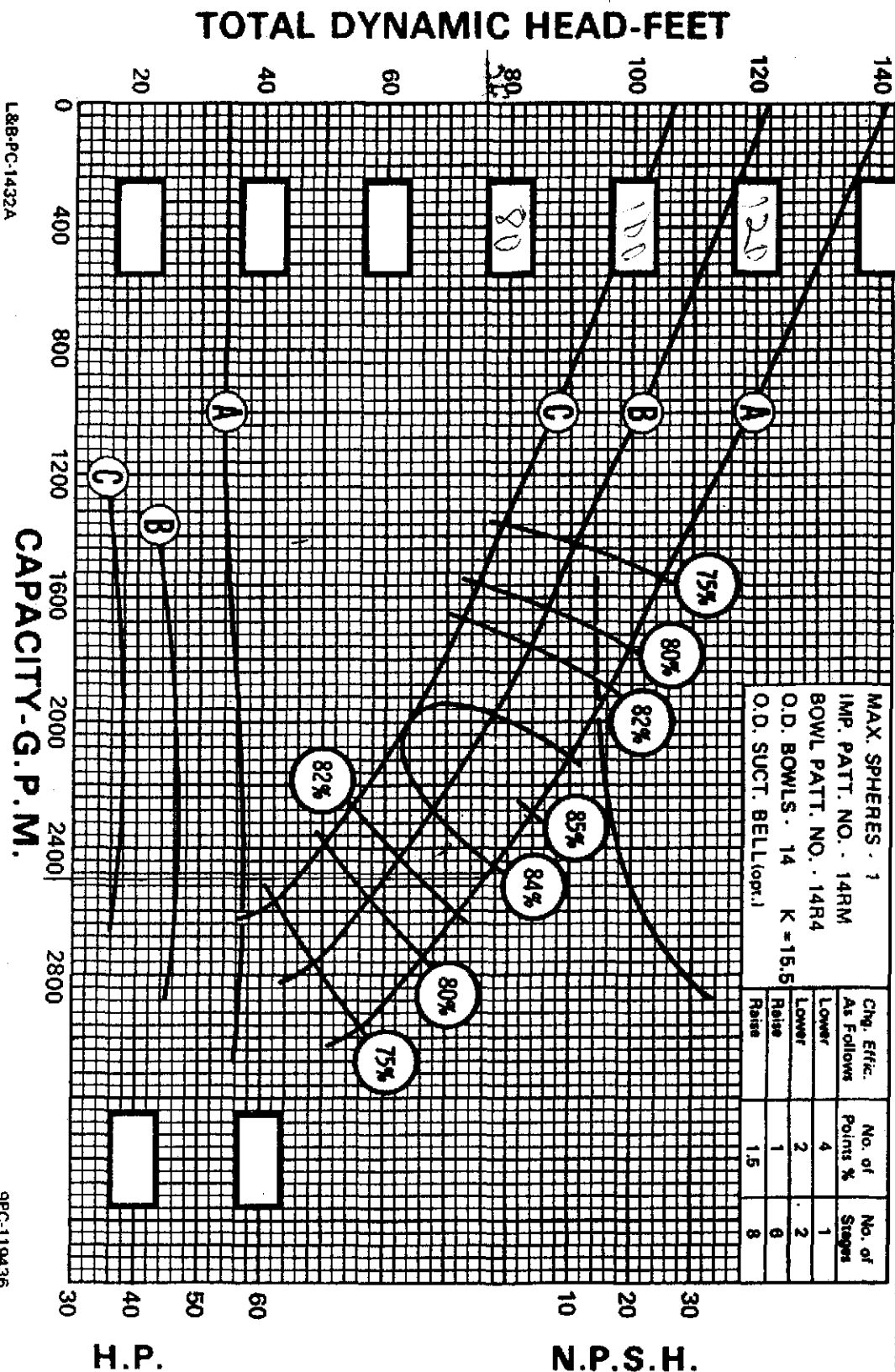
- A = 11,500
- B = 10,875
- C = 10,375



G. J. VERTI-LINE PUMPS, INC.
 1570 HIGHLAND AVE. E.
 P.O. BOX 892
 TWIN FALLS, ID 83301
 (208) - 733-4278

14RM SERIES 1110 Veri-Line PUMP

SECTION 1110 PAGE 457
DATED MARCH 1988
SUPERSEDES PAGE 597
DATED DECEMBER 1981



G. J. VERTI-LINE PUMPS, INC.

1970 HIGHLAND AVE. E.

P.O. BOX 892

TWIN FALLS, ID 83301

(208) - 733-4278

A = 11,500
B = 11,000
C = 10,500

1770
R.P.M.

MICROFILMED
MAY 15 1998

ORDER NO. MARKET CODE - SEE NO. MUST BE CHECKED				F. O. ORDER NUMBER	
☒ AGRICULTURE	3	☐ O.E.M.	PREFIX	7	3X1-70198
☐ INDUSTRIAL	4	☐ MUNICIPAL	8		
☐ EXPORT	6	☐ COMMERCIAL	9		

SOLO TO Roscoe Weston
890 River Heights
Logan, Utah 84321

CUST. ORDER NO.

SHIPPED FROM Twin Falls 8106-92

SHIP
TO

CUSTOMER CREDIT DATA	
D & B RATING	APPROVED BY
	DATE

TERMS - NET 30 DAYS
1% per month or maximum interest permitted
by law charged on past due items
PAYABLE IN U.S. FUNDS ONLY

MARK

FREIGHT		
COLLECT	PREPAID ALLOWED	PREPAID ADD

TERMS

ORDER NUMBER		DATE RECEIVED 4-15-81		CUSTOMER'S ORDER NO.					SHIPMENT REQUESTED	
AP. CR.	CUST. CODE	S. TAX EXEMP. NUMBER	SALES TAX YES ☐ NO ☒	S. SOLD	DIST. NO.	S. SHIP'D	C. SHIP'D	SHIP VIA install	SHIPMENT SCHEDULED 6-11-81	

PROD. CODE	QTY. ORDERED	PRICE EACH	PART OR MODEL	DESCRIPTION
			200 HP DW Pump	Weston 2 Pump
	1		200 HP Motor w/ 175% Thrust	
	1		20 AC-10 head	
			10" companion flange	
			5' of 10" discharge pipe	
			370' of 10 x 2 1/2 x 1 11/16 column assy.	
			5 stages 14 RL-XL bowl assy.	
			5' of 10" suction w/ cone	
			Installation	

IMPELLER PAT.		DIA.		CAPACITY		TOTAL HEAD		SPEED		EFFICIENCY		PUMP	
14 RL-XL		F.D.3-20-2XL		1800 G.P.M.		365 FT.		1770 R.P.M.		%			
STAGES		SPEC. GRAV.		VISCOSITY		BRAKE HORSE POWER		SUCTION PRESSURE		VAPOR PRESSURE			
5				SSU				PSIG					

LIQUID	
N.P.S.H.. ABOVE VAPO	
AVAIL.	

WHS
JCE No.

BRANCH
JCE No.

0158-01-Twin Falls

WHSE ORDER No. _____

BB ORDER No. _____

WHSE COM

RANCH COME

ALL OF MATERIAL

SPECIAL INSTRUCTIONS

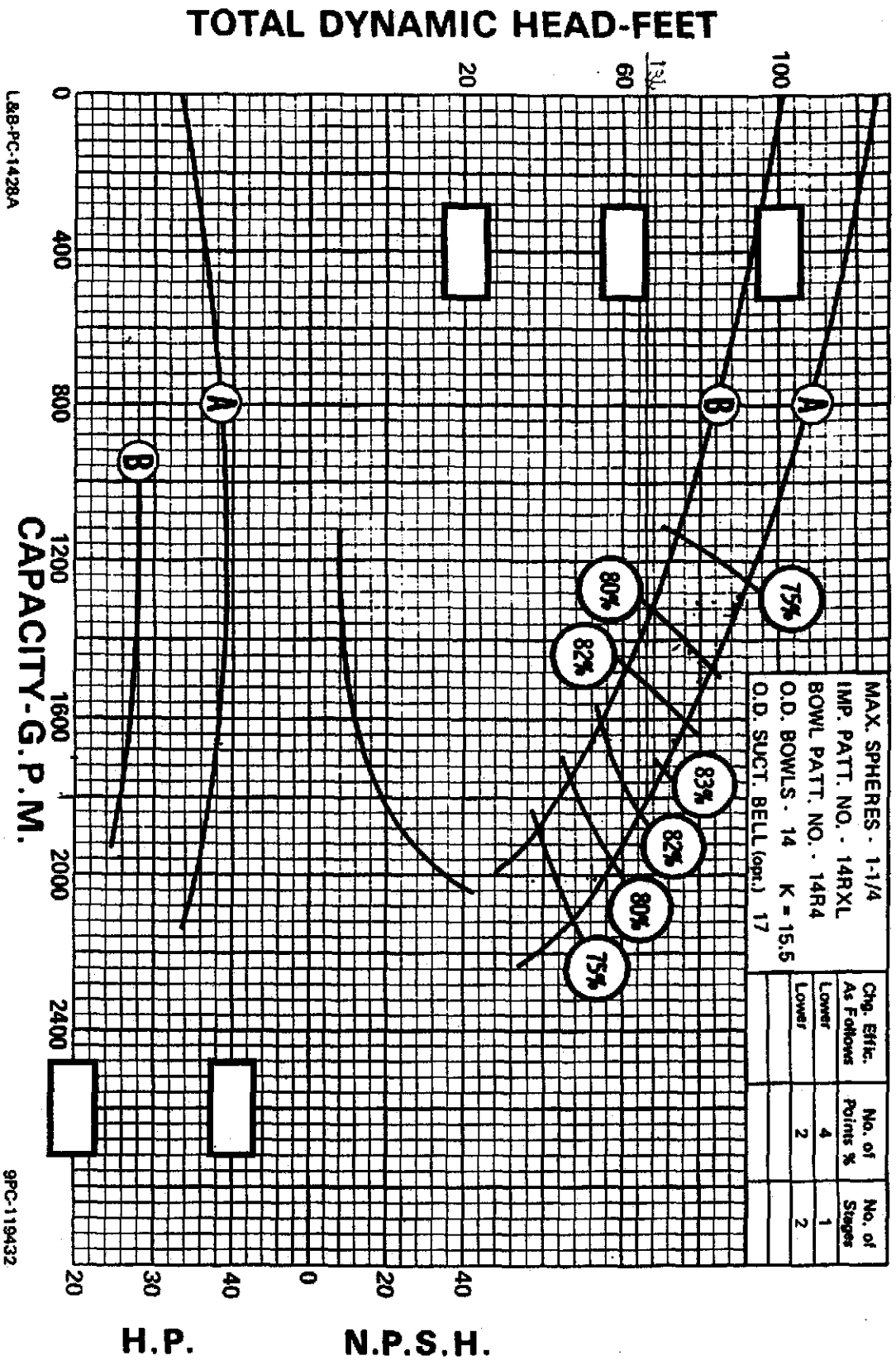
INVOICING ORDER TRANSMITTAL

SIGNED

D. A. 78

14RXL SERIES 1110 Verti-Line PUMP

SECTION 1110 PAGE 595
DATED DECEMBER 1981
SUPERSEDES PAGE 595
DATED FEBRUARY 1973



G. J. VERTI-LINE PUMPS, INC.
50 HIGHLAND AVE. E.
BOX 852
33901

NUMBER OF STAGES REQUIRED FOR APPLICATION.
STANDARD CURVE ILLUSTRATES SINGLE STAGE PERFORMANCE ONLY.

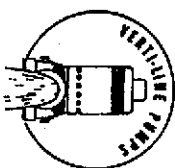
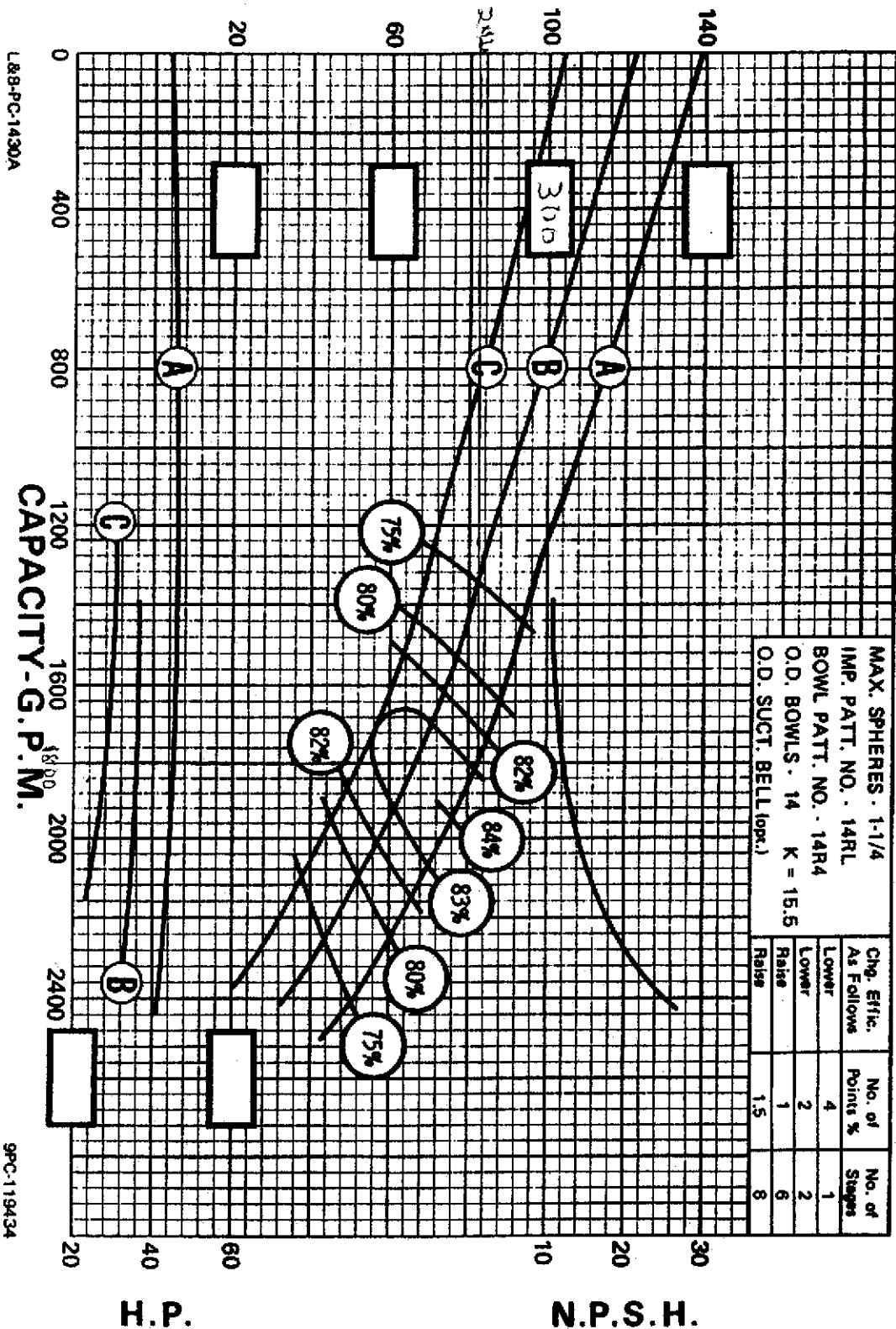


10' Pump
 3-Stage

14RL SERIES 1110 Verti-Line PUMP



TOTAL DYNAMIC HEAD-FEET



G. J. VERTI-LINE PUMPS, INC.
 1570 HIGHLAND AVE. E.
 P.O. BOX 892
 TWIN FALLS, ID 83301

(208)-733-4278

MICROFILMED
 MAY 15 1998

MEMORANDUM

DATE: February 9, 1998

TO: Water Right Files 41-07018 and 41-07032

FROM: Shelley W. Keen *SWK*

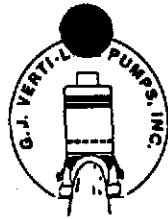
RE: Diversion rate recommendations

Last Friday (2/6/98) Roscoe and Scott Weston came by the office to talk about the diversion rates recommended for licenses 41-07108 and 41-07032. They believe that the licenses should be issued for a combined diversion rate greater than 14.55 cfs. According to the Westons, in the early 1980s they had a combined diversion rate of about 20 cfs. They say the measurements that form the basis for the 14.55 cfs recommendation were taken after they began to experiment with low pressure nozzles, etc. Roscoe Weston is going to have Gail Staley of G. J. Verti-Line Pumps, Inc., provide documentation to support the higher diversion rate.

Roscoe Weston's office phone number in Logan is 435-792-4867.

MICROFILMED

MAY 15 1998



G.J. VERTI-LINE PUMPS, INC.

1970 Highland Ave. East - P.O. Box 892
Twin Falls, Idaho 83303
Fax (208) 733-5009
Phone (208) 733-4278

02/06/98

To Whom It May Concern:

The following is a list of pumps located on the Roscoe Weston, Farm
South of Rockland, Idaho.

Pump A

300 HP Aurora Pump #376-86487

This pump was installed in May of 1976

Pump setting: 260 ft. of 12 x 3 x 1 15/16 column tube and shaft assembly

Pump design: 3900 GPM at 237 ft. pumping level

Pump B

300 HP Aurora Pump #377-71543

This pump was installed in April of 1977

Pump setting: 350 ft. of 12 x 3 x 1 15/16 column tube and shaft assembly

Pump design: 2500 GPM at 333 ft. pumping level

Pump C

200 HP Aurora Pump #3x1-70198

This pump was installed in June of 1981

Pump setting: 370 ft. of 10 x 2 1/2 x 1 11/16 column tube and shaft assembly

Pump design: 1800 GPM at 335 ft. pumping level

During the time the above pumps were installed, we were a Factory Branch of
Aurora Pumps, in Twin Falls, Idaho. Gail J. Staley was the branch manager.
Gail and his son Eric have since purchased this pump sales and service
facility in Twin Falls, Idaho, and go by the name of G. J. Verti-line Pumps, Inc..

Respectfully yours,

G. J. Verti-Line Pumps, Inc..

Gail J. Staley
President

MICROFILM

MAY 15 1998



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, P.O. BOX 83720, Boise, Idaho 83720-0098

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

January 30, 1998

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

H ROSCOE WESTON
4448 STATE HWY 37
ROCKLAND ID 83271

RE: WATER RIGHTS 41-07018 & 41-07032

Dear Permit Holder(s):

The Department of Water Resources is reviewing the permits referenced above prior to issuing water right licenses. By issuing licenses, the Department confirms that water rights have been established in compliance with the terms of the permits. The examiner who verified your water use reported that the point(s) of diversion and place(s) of use developed are in locations other than what was described on your permits. Therefore, before licenses can be issued, your permits must be amended to depict your water rights as they were actually developed.

The enclosed Application for Amendment forms depict the point(s) of diversion and place(s) of use and other information as it will appear on the licenses when they are issued. Please review the amendment forms carefully. If you concur with the information presented, please sign the forms and return them with the \$50.00 filing fee (each - \$100.00 total) within 14 days.

Also, please note that some of the proposed conditions of approval and 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,

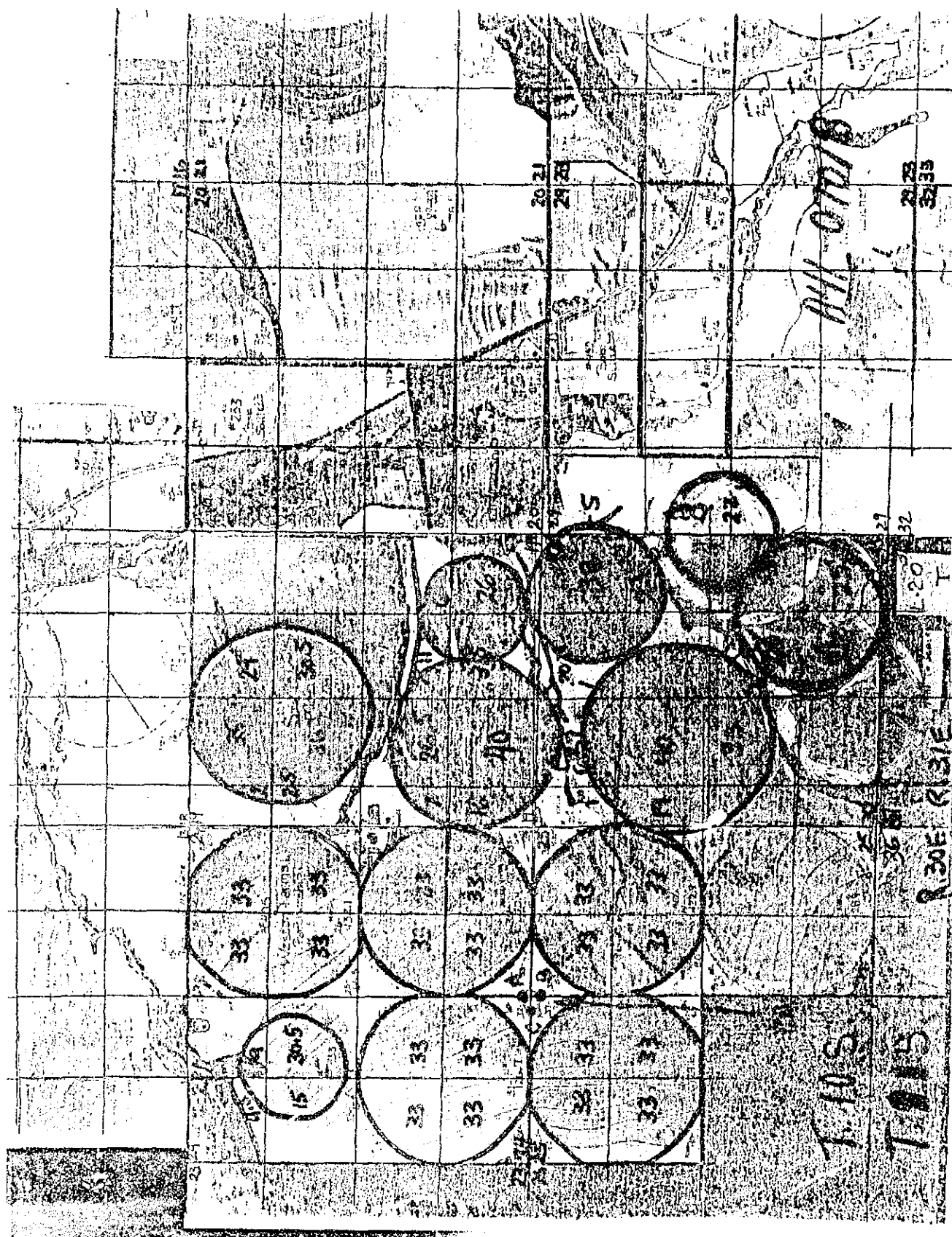
Shelley W. Keen
Water Rights Supervisor

SK:klt

Enclosure

MICROFILMED

MAY 15 1998



MAINLINE DELIVERY
SYSTEM

A41-07018

233

T10S

T91S

MAY 15 1998

MEMORANDUM

TO: Files 41-07018 and 41-07032

FROM: Sharla

DATE: January 7, 1998

RE: Recommendation Adjustment(s)

The final license recommendations for Permit Nos. 41-07018 and 41-07032 are based on the following:

41-07018:

H. RECOMMENDATIONS

Irrigation	4/1 - 10/31	14.55 cfs	5672.0 afa
------------	-------------	-----------	------------

41-07032:

H. RECOMMENDATIONS

Irrigation	4/1 - 10/31	8.80 cfs
------------	-------------	----------

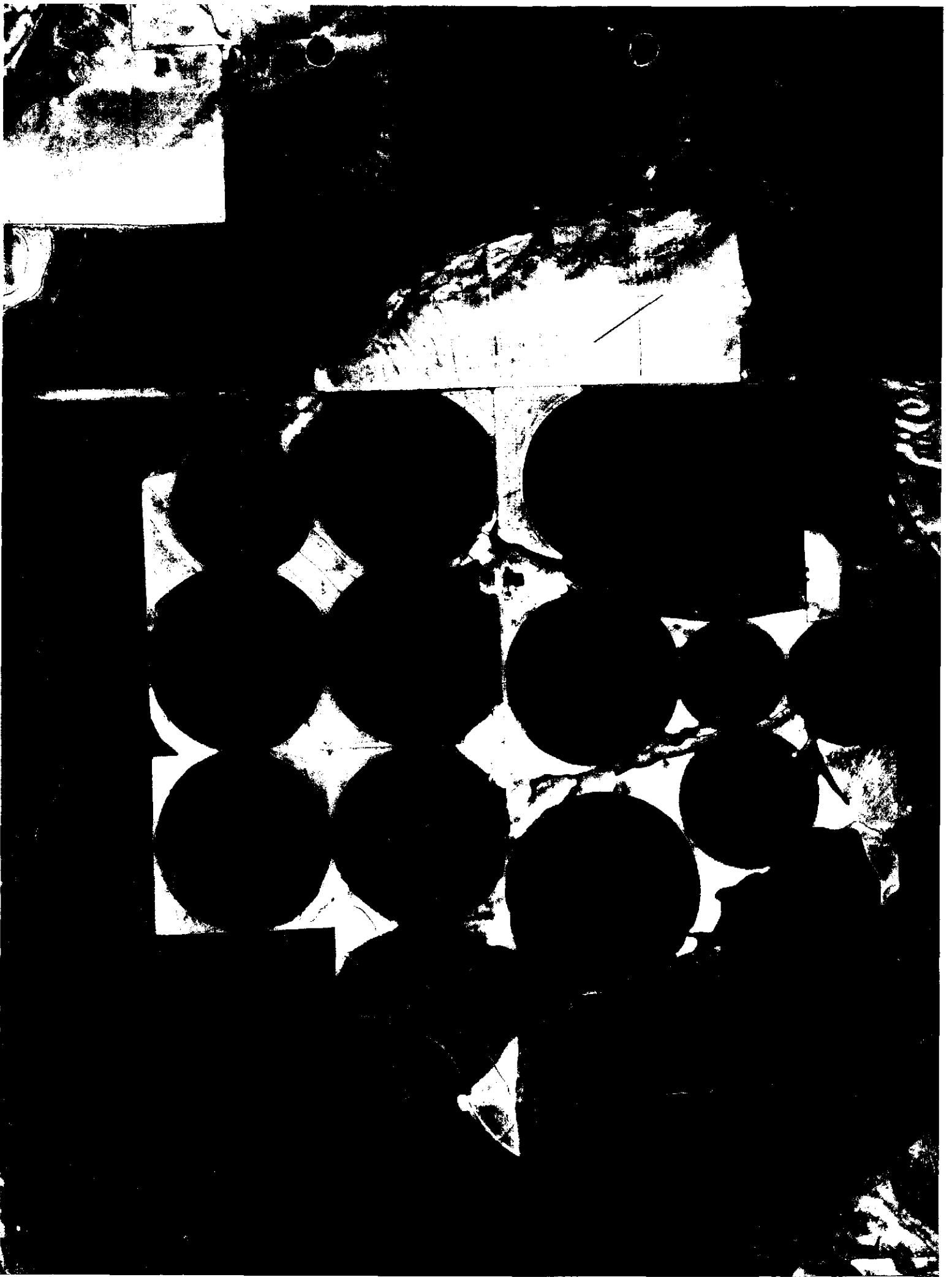
For rights with > 5.0 acres, the number of acres per $\frac{1}{4}$ is rounded to the nearest whole number; the rates and/or volume components have been modified accordingly. The standard irrigation season for this area is 4/1 - 10/31.

Jim Stanton confirmed no sw overlap - telecon 1/27

Examiner: Jim Stanton
Exam Date: October 23, 1990

MICROFILMED
MAY 15 1998

45019



RECEIVED

TO: Sharla Curtis

AUG 11 1997

DATE: August 8, 1997

FROM: Jim Stanton

Department of Water Resources

SUBJECT: Licensing of Permits 41-07018 & 7032, Roscoe Weston
Relinquishment of Permit 41-07024

As we discussed, the relinquishment of the last permit on this system is attached. The other 2 permits should be licensed according to my original exams, with one exception. The 77-acre pivot (the west pivot of the two on the north end of the farm) was never installed, nor was the land under it irrigated by other means. For whatever reason, my recommendation on that part of 41-07032 was incorrect. That pivot covers 7 acres in the NE/SW, 10 ac in Lot 3 (NW/SW), 14 ac in Lot 4 (SW/SW), 15 ac in SE/SW Sec. 18 T. 10S R. 31E, and 10 ac in NE/SE and 21 ac in SE/SE Sec. 13 T. 10S R. 30E as recommended in the 7032 exam. Those acres should be removed from the recommendation, with the flow rates and annual volume adjusted accordingly to 8.78 cfs and 1756 AFA. Although the pumping capacity of these wells was reduced when the boosters were removed a couple of years ago, Mr. Weston told me that he plans to reinstall the boosters and to put the two large pivots on the south end of the farm back into production. The two smaller pivots on the SE corner of the farm will go into CRP. So I think it would improper to reduce the proposed licenses based on my recent exam for 7024, as the reduced usage has been in place for less than 5 years. They owners claimed that their wells were designed to pump over 8000 gpm, but could not come up with any test data to show that this actually occurred.

With regard to annual volume, Mr. Weston told me that they run their wells a maximum of 60 days a season. At 14.55 cfs, this is 1731.6 AFA or 0.93 AFA/acre. The Rockland Valley can be successfully dry-farmed for grain in a good year, so these wells only supplement natural moisture. I recommended the standard 4.0 AFA, so I'm not sure which figure you want to use. We have always licensed for the standard volumes regardless of crops grown or actual historic volume usage, so it may be unfair to restrict the volumes now. This property is in the Aberdeen-American Falls Groundwater District, so they will be looking at his actual volume usage anyway. All of this farm is in grain, and is every year. The land between the pivots is also in grain, except for some large gullies that run thru the place.

The correct mailing address for Mr. Weston is 4448 Hwy 37, Rockland 83271.

Hope this sufficient to get these things licensed. Thanks.

MICROFILMED

MAY 15 1998

no rounded acres
volume/acre
season

MEMORANDUM

Date: June 16, 1995
From: Jim Johnson
To: Files 41-07018, 41-7032, and 41-0705²⁴₃
Subject: Defer licensing

=====

In follow up to a call from the permit holder all activity toward processing the licenses for 41-07018 and 41-7032 should be ²⁴deferred until an examination is completed on permit 41-0705₃. The three rights are used together in a common system a complete analysis cannot be done with having exams on all three rights. Proof of beneficial use has been received on permit 41-0705₃ and a field exam should be completed during the summer of 1995.²⁴

MICROFILMED

MAY 15 1998



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

August 23, 1994

H ROSCOE WESTON
4448 STATE HWY 37
ROCKLAND ID 83271

RE: WATER RIGHT NO. 41-07018

Dear Water Right Holder(s):

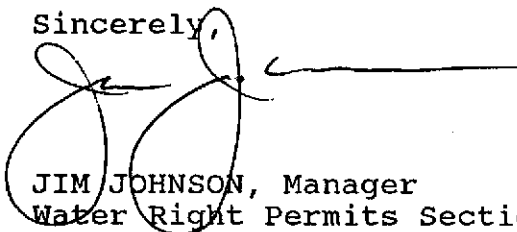
The above referenced water right is in the process of being licensed. However, before a license can be issued, your permit must be amended to correspond with the findings of the Department's field examiner.

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 point(s) of diversion and 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 have any questions with this information, please contact me as soon as possible. My telephone number is (208) 327-7947.

Sincerely,



JIM JOHNSON, Manager
Water Right Permits Section

JJ:dc

Enclosure

MICROFILMED

MAY 15 1998

RECEIVED

JAN 24 1994

Form 219
6/86

Department of Water Resources

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

BENEFICIAL USE FIELD REPORT

JAN 20 1994
Department of Water Resources
Southern Region Office

A. GENERAL INFORMATION

Permit No. 41-70181. Owner: H. Roscoe WestonPhone No. 548-2283Current Address: Weston Wheat Farm, 4440 Hwy. 37, Rockland, ID 832712. Accompanied by: Mr. WestonEXAM. DATE: 10-23-90

Address: _____

Phone No. _____

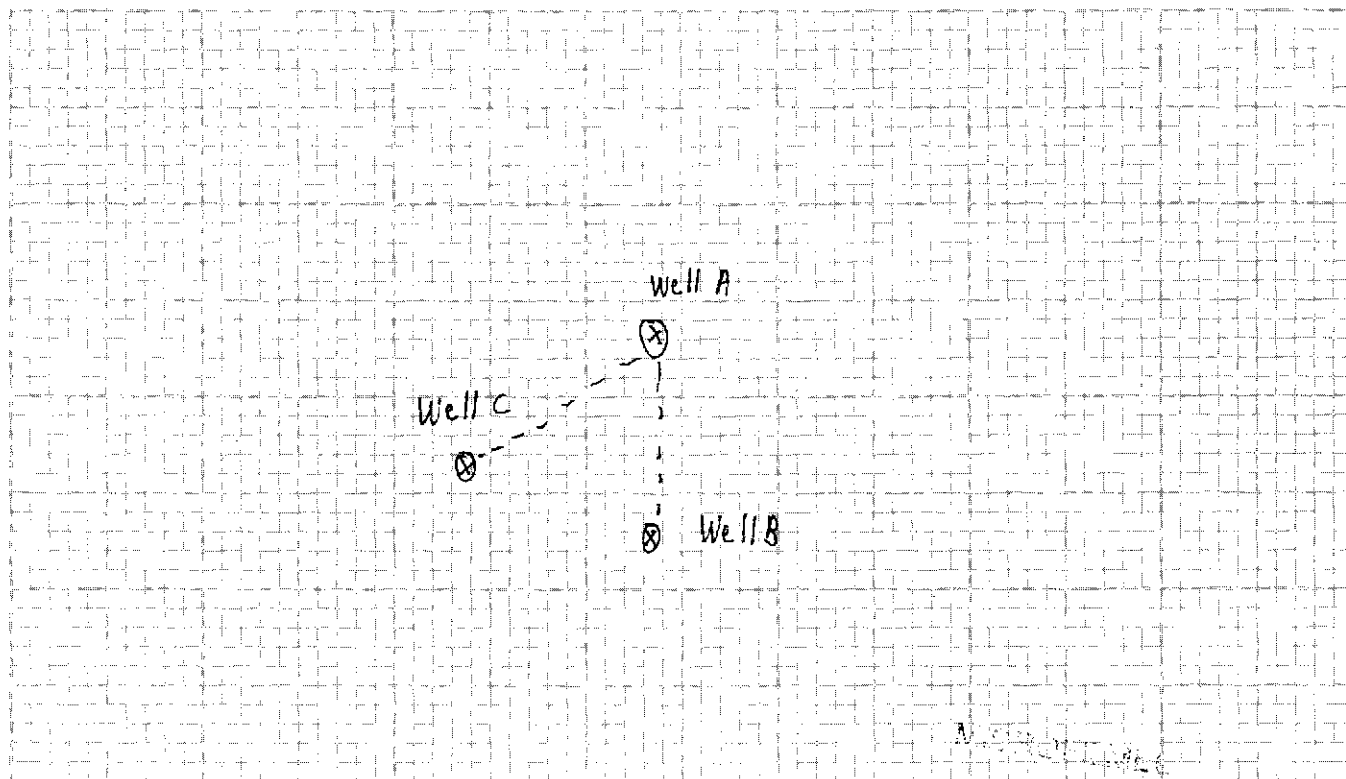
Relationship to Permit Holder: _____

3. Source: Groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: 41-7024 (pending extension of time)☐ Copies Attached2. Other water rights with same point of diversion: 41-7032, 41-7024☐ Copies Attached☒ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

1. Diversion System Diagram: Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable. ☐ Alternative diagram attached

Scale: 1" = _____

MAY 15 1993

2. ☒ Copy of U.S.G.S. 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 or more).☒ Photo of Diversion and System Attached
(required for all but single household domestic groundwater, and stockwater).

Exam date shown is the 1st of several visits to this system.

☐ See Remarks on page 4 for continuation

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size

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

5. Point(s) of Diversion:

Ident. No.	Gov't. Lot	¼	¼	¼	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
A			SW	SE	24	10S	30E	Powell	
B			NW	NE	25	"	"	"	
C			NE	NW	"	"	"	"	

6. Place(s) of Use:

[illegible]

Do not use this space

54161

Do not use this space

D. FLOW MEASUREMENTS

☒ Additional Data Sheets Attached

1.

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

2. Measurements:

Measured 14.55 cfs

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

1. Measured Method:

2. Alternate Method for Checking Purposes:

F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: _____ psi x 2.31 = _____ ft (1); Dynamic pumping level: _____ ft (2)

Total Head: (1) + (2) = _____ (3) ; Flow rate: _____ cfs (4)

Water HP: (3) x (4) ÷ 8.8 = _____ (5)

Meter Input KW: 3.6 x _____ KH x _____ CTR or _____ MULT x _____ PTR x _____ N/ _____ T = _____ (6)

Meter Input HP: (6) x 1.34 = _____ (7)

Panel Input KW: _____ Ave PF x _____ Ave Volts x _____ Ave Amps x .001732 = _____ (6)

Panel Input HP: (6) x 1.34 = _____ (7) Efficiency: (5)/(7) x 100 = _____ %

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 1414.5 \times 3.5 = 4950.8$

$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 1455 \times 245 \times 1.9835 = 7070.7$

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 4950.8$

2. Volume Calculations for Other Uses:

* See attached explanation memo. BC

MAY 15 1953

H. REMARKS AND OVERLAP REVIEW ANALYSIS

Land between the pivots is dry farmed, resulting in a lot of acreage that can be moved onto lands now under other Weston permits. Due to the location of the pivots, it is impossible to license only the lands under 41-7018 without having different parts of the same pivot covered by different water rights, which obviously makes no sense. So I am recommending that some lands originally covered by Permits 41-7024 & 41-7033 be licensed under 41-7018.

Had a lot of trouble getting reasonable flow measurements with dunnbar - used Idaho Power Co. readings on Wells A & C.

Wells supplement natural rainfall in the area.

Fees due - 14.55 cfs on this permit = \$450. Due on 41-7033 (10.32 cfs) = \$350. Total = \$800. Fees paid - \$335, on this permit + \$600, on 41-7033 = \$935. Recommend 41-7018 be licensed for system capacity (not 10 cfs as shown on Proof). Total fees paid on system exceed total fees due.

RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use From To	Rate of Diversion Q (cfs)	Annual Volume V (ata)
Irrigation	3-15	14.55	4850.8
	11-15		

2. Recommended Amendments

☒ Change P.D. as reflected above

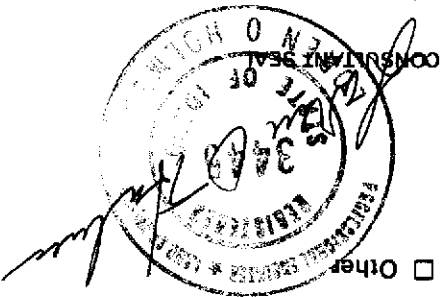
☒ Change P.U. as reflected above

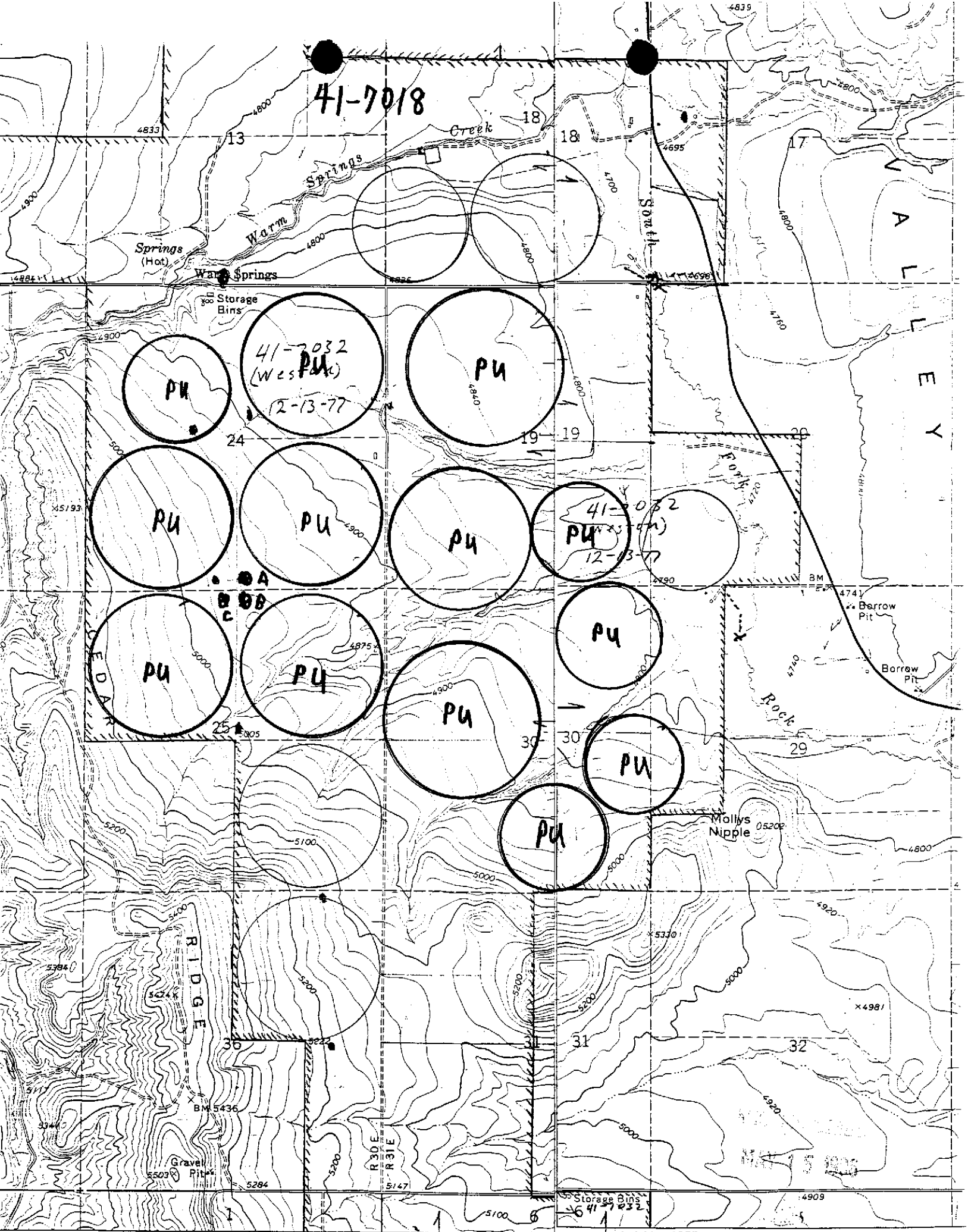
J. AUTHENTICATION

Field Examiner's Name	Signature	Certification Date	Field Report Preparation Date
-----------------------	-----------	--------------------	-------------------------------

K. Licensing recommendation shall be prepared by an Idaho Department of Water Resources employee on a computer printout attached hereto.

* See Adjustment memo. BC





State of Idaho
DEPARTMENT OF WATER RESOURCES
SUPPLEMENTAL FIELD REPORT FOR ANNUBAR MEASUREMENT

Measured by: JS

Date 10-23-90

Owner: Weston

Permit No. 41-7018

Description of well &/or measuring site

- Include any clarifications of the sketch
- Include legal description if more than one p.d. is described in the Field Report

Well B, 7 psi & 365' head (on well gauge)

MEASURED INSIDE PIPE DIAMETER IN INCHES (ID)

CIR = Pipe Circumference in Inches = ~~40 3/16~~ 38.0"

T = Pipe Thickness in Inches = 1/4"

ID = $2 [(0.1592 \times \text{CIR}) - T] =$ 11.6

ANNUBAR DESCRIPTION & CONSTANT (C)

Size Used in Test 12"

State ID No. _____

Select C based on size from Table below.

Nominal Pipe Size	C
4"	4.23
6"	3.75
8"	3.87
10"	3.94
12"	3.99
14"- 16"	4.01
18"- 24"	4.02
30" or larger	4.03

C selected 3.99

DIFFERENTIAL PRESSURE READING IN INCHES OF H₂O (H)

High Reading = 22.7

Low Reading = 8.5

High - Low = H = ... 14.2

CALCULATION OF DISCHARGE IN CFS (Q)

$$Q = \frac{(ID)^2 \cdot (\sqrt{H}) \cdot (C)}{448.8}$$

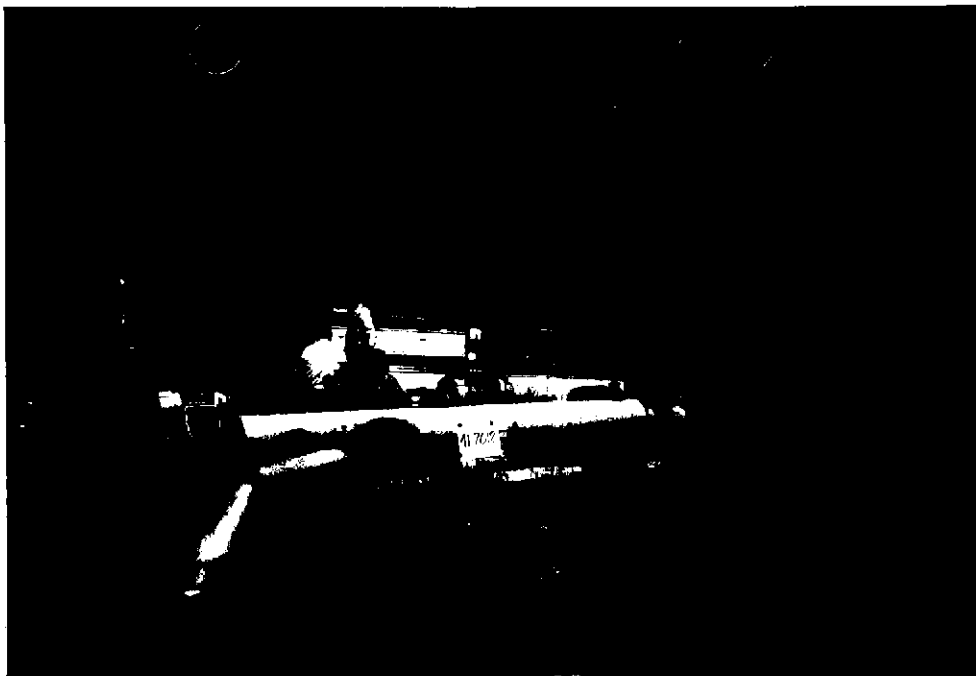
2023 gpm

$$Q = \frac{(11.6)^2 \cdot (\sqrt{14.2}) \cdot (3.99)}{448.8} = \underline{4.51} \text{ cfs}$$

SKETCH (If not shown on Field Report)

APPROVED
MAY 15 1991

"A" well



Point of Diversion



"A" well

Point of measurement (post placement, booster pulled vacuum)
 New port was installed on the tar wrapped pipe
 near the front end of the truck in the first photo

MAY 1 5 1981

"B" well



Point of Diversion



"B" well

Method of Measurement

"C" well



Point of Diversion

and photo show placement of the
access port



A →

Location relationship
between wells
A, B, and C
← C



Looking N.E. of well "A" toward place of use



Looking South of well "B" toward
place of use

1957 1 15 1958

FROM *Sharla*

DATE

TO *Files*SUBJECT *Address Change*

Per telecon on this date, Roscoe Weston's address is:

*4448 Hwy. 37
Rockland, ID
83271*

SIGNATURE

MAY 15 1998



State of Idaho
DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720 - (208) 334-7900

ENERGY RESOURCES BUREAU

CECIL D. ANDRUS
GOVERNOR
R. KEITH HIGGINSON
DIRECTOR

September 9, 1988

Mr. Scott Weston
Weston Wheat Farm
4440 Highway 37
Rockland, ID 83271

Dear Mr. Weston:

Enclosed are the results of the pump tests completed last summer we discussed on the phone. Feel free to contact me if you have any questions concerning the test results or loan program.

Enjoyed visiting with you.

Sincerely,

John Westra
Water Resources
Engineering Specialist

JW/st

Enclosure

MICROFILMED
MAY 15 1998

TEST SUMMARY

WESTON WHEAT FARM
4440 HIWAY 37
ROCKLAND, ID

TEST DATE 6-15-88

SUMMARY:

SYSTEM: 17 PIVOTS

PUMPING PLANT: "A"

PUMP: 300 HP VERTILINE DEEP WELL TURBINE /W
150 HP AURORA CENTRIFUGAL BOOSTER

PUMPING WATER LEVEL: 300 FT EST.

FLOW: 2580 GPM

4000

5.74 hp

3900

DISCHARGE PRESSURE: 55 PSI

OUTPUT HORSEPOWER: 279.6 HP

INPUT HORSEPOWER: 456.3 HP

PUMP PLANT EFFICIENCY: 61.3% RATED FAIR

PUMP PLANT: "C"

PUMP: 200 HP VERTILINE DEEP WELL TURBINE
150 HP AURORA CENTRIFUGAL BOOSTER

PUMPING WATER LEVEL: 300 FT EST.

4 29

FLOW: 1927 GPM

4800

1600

DISCHARGE PRESSURE: 50 PSI

OUTPUT HORSEPOWER: 202.9 HP

APPROVED

MAY 15 1988

INPUT HORSEPOWER: 365.6 HP

TOTAL SYSTEM EFFICIENCY: 55.5% RATED LOW

OBSERVATIONS:

THE PLANT "A" EARNED A FAIR RATING, WHILE PUMP "C" EARNED A LOW RATING. AS THE MAINLINE HAD NUMEROUS LEAKS, THE ENTIRE SYSTEM WOULD NOT PRESSURIZE. THIS EFFECTS THE SYSTEM MATCH AND PUMP PERFORMANCE. THE LARGE LEAK ON PIVOT #1 COULD EASILY HAVE CAUSED THE LOW EFFICIENCY ON "C". BEFORE ANY ACTIONS ON THE PUMPING PLANTS ARE TAKEN, IT WOULD BE RECOMMENDED TO RECHECK THE PUMPS, AFTER MAINLINE CONDITIONS ARE CORRECTED. A TRUE PUMP PERFORMANCE COULD THEN BE EVALUATED WITH A RETEST.

WELL "C" DATA

G&J VERTILINE PUMP CO, TWIN FALLS

WATER LEVEL: 260 ft.(STANDING)

PUMP SETTING: 370 ft

EST. PUMPING WATER LEVEL: 300 ft

WELL DEPTH: 731 ft.

RECEIVED
MAY 15 1968

PUMP TEST AND SYSTEM INSPECTION
Bonneville Power Administration

Page 1

Name.....:WESTON WHEAT FARM
Address.....:[4440 HIWAY 37
City,State,ZIP.:ROCKLAND
Utility.....:IDAHO POWER
Account #.....:
Inspector(s)....:WESTRA

Inspection #....: 1
Inspection Date:6-15-88
Area Office.....:
Irrig Acres...:[970 +
Crop Type(s)....:GRAINS

NOTE!! This form is intended to determine which conservation retrofit measures are eligible under Bonneville Power Administration's cost share program. It does not provide accurate system redesign information. Growers retrofitting systems are responsible for obtaining and using system redesign data from their irrigation dealers.

SYSTEM LAYOUT AS TESTED:

SEE ATTACHED MAP

RECEIVED

MAY 15 1988

Bonneville Power Administration
INITIAL PUMP TEST FORM

Page 2A

Inspection #....: "A"

A. # of Pumps in System 2

Pump # 1

MAIN X

BOOSTER

SERIES

PARALLEL

B. MOTOR DATA

1. Make.....:GE
2. Frame #.....:
3. Rated HP....: 300
4. Rated Volts: 460
5. Rated Amps.: 175
6. RPM.....: 1770
7. Meter #.....:

D. POWER INPUT DATA

1. Disc Revolutions....:
2. Meter Constant Kh...:
3. CTR.....:
4. PTR/Multiplier.....:
5. Time.....: sec

C. PUMP DATA

1. Make.....:VERTILINE
 - a Centrifugal:
 - b Turbine-Sub:DEEP WELL
2. Model #.....:[14RH
3. Serial #.....:376-703
4. Rated Head.: ft.
5. Rated Flow.: gpm
6. Implr Dia...: in.
7. Int/Clm Dia: in.
8. Int/Clm Len: ft.
9. # of Stages: 5
10. Shaft Dia...: in.
11. Airline Len: ft.
12. Airline psi: psi
13. Calc Lift...: 0.0 ft.

MAIN

BOOSTER X

SERIES

PARALLEL

B. MOTOR DATA

1. Make.....:GE
2. Frame #.....:
3. Rated HP....: 150
4. Rated Volts: 460
5. Rated Amps.: 175
6. RPM.....: 1775
7. Meter #.....:

D. POWER INPUT DATA

1. Disc Revolutions....:
2. Meter Constant Kh...:
3. CTR.....:
4. PTR/Multiplier.....:
5. Time.....: sec

C. PUMP DATA

1. Make.....:AURORA
 - a Centrifugal:BOOSTER
 - b Turbine-Sub:
2. Model #.....:[411BF
3. Serial #.....:75-8029
4. Rated Head.: ft.
5. Rated Flow.: gpm
6. Implr Dia...:[6X18 in.
7. Int/Clm Dia: in.
8. Int/Clm Len: ft.
9. # of Stages:
10. Shaft Dia...: in.
11. Airline Len: ft.
12. Airline psi: psi
13. Calc Lift...: 0.0 ft.

APPROVED

MAY 15 1976

PUMP TEST SUMMARY

OWNER OF PUMP: WETON WHEAT FARM
PUMPING UNIT: #A MAIN /W
MAIN AND BOOSTER

TOTAL DYNAMIC HEAD:

- A) PUMPING WATER LEVEL 300.00 FT (WATER LEVEL TO CL OF DISCHARGE PIPE)
- B) HEIGHT OF PRESSURE GAUGE 2.00 FT (DISCHARGE PIPE TO GAUGE)
- C) FRICTION LOSS 0.00 FT (INTAKE TO GAUGE)
- D) DISCHARGE PRESSURE 127.00 FT

TOTAL DYNAMIC HEAD (A+B+C+D) = 429.00 FT

FLOW MEASUREMENT:

- A) COLLINS METER 2580.88 GPM
- B) ANNUBAR AND EAGLE EYE METER 0.00 GPM

INPUT HORSEPOWER:

KW = 5. REV X 4.80 KH X 80.00 CTR X 1.00 PTR X 3.6 / 20.30 SEC = 340.

HP = 456.26

OUTPUT HORSEPOWER :

HP = 2580.88 GPM X 429.00 TDH / 3960 = 279.60

PLANT EFFICIENCY:

EFF = OUTPUT HP / INPUT HP X 100 = 61.28%

MAY 15 1988

POTENTIAL ENERGY SAVINGS
OWNER OF PUMP: WETON WHEAT FARM
MAIN AND BOOSTER

ENERGY DATA
(450-HP #A MAIN /W)

PRESENT PUMPING PLANT EFF. (%)	61.3
ASSUMED ELEC. MOTOR EFF. (%)	92.0
CALCULATED EFF. OF PUMP (%)	66.6
ASSUMED EFF. OF IMPROVED PUMP (%)	80.0
ASSUMED ATTAINABLE PLANT EFF. (%)	73.6
POWER INPUT (KW):	
@ PRESENT EFFICIENCY	340.5 (456.4 HP)
@ IMPROVED EFFICIENCY	283.4 (379.9 HP)
ASSUMED PUMP OPERATION (HR/YR)	2000.

ESTIMATED ENERGY SAVINGS:

POTENTIAL ENERGY SAVINGS (KWH/YR) -----114196.

POTENTIAL COST SAVINGS (\$/YR) ----- 3426.
(@ 3.0 CENTS/KWH)

ENERGY SAVINGS BASED ON INSTALLATION OF NEW BOWLS DESIGNED
TO DELIVER THE TESTED FLOW AND PRESSURE AT 80.0 % PUMP EFFICIENCY

MAY 15 1968

SUMMARY OF ENERGY SAVINGS

OWNER OF PUMP(S): WETON WHEAT FARM

CONDITION/ PUMP UNIT #	PRESENT PUMP PLT EFF. (%)	ASSUMED POTENTIAL PLT EFF (%)	POWER INPUT		KWH SAVINGS
			@ PRESENT EFF	@ NEW EFF	

NO. 1 #A MAIN /W	61.3	73.6	340.5	283.4	114196.
---------------------	------	------	-------	-------	---------

TOTAL KWH SAVED ----- 114196. KWH/YR

TOTAL COST SAVINGS @ \$ 0.030/KWH ----- \$ 3426./YR

SUMMARY OF PUMPING PLANT EFF. TEST OWNER OF PUMP(S): WETON WHEAT FARM

PUMPING UNIT	RATED HP	RATED Q (GPM)	OPERATING STATUS	Q (GPM)	DIS.PRESS (PSI)	TDH (FT)	WHP (HP)	IHP (HP)	EF (%)
#A MAIN /W450		2600	MAIN/BOOST	2580.9	55.0	429.0	279.6	456.4	61.

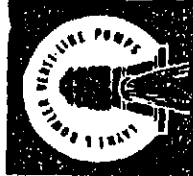
MAY 15 1988



Verli-Line PUMP

14 RH

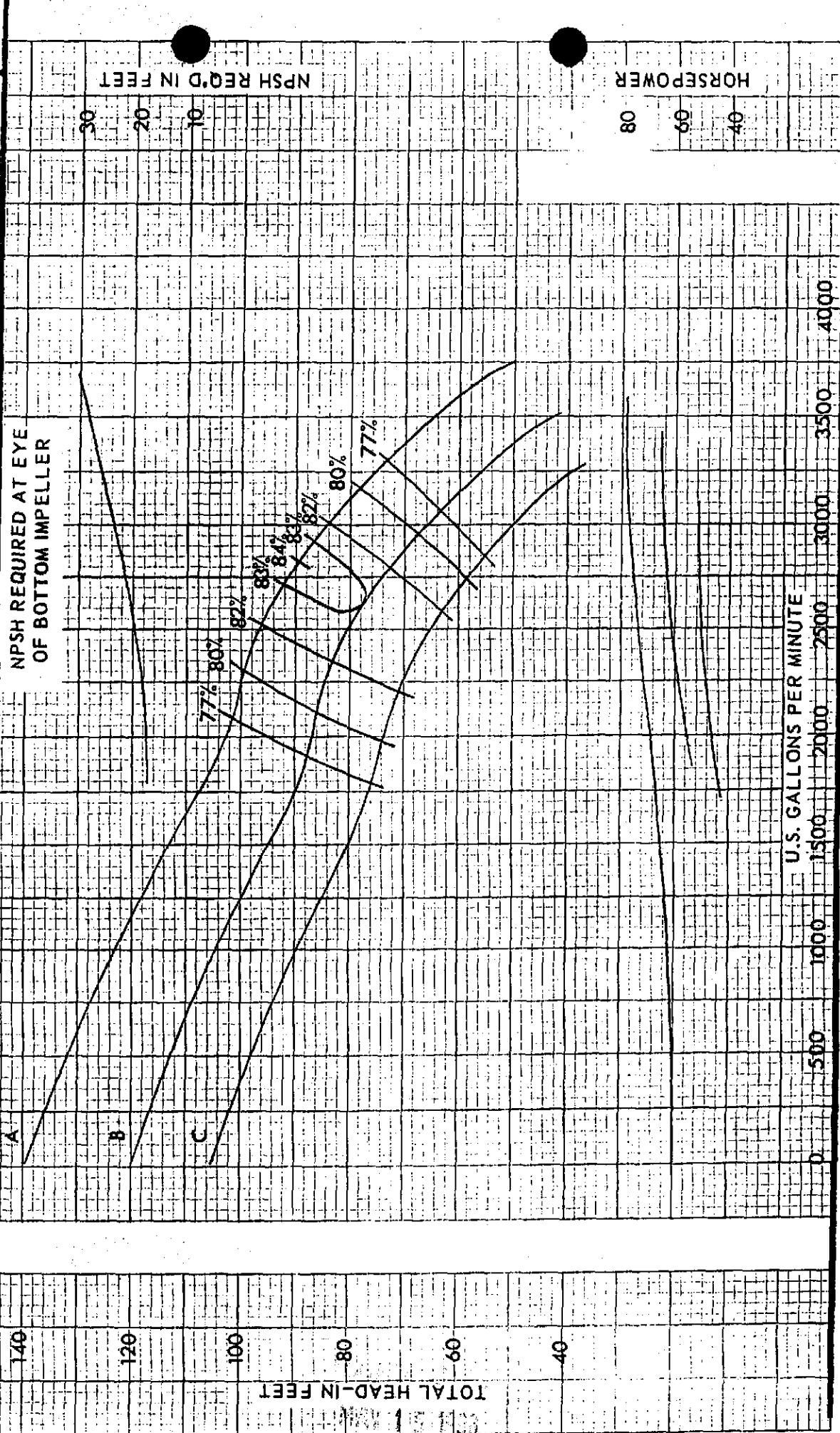
1770 RPM



SECTION	40
PAGE	980
DATE	9-1-65
CURVE	
NO.	1434A

ONE
STAGE

()
STAGE



CUSTOMER _____

ADDRESS _____

JOB _____

LAYNE & BOWLER PUMP CO.

CITY OF INDUSTRY, CALIFORNIA - LOS ANGELES AREA



Verti-Line PUMP

14 RM

1770 RPM

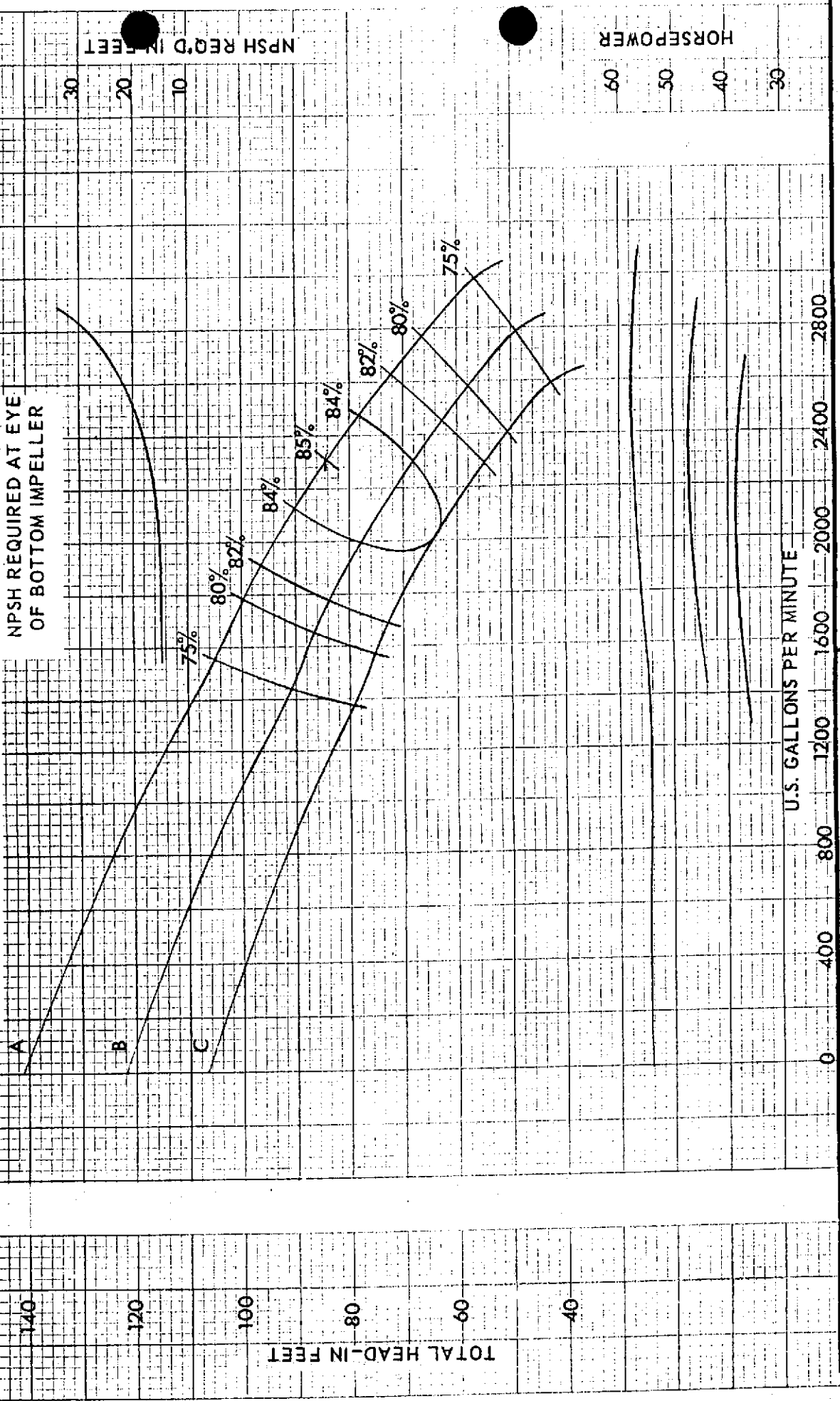


SECTION	40
PAGE	979
DATE	2-24-61
CURVE	NO. 1432

ONE
STAGE

()
STAGE

NPSH REQUIRED AT EYE
OF BOTTOM IMPELLER



NPSH REQ'D IN FEET

HORSEPOWER

U.S. GALLONS PER MINUTE

CUSTOMER
ADDRESS
INR

LAYNE & BOWLER PUMP CO.

CITY OF INDUSTRY, CALIFORNIA - LOS ANGELES AREA

Bonneville Power Administration
INITIAL PUMP TEST FORM

Page 211

Inspection #.... "C"

A. # of Pumps in System 2

Pump # 1

MAIN X

BOOSTER

SERIES

PARALLEL

B. MOTOR DATA

1. Make.....:GE
2. Frame #.....:
3. Rated HP....: 200
4. Rated Volts.: 460
5. Rated Amps.: 230
6. RPM.....: 1770
7. Meter #.....:

D. POWER INPUT DATA

1. Disc Revolutions....:
2. Meter Constant Kh...:
3. CTR.....:
4. PTR/Multiplier.....:
5. Time.....: sec

C. PUMP DATA

1. Make.....:VERTILINE
- a Centrifugal:
- b Turbine-Sub:DEEP WELL
2. Model #.....:[14RL XL
3. Serial #.....:[3X170198
4. Rated Head.: ft.
5. Rated Flow.: gpm
6. Implr Dia...: in.
7. Int/C1m Dia: in.
8. Int/C1m Len: ft.
9. # of Stages:
10. Shaft Dia...: in.
11. Airline Len: ft.
12. Airline psi: psi
13. Calc Lift...: 0.0 ft.

MAIN

BOOSTER X

SERIES

PARALLEL

B. MOTOR DATA

1. Make.....:GE
2. Frame #.....:
3. Rated HP....: 150
4. Rated Volts.: 460
5. Rated Amps.: 175
6. RPM.....: 1775
7. Meter #.....:

D. POWER INPUT DATA

1. Disc Revolutions....:
2. Meter Constant Kh...:
3. CTR.....:
4. PTR/Multiplier.....:
5. Time.....: sec

kW Metered= 0.0 kWe

C. PUMP DATA

1. Make.....:AURORA
- a Centrifugal:BOOSTER
- b Turbine-Sub:
2. Model #.....:[411BF
3. Serial #.....:S016241
4. Rated Head.: ft.
5. Rated Flow.: gpm
6. Implr Dia...:[6X9X18in.
7. Int/C1m Dia: in.
8. Int/C1m Len: ft.
9. # of Stages:
10. Shaft Dia...: in.
11. Airline Len: ft.
12. Airline psi: psi
13. Calc Lift...: 0.0 ft.

11 13 32

PUMP TEST SUMMARY

OWNER OF PUMP: WESTON WHEAT FARM
PUMPING UNIT: #C
MAIN/BOOST

TOTAL DYNAMIC HEAD:

- A) PUMPING WATER LEVEL 300.00 FT (WATER LEVEL TO CL OF DISCHARGE PIPE)
- B) HEIGHT OF PRESSURE GAUGE 2.00 FT (DISCHARGE PIPE TO GAUGE)
- C) FRICTION LOSS 0.00 FT (INTAKE TO GAUGE)
- D) DISCHARGE PRESSURE 115.00 FT

TOTAL DYNAMIC HEAD (A+B+C+D) = 417.00 FT

FLOW MEASUREMENT:

- A) COLLINS METER 1927.19 GPM
- B) ANNUBAR AND EAGLE EYE METER 0.00 GPM

INPUT HORSEPOWER:

KW = 3. REV X 4.80 KH X 80.00 CTR X 1.00 PTR X 3.6 / 15.20 SEC = 272.
HP = 365.61

OUTPUT HORSEPOWER :

HP = 1927.19 GPM X 417.00 TDH / 3960 = 202.94

PLANT EFFICIENCY:

EFF = OUTPUT HP / INPUT HP X 100 = 55.51%

POTENTIAL ENERGY SAVINGS
OWNER OF PUMP: WESTON WHEAT FARM
MAIN/BOOST

ENERGY DATA
(350-HP #C)

PRESENT PUMPING PLANT EFF. (%)	55.5
ASSUMED ELEC. MOTOR EFF. (%)	92.0
CALCULATED EFF. OF PUMP (%)	60.3
ASSUMED EFF. OF IMPROVED PUMP (%)	80.0
ASSUMED ATTAINABLE PLANT EFF. (%)	73.6
POWER INPUT (KW):	
@ PRESENT EFFICIENCY	272.8 (365.7 HP)
@ IMPROVED EFFICIENCY	205.7 (275.7 HP)
ASSUMED PUMP OPERATION (HR/YR)	2000.

ESTIMATED ENERGY SAVINGS:

POTENTIAL ENERGY SAVINGS (KWH/YR) -----134291.

POTENTIAL COST SAVINGS (\$/YR) ----- 4029.
(@ 3.0 CENTS/KWH)

ENERGY SAVINGS BASED ON INSTALLATION OF NEW BOWLS DESIGNED
TO DELIVER THE TESTED FLOW AND PRESSURE AT 80.0 % PUMP EFFICIENCY

MAY 13 1981

SUMMARY OF ENERGY SAVINGS

OWNER OF PUMP(S): WESTON WHEAT FARM

CONDITION/ PUMP UNIT #	PRESENT PUMP PLT EFF. (%)	ASSUMED POTENTIAL PLT EFF (%)	POWER INPUT		KWH SAVINGS
			@ PRESENT EFF	@ NEW EFF	

NO. 1 #C	55.5	73.6	272.8	205.7	134291.
-------------	------	------	-------	-------	---------

TOTAL KWH SAVED ----- 134291. KWH/YR

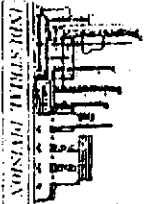
TOTAL COST SAVINGS @ \$ 0.030/KWH ----- \$ 4029./YR

SUMMARY OF PUMPING PLANT EFF. TEST OWNER OF PUMP(S): WESTON WHEAT FARM

PUMPING UNIT	RATED HP	RATED Q (GPM)	OPERATING STATUS	Q (GPM)	DIS.PRESS (PSI)	TDH (FT)	WHP (HP)	IHP (HP)	EF (%)
#C	350	2100	MAIN/BOOST	1927.2	49.8	417.0	202.9	365.7	55.

ONE
STAGE

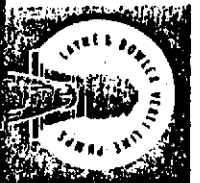
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STAGE



Verti-Line PUMP

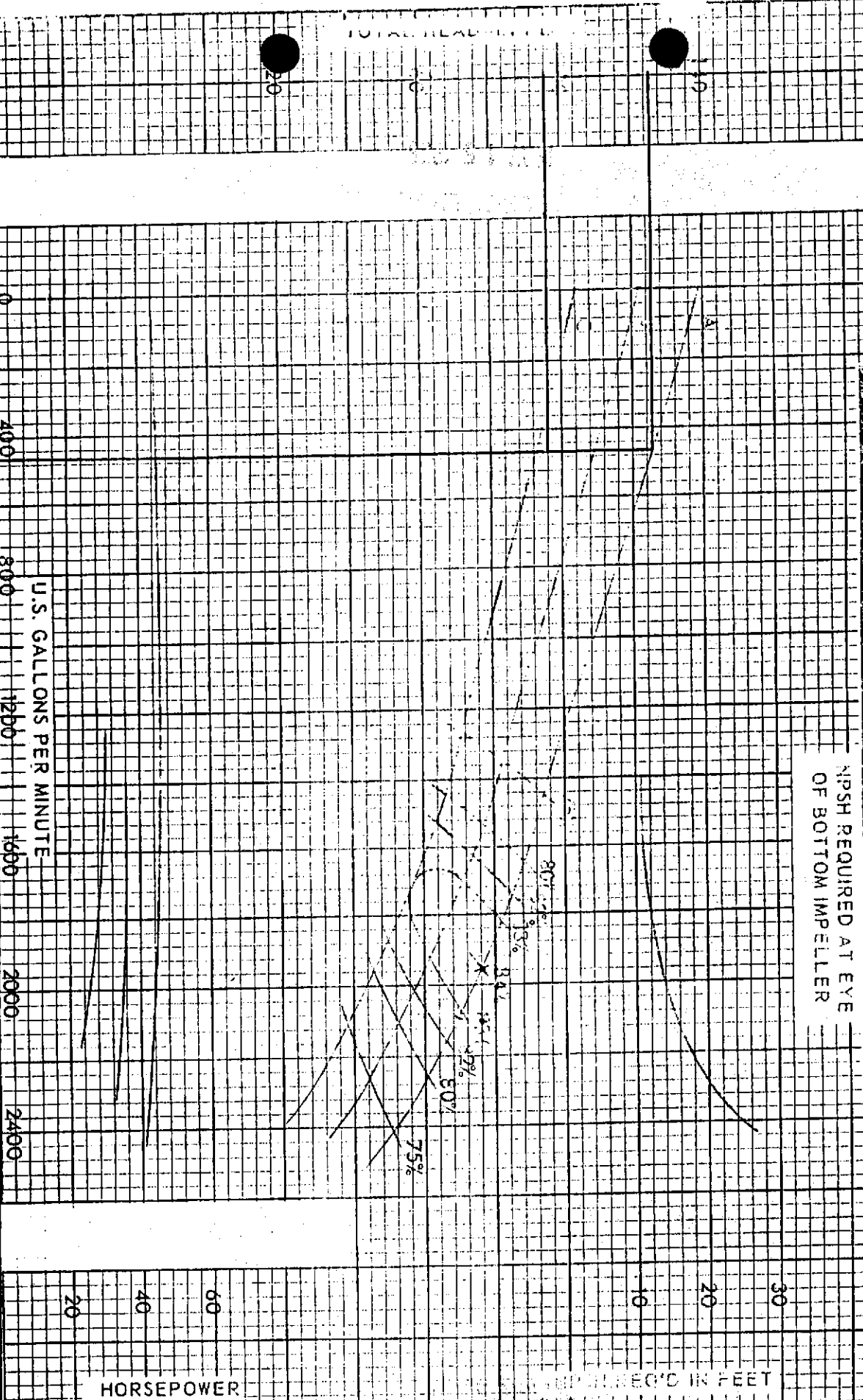
14RL

1770 RPM



SECTION	40
PAGE	978
DATE	2-24-65
CURVE NO.	1430A

NPSH REQUIRED AT EYE
OF BOTTOM IMPELLER



U.S. GALLONS PER MINUTE

HORSEPOWER

FEET

MAY 15 1965

CUSTOMER
ADDRESS
JOB

LAYNE & BOWLER PUMP CO.

CITY OF INDUSTRY, CALIFORNIA - LOS ANGELES AREA



Verti-Line PUMP

14 RXL

1770 RPM

SECTION	40
PAGE	977
DATE	2-24-65
CURVE	
NO.	1428A

()
STAGE

ONE
STAGE

NPSH REQUIRED AT EYE
OF BOTTOM IMPELLER

NPSH REQ'D IN FEET

TOTAL HEAD-IN FEET

HORSEPOWER

U.S. GALLONS PER MINUTE

CUSTOMER

LAYNE & BOWLER PUMP CO.

40

20

0

40

30

20

2400

2000

1600

1200

800

400

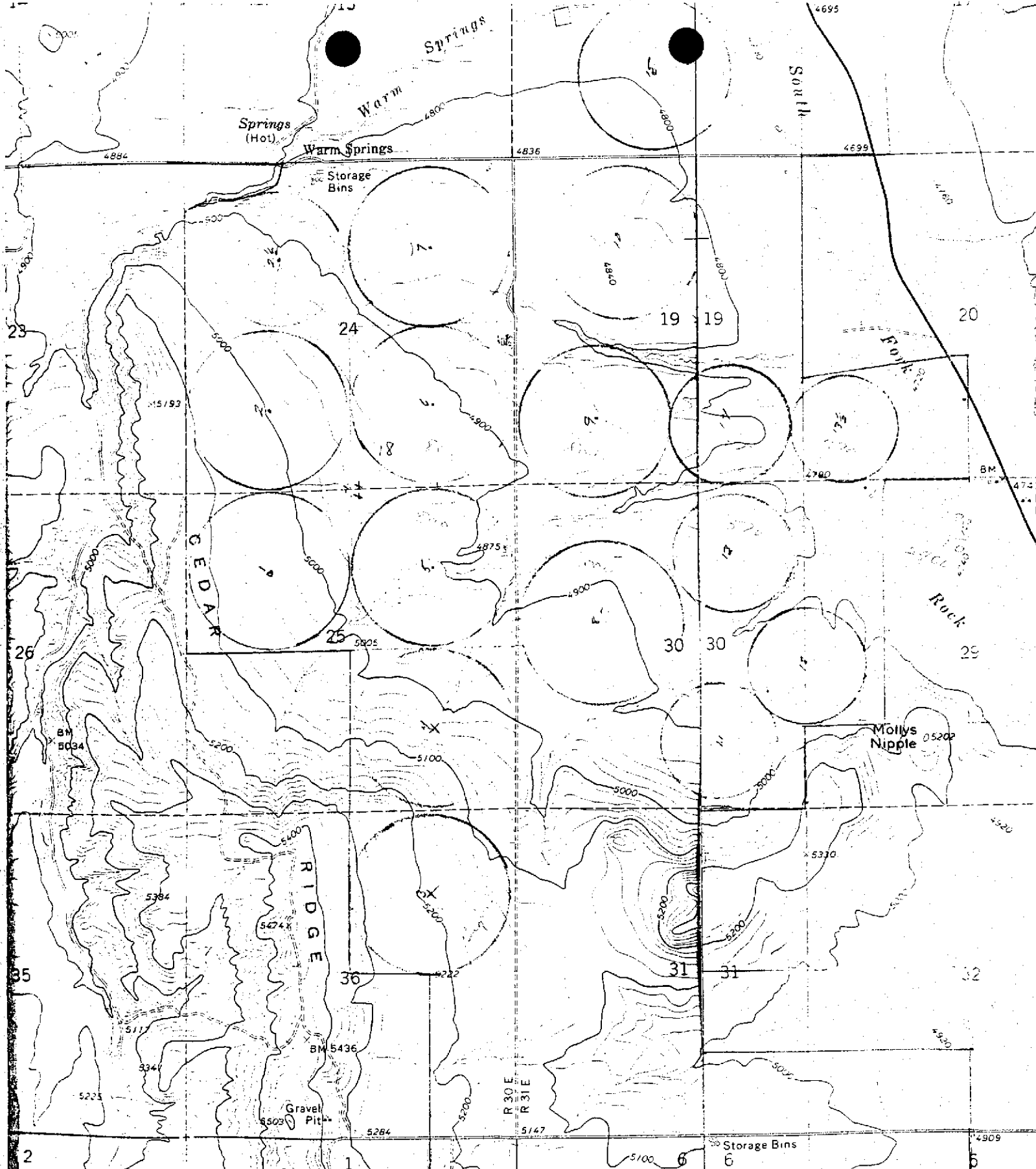
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140

100

60

20



ROAD CLASSIFICATION

- Primary highway, hard surface
- Secondary highway, hard surface
- Light-duty road, hard or improved surface
- Unimproved road
- Interstate Route
- U. S. Route
- State Route

Mapped, edited, and published by the Geolo
Control by USGS and USC&GS
Topography by photogrammetric methods from aeri
photographs taken 1969. Field checked 1971
Projection and 10,000-foot grid ticks: Idaho coordin
system, east zone (transverse Mercator)
100-meter Universal Transverse Mercator grid ticks

TABLE 2

Electric Powered Pump Standards for Tested Efficiencies

(from Pacific Gas and Electric Company,
77 Beale Street, San Francisco, CA 94106)

Motor Size (HP)	Ratings			
	Low	Fair	Good	Excellent
3-5	1.9 or less	42-49.9	50-54.9	55 or above
7.5-10	44.9 or less	45-52.9	53-57.9	58 or above
15-30	47.9 or less	48-55.9	56-60.9	61 or above
40-60	52.9 or less	53-59.9	60-64.9	65 or above
75+	55.9 or less	56-62.9	63-68.9	69 or above

RESULTS

Pumping plant efficiencies can be judged from low to excellent using the information shown in Table 2. The figures shown represent the combined efficiencies of pumps and their associated motors. Notice that efficiencies, even for pumps and motors in excellent condition, do not approach 100 percent. This is because the peak efficiency of a new motor will be in the range of 85 to 95 percent, while the peak efficiency of a new pump will be in the range of 75 to 85 percent. The overall pumping plant efficiency as defined in this report is the product of the motor and pump efficiencies (i.e., $.75 \times .85 = .64$). For simplicity, minor efficiency losses are not considered here. Notice also that the efficiencies of large pumping plants can be expected to be higher than that of smaller plants. The information shown in the table is based on the results of thousands of tests conducted in the West by Pacific Gas and Electric Company.

MAY 1 1966



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
SOUTHERN REGION

John V. Evans
Governor

A. Kenneth Dunn
Director

1041 Blue Lakes Blvd. North
Twin Falls, Idaho 83301
(208) 734-3578

41-7018
WESTON, H. RUSCOE
STAR FT. BOX 13
HOCKLAND, IL 63271

138050

August 12, 1986

CERTIFIED MAIL

EXAMINATION FEE NOTICE

Dear Permit Holder:

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

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

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

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

MICROFILMED

MAY 15 1988

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

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

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

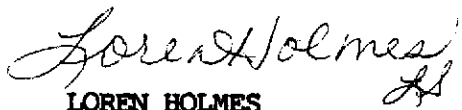
FAILURE TO SUBMIT WITHIN THE SIXTY (60) DAY PERIOD, THE FEE OR THE STATEMENT THAT A CERTIFIED EXAMINER HAS BEEN RETAINED TO MAKE THE FIELD EXAMINATION, WILL BE CAUSE TO ADVANCE THE PRIORITY OF THE PERMIT ONE DAY FOR EACH DAY THAT THE FEE SUBMITTAL IS LATE.

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

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

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

Sincerely,


LOREN HOLMES
Southern Regional Manager

Enclosures

MAY 15 1976

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Southern Region

1041 Blue Lakes Blvd. N.
Twin Falls, Idaho 83301
(208) 734-3578

NOVEMBER 19, 1985

A. ROSCOE WESTON
STAR RT. BOX 13
ROCKLAND ID 83271

RE: Permit No. 41-7018

Dear Permit Holder:

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

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

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

If you have any questions regarding the field examination, please contact this office by phone at 734-3578 or in person at our office at 1041 Blue Lakes Blvd. N. Twin Falls, Idaho.

Sincerely,
s/Mary A. Newby
Secretary

MICROFILMED

MAY 15 1993



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

JOHN V. EVANS
Governor

A. KENNETH DUNN
Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 334-4440

SEPTEMBER 1, 1985

DEAR PERMIT HOLDER:

ACCORDING TO OUR RECORDS, YOU ARE THE HOLDER OF A WATER PERMIT ON WHICH PROOF OF BENEFICIAL USE OF WATER WAS NOT SUBMITTED BEFORE JULY 1, 1985, WHICH INDICATES YOUR PROJECT IS NOT COMPLETE. THEREFORE, YOU NEED TO BE AWARE OF CHANGES IN IDAHO LAW, EFFECTIVE JULY 1, 1985, WHICH IMPACT ALL WATER PERMITS ISSUED BY THIS DEPARTMENT.

SPECIFICALLY, PURSUANT TO SECTION 42-203D, IDAHO CODE, THE DEPARTMENT MUST REVIEW ALL PERMITS FOR WHICH DEVELOPMENT OF WATER USE WAS NO COMPLETED ON OR BEFORE JULY 1, 1985, TO DETERMINE IF THEY MEET THE NEW REQUIREMENTS OF CHAPTER 2, TITLE 42, IDAHO CODE. RULES AND REGULATIONS GOVERNING THE RE-EVALUATION OF PERMITS ARE NOT YET FINALIZED. HOWEVER, IF YOU COMPLETED THE DEVELOPMENT UNDER YOUR PERMIT BEFORE JULY 1, 1985, YOU SHOULD SUBMIT A PROOF OF BENEFICIAL USE STATEMENT, STATING THAT THE PROJECT WAS COMPLETED BEFORE JULY 1, 1985 SO THAT YOUR PERMIT WILL NOT BE SUBJECT TO THE REVIEW REQUIREMENTS OF SECTION 42-203D, WHICH READS AS FOLLOWS:

42-203D. REVIEW OF PERMITS - OPPORTUNITY FOR HEARING. - (1)THE DEPARTMENT SHALL REVIEW ALL PERMITS ISSUED PRIOR TO THE EFFECTIVE DATE [JULY 1, 1985] OF THIS SECTION, EXCEPT TO THE EXTENT A PERMIT HAS BEEN PUT TO BENEFICIAL USE PRIOR TO JULY 1, 1985, TO DETERMINE WHETHER THEY COMPLY WITH THE PROVISIONS OF CHAPTER 2, TITLE 42, IDAHO CODE. IF THE DEPARTMENT FINDS THAT THE PROPOSED USE DOES NOT SATISFY THE CRITERIA OF CHAPTER 2, TITLE 42, IDAHO CODE, THEN THE DEPARTMENT SHALL EITHER CANCEL THE PERMIT OR IMPOSE THE CONDITIONS REQUIRED TO BRING THE PERMIT INTO COMPLIANCE WITH CHAPTER 2, TITLE 42, IDAHO CODE. IF THE DEPARTMENT FINDS THAT THE PERMIT SATISFIES THE CRITERIA ESTABLISHED IN CHAPTER 2, TITLE 42, IDAHO CODE, THEN THE DEPARTMENT SHALL ENTER AN ORDER CONTINUING THE PERMIT. (2)THE DEPARTMENT SHALL PROVIDE AN OPPORTUNITY FOR HEARING IN ACCORDANCE WITH SECTION 42-1701A, IDAHO CODE, AND SECTIONS 67-5209 THROUGH 67-5215, IDAHO CODE, FOR EACH HOLDER OF A PERMIT THAT IS PROPOSED EITHER TO BE CANCELLED OR MADE SUBJECT TO NEW CONDITIONS.

YOU MAY OBTAIN PROOF OF BENEFICIAL USE FORMS FROM THE DEPARTMENT. IF YOU HAVE ANY QUESTIONS, PLEASE LET US KNOW.

SINCERELY,

L. GLEN SAXTON
CHIEF, OPERATIONS BUREAU

MICROFILMED

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

STATEHOUSE
BOISE, IDAHO 83720
(208) 334-4440
CERTIFIED MAIL

138130

WESTON, H. ROSCOE
890 RIVER HEIGHTS BLVD.
LUGAN, UT 84321

PROOF DUE NOTICE

JUNE 30, 1985

DEAR PERMIT HOLDER:

ONE OF THE CONDITIONS OF APPROVAL OF YOUR WATER PERMIT NO. 41-7018 WAS THAT PROOF OF THE EXTENT OF YOUR BENEFICIAL USE MUST BE SUBMITTED TO THIS OFFICE ON OR BEFORE SEPTEMBER 01, 1985. (SEE LAST PAGE OF YOUR APPROVED PERMIT OR YOUR LAST APPROVED EXTENSION REQUEST). ENCLOSED IS A FORM WHICH 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, MORE THAN ONE EXTENSION OF TIME CAN BE GRANTED. AN EXTENSION OF TIME REQUEST FORM IS ENCLOSED FOR YOUR CONVENIENCE.

EITHER THE BENEFICIAL USE FORM OR A 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,

RITA FLECK
SECRETARY/RECORDS MANAGER

ENCLOSURES

MICROFILMED

June 19, 1980

H. Roscoe Weston
890 Riverheights Blvd.
Logan, UT 84321

Dear Mr. Weston:

Re: Permit No. 41-7018

Enclosed is a copy of the approved request for extension of time. The time within which to submit the statement of beneficial use is extended to September 1, 1985.

Sincerely,

RITA FLECK
Sr. Secretary

Enclosure



State of Idaho

DEPARTMENT OF WATER RESOURCES

STATE OFFICE, 373 W. Franklin Street, Boise, Idaho

JOHN V. EVANS
Governor

C. STEPHEN ALLRED
Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 384-2215

November 28, 1979

Dear Wateruser:

The enclosed Order changes the measuring device condition of approval on your water right permit.

The changed condition is less restrictive and provides you the option to install an access port or have your system measured and certified by a professional engineer. Instructions for access port installation are also enclosed.

If you have questions regarding this matter, please contact the Regional Office nearest to you.

Sincerely,

DAVID R. TUTHILL, JR.
Supervisor, Water Allocations Section

DRT:lr

Enclosures

Northern Region Office
Rt. #5, Box 203 Government Way
Coeur d'Alene, Idaho 83814

Eastern Region Office
1515 Lincoln Street
Idaho Falls, Idaho 83401

Southern Region Office
1041 Blue Lake Blvd. North
Twin Falls, Idaho 83301

Western Region Office
92 S. Cole Road
Boise, Idaho 83705

RECEIVED
NOV 29 1979
WATER RESOURCES

WELL DRILLER'S REPORT

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

FEB 10 1977

Department of Water Resources
Eastern District Office

1. WELL OWNER

Name Roscoe
~~XXXXXXXXX~~ Ronald Weston
Address 890 River Heights, Logan, Utah 84321
Owner's Permit No. 41-7018

7. WATER LEVEL

Static water level 198 feet below land surface
Flowing? ☐ Yes ☒ No G.P.M. flow _____
Temperature _____ ° F. Quality _____
Artesian closed-in pressure _____ p.s.i.
Controlled by ☐ Valve ☐ Cap ☐ Plug

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe method of abandoning)

8. WELL TEST DATA

☐ Pump ☐ Bailor ☐ Other

Discharge G.P.M.	Draw Down	Hours Pumped

3. PROPOSED USE

☐ Domestic ☒ Irrigation ☐ Test ☐ Other (specify type)
☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection

4. METHOD DRILLED

☒ Cable ☐ Rotary ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Diameter of hole 16 inches Total depth 815 feet
Casing schedule: ☒ Steel ☐ Concrete

Thickness	Diameter	From	To
<u>.250</u> inches	<u>16</u> inches	<u>+ 1</u> feet	<u>754</u> feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

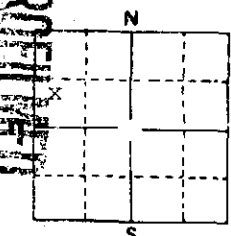
Was casing drive shoe used? ☒ Yes ☐ No
Was a packer or seal used? ☐ Yes ☒ No
Perforated? ☐ Yes ☒ No
How perforated? ☐ Factory ☐ Knife ☐ Torch
Size of perforation _____ inches by _____ inches

Number	From	To
<u>5000</u> perforations	<u>200</u> feet	<u>700</u> feet
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet

Well screen installed? ☐ Yes ☒ NoManufacturer's name _____
Type _____ Model No. _____
Diameter _____ Slot size _____ Set from _____ feet to _____ feet
Diameter _____ Slot size _____ Set from _____ feet to _____ feetGravel packed? ☐ Yes ☒ No Size of gravel _____
Placed from _____ feet to _____ feetSurface seal depth 20 Material used in seal ☐ Cement grout
☒ Puddling clay ☒ Well cuttingsSealing procedure used ☐ Shurry pit ☐ Temporary surface casing
☒ Overbore to seal depth

6. LOCATION OF WELL

Sketch map location must agree with written location.



Subdivision Name _____

Lot No. _____ Block No. _____

County _____ Power _____

SW 1/4 NW 1/4 Sec. 19, T. 10 N., R. 30 E/W

10.

Work started Nov., 1975 finished Nov., 1976

11. DRILLERS CERTIFICATION

Firm Name Vollmer & Son Firm No. 67Address Aberdeen, Id. Date 2/3/77Signed by (Firm Official) Paul Vollmer Jr.and
(Operator) Paul Vollmer

August 17, 1976

Roscoe Weston
800 River Heights Blvd.
Logan, Utah 84321

Dear Mr. Weston:

We have searched our records as you requested in your telephone conversation of August 16, 1976, for water rights from a spring approximately a mile and one-half North of your existing well. Our records were searched for water rights in the name of Irvin, Don and Keith Moss and Shirley Byington for water rights in Section 13, Twp. 10S, Rge. 30E, Power County. No water rights were found for the use of springs in this area. This, of course, does not mean that there are no valid water rights. As, prior to May 20, 1971, a water right on a surface water source could be established by the diversion and beneficial use of the water.

If this is not the area in which the springs were located, please let us know and our records will be researched further. If you have any further questions, please let us know.

Sincerely,

BOBBY D. FLEPNOR
Chief, Water Rights

BDF:jfr

September 5, 1975

Re; Permit No. 41-7018

H. Roscoe Weston
890 River Heights Blvd.
Logan, UT 84321

Dear Mr. Weston:

Enclosed is a copy of your approved Application for Permit No. 41-7018 . We direct your attention to the conditions of approval as listed on the fourth page.

Be sure to note that a special condition requiring you to install and maintain a measuring device at your point of diversion has been placed upon your permit. We are enclosing a letter describing different types of measuring devices accepted by this office.

Sincerely,

BOBBY D. FLEENOR
Chief, Water Rights

BDF:jfr

Enclosures

Affidavit of Publication

RECEIVED

AUG 13 1975

STATE OF IDAHO

COUNTY OF POWER

} S.S.

Department of Water Resources
Southern District Office

.....Phyllis Ringe..... being first duly sworn
on oath, states:

That she is the principal clerk of the printer of the Power County Press, a newspaper of general circulation in Power County, Idaho, published weekly at American Falls in said County; that said newspaper has been published in said County uninterruptedly and continuously for over seventy-eight consecutive weeks, prior to the first publication of the annexed notice or advertisement:

That the annexed notice or advertisement was published as per clipping attached in the regular and entire edition of said

newspaper and not in any supplement thereof for 2 successive weekly issues thereof, the date of the first publica-

tion being the 7th day of August, 1975

the date of last publication being the

14th day of August, 1975

(Signed) *Phyllis Ringe*

Subscribed and sworn to before me this

14th day of August, 1975

Notary Public, residing at American Falls, Idaho.

My Commission expires the

(SEAL)

..... day of, 19

Notary Public

Residing at Am. Falls, Idaho

My Commission Expires

July 15, 1977

Published in the Power County Press on August 7 and August 14, 1975.

NOTICE OF APPLICATION FOR WATER PERMIT

Notice is hereby given that H. Roscoe Weston 890 River Heights Blvd., Logan, Utah has on 7-30-75 submitted Application No. 41-7018 for a permit to appropriate 28.80 cubic feet per second of water from Groundwater by means of wells, motors & pump within the SW $\frac{1}{4}$ SE $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 24, Twp. 10S, Rge. 30E, B.M.; SW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 25; Twp. 10S, Rge. 30E; SW $\frac{1}{4}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 19; SW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 30, Twp. 10S, Rge. 31E, B.M. Power County, to be used from March 15 - November 15 for Irrigation of 1,440 acres within Section 24; N $\frac{1}{2}$, Section 25, Township 10S, Range 30E; W $\frac{1}{2}$, Section 19; NW $\frac{1}{4}$, Section 30, Township 10S, Range 31E, B.M.

If issued, this permit will be subject to all prior water rights. Protests against the granting of the permit must be filed with the Idaho Department of Water Resources, 1041 Blue Lakes Blvd., North, Twin Falls, Idaho, 83301 on or before August 25, 1975.

R. K. [Signature]

O.K.C.
8-19-75

July 30, 1975

RE: Application For Permit No.'s 41-7018

- H. Roscoe Weston

Power County Press
174 Idaho Street
American Falls, Idaho 83211

Gentlemen:

Enclosed you will find a legal notice which we wish to have published once a week for two consecutive weekly issues of your newspaper. We have inserted the publication dates allowing ample time for you to submit us a galley proof for review before publication.

After sending us a galley proof, proceed with the publication on the dates we have inserted, assuming the notice is correct. If we have any corrections, we will notify you before the first publication. If you cannot publish the notice on the proposed dates, please contact us immediately.

In order to receive payment, an affidavit of publication must be submitted to the Department along with the publication bill.

Sincerely,

Bob Haynes
Southern District Supervisor

BH:cc

Bill submitted: 8-18-75 cc

Published in the Power
County Press on August 7 and
August 14, 1975.

**NOTICE OF APPLICATION
FOR WATER PERMIT**

Notice is hereby given that
H. Roscoe Weston 890 River
Heights Blvd., Logan, Utah
has on 7-30-75 submitted
Application No. 41-7018 for a
permit to appropriate 28.80
cubic feet per second of water
from Groundwater by means
of wells, motors & pump
within the SW $\frac{1}{4}$ SE $\frac{1}{4}$,
SW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 24, Twp.
10S, Rge. 30E, B.M.; SW $\frac{1}{4}$ -
NE $\frac{1}{4}$, Sec. 25; Twp. 10S, Rge.
30E; SW $\frac{1}{4}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ -
SW $\frac{1}{4}$, Sec. 19; SW $\frac{1}{4}$ NW $\frac{1}{4}$,
Sec. 30, Twp. 10S, Rge. 31E,
B.M. Power County, to be
used from March 15 - Nov-
ember 15 for Irrigation of
1,440 acres within Section 25,
N $\frac{1}{2}$, Section 25, Township
10S, Range 30E; W $\frac{1}{2}$, Section
19; NW $\frac{1}{4}$, Section 30, Town-
ship 10S, Range 31E, B.M.

If issued, this permit will be
subject to all prior water
rights. Protests against the
granting of the permit must be
filed with the Idaho Depart-
ment of Water Resources,
1041 Blue Lakes Blvd., North,
Twin Falls, Idaho, 83301 on or
before August 25, 1975.

R. KEITH HIGGINSON
Director

*Galley
proof*

*O.K. cc
8.6.75*

*(Should be) Section 24
Called Garner City Press
8-6-75. will correct.
cc*

NOTICE OF APPLICATION FOR WATER PERMIT

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890 River Heights Blvd., Logan, Utah

has on 7-30-75 submitted Application No. 41-7018

for a permit to appropriate 28.80 cubic feet per second ~~XXXXXXXXXXXXXXXXXXXX~~

of water from Groundwater

by means of wells, motors & pump

within the SW $\frac{1}{4}$ SE $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 24, Twp. 10S, Rge. 30E, B.M.; SW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 25;

Twp. 10S, Rge. 30E; SW $\frac{1}{4}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 19; SW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 30, Twp. 10S, Rge. 31E, B.M.

Power County.

to be used from March 15 - November 15

for Irrigation of 1,440 acres

within ~~the~~ Section 24; N $\frac{1}{2}$, Section 25, Township 10S, Range 30E; W $\frac{1}{2}$, Section 19;
NW $\frac{1}{4}$, Section 30, Township 10S, Range 31E, B.M.

If issued, this permit will be subject to all prior water rights. Protests against the granting of the permit must be filed with the Idaho Department of Water Resources, 1041 Blue Lakes Blvd., North, Twin Falls, Idaho, 83301 on or before August 25, 1975.

R. KEITH HIGGINSON

Director

Published in the Power County Press

on 8-7 and 8-14-75

RECORDED
INDEXED
AUG 21 1975
IDAHO DEPT. OF WATER RESOURCES