

Affidavit of Publication

THE RIGBY STAR

Department of Reclamation

STATE OF IDAHO }
County of Jefferson } ss.

I, Hope B. Jones, do solemnly swear that I am the printer of THE RIGBY STAR, a weekly newspaper as defined by Idaho Codes annotated section 58-106 as amended, and that said newspaper is a weekly newspaper, printed and published at Rigby, Jefferson County, Idaho, having a general circulation in said county, and that said newspaper has been printed and published as a weekly newspaper, in said county for more than 78 consecutive weeks prior to the first publication of the attached notice.

And affiant further says that said attached notice, advertisement or publication as per clipping attached, was published in said newspaper in the regular and entire issue thereof, and not in any supplement issue thereof, for

~~Two~~ Consecutive issues thereof; first publication having been made on the

24th day of July, 1969

and the last publication on the

31st day of July, 1969

And affiant further says that at the times herein mentioned said newspaper was made up of at least four pages of at least five columns each, printed from type matter of at least seventeen and three-fourths inches depth; and that there are a least two hundred bona fide subscribers in Jefferson County.

Hope B Jones

Subscribed in my presence and sworn to before me this 7th

day of August, 1969
(SEAL)

Notary Public for the State of Idaho,
Residence and P. O. Address, Rigby, Idaho.

My commission expires _____, 19____

Publication Fee: \$_____

MY COMMISSION EXPIRES JULY 15, 1973

NOTICE OF EXISTING WATER PERMIT

Notice is hereby given that Quality Pak, Box 382, Rexburg, Idaho, has received an approved permit No. G-33138 issued by the Idaho State Reclamation Department authorizing the diversion of 9.6 cubic feet per second of water from a ground water source, subject to all prior rights. The priority to be established under this permit is August 25, 1966 and the permit was approved September 12, 1966. Water is to be diverted by well and pump from a point within the SW $\frac{1}{4}$ -SE $\frac{1}{4}$, Sec. 34, T. 8 N, R. 36 E. B.M., Jefferson County to be used for irrigation in the E $\frac{1}{2}$ SE $\frac{1}{4}$, Sec. 33; S $\frac{1}{2}$, Sec. 34; W $\frac{1}{2}$ SW $\frac{1}{4}$, Sec. 35, T. 8 N, R. 36 E.B.M.

Proof of the application of the water to beneficial use is to be submitted to the Department on or before September 12, 1971. Any protests against the issuance of a license for the above referenced permit should be filed with the Department of Reclamation within ten (10) days of the

last date of publication of this notice or prior to the licensing of the permit. Licensing may commence prior to the date beneficial use proof is due without further notice.

R. KEITH HIGGINSON,
State Reclamation Engineer.

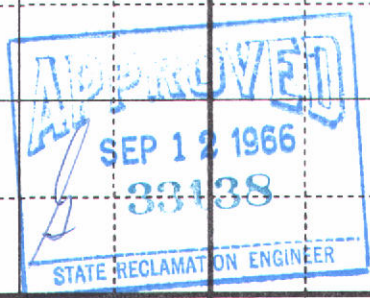
Published in The Rigby Star, Rigby, Idaho, on July 24, and July 31, 1969.

31-2-429
33138

Quali Pak

33 *34* *35*
• well

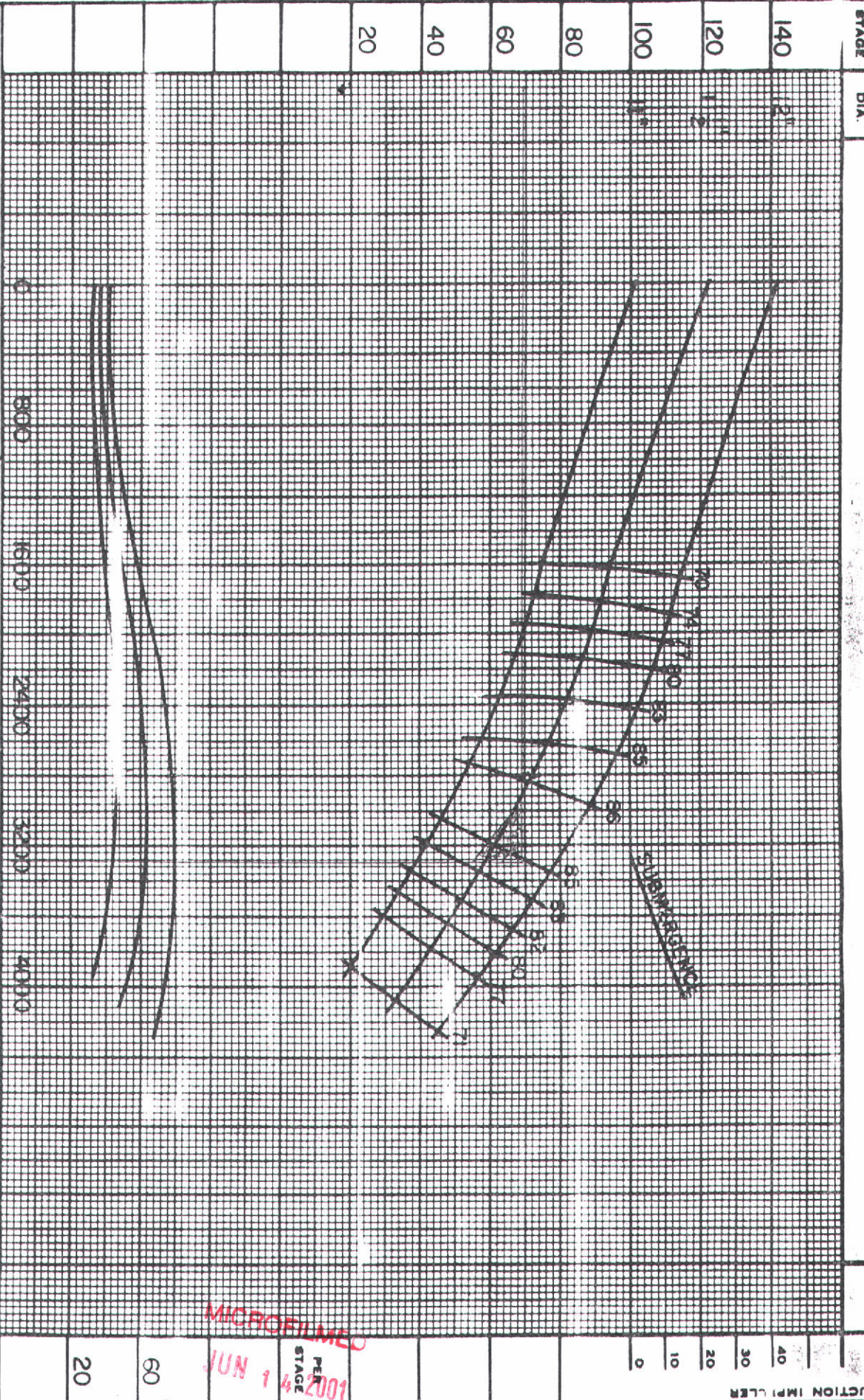
T 8 N
T 7 N



PER
STAGE

IMP.
DIA.

FEET TOTAL DYNAMIC HEAD



DATE 7-26-65

.97
.99



JOHNSTON PUMP COMPANY

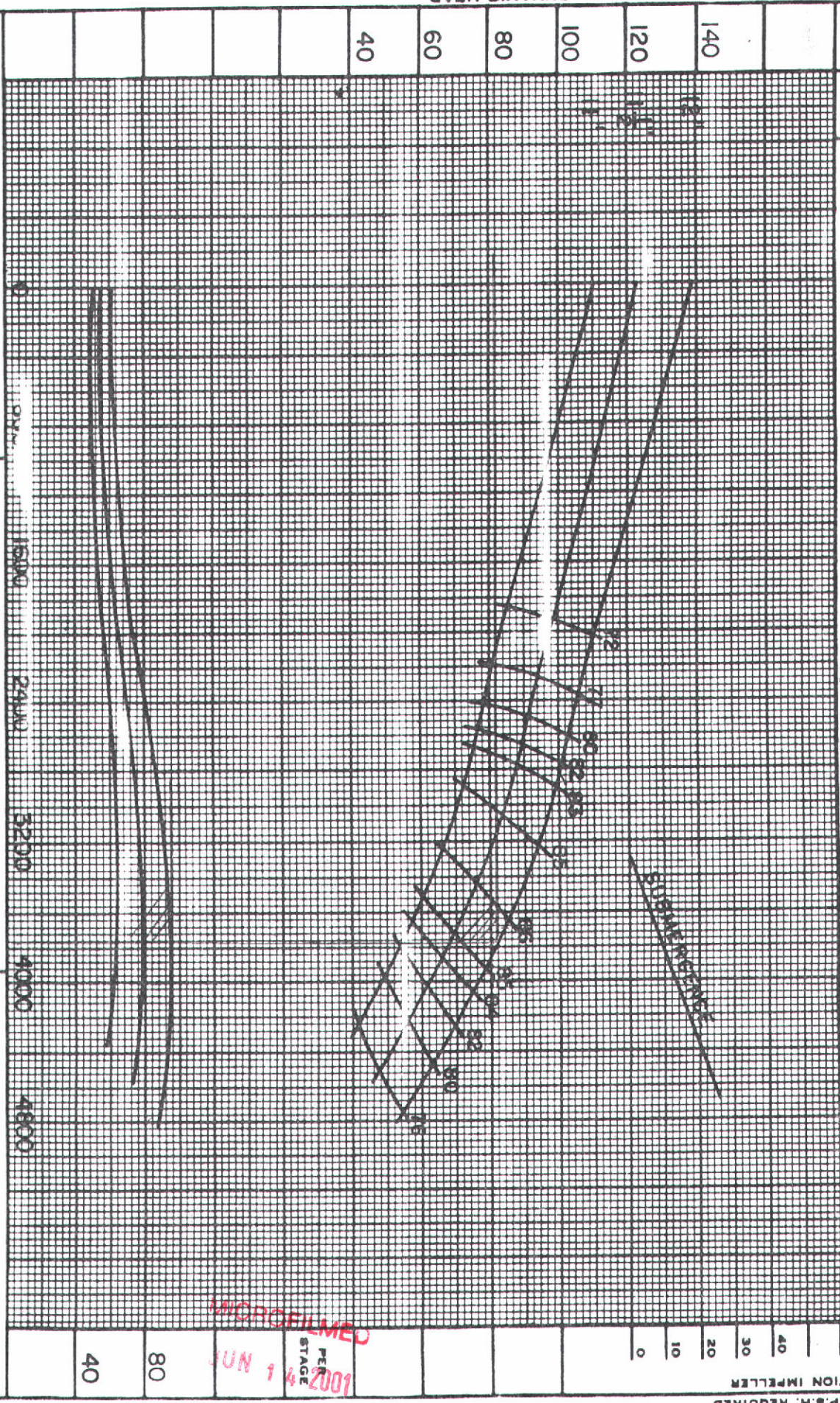
Glendora, California
ESTABLISHED 1909

JP-341

FEET TOTAL DYNAMIC HEAD

PER
STAGE
IMP.
DIA.

Booster Pump



U.S. GALLONS PER MINUTE

16CHC TURBINE PUMP

IMPELLER — BRONZE

1770 R.P.M.

BOWL — CAST IRON

CURVE SHEET NO

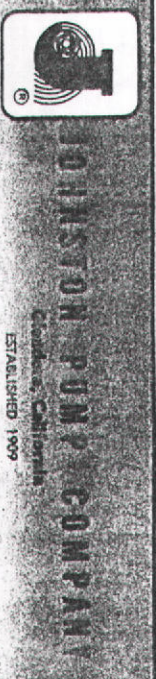
10250

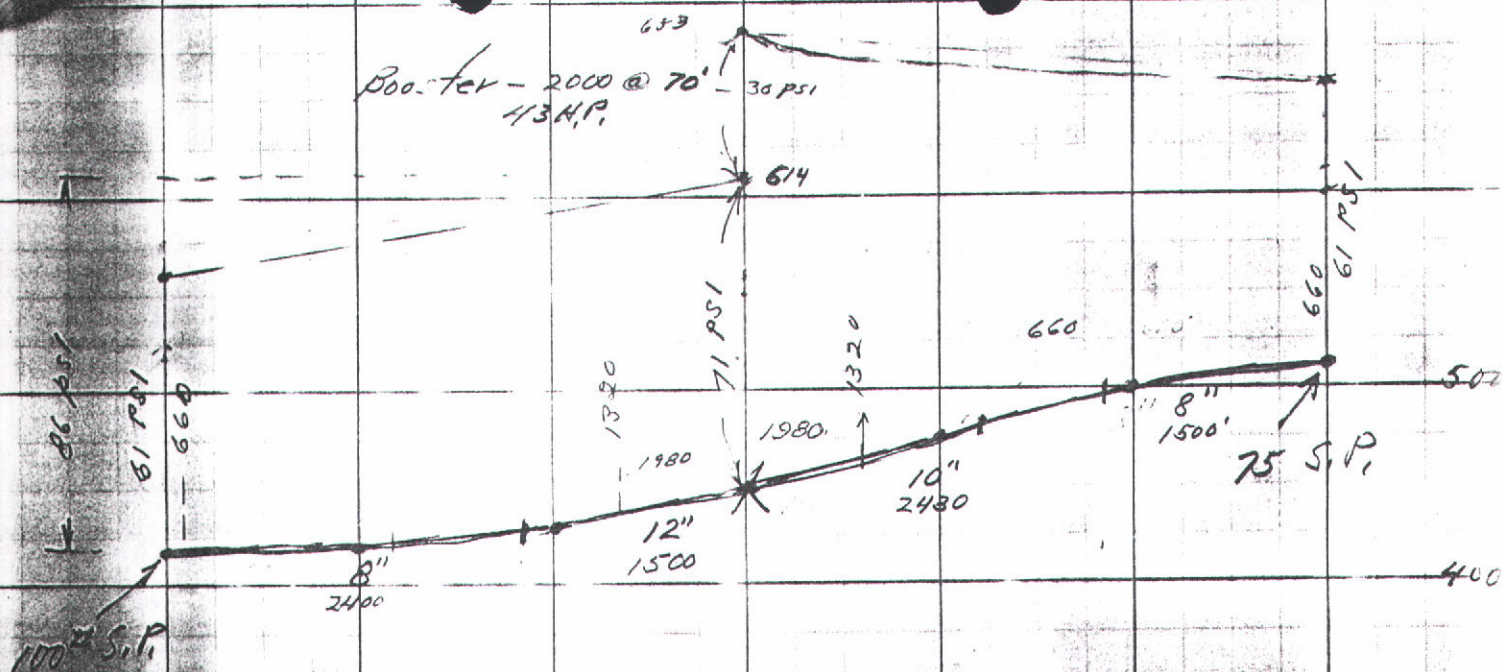
PERFORMANCE BASED ON MULTISTAGE TESTS
PUMPING CLEAR COLD WATER SP. GR. 1.0
FOR 1 STAGE MULTIPLY HEAD & EFF. BY

FOR 3 STAGES MULTIPLY MD. & EFF. BY

DATE 7 - 26 - 65

7 - 26 - 65





Water Required at
5-5 line dynamics

@ 660 gpm = 3300 gpm

Pump in use 3-16 CLC

Will deliver 3300 @ 210 TDH

Column Friction 8

Injection Lift 35

Pressure Head $\frac{164}{210} = 71 \text{ psi}$

MICROFILMED

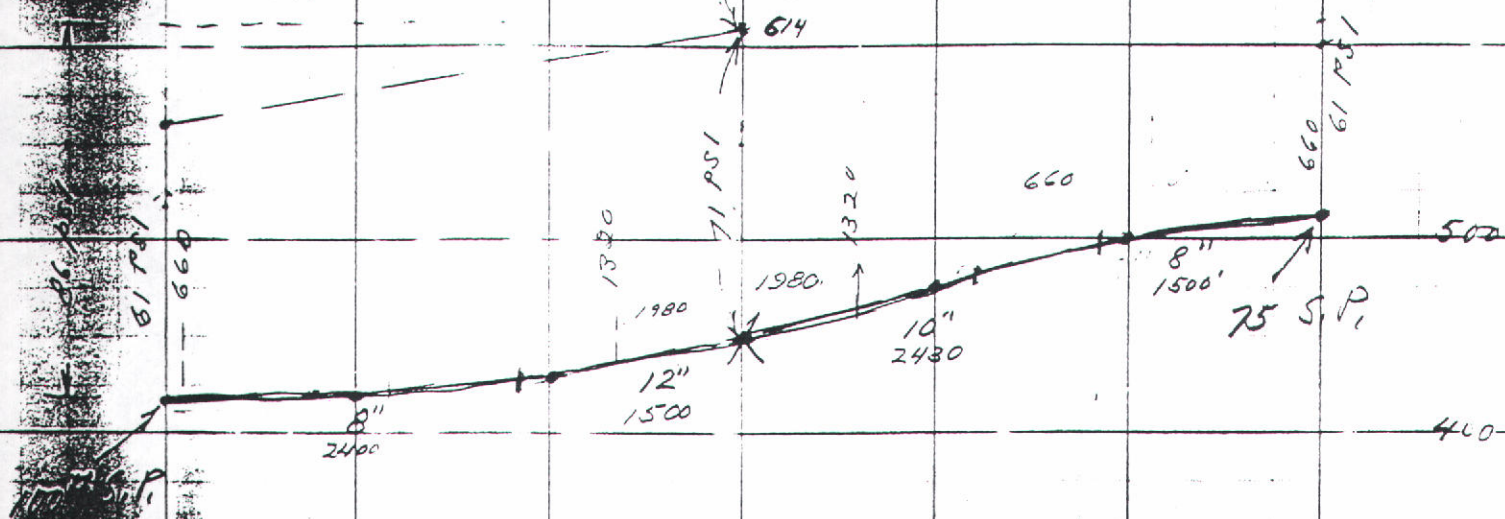
JUN 14 2001

Quality Pac
North Pump

#4, -) jump

[illegible]

Booster - 2000 @ 70' - 30 PSI
1/3 H.P.



Water Requirement
5-5 line Trumatics

@ 660 gpm @ 3300 gpm

Pump in Well: 3-16 CLC

Will deliver 3300 @ 210 TDH

Column Friction 8

Suction Lift 38

Pressure Head $\frac{164}{210} = 71 \text{ PSI}$

MICROFILMED

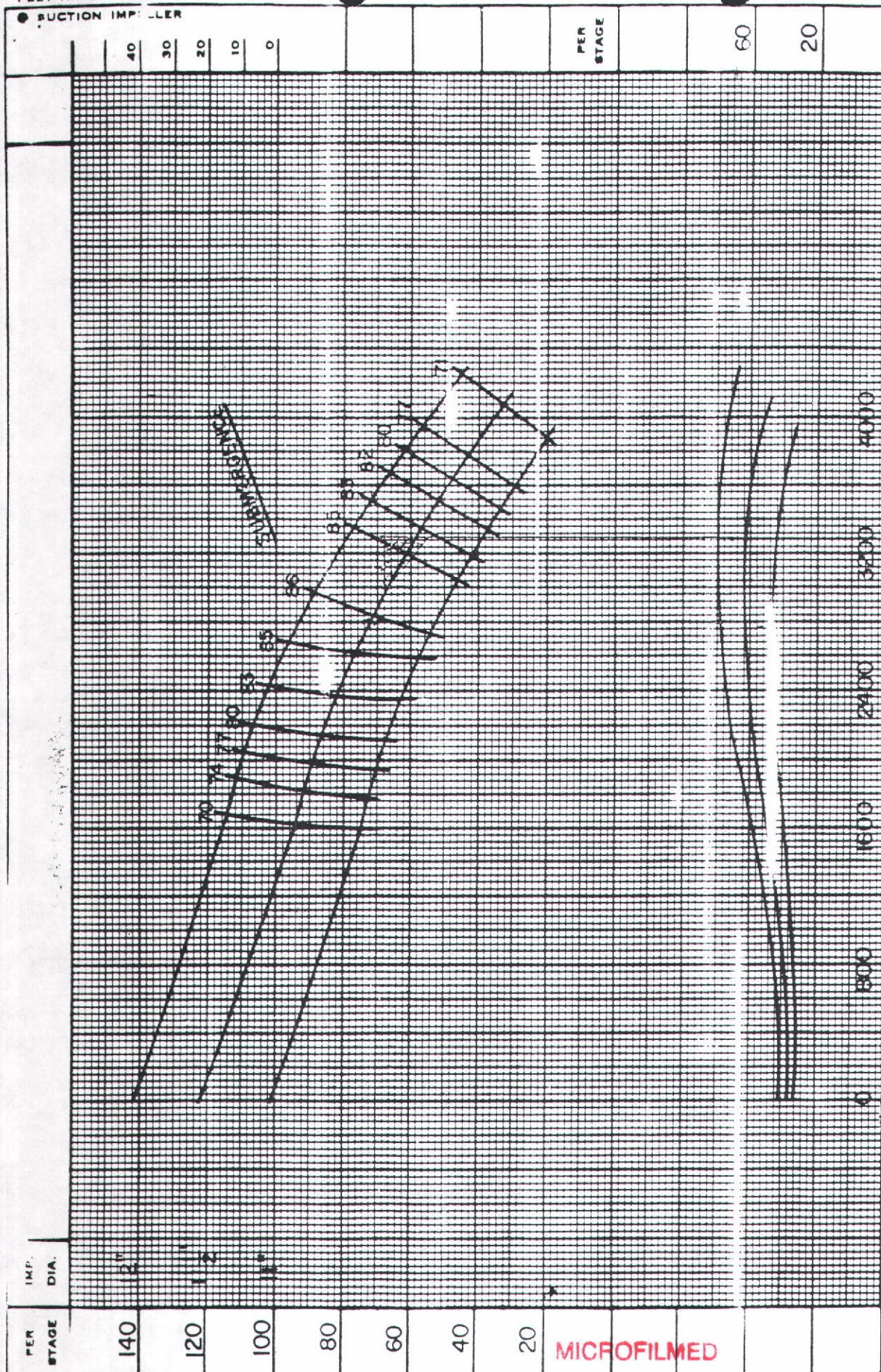
JUN 14 2001

Quality Pac
North Pump

FEET N.P.S.H. REQUIRED

BRAKE HORSE POWER

● SUCTION IMPELLER



PER
STAGE

60

20

RPM

1770

BOWL — CAST IRON

CURVE SHEET NO

10246

16CMC

TURBINE PUMP

IMPELLER — BRONZE

U.S. GALLONS PER MINUTE

JOHNSTON PUMP COMPANY

Glendora, California

ESTABLISHED 1909



PERFORMANCE BASED ON MULTISTAGE TESTS
PUMPING CLEAR COLD WATER SP. GR. 1.0

.97

.99

FOR 1 STAGE MULTIPLY HEAD & EFF. BY

FOR 3 STAGES MULTIPLY HD & EFF. BY

DATE 7-26-65

MICROFILMED

JUN 14 2001

FEET TOTAL DYNAMIC HEAD

FEET N.P.S.H. REQUIRED

BRA HORSEPOWER

● SUCTION IMPELLER

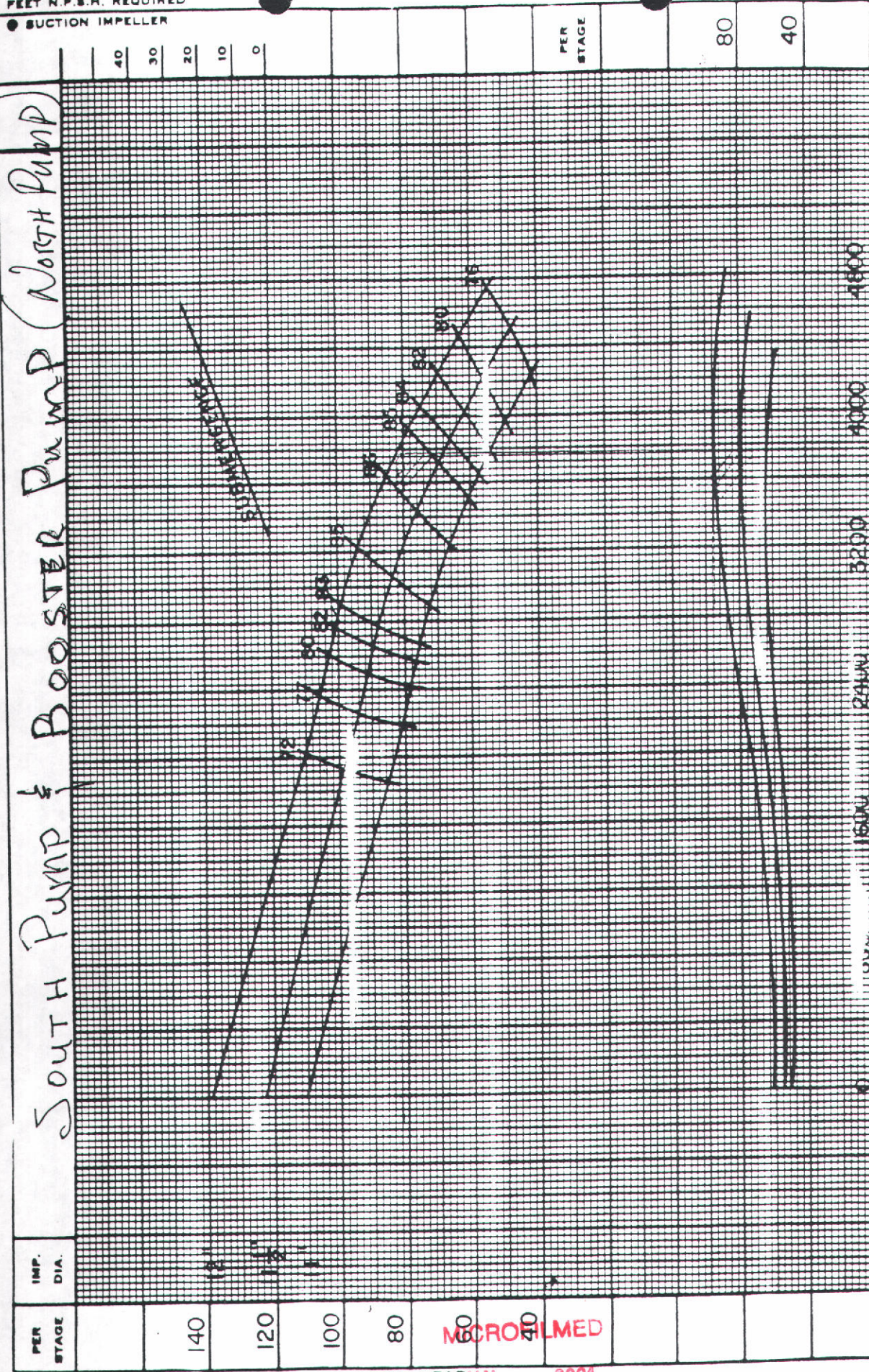
IMP. DIA.

PER STAGE

FEET TOTAL DYNAMIC HEAD

MICROFILMED

JUN 14 2001



108 PSI

108 PSI

500

75 # S.P.

100

120 # S.P.

Pipe Distr. O.K.

Water Requirement

4-5 line irrigation

@ 660 gpm = 2640 gpm

Pump in Well 3-1/2" C/LC

Will deliver 2640 @ 270' T.L.H.

Column Friction

6

Suction Lift

60'

Pressure Head

$\frac{204}{270}$

= 85%

MICROFILMED

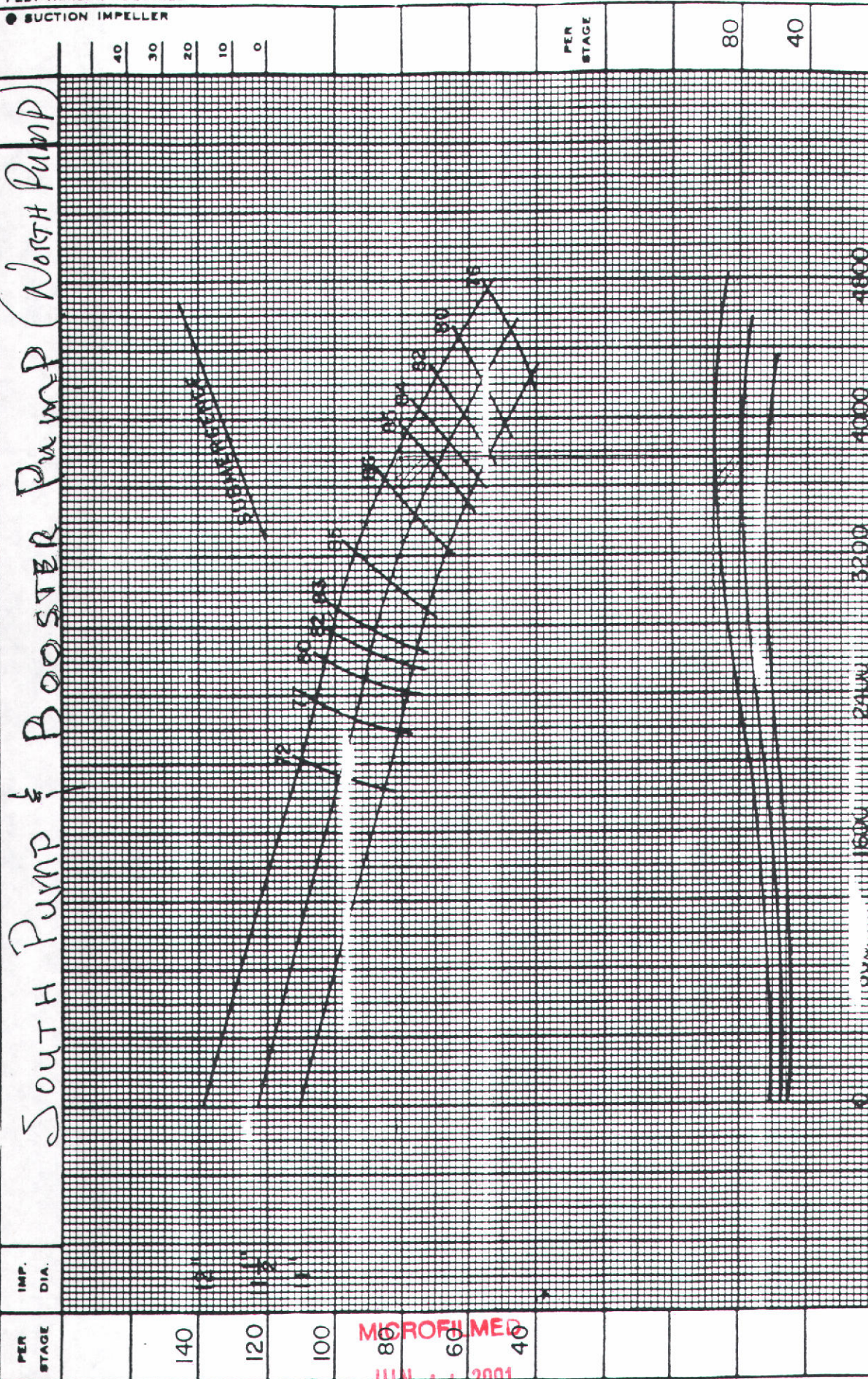
JUN 14 2001

Quality Pac
South Well

FEET N.P.S.H. REQUIRED

BRAND HORSEPOWER

● SUCTION IMPELLER



JUL 15 1969

Department of Reclamation

has received an approved permit No.

to be used for irrigation Error
in the E $\frac{1}{2}$ SE $\frac{1}{4}$, Sec. 33; V $\frac{1}{2}$, Sec. 34; W $\frac{1}{2}$ SW $\frac{1}{4}$, Sec. 35, T. 8 N, R. 36 E, B.M. SS Should be S $\frac{1}{2}$

R. KEITH HIGGINSON
State Reclamation Engineer

State Reclamation Engineer: Permit No. G-33138

You are hereby authorized to have the attached notice published at my expense in the Rigby Star of Rigby, Idaho, published in the county in which the works are situated.

✓ new day, sales.
(Address)

33, 34

State of Idaho
Department of Water Resources
Water Right License

AMENDED

WATER RIGHT NO. 31-02429

AMENDED

Priority: August 29, 1966

Maximum Diversion Rate: 7.35 CFS
Maximum Diversion Volume: 1,800 AF

It is hereby certified that QUALITY PAK
PO BOX 382
REXBURG ID 83440 has complied with the terms and
conditions of the permit, issued pursuant to Application for Permit dated August 29, 1966; and has
submitted Proof of Beneficial Use on July 17, 1969. An examination indicates that the works have a
diversion capacity of 7.35 cfs of water from:

SOURCE

GROUND WATER

and a water right has been established as follows:

BENEFICIAL USE
IRRIGATION

PERIOD OF USE
4/15 to 11/15

DIVERSION RATE
7.35 CFS

**ANNUAL
DIVERSION VOLUME**
1,800 AF

LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34, Twp 08N, Rge 36E, B.M. JEFFERSON County

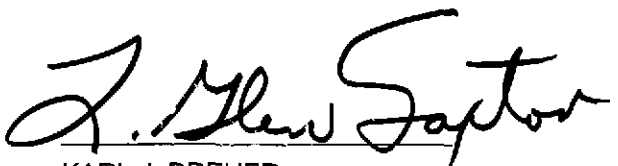
PLACE OF USE: IRRIGATION

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
08N 36E 33													34.0			34.0	68.0
08N 36E 34									35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	280.0
08N 36E 35									35.0	35.0							70.0

Total Acres: 418

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

Signed and sealed this 11th day of July, 2001.


for **KARL J. DREHER**
Director

BEFORE DEPARTMENT OF WATER RESOURCES
OF THE STATE OF IDAHO

IN THE MATTER OF WATER)
RIGHT LICENSE NO. 31-02429)
IN THE NAME OF QUALITY PAK)
_____)

**PRELIMINARY ORDER
CORRECTING LICENSE**

This matter having come before the Department of Water Resources (Department) as a result of the filing of a petition to correct a water right license, the Department makes the following Findings of Fact, Conclusions of Law, and Order:

FINDINGS OF FACT

1. On September 12, 1966, the Department issued Permit No. 33138 (permit) in the name of Quality Pak. The permit authorized the development of a right to divert 9.6 cubic feet per second (cfs) from groundwater to irrigate 480 acres. The beneficial use proof due date was September 12, 1971.
2. On July 22, 1969, the right holder submitted a proof of beneficial use statement for the permit.
3. On July 9, 1969, Department staff conducted a field inspection to verify the extent of the beneficial use of water developed in accordance with the permit. The examiner reported that the system capacity was determined on the basis of sprinkler nozzles, size, and pressure. The reported diversion rate was 1930 gallons per minute (gpm), or 4.3 cfs, over 418 irrigated acres. The examiner did not provide additional documentation regarding the reported diversion rate.
4. On September 19, 1969, the Department issued Water Right License No. 31-02429 (license) in the name of Quality Pak, which authorizes the diversion of 4.3 cfs from ground water to irrigate 418 acres.
5. On November 18, 1988, a Claim was filed in the Snake River Basin Adjudication for Water Right License No. 31-02429 under the name of Quality Farms, Inc.
6. On March 24, 2001, the Department received a letter and supplemental documentation from Golden C. Linford (petitioner) on behalf of the current water right holder, requesting corrections be made to the diversion rate authorized under Water Right License No. 31-02429. The letter described the original system as designed and installed in 1966, changes made through the development period, and indicated that the design flow was 3300 gpm or 7.35 cfs.

7. On April 2, 2001, the Department received a letter from Robert R. Lee on behalf of the petitioner, with supplemental documentation stating that Water Right License No. 31-02429 was licensed with an incorrect diversion rate and should be amended. This letter also gave an account of system changes during and after the development period, and described the system capacities with attached pump curves and design calculations.
8. Department staff reviewed the letters and supplemental documentation provided by the petitioner and by Robert R. Lee, and summarized the findings in a memorandum dated May 30, 2001. The review confirmed that the documentation provided by the petitioner and by Robert R. Lee supported a diversion rate of 7.35 cfs which was developed in accordance with Permit No. 33138.

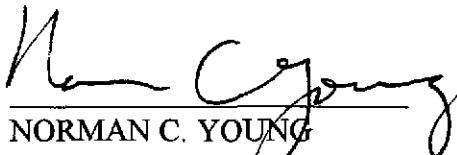
CONCLUSIONS OF LAW

1. Information submitted by the petitioner supports a diversion rate of 7.35 cfs developed in accordance with Permit No. 33138.
2. The field examiner did not provide sufficient information to support the diversion rate reported in the beneficial use field report for the permit.
3. The license does not accurately portray the water use developed by the water right holder in accordance with Permit No. 33138.
4. The Department should correct Water Right License No. 31-02429 to authorize a diversion rate of 7.35 cfs for irrigation purposes.

ORDER

IT IS HEREBY ORDERED that Water Right License No. 31-02429 issued by the Department on September 19, 1969, is **CORRECTED** by revising the diversion rate from 4.30 cfs to 7.35 cfs. An Amended Water Right License shall be prepared to incorporate the corrections hereby ordered.

Dated this 4TH day of JUNE, 2001.



NORMAN C. YOUNG
Administrator, Water Management Division

WATER LICENSE

Water License No. G-33138/31-2429 Priority August 29, 1966 Amount 4.3 c.f.s.THIS IS TO CERTIFY, that QUALITY PAK

of Rexburg, Idaho, made application for a permit to appropriate the public waters of the State of Idaho, dated August 29, 1966; that Permit G-33138/31-2429 was issued pursuant to said application; that the proposed works were completed on or about April 15, 1968 with a storage/or carrying capacity of 4.3 c.f.s., said works consisting of well, pump, motor and sprinkler system; and that on July 17, 1969 proof was made to the satisfaction of the State Reclamation Engineer, of the beneficial use of 1800 acre feet per season, with a maximum rate of diversion of 4.3 cubic feet per second of the waters of ground-water, tributary of for the purpose of irrigation from April 15 to November 15; and for from to ; and for from to ; and that the use of said waters has been made in accordance with the laws of Idaho, and is hereby confirmed by the State Reclamation Engineer and entered in the records of the Idaho Department of Reclamation: the point of diversion is located in SW $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 34, T. 8 N, R. 36 E, B.M., and other additional points , in the County of Jefferson; and that the amount of water to which such right is entitled and which is hereby confirmed, for the purposes aforesaid, is limited to an amount actually beneficially used for said purposes and shall not exceed 1800 acre feet per year.

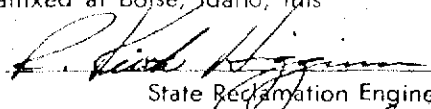
Description and location of place of use:

TWP.	RANGE	SEC.	NE $\frac{1}{4}$				NW $\frac{1}{4}$				SW $\frac{1}{4}$				SE $\frac{1}{4}$				TOTALS
			NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	
8 N	36 E	33													34			34	68
		34									35	35	35	35	35	35	35	35	280
		35										35	35						70

Total number of acres irrigated 418

The right to the use of the water hereby confirmed is restricted to the lands or place of use herein described, as provided by the laws of Idaho.

Witness the seal and signature of the State Reclamation Engineer, affixed at Boise, Idaho, this

19th day of September, 19 69

 State Reclamation Engineer

31 2429

31-2429
33138

Affidavit of Publication

THE RIGBY STAR

STATE OF IDAHO
County of Jefferson

ss.

I, Hope B. Jones, do solemnly swear that I am the printer of THE RIGBY STAR, a weekly newspaper as defined by Idaho Codes annotated section 58-106 as amended, and that said newspaper is a weekly newspaper, printed and published at Rigby, Jefferson County, Idaho, having a general circulation in said county, and that said newspaper has been printed and published as a weekly newspaper, in said county for more than 78 consecutive weeks prior to the first publication of the attached notice.

And affiant further says that said attached notice, advertisement or publication as per clipping attached, was published in said newspaper in the regular and entire issue thereof, and not in any supplement issue thereof, for

~~Two~~ Consecutive issues thereof; first publication having been made on the

24th day of July, 1969

and the last publication on the

31st day of July, 1969

And affiant further says that at the times herein mentioned said newspaper was made up of at least four pages of at least five columns each, printed from type matter of at least seventeen and three-fourths inches depth; and that there are at least two hundred bona fide subscribers in Jefferson County.

Hope B Jones

Subscribed in my presence and sworn to before me this 7th

day of August, 1969

(SEAL)

Notary Public for the State of Idaho,
Residence and P. O. Address, Rigby, Idaho.

My commission expires _____, 19____

Publication Fee: \$_____

MY COMMISSION EXPIRES JULY 15, 1973

NOTICE OF EXISTING WATER PERMIT

Notice is hereby given that Quality Pak, Inc. 902, Rigby, Idaho, has received an approved permit No. G-53155 issued by the Idaho State Reclamation Department authorizing the diversion of 9.6 cubic feet per second of water from a ground water source, subject to all prior rights. The priority to be established under this permit is August 25, 1966 and the permit was approved September 12, 1966. Water is to be diverted by well and pump from a point within the SW 1/4, Sec. 34, T. 8 N., R. 38 E., B.M., Jefferson County to be used for irrigation in the E 1/2 SW 1/4, Sec. 33, S 1/2, Sec. 34, W 1/2 SW 1/4, Sec. 35, T. 8 N., R. 38 E. B.M.

Proof of the application of the water to beneficial use is to be submitted to the Department on or before September 12, 1971. Any protests against the issuance of a license for the above referenced permit should be filed with the Department of Reclamation.

Licensing may commence prior to the date beneficial use proof is due without further notice.

R. KIRK HEDGECOCK,
State Reclamation Engineer.

Published in The Rigby Star, Rigby, Idaho, on July 24, and July 31, 1969.

31-2429
33/38

BEFORE THE STATE RECLAMATION ENGINEER

OF THE

STATE OF IDAHO

IN THE MATTER OF PERMIT NO. G-33138)

in the name of Quality Pak)

Box 382, Rexburg, Idaho)

ORDER MODIFYING REQUIREMENTS
FOR COMPLETION OF PERMIT TO
APPROPRIATE WATER

WHEREAS, the 39th Idaho Legislature made certain amendments to the Idaho Water Law;
and,

WHEREAS, these changes raised questions as to the procedures to be followed by
holders of permits issued prior to the effective date of the amendments, May 31, 1967;
and,

WHEREAS, on August 1, 1968, the Department of Reclamation adopted Rules of Practice
and Procedures for the processing of such permits issued prior to May 31, 1967; and,

WHEREAS, Permit No. G-33138 was issued previous to that date;

NOW THEREFORE, the requirements for completion of the above-numbered permit are
hereby modified to conform to the adopted Rules of Practice and Procedures as follows:

1. The above-numbered permit will be completed under the terms of Title 42,
Chapter 2, Idaho Code, as amended by the 39th Idaho Legislature.
2. The conditions of the above-numbered permit are modified as follows:
 - a. Notice of the issuance of the permit will be published at the permit
holders expense for two weekly issues in the official newspaper of
the county in which the point of diversion lies.

Dated this 9th day of July, 1969.


R. KEITH HIGGINSON
State Reclamation Engineer

33138

Address all communications to:

P. O.

APPLICATION FOR PERMIT

TO APPROPRIATE THE SUBTERRANEAN WATERS OF THE STATE OF IDAHO

Application No. G 41338

Permit No. G 33138

Water District No. _____

RECEIVED
AUG 29 1966
8:00 A.M.
Department of Reclamation

1. Name of applicant: Quality Pak
Post office address Box 382, Rexburg County Madison State Ida.
2. Quantity of water claimed: 5500 gal per min 9.6 CFS
3. Source of water supply: Subterranean
4. Location of point of diversion or well is in the NE SW $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Section 34
Twp. 8 N, Rge. 36 E, B.M., County of Jefferson
5. Water is to be used for: Irrigation of potatoes, etc.
6. If for domestic, municipal, industrial or recreational purposes give:
 - (a) Point of use of water is in the _____ $\frac{1}{4}$ of the _____ $\frac{1}{4}$ of Section _____
Twp. _____, Rge. _____, B.M.
 - (b) Waste water or sewage effluent is to be returned to _____
at a point in the _____ $\frac{1}{4}$ of the _____ $\frac{1}{4}$ of Section _____, Twp. _____, Rge. _____, B.M.
7. Kind of Works: Well & pump
& pump
8. Estimated cost of works: \$ 2000.00 for drilling well
9. (a) Is reservoir to be used? no
(b) Capacity of reservoir: _____
10. The time required for the completion of such work and complete application of the water to the proposed use is 5 years.
11. If applicant is a corporation, give:
 - I. (a) Date and place of incorporation: _____
 - (b) Amount of capital stock \$ _____ (c) Amount paid in: \$ _____
 - (d) Names and addresses of directors: _____

33138 B

(Continued)

II. The financial resources of the applicant are: (a) Cash on hand: \$_____

(b) Treasury stock: _____ (c) Bonds to be issued: _____

(d) Other resources: _____

12. The land to be irrigated is described in the following tabulation:

(Give irrigable acreage in each 40-acre subdivision)

[illegible]

13. Existing water rights and/or valid permits appurtenant to the lands to be irrigated are:_____

(a) ~~5500 gpm~~ (Cubic feet per second, inches or gallons per minute) of the water herein applied for is to be supplemental to the existing water rights.

(b) 5500 gal per min (cubic feet per second, inches or gallons per minute) is for new lands.

33138

Remarks:

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.

Quality Pak

Applicant

By

May T. Thorsen

Agent

33138

1016

Approval of State Reclamation Engineer

The number of this permit is G 33138
Recorded in Book 116 Page 33138 Approved SEP 12 1966

This is to certify that I have examined the within application for a permit to appropriate the public waters of the State of Idaho, and hereby approve the same, subject to the following limitations and conditions:

Bond in the sum of \$ _____ to be filed before _____

One-fifth of the work above specified to be completed on or before March 12, 1969
The whole of said work to be completed and beneficial use of water appropriated in accordance herewith, to be made on or before September 12, 1971

Witness my hand this 12 th day of September, 19 66.

R. Keith Higgins
State Reclamation Engineer

IN TESTIMONY WHEREOF, We ROBERT E. SMYLLIE, Governor of the State of Idaho, and LOUIS E. CLAPP, Secretary of State of the State of Idaho, have caused this instrument to be executed in the name of the State of Idaho, and caused the Great Seal of the State of Idaho to be hereunto affixed, this 12 th day of Sept., 19 66.

Countersigned

By

Louis E. Clapp
Secretary of State

STATE OF IDAHO

By

Robert E. Smyllie
Governor.

33138

No. G

PERMIT

Date of first receipt at office of State Reclamation Engineer

August 25, 1966

Returned to applicant for correction 9:15 A.M.

Corrected application received

August 29, 1966 8:00 A.M.

Fees, \$ 7.25

FILING FEES FOR USE PERMIT:

For the first Sec. Ft. \$5.00

For each additional Sec. Ft. or Fraction

Thereof 25

33138

NAME OF APPLICANT *Quali Pak*

Form No. 0

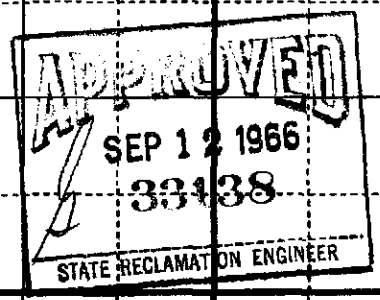
33

34

35

• well

T 8 N
T 7 N



SCALE: 2 Inches Equal 1 Mile. Draw Plan In Ink.

33138

✓ J. 33138
K.O.

31-2427

APPLICATION FOR PERMIT

To Appropriate the Subterranean Waters of The State of Idaho

Application No. G- 41338
Permit No. G- 33138
District No.

1. Name of Applicant: Quality Pak
Postoffice address: Box 382, Rexburg County: Madison State: Idaho
2. Quantity of water claimed:
 - (a) Rate of withdrawal in cubic feet per second 9.6 or Idaho
Miners' inches or gallons per minute 5500
 - (b) Annual withdrawal in acre feet per annum
3. Source of water supply: Subterranean
4. Location of point of diversion or well is in the NE $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Section 34
Twp. 8 N , Rge. 36 E , B.M., County of Jefferson
5. Water is to be used for: irrigation of potatoes, etc.
6. If for municipal, industrial or recreational purposes, give:
 - (a) Point of use of water is in the $\frac{1}{4}$ of the $\frac{1}{4}$ of Section , Twp.
Rge. , B.M.
 - (b) Waste water or sewage effluent is to be returned to
at a point in the $\frac{1}{4}$ of the $\frac{1}{4}$ of Section , Twp. , Rge. , B.M.
7. Kind of works: well and pump
8. Estimated cost of works: \$ 2,000.00 for drilling
9. (a) Is reservoir to be used? no
(b) Capacity of reservoir:
10. The time required for the completion of such work and complete application of the water to the proposed use is
years. 5
11. If applicant is a corporation, give:
 - I. (a) Date and place of incorporation:
(b) Amount of capital stock: \$ (c) Amount paid in: \$
(d) Names and addresses of directors:
 - II. The financial resources of the applicant are (a) Cash on hand: \$
(b) Treasury stock: (c) Bonds to be issued:
(d) Other resources:
12. The land to be irrigated is described in the following tabulation:
13. Existing water rights and/or valid permits appurtenant to the lands to be irrigated are:
 - (a) (cubic feet per second, inches or gallons per minute) of the water herein applied for is to be supplemental to the existing water rights.
 - (b) 5500 (cubic feet per second, inches or gallons per minute) is for new lands.

Twp.	Range	Sec.	NE ¹ / ₄	NW ¹ / ₄	SW ¹ / ₄	SE ¹ / ₄	Totals
			NE ¹ / ₄ NW ¹ / ₄ SW ¹ / ₄ SE ¹ / ₄	NE ¹ / ₄ NW ¹ / ₄ SW ¹ / ₄ SE ¹ / ₄	NE ¹ / ₄ NW ¹ / ₄ SW ¹ / ₄ SE ¹ / ₄	NE ¹ / ₄ NW ¹ / ₄ SW ¹ / ₄ SE ¹ / ₄	
8 N	36 E	33					80
		34			40 40 40 40	40 40 40 40	320
		35			40 40		80
		Total number of acres to be irrigated:					480
LICENSE ISSUED FOR <u>4.3</u> SEC. FT. LICENSE PAGE NO. <u> </u>							

Bridge, Cynthia

From: Bridge, Cynthia
Sent: Tuesday, July 10, 2001 3:51 PM
To: Shaff, Don
Subject: Amended Licenses 31-2429 and 31-2430

Don,

Licenses 31-2429 and 31-2430 have been amended for Golden Linford and Quality Farms, Inc. The period for reconsideration has passed since the Preliminary Order was issued. The changes are now considered to be final.

I have attached copies of the amended licenses for your reference.

Thank you,
Cynthia



Amended License
31-2429.rtf



Amended License
31-2430.rtf



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

DIRK KEMPTHORNE
Governor

KARL J. DREHER
Director

July 11, 2001

QUALITY PAK
PO BOX 382
REXBURG ID 83440

RE: Amended Water Right License 31-02429

Dear Water Right Holder(s):

Enclosed please find an Amended Water Right License issued by the department in reference to the above listed information.

If you have any questions regarding this matter, please call me at 327-7940.

Sincerely,

for Jeff Peppersack, Manager
Water Right Permits Section

JP:klt

Enclosures

cc: John Rosholt
Rosholt, Robertson & Tucker



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

June 20, 2001

DIRK KEMPTHORNE
Governor

KARL J. DREHER
Director

QUALITY PAK
GOLDEN C LINFORD
2120 W 4200 S
REXBURG ID 83440

RE: Preliminary Order in the Matter of Water Right License 31-02429

Dear Permit Holder(s):

The accompanying order is a "**preliminary order**" issued by the department pursuant to section 67-5243, Idaho Code. It can and will become a final order without further action of the department unless a party petitions for reconsideration within fourteen (14) days after issuance as described in the enclosed information sheet.

If you have any questions regarding this matter, please call me at 208-327-7940.

Sincerely,

for Jeff Peppersack, Manager
Water Right Permits Section

JP:klt

Enclosures

cc: John Rosholt,
Rosholt, Robertson & Tucker

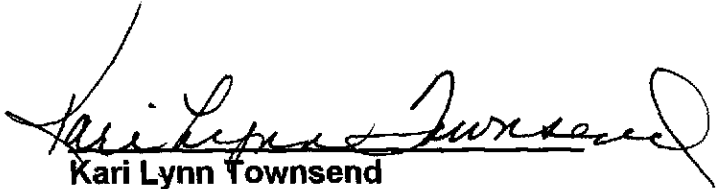
CERTIFICATE OF MAILING

I hereby certify that on the **20th** day of **June, 2001**, I mailed a true and correct copy, certified, postage prepaid, of the foregoing **PRELIMINARY ORDER** to the person(s) listed below:

RE: Preliminary Order in the Matter of Water Right License 31-02429

**QUALITY PAK
GOLDEN C LINFORD
2120 W 4200 S
REXBURG ID 83440**

**JOHN RSHOLT
RSHOLT ROBERTSON & TUCKER
PO BOX 1906
TWIN FALLS ID 83303-1906**


**Kari Lynn Townsend
Secretary**

**EXPLANATORY INFORMATION
TO ACCOMPANY A
PRELIMINARY ORDER**

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

PETITION FOR RECONSIDERATION

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

EXCEPTIONS AND BRIEFS

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

REQUEST FOR HEARING

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

ORAL ARGUMENT

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

CERTIFICATE OF SERVICE

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

FINAL ORDER

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

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

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

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

APPEAL OF FINAL ORDER TO DISTRICT COURT

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

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

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



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

DIRK KEMPTHORNE
Governor

KARL J. DREHER
Director

June 6, 2001

QUALITY PAK
GOLDEN C LINFORD
2120 W 4200 S
REXBURG ID 83440

RE: Water Right License 31-02429

Dear Water Right Holder(s):

Enclosed please find a Preliminary Order Correcting License issued by the department in reference to the above listed information.

If you have any questions regarding this matter, please call me at 327-7940.

Sincerely,

for Jeff Peppersack, Manager
Water Right Permits Section

JP:klt

Enclosure

cc: John Rosholt,
Rosholt, Robertson & Tucker

MICROFILMED
JUN 14 2001

RE: Adjudication Claims: 31-02429, 31-02430
Quality Farms Inc.
Golden C. Linford
2120 W. 4200 So.
Rexburg, Id. 83440

DATA

Water right 31-02429

1966 development side roll sprinkler system

480 acres

200 hp. Pump plus 100 hp. Booster

3300 gpm design 7.37 cfs

Static water depth 42 ft.

1966 application request 9.6 cfs and 480 acre

1969 side roll system replaced by 3 water drive pivots

1976 water drive pivots replaced by electric drive pivots and 100 hp booster replaced by 100 hp. pump and well

Present acreage approx. 450 acres

Summer 2000 Department field exam 3604 gpm = 8.04 cfs

1969 license provided only 1930 gpm or 4.3 cfs

Problem and error

1. No less than 3300 gpm or 7.37 cfs has been pumped since 1966. This is at least 1370 gpm or 3.07 cfs short of 1966 historical use and 1674 gpm or 3.74 cfs since pivots replaced side rolls.
2. Acreage provided is also less than historical use of 480 acres.
3. Three hundred hp pumps have operated on this water right since 1966 until the present.
4. The water volume licensed is less with 300 hp than in water right 31-2430 with 200 hp.

MICROFILMED
JUN 14 2001

MEMORANDUM

To: File 31-2429 & 31-2430

From: Cynthia Bridge

Date: May 3, 2001

This review was initiated by a letter from Golden C. Linford regarding possible errors made in the licensing field exams of the water rights listed above. An additional letter was submitted by Robert R. Lee supporting Mr. Linford's concerns that the water rights were licensed for less than was being pumped at the time of the exam.

Water Right No. 31-2429 (Fields #4, #5, & #6):

- The original permit was allocated 9.6 cfs on 480 acres, while the water right was licensed for 4.3 cfs on 418 acres. Priority date 8/29/66.
- Both letters specify the original system design flow was 7.35 cfs.
- Measurement District exams (8/24/98) document 8.04 cfs on approximately 420 acres.

System & Changes:

- System includes a 200 hp pump for pivots #5 & 6, and 100 hp booster pump for pivot #4.
- System was designed for 3300 gpm (7.35 cfs) for the 200 hp pumps at 210' TDH, and 100 hp pump at 90' TDH.
- The design sheet and pump curves appear to match system design.
- The letters document changes to the system through 1976 (Licensing exam 7/9/69).
 - 1966: System was installed with 5-5 line Trimatics (each nozzled at 660 gpm according to Mr. Lee's letter).
 - 1969: Three valley water drive center pivots replaced the five trimatics. Mr. Lee writes: "The water drive pivots were approximately 1300' long and would have been nozzled for 1100 gpm each to match the pump output of 3300 gpm. The minimum gallonage for a 1300' pivot in the Hamer area would be 1000 gpm, so the 1100 gpm assumption is logical."
 - 1969: Field exam conducted. Recommended 4.3 cfs on 418 acres.
 - 1976: The pivot in field #4 was replaced by a new Electric Valley center pivot and renozzled at 1200 gpm. Pivots at #5 and #6 were replaced and renozzled at 1130 gpm.
- 1998: MD field exam conducted 8/21/98. This field exam cannot be compared to the original license exam due to changes made to the irrigation equipment in 1976. MD exam states that each pivot irrigates approximately 140 acres, or 420 acres total.

MICROFILMED

JUN 14 2001

License Field Exam (7/9/69):

- Exam states: "Q determined upon the basis of sprinkler nozzles size and pressure used. Previously used 14-1/4 mile lat. Now using Raincat and Valley (three units, 640 gpm/unit-650 gpm). 1930 gpm or 4.3 cfs." Three self propelled circle units are noted and the diversion works are described as a 200 hp GE electric motor # BBJ216151, Johnson Vertical Turbine Pump, and 100 hp GE powered booster.
- Examiner does not explain how the rate of flow was determined, however the system evaluated appears to include the system modifications made in 1969.
- 480 acres were permitted and 418 were licensed.

Conclusions:

- The information provided by Mr. Lee and Mr. Linford suggests that the system was designed and upgraded to meet an output flow rate of 3300 gpm.
- There is no explanation in the license exam regarding the determination of the rates, yet there is a large discrepancy between the design flow rate and the rate recorded in the license field exam.
- The field examiner did not provide sufficient information to support the reported diversion rate, while the documentation submitted by the Mr. Lee supports a diversion rate of 7.35 cfs developed in accordance with the permit.
- The department should correct the Water Right License No. 31-2429 to authorize a diversion rate of 7.35 cfs for irrigation purposes.

Water Right No. 31-2430 (Fields #1, #2, & #3)

- The original permit was for 8.0 cfs on 400 acres, while the water right was licensed for 4.63 cfs on 319 acres. Priority date 8/25/66.
- Both letters specify the original system design flow was 5.88 cfs, and changed to 6.40 cfs.
- Measurement District exams (8/24/98) document 6.60 cfs.

System/Changes:

- Original system included a 200 hp deep well pump for fields #1, #2, #3.
- The system was designed for 2640 gpm @ 270' TDH (5.88 cfs).
- Letters document changes to the system through 1976 (Licensing exam 7/9/69).
 - 1966: System installed with four Trimatics nozzled for 2640 gpm (5.88 cfs) for 400 acres.
 - 1969: Trimatics replaced with two Valley drive center pivots on fields #2 & 3 and four hand lines on field #1. Drives "likely" nozzled at 1100 gpm and hand lines at 680 gpm for a total of 2880 gpm (6.40 cfs) according to Mr. Lee's letter. Mr. Linford's letter notes 345 acres were irrigated by this system.
 - 1972: Department Field Exam conducted with a recommendation of 4.63 cfs on 319 acres.

MICROFILMED
JUN 14 2001

- 1976: Valley water drives replaced on #2 & 3 with Valley electric drives nozzled for 1130 gpm with existing hand lines for a total of 2940 gpm (6.53 cfs).
- 1986: Transfer No. 3220 approved January 15, 1986 to add a point of diversion. Well added in the area previously irrigated by hand lines.
- 1998: MD field exam conducted 8/21/98. On field #1, a ¼ mile half-circle pivot was measured at 1.62 cfs on 55 acres with 40 hp well motor (SN 6228/T09T054 R043R-9). Examiner notes: "Appears to be hand lines or wheel lines for map... 11/19/97 Changed to pivot. 1997 55 acres hay." On field #2 and #3, a measurement of 4.97 cfs (about 1115 gpm/pivot) for 280 acres was taken on a well feeding two pivots of approximately 140 acres each.

License Field Exam (9/15/72):

- Examiner used Pitot tube on two pivot lines.
- Examiner describes system as: "200 hp GE Motor SN #BBJ216152 with Johnson Vertical Pump no serial number. 10" discharge north to buried main line east and west. Radius of pivots is 1320'."
- The examiner also referenced attached lists of nozzle sizes, models and flow rates for both pivots. The examiner reported mean pressures and total discharges of 40 psi and 1267.8 gpm for the east pivot, and 35 psi and 810.2 gpm for the west pivot. Forty-three nozzles were listed for the east pivot, and thirty-nine nozzles for the west pivot.
- The examiner reported that 126 acre were irrigated with each pivot.
- No hand lines are mentioned in system description or in calculations, however, the map of irrigated lands shows 67 acres irrigated by lateral lines.
- Total licensed acreage includes 252 acres for the pivots and the additional 67 acres for 319 total irrigated acres.

Notes:

- The examiner measured a flow of 4.63 cfs from the two center pivots. It appears however that the flow from the four hand lines described by Mr. Lee and Mr. Linford was not included in the flow measurements. The 67 acres of irrigated land were included in the total irrigated acreage.
- The examiner did not explain why flow from the hand lines was not included in the total measurement. There is no indication of whether they were being operated at different times than the pivots.
- In his letter, Mr. Linford notes that the pivots are nearly identical yet the flow measurements for each vary in the license exam. There is nothing in the Department field inspection to explain why a different number of nozzles were measured for each pivot, or why the total flow varied.
- Mr. Linford also contests the acreage measured by the license examiner. He states that ASCS maps for 1972 show 140 acres irrigated on both pivots. These photographs should be provided to the department for reconsideration of the irrigated acres reported by the examiner.

MICROFILMED

JUN 14 2001

- Design sheet and curve appear to match original system design. The Motor SN on the design sheet is difficult to read, but appears to match the SN on the license exam. (The curve is for 1770 rpm, and 1775 rpm is noted on the design sheet).
- There are no records of pump modifications other than addition of a well in section 4 as a result of Transfer No. 3220. The original motor SN is provided in the licensing exam, but there are no serial numbers for the original system in the documentation provided by the applicant or the MD exam.
- Mr. Lee writes that the irrigation equipment required a flow rate that was higher than the original design, yet there is no documentation indicating that changes were made to increase the pump capacity.
- There is no documentation indicating why a new well was installed and whether the existing well could not support the required flow capacity (Transfer No. 3220).
- The Measurement District's exam was conducted after the hand lines were replaced with a half-pivot supplied by the new well. Therefore this measurement can not be compared to the license exam. The MD examiner does mention hand lines may previously have been in place.

Conclusions:

- Based on the available information, it appears the field examiner erred by failing to include the diversion rate associated with the sprinkler hand lines.
- The documentation provided by Mr. Linford and Mr. Lee supports a diversion rate of 5.88 cfs developed in accordance with the permit. The letters from Mr. Linford and Mr. Lee state that the original design capacity of the system was 2640 gpm (5.88 cfs), but that the capacity increased with each system improvement. There are no flow measurements provided for the sprinkler hand lines, and there is insufficient evidence to support increases in system capacity beyond the original design.
- The license does not accurately portray the water use developed by the water right holder in accordance with Permit No. 33139. Based on the evidence, it would be reasonable to change the licensed rate to the original design flow of 2640 gpm or 5.88 cfs.

MICROFILMED

JUN 14 2001

Dear Norm: 3/24/01

As I mentioned to you, Senen Becker is also preparing a statement and indicated he would have it to you soon.

RECEIVED

MAR 27 2001

Sharon Department of Water Resources

Golden

3/27/01

Jeff —

After discussing with Linfred & reviewing the file I agreed we would re-evaluate — This includes sending Rosholt from a copy of the request. Please follow up.

WCG

MICROFILMED

JUN 14 2001

Golden C. Linford
2120 West 4200 South
Rexburg, Id. 83440
March 19, 2001

Norman C. Young
Department of Water Resources
1301 North Orchard St.
Boise, Id. 83706-2237

RE Water Rights 31-02430 and 31-02429

Dear Norm:

These licenses are incorrect using faulty field exam data and need to be amended.

Water right 31-02430 located Jefferson County in Sec. 3 and 4 T 7 N R 36E

This land was developed from sage brush in 1966 using a side roll irrigation system on 400 acres with a 200 H.P. pump supplying 2640 gpm or 5.90 cfs according to installers design which is enclosed. Our application to the Department in 1966 was for 8.0 cfs on 400 acres. The 1966 ASCS fly over map shows this development with 400 acres.

In 1969 the side roll irrigation system was replaced by two Valley pivots on 280 acres plus hand lines on approximately 65 acres making a total of 345 acres. These two pivots called for a minimum of 1100 gpm each and the hand lines at least 650 gpm making a total of not less than 2850 gpm or 6.36 cfs. We did not reduce the flow when the change to pivots was made.

The 1972 field exam resulting in the license was faulty and inconsistent in pressures, number of nozzles and total water volume as well as acreage.

These were near identical pivots with the examiner showing one with 810 gpm and the other 1268 gpm for a total of 2078 gpm or 4.63 cfs. Of Note: he had the up hill pivot with the greater volume than the down hill pivot. If one had more than the other the opposite would be expected.

Another inconsistency is the examiner's reporting only 319 acres. He shows only 126 acres per pivot and 67 acres under hand lines. The field examiner's maps show the pivots plus the 67 acres being irrigated with lateral lines but does not provide any water to be licensed on the 67 acres. This is a glaring oversight.

His report of 126 acres per pivot is inconsistent with the field exam on 31-02429 in 1969 which showed 140 acres per pivot with the same length pivots.

MICROFILMED

JUN 14 2001

The ASCS fly over maps also show 140 acres on all pivots at the time of the field exams.

At the time of the field exam and in the years before, crops were irrigated adequately but could not have come close to adequacy with the 4.63 cfs provided by the license.

The recent Department field exam in 2000 indicate 2958 gpm or 6.60 cfs. This is consistent with the actual volume in 1972 and every year before and since for that matter.

Water right 31-02429 located in Jefferson County in Sec. 33, 34, 35 T 8 N R36E

This land was also developed from sage brush in 1966 using the side roll system on 480 acres with a 200 hp pump and 100 hp booster pump supplying 3300 gpm or 7.37 cfs according to the system design enclosed.

In 1969 the side roll irrigation system was replaced by 3 Valley pivots which would use the same 3300 gpm as before covering about 420 acres.

The 1969 field exam indicates only 643 gpm per pivot for a total of 1930 gpm or 4.3 cfs. He does not show how he arrived at this figure but it is incorrect and inadequate. Crops could not be grown with this flow in Hamer's sandy soil. The same 300 hp was still in place, we had adequate water for crops and we certainly did not reduce flows.

The Departments 2000 field exam indicated that 3604 gpm's or 8.04 cfs were being pumped with the same 300 h.p.

Another very real inconsistency is the comparison between the two licenses and the water allocated. The system with 200 hp is licensed for more than the one with 300 hp even though the 200 hp pump has a higher lift of nearly 20 ft.

Hopefully, this information is indicative of substantial errors being made by the Department and that amendments are in order. Your help will be greatly appreciated.

Sincerely,



Golden C. Linford

MICROFILMED

JUN 14 2001

31-02429



JOHNSTON PUMP COMPANY

IDAHO FALLS, IDAHO

PUMP RECORD

Date: 4-12-66
Written By: JRE

Name:

Quality Pack ISI

Location of Pump:

HAMER

(North Well)

Make of Pump:

Johnston

Serial No.:

JV-14028

Well Depth:

134'

Casing Size I.D.:

20" OD

Static Water Level:

37'

Well Test:

Driver:

ELECT

H.P.:

220

Frame No.:

628514

Make: GE

Model:

K628514

Serial No.:

151216151

R. P. M.:

1775

Volts:

440 / 236 Amps

Upper Brg. #:

Lower Brg. #:

C.D.:

N.R.R.:

es:

No:

GEAR Drive:

H.P.:

Ratio:

Frame No.:

Model:

Make:

Serial No.:

N.R.R.:

es:

No:

C.D.:

Discharge Head:

A

Base Dia:

10"

Register Dia:

4 1/2"

Discharge Size:

10"

Tube Nipple Size & Length:

2 1/2" x 59 1/2"

Head Shaft Size:

1 1/2"

Length:

18 1/2"

K. W. Size & Length:

3/8 x 9"

Oil or Water:

Length of Head Shaft from Top of Clutch to Top of Shaft:

Column Total Length:

95'

Col. Size & Length:

10" x 20"

Straight or Taper:

Tube Size & Length:

2 1/2" x 20"

Tube R or L:

Shaft Size:

1 1/2"

Shaft Length:

20"

Shaft Threads Per Inch:

Make Bowls:

Johnston

No:

Stages:

Size OD.:

16 CMC

Impeller Dia.:

11 3/4"

Tube Stickup:

Shaft Stickup:

Tube Threads Per Inch:

Suction:

4" S

Size:

1"

Length:

6"

No. Thds. Per Inch:

Strainer:

4" S

Size:

1"

Type:

CORR

Miscellaneous:

ONE

TO

TID

BEARING

AFT

Bowl

ONE

TO

TID

BEARING

AFT

Bowl

AT

THE

NIPPLE

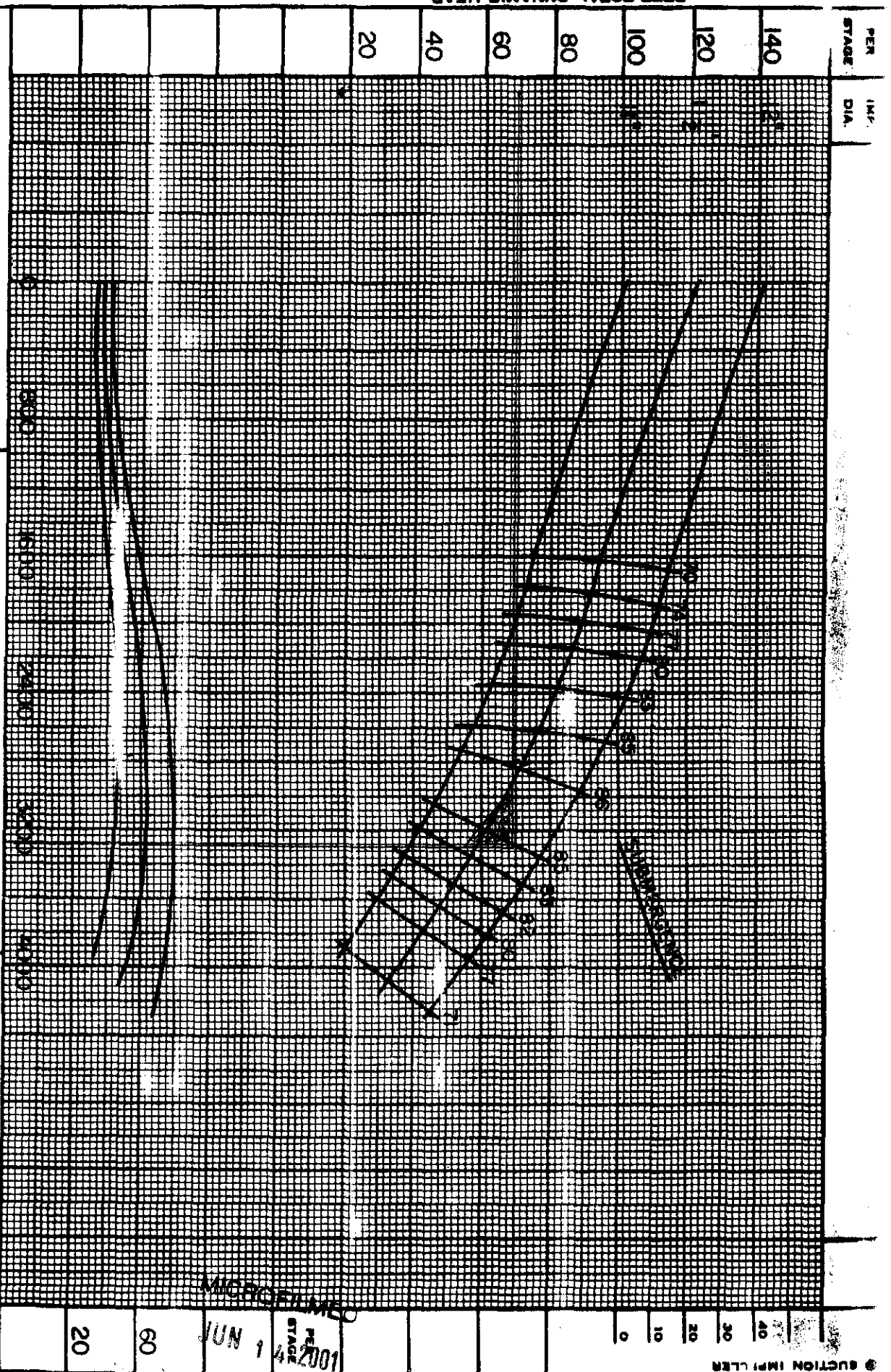
IS

Alls Printer:

MICROFILMED

JUN 14 2001

FEET N.P.S.M. REQUIRED
@ SUCTION IMPELLER



PERFORMANCE BASED ON MULTISTAGE TESTS
PUMPING CLEAR COLD WATER SP. GR. 1.0

FOR 1 STAGE MULTIPLY HEAD & EFF. BY **.97**

FOR **3** STAGES MULTIPLY MD. & EFF. BY **.99**

DATE **7-26-65**

JOHNSTON PUMP COMPANY
Glendora, California
ESTABLISHED 1906

16CMC TURBINE PUMP
IMPELLER — BRONZE
BOWL — CAST IRON

CURVE SHEET NO **10246**

R.P.M. **1770**

MICROFILMED
JUN 1 1966
10074
RE
STAGE

JOHNSTON PUMP COMPANY

PASADENA, CALIFORNIA

JP-160-A TOM 11/65-CBP

QUOTE NO. 44-1465
 INQUIRY NO. _____
 QUOTED BY. JPW
 PAGE _____
 DATE 3-15-66
 WELL I. DIA. _____ INCHES
 HEAD ABOVE _____ FEET
 HEAD BELOW _____ FEET
 COL. FRICT. LOSS _____ FEET
 TOTAL HEAD _____ FEET

CUSTOMER Quincy Park
 DEALER Booster Pump
 APPLICATION _____

WHAT IS REQUIRED:

PUMP CAPACITY: 3710 GPM 82 HEAD 1760 RPM PUMP SETTING _____ FT.

NO. UNITS _____ LIQUID _____ SP. GRAVITY VISC. _____

PUMP BOWL ASSEMBLY _____ CURVE NO. _____ EFF. % _____ RPM _____

STAGES _____ X _____ FT. = _____ LAB. HD. FT. _____ GPM _____ X _____ HEAD _____ X _____ SPEC. GR. = _____ HP
 3960 X EFF.

PPELLER DATA A. THRUST _____ K X _____ TDH X SP. GR. = _____ LBS.

SHAFT LOSS = _____ HP
 (SECT. 2C)

MATERIALS AFFECTING PERFORMANCE B. SHAFT WT/FT. _____ X LENGTH FT. = _____ LBS.

C. A + B = TOTAL THRUST = _____ LBS. X .0075 HP LOSS/100 RPM/1000 LBS. = THRUST LOSS _____ HP

TOTAL HP _____

QUAN.	UNIT	DESCRIPTION							LIST PRICE	% DISC.	NET PRICE	WEIGHT		
1	ELECTRIC MOTOR	H.P.	PHASE	CYCLES	VOLTS	R.P.M.	V.S.S.							
		100	3	60	440	1760	V.H.S.	✓						
	DIMENSION BD = 16	ENCLOSURE DP	N.R.R. No	THRUST ST	W-TT									
	COUPLING													
	MOTOR STARTER	NEMA SIZE NEMA ENCLOSURE		H.P.	VOLTS	P.B. DATA								
	GEAR DRIVE	MAKE	MODEL		RATIO		TYPE OF CLUTCH							
	FLEXIBLE SHAFT ASSEMBLY	WATSON-SPICER MODEL							LONG					
FLANGES				BORE	X		KEYWAYS							
				BORE	X		KEYWAYS							
1	DISCHARGE HEAD ASSY.	TYPE	AB		SURFACE	✓	OIL	✓	COMP FLO					
		16 1/2 x 10		UNDERGRD.		WATER	X							
5	FT. COL. ASSEMBLY	OIL	WATER	COLUMN SIZE		TUBE SIZE		SHAFT SIZE						
			X	10				1 1/2						
1	PUMP BOWL ASSEMBLY	SIZE	16		TYPE	CH		NO. STAGES	IMP. DIA.					
								1	F					
	FT. SUCTION PIPE	SIZE				T.B.E.		T.O.E.						
	SUCTION STRAINER	SIZE				CONE		BASKET						
	FT. DISCH. PIPE	SIZE				T.B.E.		T.O.E.						
	GAUGE & FITTINGS	AND	FT. OF	GALVANIZED		OTHER								
			AIRLINE											
1	Add For BGL													
	P.L.D.													
	P.L.A.													
1	Surge Pump													
1														

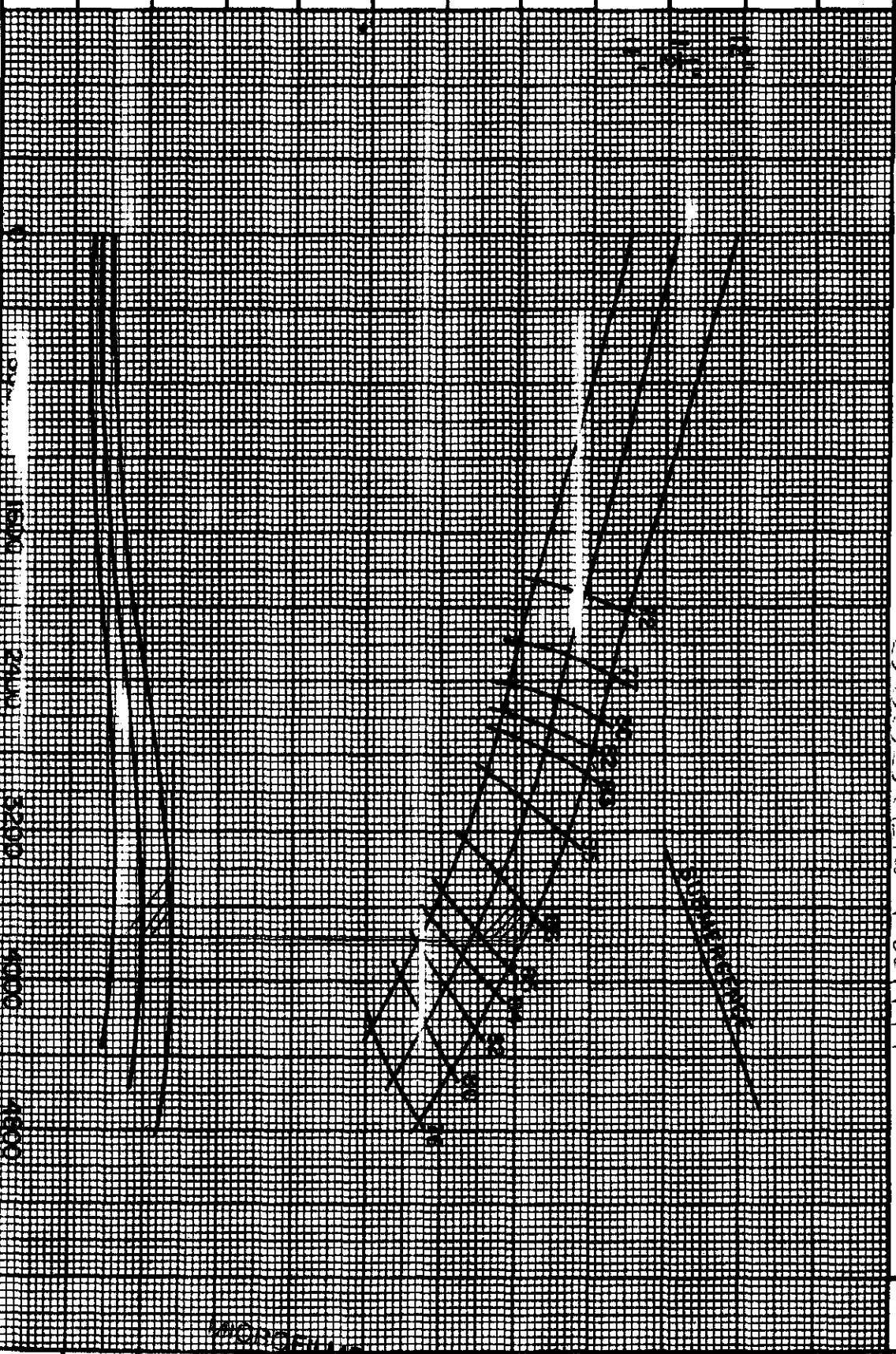
MICROFILMED

JUN 14 2001

FEET TOTAL DYNAMIC HEAD

PER
STAGE
IMP.
DIA.

140
120
100
80
60
40



Booster Pump

PERFORMANCE BASED ON MULTISTAGE TESTS
PUMPING CLEAR COLD WATER SP. GR. 1.0
FOR 1 STAGE MULTIPLY HEAD & EFF. BY
FOR 3 STAGES MULTIPLY HD. & EFF. BY

3

.97

.99

DATE

7 - 26 - 65



U.S. GALLONS PER MINUTE

16CHC

TURBINE PUMP

IMPELLER - BRONZE

1770

R.P.M.

BOWL - CAST IRON

CURVE SHEET NO

10250

FEET N.P.S.M. REQUIRED

RECEIVED

APR - 2 2001

DEPARTMENT OF WATER RESOURCES

March 30, 2001

Norm Young
Administrator
Idaho Department of Water Resources
1301 North Orchard St
Boise, Idaho 83706

Dear Mr. Young:

I'm writing concerning water rights 31-02429 and 31-02430 owned by Golden Linford of Quality Farms, Inc.

Mr. Linford has asked me to analyze the above water rights because my company did business with him, and I am a civil engineer. He asserts the water rights are for far less than he has been pumping since the pumps were installed in 1966. Since 1966, Quality Farms, Inc. has also used the names Quality Pak and Premium Produce. However, numbering of fields on center pivots has been the same. Therefore, data for a numbered pump or center pivot is pertinent even though the farm name is different. The attached map shows the numbering of the center pivots on fields' pivots 4,5, and 6 with the 200 H.P. pump and the 100 H.P. booster pump pertain to water right number 31-02429. Pivots 1,2, and 3 with a 200 H.P. pump which pertain to water right number 31-02430.

1. Water right 31-02429: Issued in 1969 for 4.3 cfs.

- (a). The original irrigation project installed in 1966 for fields #4, #5, and #6 included 5-5 line Trimatics nozzled for 660 gpm each (3300gpm). The design sheet is enclosed.
- (b). A 200 H.P. deep well pump and a 100 H.P. booster pump were installed. The 200 H.P. pump was designed to do 3300 gpm at 210' TDH. The 100 H.P. booster pump was designed to do 3300 gpm at 90' TDH
- (c). A review of pump sheets and pump curves show that a 3 stage, 11 3/4" trim, 16 CMC Johnston pump and a 200 H.P. GE motor were installed to produce the design head of 210'. The booster pump installed was a 1 stage, 16 CHC impellor, full trim, with a 100 H.P. motor to produce 3300 gpm at 90' TDH. The pump sheets are enclosed.
- (d). In 1969 the 5 Trimatics were replaced by three valley water drive center pivots purchased from Gem State Irrigation in Rexburg. The water drive pivots were approximately 1300' long and would have been nozzled for 1100 gpm each to match the pump output of 3300 gpm. The minimum gallonage for a 1300' pivot in the Hamer area would be 1000 gpm, so the 1100 gpm assumption is logical. There is no record of the pumps being changed.

MICROFILMED

JUN 14 2001

(e). In 1976, two new electric valley center pivots replaced two of the old water drive at location #2 and #4. Attached is the sprinkler chart for the #4 pivot showing a gpm of 1200. #5 and #6 were also replaced and they were nozzled for 1130 gpm each for a total of 3460 gpm. See enclosed calculation sheet. That amount is close to the 3300 gpm design of the pumps. The circles performed well and did not lack pressure.

The available evidence for #4, #5, and #6 fields shows that the original pump design was for 3300 cfs and subsequent changes in irrigation equipment allowed the pumps to produce more. The water right license should have been for at least 7.37 cfs rather than 4.3 cfs. The examiner made a serious error. The summer 2000 field exam by the IDWR showing 8.04 cfs. However, the license should be awarded to show 7.3 cfs (3300 gpm) to reflect the amount pumped in 1969.

2. Water Right 31-02430-4.63 cfs: Issued in 1969 for 4.63 cfs.

- (a). The original irrigation project installed in 1966 for fields #1, #2 and #3 included 4 Trimatics nozzled for 660 gpm each for a total of 2640 gpm. The design sheet is attached.
- (b). A 200 H.P. deep well pump was designed to do 2640 gpm @ 270' TDH. The attached pump sheet shows that a 3 stage 16CHC impeller with 1 1/2" trim was installed to do 2640 gpm @ 270' TDH with a 200 H.P. GE motor.
- (c). In 1969 the four Trimatics were replaced by two Valley water drive center pivots on fields 2 and 3 and with four 1/4 mile hand lines for field #1. The water drives were likely nozzled for 1100 gpm each to match the pump output. The four handlines for 80 acres in field #1 required 170 gpm each for a total of 680 gpm for the four lines. Therefore, the total gpm pumped was 2880 gpm or 6.40 cfs.
- (d). In 1976, the Valley water drives for #2 and #3 were replaced with Valley electric drives which were nozzled for 1130 gpm each as previously explained for water right 31-02429. Therefore, the total amount pumped at that time would have been 2940 gpm or 6.53 cfs.

The available evidence for fields #1, #2, and #3 shows that the original pump design was for 2640 gpm (5.90 cfs). In 1969 a change in irrigation equipment required a flow of 2880 gpm (6.40 cfs). In 1976, irrigation equipment was installed which required 2940 gpm (6.53 cfs). The Department's field examination was conducted in 1969 and showed only 2074 gpm being used or 4.63 cfs. That obviously is in error and license 31-02430 should reflect the amount used in 1969 which was 6.40 cfs. The Department's 2000 field exam showed the amount pumped to be 6.60 cfs.

To further verify the error of the field examinations, consider the fact that license 31-02429 for 300 H.P. and 480 acres is 4.3 cfs whereas license 31-02430 for 200 H.P. and 400 acres is 4.63 cfs. These are for adjacent fields and it is clear that more water is required for 480

MICROFILMED

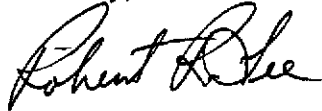
JUN 1 2001

Norm Young
Page 3
March 30, 2001

acres than for 400 acres.

In summary, water right 31-02429 should be amended to be 7.33 cfs and water right 31-02430 should be amended to be 6.40 cfs. The original irrigation design, the pumps installed and the irrigation equipment installed all verify the need for the license to be amended as recommended.

Sincerely,

A handwritten signature in cursive script, appearing to read "Robert R. Lee".

Robert R. Lee

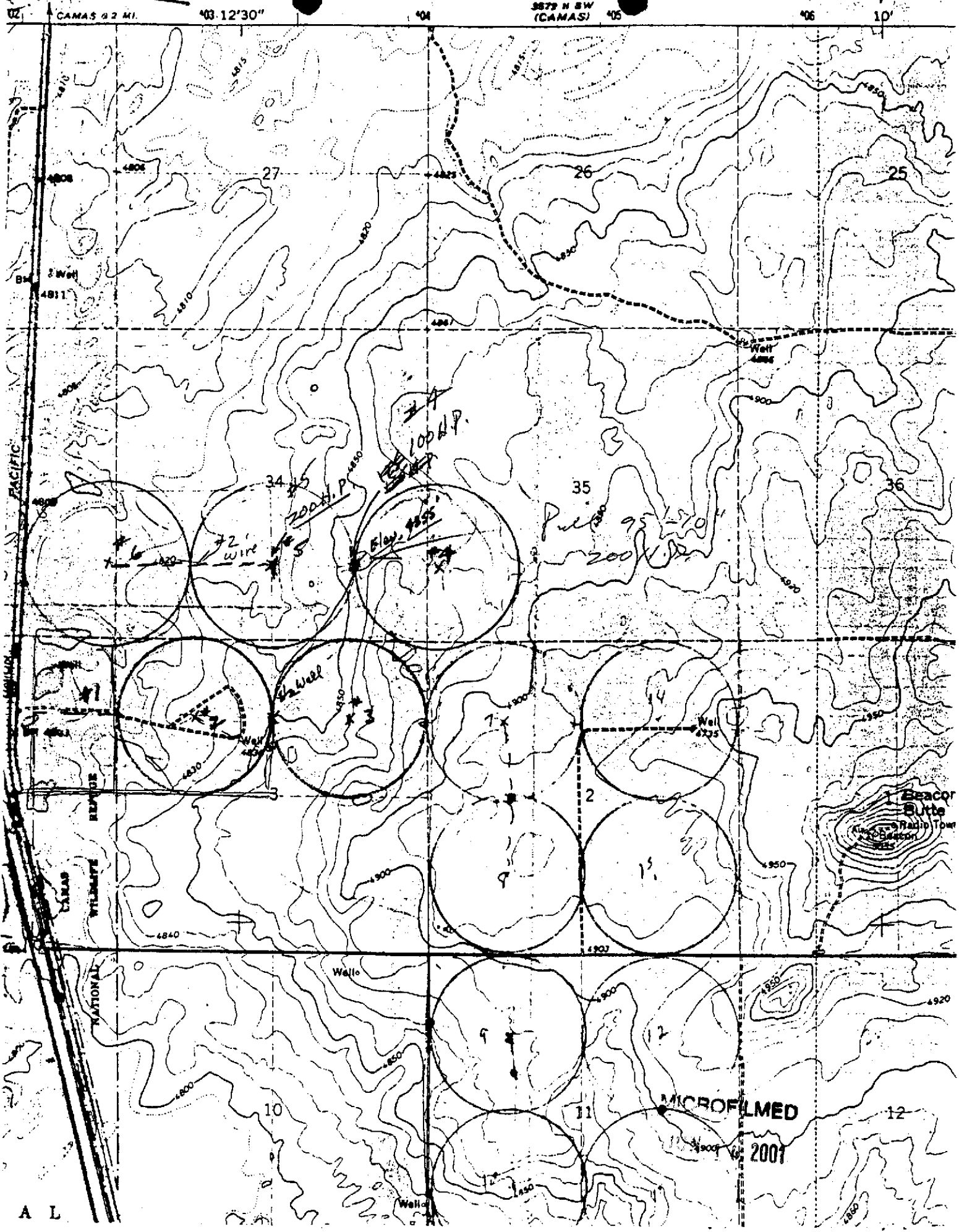
cc: Golden Linford

RRL:ms

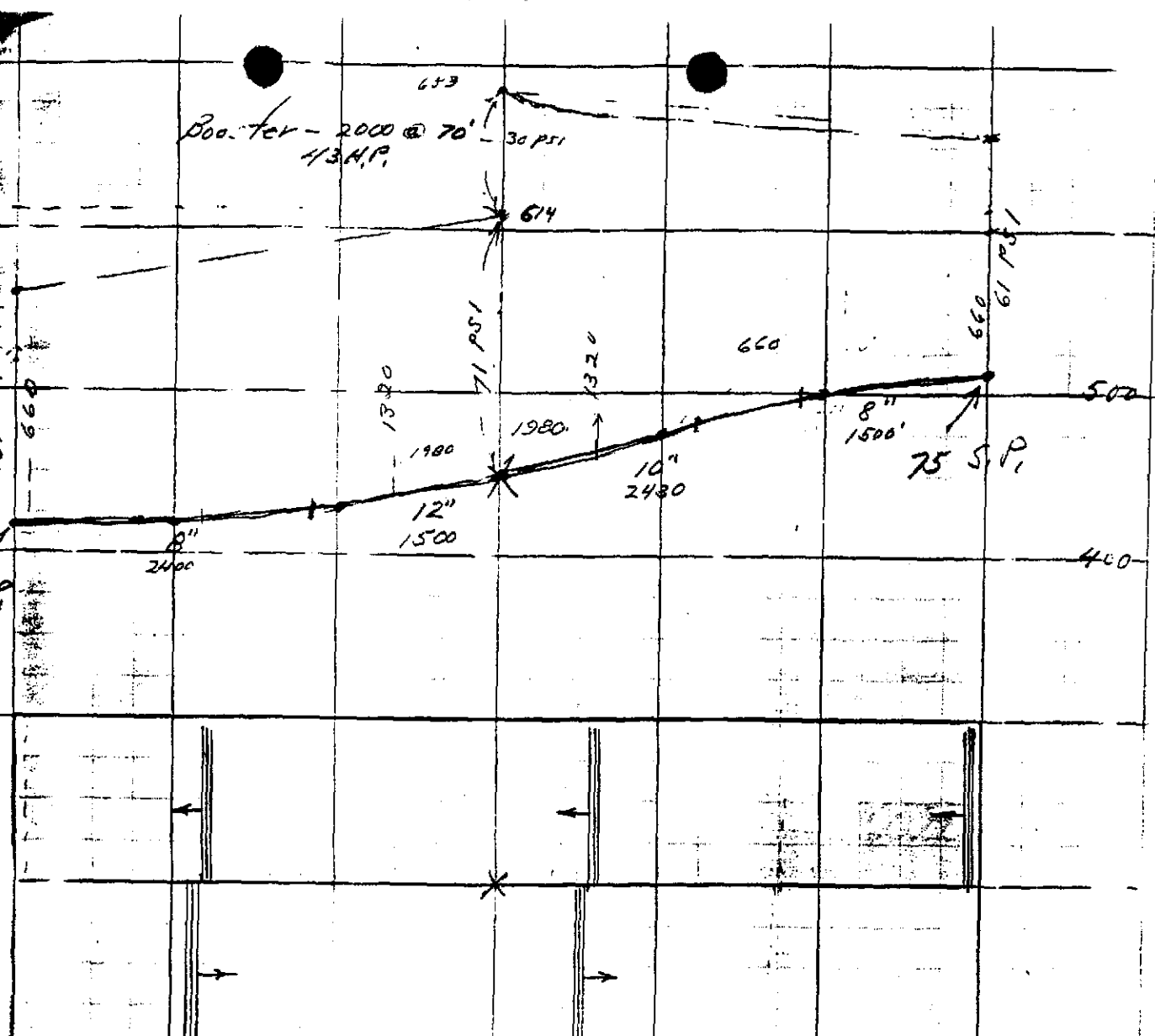
MICROFILMED

JUN 14 2001

From Kootenai (GMA 1171AR) #4, 1171AR



A L



Water Requirement
 5-5 line Trumatics
 @ 660 gpm @ 3300 gpm
 Pump in Well: 3-16 CLC
 Will deliver 3300 @ 210 TDH
 Column Friction 8
 Suction Lift 38
 Pressure Head $\frac{164}{210} = 71 \text{ PSI}$

MICROFILMED
 JUN 14 2001

Quality Pac
 North Pump



JOHNSTON PUMP COMPANY

IDAHO FALLS, IDAHO

PUMP RECORD

Date: 7-12-66

Written By: AKC

Name: Quality Pack ISI

Location of Pump: HAMER (North Well)

Make of Pump: Johnston

Serial No.: 14-14028

Well Depth: 164'

Casing Size I.D.: 20" O.D.

Static Water Level: 37'

Well Test:

Driver: ELECT. H.P.: 200 Frame No.: 6285XY Make: GE

Model: 1-223-521 Serial No.: 1-14141 R. P. M.: 1775 Volts: 440/1-231

Upper Brg. #: Lower Brg. #: C.D.:

N.R.R.: es: No:

GEAR Drive: H.P.: Ratio: Frame No.:

Model: Make: Serial No.:

N.R.R.: es: No: C.D.:

Discharge Head: A Base Dia: 4 1/2" Register Dia: 4 1/2" Discharge Size: 10"

Tube Nipple Size & Length: 2 1/2" 7' 1/2"

Head Shaft Size: 1 1/2" Length: 7' K. W. Size & Length: 3/8 x 9" Oil or Water:

Length of Head Shaft from Top of Clutch to Top of Shaft:

Column Total Length: 95' Col. Size & Length: 10" x 20" Straight or Taper:

Tube Size & Length: 2 1/2" x 20' Tube R or L: Shaft Size: 1 1/2" Shaft Length: 22'

Shaft Threads Per Inch:

Motor Bowls: Johnston No Stages: 3 Size O.D.: 16 CMC Impeller Dia: 11 3/4"

Tube Stickup: Shaft Stickup:

Tube Threads Per Inch:

Suction: 4" Size: 4" Length: 6" No. Thds. Per Inch:

Strainer: S Size: 1" Type: CORR

Miscellaneous:

ONE TO THE BEARING AT THE WELL

ONE " " " " AT THE WELL

File Printing:

MICROFILMED

JUN 14 2001

INQUIRY NO. _____

QUOTED BY zfw

PAGE _____

DATE 3-15-66

WELL I. DIA. _____ INCHES

HEAD ABOVE _____ FEET

HEAD BELOW _____ FEET

COL. FRICT. LOSS _____ FEET

TOTAL HEAD _____ FEET

CUSTOMER Quality Pack
 DEALER Booster Pump
 APPLICATION _____

WHAT IS REQUIRED:

PUMP CAPACITY: 3710 GPM 82 HEAD 1760 RPM PUMP SETTING _____ FT.

LIQ. UNITS _____ LIQUID _____ SP. GRAVITY VISC. _____

PUMP BOWL ASSEMBLY _____ CURVE NO. _____ EFF. % _____ RPM _____

TAGES _____ X _____ FI. = _____ LAB. HD. FT. _____ GPM _____ X _____ HEAD _____ X _____

PPELLER DATA A. THRUST _____ K X _____ TDH X SP. GR. _____ = _____ LBS.

MATERIALS AFFECTING PERFORMANCE B. SHAFT WT/FT. _____ X LENGTH FT. _____ = _____ LBS.

C. A + B = TOTAL THRUST _____ = _____ LBS. X .0075 HP LOSS/100 RPM/1000 LBS. = THRUST LOSS _____ HP

SPEC. GR. = _____ HP
SHAFT LOSS = _____ HP
(SECT. 2C)

TOTAL HP _____

TOTAL HP												
QUAN.	UNIT	DESCRIPTION							LIST PRICE	% DISC.	NET PRICE	WEIGHT
1	ELECTRIC MOTOR	H.P.	PHASE	CYCLES	VOLTS	R.P.M.	V.S.S.					
	100	3	60	440	1760	V.M.S.	✓					
	DIMENSION BD = 16	ENCLOSURE DP	N.R.R. No	THRUST ST	W-TT							
	COUPLING											
	MOTOR STARTER	NEMA SIZE NEMA ENCLOSURE		H.P.	VOLTS	P.B. DATA						
	GEAR DRIVE	MAKE	MODEL	RATIO	TYPE OF CLUTCH							
1	FLEXIBLE SHAFT ASSEMBLY	WATSON-SPICER MODEL										
	FLANGES			BORE	X	KEYWAYS						
				BORE	X	KEYWAYS						
1	DISCHARGE HEAD ASSY.	TYPE AB	SURFACE	✓	OIL	✓	COMP FLO					
		16 1/2 x 10	UNDERGRD.		WATER	X						
5	FT. COL. ASSEMBLY	OIL	WATER	COLUMN SIZE	TUBE SIZE	SHAFT SIZE						
			X	10		1 1/2						
1	PUMP BOWL ASSEMBLY	SIZE 16	TYPE CHC	NO. STAGES 1	IMP. DIA. F							
	FT. SUCTION PIPE	SIZE		T.B.E.	T.O.E.							
	SUCTION STRAINER	SIZE		CONE	BASKET							
	FT. DISCH. PIPE	SIZE		T.B.E.	T.O.E.							
	GAUGE & FITTINGS	AND	FT. OF AIRLINE	CALVANIZED	OTHER							
1	Add For B/L											
1	F-10											
1	F-1A											
1	F-1C											
1	F-1D											

MICROFILMED

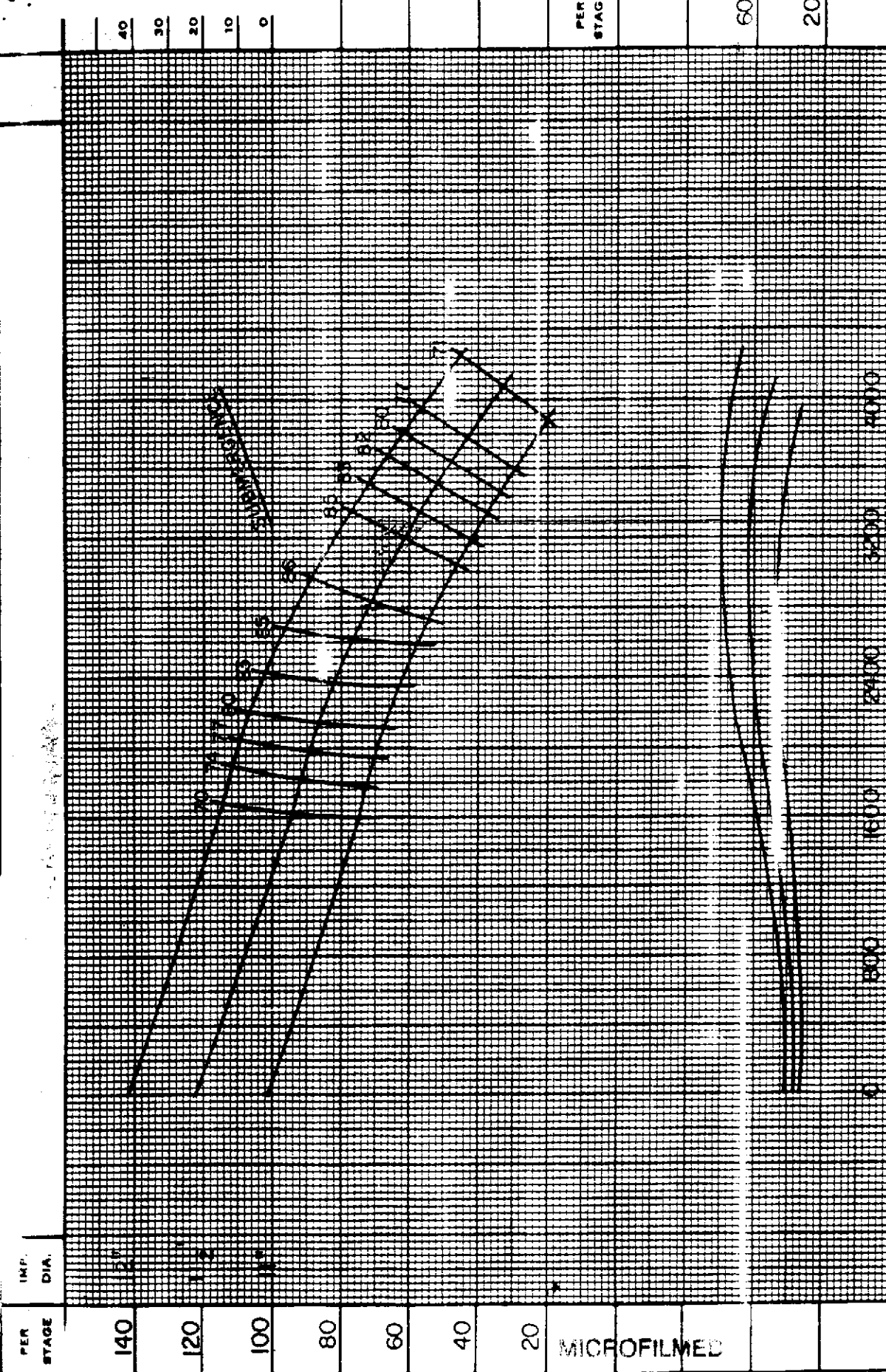
MICROFILMED

JUN 14 2001

FEET N.P.S.H. REQUIRED

BRAKE HORSE POWER

● SUCTION IMPELLER



MICROFILMED

FEET TOTAL DYNAMIC HEAD

PERFORMANCE BASED ON MULTISTAGE TESTS
PUMPING CLEAR COLD WATER SP. GR. 1.0

FOR 1 STAGE MULTIPLY HEAD & EFF. BY .97

FOR 3 STAGES MULTIPLY HD. & EFF. BY .99

DATE 7-26-65

U.S. GALLONS PER MINUTE



JOHNSTON PUMP COMPANY

Glendale, California
ESTABLISHED 1909

16CMC

TURBINE PUMP

IMPELLER — BRONZE

BOWL — CAST IRON

1770

R.P.M.

CURVE SHEET NO

10246

BRAZIL GREENPOWER

FREE TOTAL DYNAMIC HEAD

108 PSI

61 PSI

120' S.P.

75' S.P.

500

400

Pipe Distr. O.K.

Water Requirement

4-5 line irrigation

@ 660 gpm = 2640 gpm

Pump in Well 3-1/2" C/LC

Will deliver 2640 @ 270' T.L.

Column Friction 6

Suction Lift 60'

Pressure Head $\frac{204}{270} = 88.1$

MICROFILMED

Quality Pac
South Well



JOHNSTON PUMP COMPANY

IDAHO FALLS, IDAHO

PUMP RECORD

Date: April 2, 1966
Written By: Dennis Jessup

Name: Quilley Park

Location of Pump: 3 miles North of Home, 1 mile East (South well)

Make of Pump: Johnston

Serial No.: JY 14029

Well Depth: 159'

Casing Size I.D.: 20"

Static Water Level: 60'

Well Test:

Drive: Electric H.P.: 300 Frame No.: 6285VY Make: GE

Motor: 5K6235V069A Serial No.: 28521152 R. P. M.: 1775 Volts: 440

Upper Brg. #: 62852265 Lower Brg. #: 2292234P20 C.D.:

N.R.: Yes: No: X

GEAR Drive: H.P.: Ratio: Frame No.:

Model: Make: Serial No.:

N.R.: Yes: No: C.D.:

Discharge Head: Base Dia: 30" Register Dia: Discharge Size: 10"

Tube Nipple Size & Length: 2 1/2" x 59 1/2"

Head Shaft Size: Length: K. W. Size & Length: Oil or Water: oil

Length of Head Shaft from Top of Clutch to Top of Shaft:

Column Total Length: 95' Coll. Size & Length: 10" x 20" Straight or Taper: straight

Tub Size & Length: 2 1/2" x 5' Tube R or L: Shaft Size: 1 1/2" Shaft Length: 20'

Sha. Threads Per Inch:

Mal. Bowls: Johnston No. Stages: 3 Size O.D.: 14-62 Impeller Dia.: 11 1/2"

Tub Stickup: 10" Shaft Stickup: 20" CHC 7-111

Tub Threads Per Inch:

Suction: Size: None Length: No. Thds. Per Inch:

Strainer: Size: 10" Type: Cone Mesh

Miscellaneous: 10 to 12 thread adapter Bounding at base and tube nipple

Falls Printing

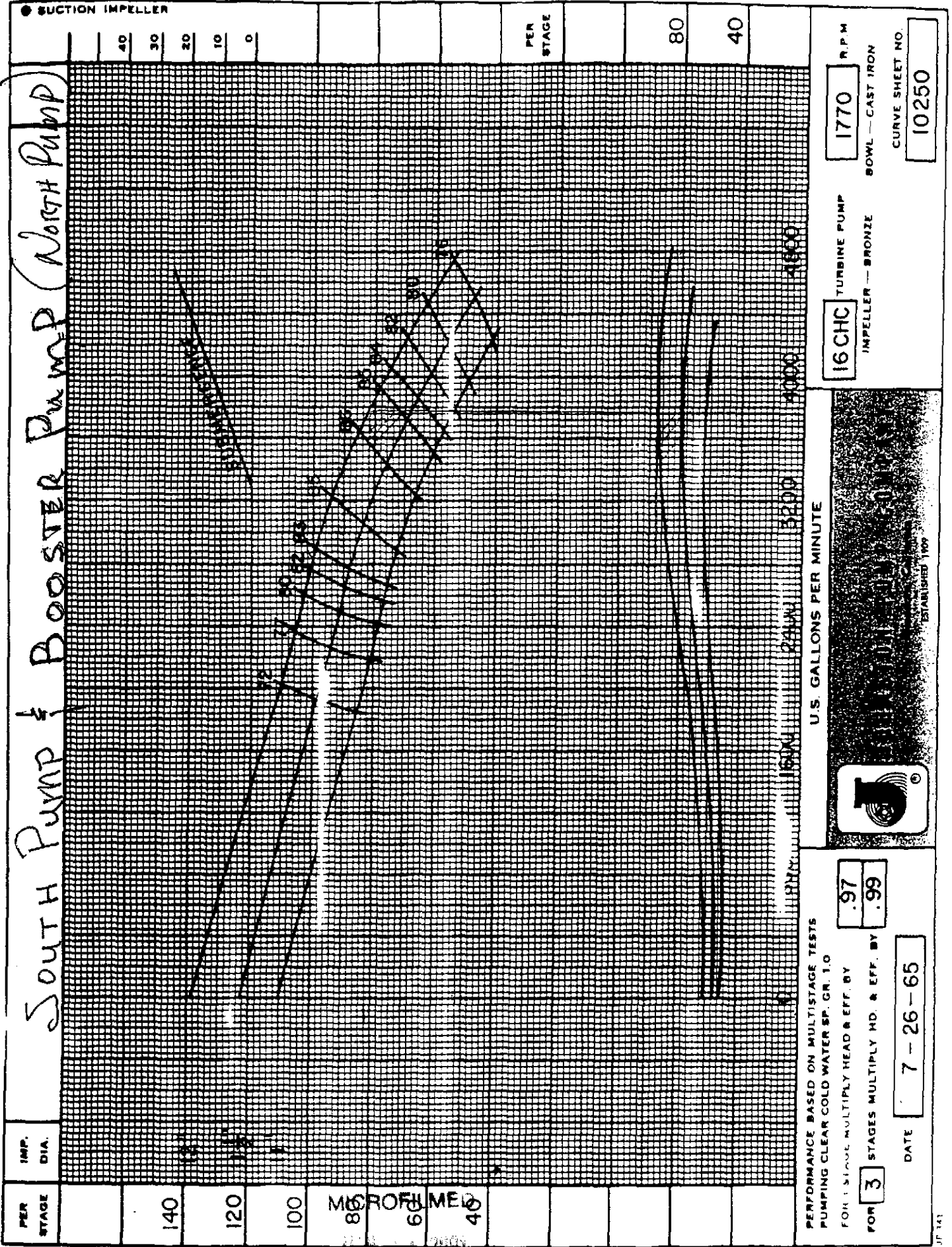
MICROFILMED

APR 11 1966

FEET N.P.S.H. REQUIRED

BRAND HORSEPOWER

● SUCTION IMPELLER



1770 R.P.M.
BOWL - CAST IRON
CURVE SHEET NO. 10250

16CHC TURBINE PUMP
IMPELLER - BRONZE



U.S. GALLONS PER MINUTE

PERFORMANCE BASED ON MULTISTAGE TESTS
PUMPING CLEAR COLD WATER SP. GR. 1.0
FOR 1 STAGE MULTIPLY HEAD & EFF. BY

.97
.99

FOR 3 STAGES MULTIPLY HD. & EFF. BY

DATE 7-26-65

FEET TOTAL DYNAMIC HEAD

Drilling Permit No. 31-E-D10Water Right Permit No. 2434Injection Permit No. 22-24331-243031-2429State of Idaho
Department of Water Resources

APPLICATION FOR DRILLING PERMIT

Department of Water Resources
Eastern District OfficeApplicant (please print) Quality Farms IncMailing Address 2120 West 4200 South, Rexburg 83440Telephone 356-7220☒ Well Owner () Well Operator () Other, specify _____Proposed well location SE 1/4 SE 1/4, or Gov't Lot No. _____Sec. 34, Twp. 8N, Rge. 36E, County Jefferson

Street Address of Well Site _____

Lot, block and subdivision _____

1. Proposed use of well:

- ☐
- Domestic: The use of water for homes, organization camps, public campgrounds, livestock and for any other purpose in connection therewith, including irrigation of up to 1/2 acre of land, if the total use is not in excess of 13,000 gpd; or any other uses, if the total use does not exceed a diversion rate of 0.04 cfs and a diversion volume of 2500 gpd.

Domestic does not include water for multiple ownership subdivisions, mobile home parks, commercial or business establishments, unless the use does not exceed a diversion rate of 0.04 cfs and a diversion volume of 2500 gpd.

- ☒
- Non-Domestic: Any beneficial use not included within the definition of domestic.

- ☐
- Injection

- ☐
- Monitoring - A well bore schematic and map is required for each well.

No. of proposed wells: _____

5. Well construction information:

- A.
- ☐
- New well
- ☒
- Deepen
- ☐
- Replace - See Condition 9

B. Proposed Surface Diameter 16' Proposed Maximum Depth 150'

C. Anticipated bottom hole temperature:

- ☒
- 85°F or less (Cold water well)
-
- ☐
- 85°F to 212°F (Low temp. geothermal well)
-
- ☐
- 212° or more (Geothermal well)

3. Construction Start Date 18 February 19917. Anticipated Well Driller Howell Well Drilling
NOTE: The actual well driller must be identified prior to drilling.

MICROFILMED

3. Applicant's signature Robert C. LinderDate 2003/12/11Title President, Quality Farms Inc

(Owner, Firm Representative, Other)

ACTION OF THE DEPARTMENT OF WATER RESOURCES

This Permit is Approved Date 3/19/91

approved, this permit authorizes the construction or modification of a well subject to the following conditions. READ CAREFULLY!

GENERAL CONDITIONS:

The well must be constructed in compliance with the applicable statutes, specific conditions of approval shown on the water right permit, injection well permit, transfer or amendment and the rules and regulations of the Department for water appropriation, injection wells and well construction standards.

This drilling permit is valid for two (2) months from the above approval date for the start of construction and is valid for one (1) year from the approval date for completion of the well unless an extension has been granted.

This permit does not constitute an approval of the District Health Department or the Idaho Department of Health and Welfare which may be required before construction of this well.

The well shall be constructed by a driller currently licensed in the State of Idaho who must maintain a copy of the drilling permit at the drilling site.

Approval of this drilling permit does not authorize trespass on the land of another party.

This permit does not constitute other local, county, state or federal approvals which may be required for construction of a well.

This drilling permit does not represent a right to divert and use the water of the State of Idaho.

If a bottom hole temperature of 85° or greater is encountered, well construction shall cease and the well driller and the well owner shall contact the Department immediately.

If this permit is for a replacement well, the well being replaced must be abandoned in accordance with Department Rules and Regulations.

SPECIFIC CONDITIONS:

MICROFILMED

JUN 14 2001

Annis M. Dunn
Signature of Authorized Department Representative

Dr. Water Resource Agent
Title

Receipt No. ED15827 Received by LK Fee 200.00 Date 3/19/91

EXTENSION OF DRILLING PERMIT

Extension approved by _____ Approval Date _____

This extension is good for 60 days beyond the above extension approval date.

Form 23

2M-4-65

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
BOISE

REPORT OF EXAMINER

PERMIT NO. _____

REPORT ON PROOF OF _____

33

34

35

34

35

35

35

35

35

34

35

35

35

35

35

AREA - 418 ACRES

SUBD - 12

Q - ALLOW 43 c.f.s.

VOL - MAX DIVERTED SHALL NOT EXCEED 1800 AC-FT/SEASON

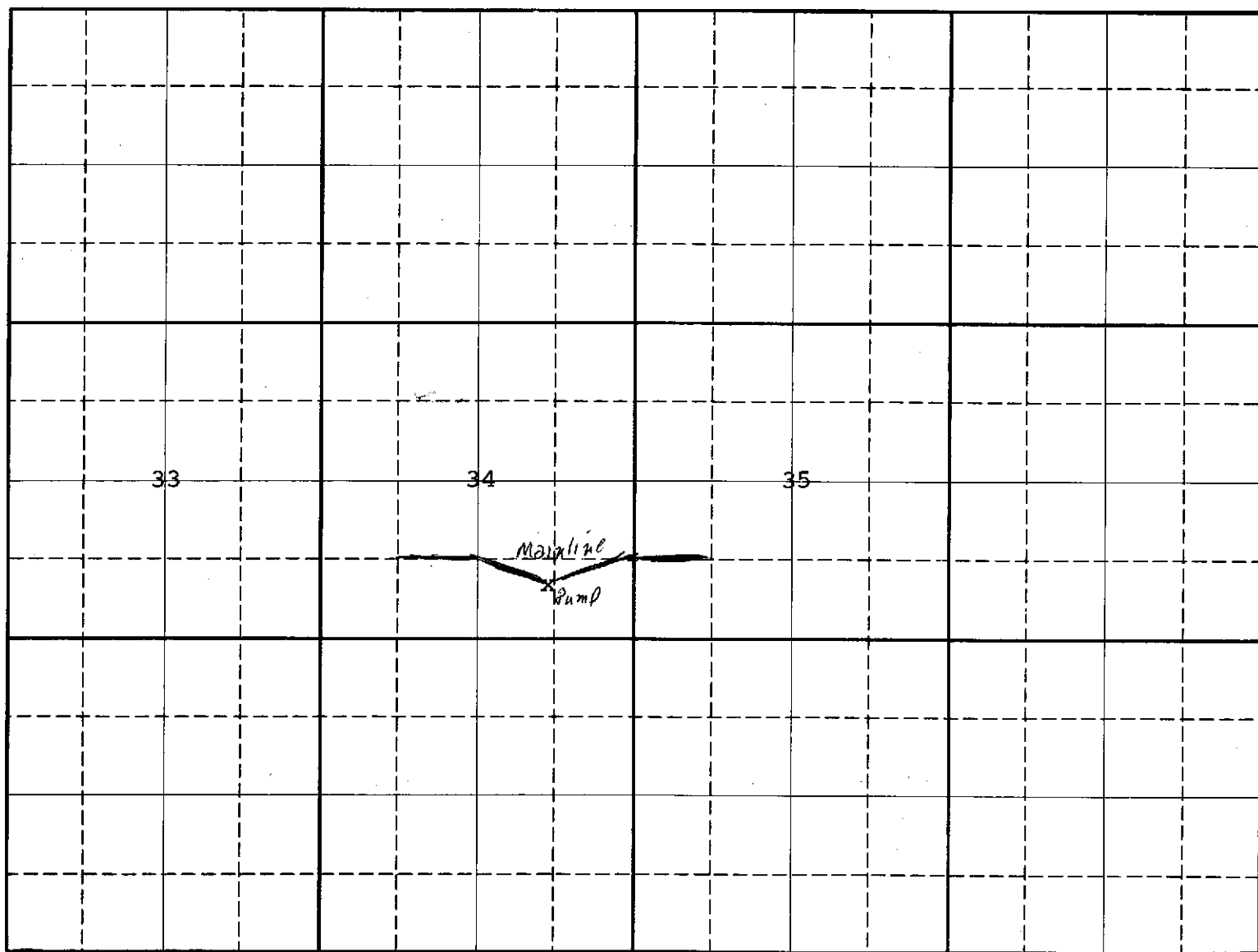
PRIORITY - AUG. 29, 1966

Department of Extermination

Permit No. 33138

21-2429
33138

Complete the following map by showing land and point of diversion as proposed by this amendment. Show 40 acre subdivisions, sections, townships, ranges, and ditches.



Scale: 2 inches equal 1 mile

That no one will be injured by such change, and that such change will be made at permit holder's own risk.

Signed at Rexburg, Idaho, this 17th day of July, 1969.

May C. Mortensen
(signature)

ACTION OF STATE RECLAMATION ENGINEER

I, JACK A. BARNETT, Deputy, State Reclamation Engineer of the State of Idaho, hereby approve the above application for amendment for Permit No. G-33138.

Witness my hand this 29th day of July, 1969.

Jack A. Barnett
Deputy State Reclamation Engineer

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
BOISE, IDAHO

REPORT OF EXAMINER

Permit No. 3313E / 31-2429 (MODIFIED COMPLETE)

This proof is for CW & BU In Water District No. _____

1. Name of applicant DENSITY PARK
2. Source of water supply: SUBSTRAIN
3. Location of point of diversion: Is in the (NE 5W) ADJACENT TO ROAD 505 E of Section 34
T. 8N R. 36E County of MADISON
4. Describe works as they exist, giving dimensions and capacities of same:
200 HP GE. ELEC MOTOR #BB2216151
JOHNSON VERTICAL TURBINE PUMP
100 HP GE POWERED BOOSTER
THROUGH SPRINKLER SYSTEM (3 self
propelled circle units)
5. Water is used for: IRRIGATION
6. State whether or not water has been turned into works of diversion: YES

7. List legal subdivisions of lands to be irrigated. If proof is for beneficial use, give exact number of acres under cultivation in each forty-acre tract. (Describe manner and place of use if other than irrigation):

180 Acres OPEN PERMIT
NESE, SESE SEC 33
SW 1/4, SE 1/4 SEC 34
NW SW, SW SW SEC 35

(Submit map on attached plat, showing location and details of above description.)

8. What large stream would the water here appropriated finally reach? _____

Remarks: MR CLAIR ROBINSON & BOB CONTRACTED

DETERMINED UPON THE BASIS OF SPRINKLER NOZZLES, SIZE
& PRESSURE USED. PREVIOUSLY USED 14" VALVE CAT
NOW USING RAINCAT & VALVE (THREE UNITS)
1930 gpm or 4.3 C.F.S. 640 gpm / unit - 650 gpm

This examination was made on the 9TH day of JULY, 1969
(Signed) [Signature] Examiner.

3313E 31-2429 PLAT

Permit No. 33138 / 31-2429

Examination for CL & BU

County MADISON

Quantity: 9.6 of Sec. 34 T. 8 N. R. 6 E

Source: SUBTERRANEAN

P.D.: NE SW SE & SA 8 N 36 E

Use: IRRIGATION

Extension:

Protest:

Completion of Works:

Other Rights: None

Filed:

Due:

INSTRUCTIONS TO EXAMINERS

1. Always carefully note the location of the point of diversion and accurately plat same.
2. When proof is for beneficial use, carefully check up the number of acres actually irrigated in each forty and accurately plat same.
3. Make a map showing the correct location of streams and ditches, and the irrigated lands, and any adjacent permanent landmarks, such as towns, lakes, large streams and public roads.
4. If any unusual conditions are discovered, make plain statement of them under remarks.
5. Always see the holder, if possible, and go over the whole ground with him and make your report only upon actual existing facts and conditions.
6. Give general characteristics of soils, topography, and crops raised.

33138
31-2429

WATER RIGHT ANALYSIS FORM

- DATA ENTRY -

Identification No. 33138 1 31-2429
Old No. New No.

Record

1, 2 & 3 Original Owner: QUALITY PAK
Address: Box 382 Rexburg Id
Present Owner:
Address:

4. A. Source of Water Groundwater

B. Tributary of:

5. A. Stage (A,P,LD,S,J):

B. Status (D,L,R,C,A,I,F - leave blank if valid):

C. Priority Date: 8-29-1966D. County: 51E. Total Diversion Rate: 4.3F. Total Diversion Volume: 1800

G. Transfer/Amendment (P,T of A or blank):

H. Water District:

I. DLE/Carey Act (D,C or blank):

J. Right Basis (for adjudication claims A,B,C only):

Tract Sec. Twp. Rge. Gov't Lot Rediv.6. A. Point of Diversion SURSE 34 8N 36E

7. Period of Use, Use, Diversion Rate/Volume:

from 4-15 to 11-15 for A purposes. Amount 4.3 1800.
(cfs or AC-FT/yr)

from _____ to _____ for _____ purposes. Amount _____

from _____ to _____ for _____ purposes. Amount _____

from _____ to _____ for _____ purposes. Amount _____

from _____ to _____ for _____ purposes. Amount _____

September 23, 1969

Re: Permit Nos. G-33138/31-2429

31-7015

G-32083/43-2578

G-32937/61-2192

G-32084/43-2579

Mr. Lonnie Leavell
Tippett Land & Mortgage Co.
1365 N. Orchard
Boise, Idaho

Dear Mr. Leavell:

Enclosed you will find copies of Water Licenses issued on the
above numbered permits. The fee for these copies is \$1.25.

Very truly yours,

C. Stephen Allred, Acting Deputy
State Reclamation Engineer

CSA:kh

Enclosures

33138
31-2429

September 19, 1969

Re: Permit No. G-33138/31-2429

Quality Pak
Box 382
Rexburg, Idaho 83440

Gentlemen:

Enclosed you will find your Water License issued on the above
numbered permit.

Very truly yours,

C. Stephen Allred, Assistant
State Reclamation Engineer

CSA:kh
Enclosure

cc. Mr. Ray Rigby
Rigby and Thatcher
25 North 2nd East
Rexburg, Idaho

Mr. Lonnie Leavell
Tippett Land & Mortgage Co.
1365 N. Orchard
Boise, Idaho

33138
31-2429

August 17, 1972

Re: License No. G-33138/31-2429 - Quality Pak

Mr. Blair Archibald
Federal Land Bank Association
P.O. Box 72
Blackfoot, Idaho 83221

Dear Mr. Archibald:

We have received a request from our Eastern District Office at Idaho Falls, Idaho, to advise you of the status of Permit No. G-33138/31-2429.

A water license was issued on this permit on September 19, 1969, in the amount of 4.3 cfs with a priority of August 29, 1966. The license covers 418 acres within the E $\frac{1}{2}$ SE $\frac{1}{4}$, Sec. 33; S $\frac{1}{2}$, Sec. 34; W $\frac{1}{2}$ SW $\frac{1}{4}$, Sec. 35; Twp. 8 N, Rge. 36 E, B.M. The well under this license is located within the SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Sec. 34, Twp. 8 N, Rge. 36 E, B.M., Jefferson County.

If we may be of further assistance, please let us know.

Sincerely,

BOBBY D. FLEENOR
Assistant Director

BDF:DR

bc: Eastern District Office

Identification No. _____

Permit No. 33138

STATE OF IDAHO
DEPARTMENT OF RECLAMATION

PROOF OF APPLICATION OF WATER TO BENEFICIAL USE

Department of Reclamation

1. a) Name of Permit Holder QUALITY PAK
b) Post Office Address Box 382, Rexburg, Idaho 83440
2. Permit Number 33138
3. Date of Priority that you are prepared to establish August 25, 1966
4. a) Source from which water was appropriated Ground water
b) Location of the point of diversion: SW 1/4 SE 1/4, Section 34
Township 8 N., Range 36 E. Boise Meridian, Other points of diversion:

5. a) The amount of water and use to which the water has been applied:
amount 9.6 for irrigation purposes from April 15 to Nov. 15 incl.
(cfs and/or acre feet per annum) (Month-Day) (Month-Day)
amount _____ for _____ purposes from _____ to _____ incl.
(cfs and/or acre feet per annum) (Month-Day) (Month-Day)
amount _____ for _____ purposes from _____ to _____ incl.
(cfs and/or acre feet per annum) (Month-Day) (Month-Day)
b) Total amount appropriated 9.6 cfs and/or acre feet per annum
c) Describe how and by whom measurement of rate of flow or amount of storage was made and the qualifications of the person making the measurement: Irving Kendle Well Drilling Co.,
with many years of experience in drilling and testing systems.
6. If the means of diversion and conveyance are owned by someone other than the Permit Holder:
a) Give the name or description of the canal, ditch or other works by which the water is conducted to the place of use: _____

b) Describe the agreement or understanding by which you take water from the works: _____

7. a) Briefly describe the works for diverting and conveying the water to the place of use, (If from a subterranean source, give the pump size, motor size, size of well casing, depth of well; if from surface water, give brief description of diversion structure and/or canal or ditch) Drilled wells, pumps, motors,
and sprinklers

b) Describe the type and size of measuring device which you have installed at your point of diversion: Metra-flex Flow meter, Model 33

c) Give well drillers name and address and date the well was completed Irving Kendle Well Drilling Co., 301 E. Anderson, Ida. Falls,
Idaho, with the well completed on or about April 15, 1968.

31-2429
33138

8. If for other than irrigation, describe the beneficial use to which you have applied the water and the place of use _____

9. Irrigation uses: Describe the lands irrigated by giving the acreages irrigated within each 40 acre subdivision: _____

TWP.	RANGE	SEC.	NE1/4				NW1/4				SW1/4				SE1/4				TOTALS
			NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	
8 N.	36 E	33													40			40	80
		34									40	40	40	40	40	40	40	40	320
		35									40	40							80

Total number of acres irrigated 480

10. Remarks: _____

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

By: May C. Mortensen, Partner QUALITY PAK
 (Date) 7/17/69 (Signature)

State of Idaho)
 County of Madison) ss.

On this 17th day of July, 19 69, personally appeared before me the signer(s) of the above instrument, who duly acknowledged to me that he (she) (they) executed the same.

Larry W. Lighty
 Notary Public residing at Rexburg, Idaho

My commission expires 1-26-71

DON SAMUELSON
GOVERNOR



R. KEITH HIGGINSON
State Reclamation Engineer

STATE OF IDAHO

DEPARTMENT OF RECLAMATION
STATEHOUSE - ANNEX 2
BOISE, IDAHO 83707

August 8, 1969

Re: Application for Permit No. 31-7025 - Newdale Investment Company
Application for Permit No. 31-7024 - Cal-Ida, Inc.
Permit No. G-33095 - Cal-Ida, Inc.
Permit No. G-33138 - Quality Pak

The Rigby Star
Attn: Hope B. Jones
134 West Main
Rigby, Idaho

Gentlemen:

In reference to the above, there seems to be much confusion!

G-33095 Enclosed you will find that we received two bills for this permit. Also enclosed is a copy of our letter of July 17th requesting that you bill Mr. Clair Robinson, Cal-Ida, Inc., Newdale, Idaho.

G-33138 This bill was also to be paid by Mr. Clair Robinson, Cal-Ida, Inc., Newdale, Idaho, (see enclosed letter of July 17th).

31-7024 Please submit a certified bill for this permit and we will pay the \$6.67 that is due.

31-7025 This notice was advertised incorrectly even after our phone call of July 28th, 1969. Please publish the enclosed correction notice for this permit at your expense. When you forward an affidavit of publication for the correction notice, please submit a certified bill for \$6.24 covering the first publication and we will remit this amount.

If you have any questions regarding this matter, please feel free to contact the Department.

Very truly yours,

C. STEPHEN ALLRED, Assistant
State Reclamation Engineer

CSA:DR

Enc: 2 Bills, Copy of 7-17-69 letter, Correction notice

33138
31-2429

August 5, 1969

Re: Permit No. G-33138

Quality Pak
Box 382
Rexburg, Idaho 83440

Gentlemen:

Please find enclosed a copy of the APPROVED application for amendment for the above referenced permit and Departmental Receipt No. 3403 in the amount of \$5.00 covering the filing fee for the amendment. Please contact us if we may be of further assistance.

Very truly yours,

Donald W. McEldowney
Appropriation Examiner

DWM:TG

Enc: copy of amendment
Receipt No. 3403 in the
amount of \$5.00

33138
31-2429

DON SAMUELSON
GOVERNOR



R. KEITH HIGGINSON
State Reclamation Engineer

STATE OF IDAHO

DEPARTMENT OF RECLAMATION
STATEHOUSE - ANNEX 2
BOISE, IDAHO 83707

July 30, 1969

Re: Permit No. G-33138

Quality Pak
Box 382
Rexburg, Idaho 83440

Gentlemen:

We acknowledge receipt of the affidavit submitted as proof of the application of water to beneficial use. The Department shall diligently try to have the license concerning this permit to you by the 15th day of August 1969. If we can be of further assistance, please contact us.

Very truly yours,

Donald W. McEldowney
Appropriation Examiner

DWM:TG

Enc: none

CC: Mr. Ray Rigby
RIGBY AND THATCHER
25 North 2nd East
Rexburg, Idaho

33138
31-2429

DON SAMUELSON
GOVERNOR



R. KEITH HIGGINSON
State Reclamation Engineer

STATE OF IDAHO

DEPARTMENT OF RECLAMATION
STATEHOUSE - ANNEX 2
BOISE, IDAHO 83707

July 23, 1969

Re: Application No. 31-7024-Cal-Ida, Inc.
Permit Nos. 31-7015, G-33095-Cal-Ida, Inc.
Permit No. G-33138-Quality Pak

Tippett Land and Mortgage
1365 N. Orchard
Boise, Idaho

Gentlemen:

ATTENTION: Mr. Lonnie Leavell

Please be informed that the Department of Reclamation has conducted a field examination of the above referenced. We are tentatively prepared to issue a license for each of the above referenced permits pending receipt of certain required items. The following is a summary of the Department's findings and requirements for each of the above:

Permit No. 31-7015-The Department has found a well located in the SE $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 26, and a well located in the SE $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 27, T. 8 N, R. 36 E, B. M. They produce a total of 7.31 cubic feet per second for irrigation of 554 acres in the W $\frac{1}{2}$ W $\frac{1}{2}$, Sec. 25; W $\frac{1}{2}$ NW $\frac{1}{4}$, E $\frac{1}{2}$ E $\frac{1}{2}$, Sec. 26; NE $\frac{1}{4}$, E $\frac{1}{2}$ NW $\frac{1}{4}$, Sec. 27, T. 8 N, R. 36 E, B. M.

Permit No. G-33095-The Department has found a well located within the NE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 27, T. 8 N, R. 36 E, B. M. producing 7.69 cubic feet per second for irrigation of 462 acres within the W $\frac{1}{2}$ SW $\frac{1}{4}$, Sec. 26; S $\frac{1}{2}$, Sec. 27; E $\frac{1}{2}$ SE $\frac{1}{4}$, Sec. 28, T. 8 N, R. 36 E, B. M. Before a license can be issued a notice must be published and an affidavit of publication must be submitted to the Department by the permit holder. The 29th of July is the first date the affidavit will be available and is the last date of publication. Following publication, there will be a ten (10) day protest period.

Permit No. G-33138-The Department has found a well located within the SW $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 34, T. 8 N, R. 36 E, B. M. producing 4.3 cubic feet per second for irrigation of 418 acres within the E $\frac{1}{2}$ SE $\frac{1}{4}$, Sec. 33; S $\frac{1}{2}$, Sec. 34; W $\frac{1}{2}$ SW $\frac{1}{4}$, Sec. 35, T. 8 N, R. 36 E, B. M. Prior to licensing, it is necessary that the permit holder amend the point of diversion to cover the location of the well in the SW $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 34. This amendment has been received and is being processed. The amendment appears to be in order and should present no

33138
31-2429

Page 2

Tippett Land and Mortgage
July 23, 1969

problems. Also it is required that the permit be advertised prior to the issuance of the license. The last date of publication is July 29, 1969. Following this date, the affidavit of publication will be available for the permit holder to submit to this Department, within the ten day protest period.

Application for Permit No. 31-7024-This application has not yet been approved and is subject to final review which is more or less a formality in this case. The application should receive final action on or before August 1, 1969. We have preceded this action and conducted a field examination of the lands and water outlined in the application. If the application is approved, the Department is prepared to license the wells located as follows: one well in each-NW $\frac{1}{4}$ NE $\frac{1}{4}$, NW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 34 and the NW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 35, all producing a total of 5.65 cubic feet per second for irrigation of 425 acres located within the E $\frac{1}{2}$ NE $\frac{1}{4}$, Sec. 33; N $\frac{1}{2}$, Sec. 34; W $\frac{1}{2}$ NW $\frac{1}{4}$, Sec. 35, T. 8 N, R. 36 E, B. M.

Providing compliance with the above requirements is met as outlined, the issuing of the licenses could be completed about the second week of August.

If you have any questions, please contact this office.

Very truly yours,

Dean R. Reynolds

Dean R. Reynolds
Field Examiner

by *Donald W. McEldowney*
Donald W. McEldowney
Appropriation Examiner

DRR:DWM:tg

Enc: none

CC: Mr. Ray Rigby
RIGBY AND THATCHER
Attorneys at Law
25 North 2nd East
Rexburg, Idaho

33138
31-2429

July 17, 1969

Re: Permit No. G-33095 - Cal-Ida, Inc.
G-33138 - Quality Pak

Mr. Clair Robinson, Pres.
CAL-IDA, INC.
Newdale, Idaho

Dear Mr. Robinson:

The legal notices for the above referenced permits are being published in the Rigby Star, 134 West Main, Rigby, Idaho, on July 22nd and July 29th.

You will be required to submit an affidavit of publication for each permit to this department. The affidavits may be obtained from the above mentioned newspaper upon payment of the bills of publication.

Thanking you for your cooperation in this matter.

Very truly yours,

Donald W. McEldowney
Appropriation Examiner

DWM:DR

G-33138

C
O
P
Y

NOTICE OF EXISTING WATER PERMIT

Notice is hereby given that Quality Pak, Box 382, Rexburg, Idaho, has received an approved permit No. G-33138 issued by the Idaho State Reclamation Department authorizing the diversion of 9.6 cubic feet per second of water from a ground water source, subject to all prior rights. The pri-

ority to be established under this permit is August 25, 1966 and the permit was approved September 12, 1966. Water is to be diverted by well and pump from a point within the SW $\frac{1}{4}$ -SE $\frac{1}{4}$, Sec. 34, T. 8 N, R. 36 E. B.M., Jefferson County to be used for irrigation in the E $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 33; S $\frac{1}{2}$, Sec. 34; W $\frac{1}{2}$ SW $\frac{1}{4}$, Sec. 35, T. 8 N, R. 36 E.B.M.

Proof of the application of the water to beneficial use is to be submitted to the Department on or before September 12, 1971. Any protests against the issuance of a license for the above referenced permit should be filed with the Department of Reclamation within ten (10) days of the last date of publication of this notice or prior to the licensing of the permit. Licensing may commence prior to the date beneficial use proof is due without further notice.

R. KEITH HIGGINSON,

State Reclamation Engineer.

Published in The Rigby Star, Rigby, Idaho, on July 24, and July 31, 1969.

DON SAMUELSON
GOVERNOR



R. KEITH HIGGINSON
State Reclamation Engineer

STATE OF IDAHO

DEPARTMENT OF RECLAMATION
STATEHOUSE -- ANNEX 2
BOISE, IDAHO 83707

July 17, 1969

Re: Permit No. G-33095 - Cal-Ida, Inc.
G-33138 - Quality Pak

Rigby Star
134 West Main
Rigby, Idaho 83442

Gentlemen:

Enclosed is a legal notice which we wish to have published 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 our 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 date. If you can not publish the notice on the proposed dates, please contact the Department of Reclamation immediately.

The expense of the publication is to be paid by Mr. Clair Robinson, Pres., Cal-Ida, Inc., Newdale, Idaho, to whom you should furnish an affidavit of publication.

Very truly yours,

Donald W. McEldowney
Appropriation Examiner

DWM:DR
Enc: Legal notices (2)

33138

JUL 15 1969

Notice is hereby given that Quality Pak, Box 382, Rexburg, Idaho,

has received an approved permit No.

0-39138 issued by the Idaho State Reclamation Department authorizing the diversion ~~storage~~ of 9.6 cubic feet per second ~~about 10 cfs~~ of water from a ground water source subject to all prior rights. The priority to be established under this permit is August 25, 1966 and the permit was approved September 12, 1966. Water is to be diverted by well and pump from a point within the NE 1/4 SW 1/4, Sec. 34, T. 8 N, R. 36 E, B.M., Jefferson County

to be used for irrigation *Evapor*
 in the SE 1/4, Sec. 33; E 1/2, Sec. 34; W 1/2 SW 1/4, Sec. 35, T. 8 N, R. 36 E, B.M.

Proof of the application of the water to beneficial use is to be submitted to the Department on or before September 12, 1971. Any protests against the issuance of a license for the above referenced permit should be filed with the Department of Reclamation within ten (10) days of the last date of publication of this notice or prior to the licensing of the permit. Licensing may commence prior to the date beneficial use proof is due without further notice.

R. KEITH HIGGINSON
State Reclamation Engineer

Published in the Rigby Star, Rigby, Idaho, on
July 22 and July 29, 1969

State Reclamation Engineer:

Permit No. G-33138

You are hereby authorized to have the attached notice published at my expense in
the Rigby Star of Rigby, Idaho

Published in the county in which the works are situated.

Blair Robinson
(Signature)

(Address) newdaly, sales.

(Date)

۳۳/۳۴

July 3, 1969

Re: Permit No. G-33138

Quality Pak
Box 382
Rexburg, Idaho

Gentlemen:

During the 1967 session of the Idaho Legislature, certain amendments were made in the law pertaining to the procedures for making proof of beneficial use of water. In order for the Department to comply with these changes, Rules of Practice and Procedure were adopted on August 1, 1968. Generally, these procedures and the amended law make it simpler for a person to make proof and relieve the permit holder from making separate proofs of completion of works and beneficial use of water.

The enclosed order modifies your permit to comply with these rules and regulations. As a part of the new procedure, you will be required to publish a notice at your expense for two consecutive weeks in a paper as prescribed by the Department, stating that you have been issued a permit and are now submitting proof of beneficial use. Previously, a permit holder had to publish a notice for four weeks when he submitted proof under his permit.

If you will complete the enclosed forms, we will cause the notice to be published. Should you require additional forms or information, we will be glad to supply it upon request at any time.

Very truly yours,

Donald W. McEldowney
Appropriation Examiner

DWM:DR

Enc: Order
Advertising package
Proof package

Sent to:
Ray W. Rigby
25 North 2nd East, Box 362
Rexburg, Idaho

RECEIVED
OCT 26 1966

REPORT OF WELL DRILLER
State of Idaho

Department of Reclamation

State law requires that this report shall be filed with the State Reclamation Engineer within 30 days after completion or abandonment of the well.

WELL OWNER:

Name Quality Pak

Address Box 382, Rexburg, Ida.

Owner's Permit No. 33138

NATURE OF WORK (check): Replacement well ☐

New well ☐ Deepened ☐ Abandoned ☐

Water is to be used for: _____

METHOD OF CONSTRUCTION: Rotary ☐ Cable ☐

Dug ☐ Other _____

(explain)

CASING SCHEDULE: Threaded _____ Welded _____

"Diam. from _____ ft. to _____ ft.

"Diam. from _____ ft. to _____ ft.

"Diam. from _____ ft. to _____ ft.

"Diam. from _____ ft. to _____ ft.

Thickness of casing: _____ Material: _____

Steel ☐ concrete ☐ wood ☐ other ☒

(explain)

PERFORATED? Yes ☐ No ☒ Type of

perforator used: _____

Size of perforations: _____ " by _____ "

perforations from _____ ft. to _____ ft.

perforations from _____ ft. to _____ ft.

perforations from _____ ft. to _____ ft.

perforations from _____ ft. to _____ ft.

WAS SCREEN INSTALLED? Yes ☐ No ☒

Manufacturer's name _____

Type _____ Model No. _____

Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

CONSTRUCTION: Well gravel packed? Yes ☐

No. ☐ size of gravel _____ Gravel

placed from _____ ft. to _____ ft. Surface seal

provided? Yes ☐ No ☐ To what depth?

_____ ft. Material used in seal: _____

Did any strata contain unusable water? Yes ☐

No. ☐ Type of water: _____

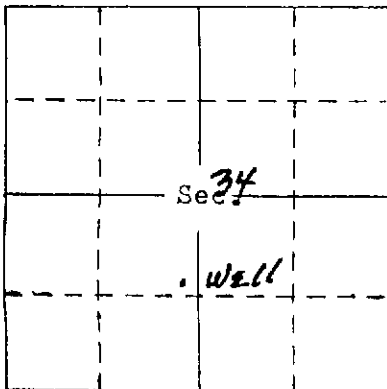
Depth of strata _____ ft. Method of sealing

strata off: _____

Surface casing used? Yes ☐ No. ☐

Cemented in place? Yes ☐ No ☐

Locate well in section



LOCATION OF WELL: County Jefferson

NE 1/4 NW 1/4 Sec. 34 T. 8 N. 3 R. 36 E. 4

Use other side for additional remarks

Size of drilled hole: 20" Total

depth of well: 158' Standing water

level below ground: 59' Temp.

Fahr. _____ ° Test delivery: _____ gpm

or _____ cfs Pump? ☐ Bail ☐

Size of pump and motor used to make test:

Length of time of test: _____ Hrs. _____ Min.

Drawdown: _____ ft. Artesian pressure: _____ ft.

above land surface _____ Give flow _____ cfs

or _____ gpm. Shutoff pressure: _____

Controlled by: Valve ☐ Cap ☐ Plug ☐

No control ☐ Does well leak around casing?

Yes ☐ No ☐

DEPTH MATERIAL WATER

FROM TO

FEET FEET

0	3	Top soil	
3	9	black lava	
9	12	Loose rock opening	
12	21	black lava	
21	27	Loose rock & clay	
27	36	hard gray basalt	
36	45	black lava	
45	53	cracks & loose rock	
53	73	hard gray lava	
73	77	Loose brown crinoids	
77	105	black lava	
105	110	black cinders & sand	
110	123	hard gray lava	
123	137	cracks & ash	
137	146	black lava	
146	151	Loose rock & cinders	
151	158	black lava	

Work started: _____

Work finished: _____

Well Driller's Statement: This well was drilled under my supervision and this report is true to the best of my knowledge.

Name: Donald W. Kelly

Address: 301 E. Anderson St. Rexburg

Signed by: Mrs. Kelly

License No. 116 Date: _____

33138

September 26, 1966

Re: Permit No. G-33138

Quality Pak
Box 382
Rexburg, Idaho

Gentlemen:

We enclose Permit No. G-33138 in which we direct your attention to the limitations and conditions as given on the fourth page under approval of the State Reclamation Engineer.

We also enclose Departmental Receipt No. C-10788 which was issued covering payment in the amount of \$ 17.00 for the filing fee of the above mentioned permit.

Very truly yours,

MRB:ejw
Enc.

permit
receipt

M. RUSSELL BOSCH
Office Manager

33138

ROBERT E. SMYLIE
Governor



CARL E. TAPPAN
State Reclamation Engineer

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
107 STATE HOUSE
BOISE, IDAHO 83701

August 25, 1966

RECEIVED
AUG 29 1966
Department of Reclamation

RE: Applications for Permit

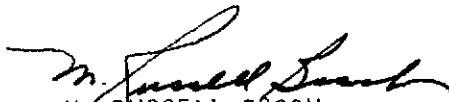
Quality Pak
P.O. Box 382
Rexburg, Idaho

Gentlemen:

Returned herewith is your applications for permit. The first permit seems to be in good order except we did not receive the filing fee. This fee is \$6.75.

On the second permit you give the point of diversion on the application as NE¹/₄NW¹/₄, Section 34, while the map shows the point of diversion as NE¹/₄SW¹/₄, Section 34. Please Correct make the necessary corrections to either the map or the application and return to this office so they can be processed. The fee for this application will be \$7.25.

Very truly yours,


M. RUSSELL BOSCH
Office Manager

MRB:ejw

Encl: Applications (2)

NE¹/₄ SW¹/₄; Section 34 is correct

33138

August 25, 1966

RE: Applications for Permit

Quality Pak
P.O. Box 382
Rexburg, Idaho

Gentlemen:

Returned herewith is your applications for permit. The first permit seems to be in good order except we did not receive the filing fee. This fee is \$6.75.

On the second permit you give the point of diversion on the application as NE¹/₄ NW¹/₄, Section 34, while the map shows the point of diversion as NE¹/₄ SW¹/₄, Section 34. Please make the necessary corrections to either the map or the application and return to this office so they can be processed. The fee for this application will be \$7.25.

Very truly yours,

M. RUSSELL BOSCH
Office Manager

MRB:ejw

Encl: Applications (2)

33138