

Name Far West Farms

4159

DESCRIPTION OF WATER RIGHT

By _____

Address P.O. Box 64Bardman, OR 97818Change in POADate filed Feb 15, 1979Date of hearing April 24, 1979Place of hearing HeppnerDate of order 5-23-79 Vol. 32, page 138Date for application of water Completed

Proof mailed _____

Proof received _____

Certificate issued JUL 7 1989 Vol. _____, page 61848Name of stream a wellTrib. of _____ County of Morrow

Use _____

Quantity of water _____ No. of acres _____

Name of ditch _____

Date of priority Aug. 7, 1967In name of Far West Farms

Adjudication, Vol. _____, page _____

App. No. G-4025 Per. No. G-3777 Cert. No. 43928

Certificate cancelled _____

Notation made on record by JB

FEES PAID

| Date | Amount | Receipt No. |
|----------------|--------------------|-------------|
| <u>2-15-79</u> | <u>35.00</u> | <u>9149</u> |
| <u>2-20-79</u> | <u>75-</u> | <u>9188</u> |
| TOTAL . . . | | |
| | <u>0 Cert. Fee</u> | |

Register Time \$50.37 pd 4-30-79 ER #3306

FEES REFUNDED

| Date | Amount | Check No. |
|----------------|--------------|-------------|
| <u>4-30-79</u> | <u>24.63</u> | <u>3307</u> |

EX 20
POA 15-
POA 60.32
85.32

REMARKS

WOLF 1979 B3finis

W.R.I.S.

Assembled 7-19-85 by SDA

Entered _____ by _____

Verified _____ by _____

| INDEX CARDS: | Entered | Checked |
|---|------------|---------|
| <input checked="" type="checkbox"/> Name | <u>SDA</u> | |
| <input checked="" type="checkbox"/> Stream | <u>SDA</u> | |
| <input checked="" type="checkbox"/> Pt. of Div. | <u>SDA</u> | |
| <input checked="" type="checkbox"/> Calendar | <u>SDA</u> | |
| <input checked="" type="checkbox"/> CHECKED TO RECORD | <u>SDA</u> | |
| <input checked="" type="checkbox"/> Top. & Rge. | <u>SDA</u> | |
| <input checked="" type="checkbox"/> Decree-vault | <u>SDA</u> | |
| <input checked="" type="checkbox"/> Decree-safe | <u>SDA</u> | |
| <input checked="" type="checkbox"/> Cont. of W/R | <u>SDA</u> | |
| <input checked="" type="checkbox"/> Per. Folder | <u>SDA</u> | |
| <input checked="" type="checkbox"/> Chaindex | <u>SDA</u> | |
| <input checked="" type="checkbox"/> Cont. Ref. | <u>SDA</u> | |
| <input checked="" type="checkbox"/> Cont. Chain | <u>SDA</u> | |
| <input checked="" type="checkbox"/> Indexes | <u>SDA</u> | |

Copy of appl w/ map to A Petoka 2-16-79 JWC

G-4025
3777
43928

BY Dale Aasted
May 22, 1997

POB = WELL #1 NWSE SEC. 20
2470'N & 2710'E from SW Cor. 20
(SAID WELL #1 IS DESIGNATED
AS WELL #37 IN WRB
GROUNDWATER REPORT NO. 24)

SEC 7

40.0 NENE
24.8 NWNE
37.0 SWNW
21.5 SENW
31.0 NESW
51.0 NWSW
51.0 SWSW
31.0 SESW

8

31.4 NENE
31.4 NWNE
31.4 SWNE
31.4 SENE
31.4 NENW
31.4 NWNW
31.4 SWNW
31.4 SENW
31.4 NESE
31.4 NWSE
31.4 SUSE
31.4 SESE

17

31.4 NENE
31.4 NWNE
31.4 SWNE
31.4 SENE
2.4 NESW
41.0 NWSW
41.0 SWSW
2.4 SESW
26.8 NESE
33.6 NWSE
33.6 SUSE
26.8 SESE

18

32.0 NWNE
32.0 SWNE
40.0 NENW
51.0 NWNW
51.0 SWNW
40.0 SENW
40.0 NESW
8.4 NWSW
8.4 SWSW
40.0 SESW
32.0 NWSE
32.0 SUSE

19

31.0 NWNE
38.5 SWNE
8.2 SENE
9.0 NENW
17.1 SENW
17.0 NESW
6.0 SESW
7.8 NESE
37.0 NWSE
40.0 SUSE
24.4 SESE

20

31.4 NENE
31.4 NWNE
31.4 SWNE
31.4 SENE
41.0 NWNW
41.0 SWNW
20.0 NESW
26.8 NWSW
32.0 SWSW
24.4 SESW
31.4 NESE
31.4 NWSE
31.4 SUSE
31.4 SESE

30

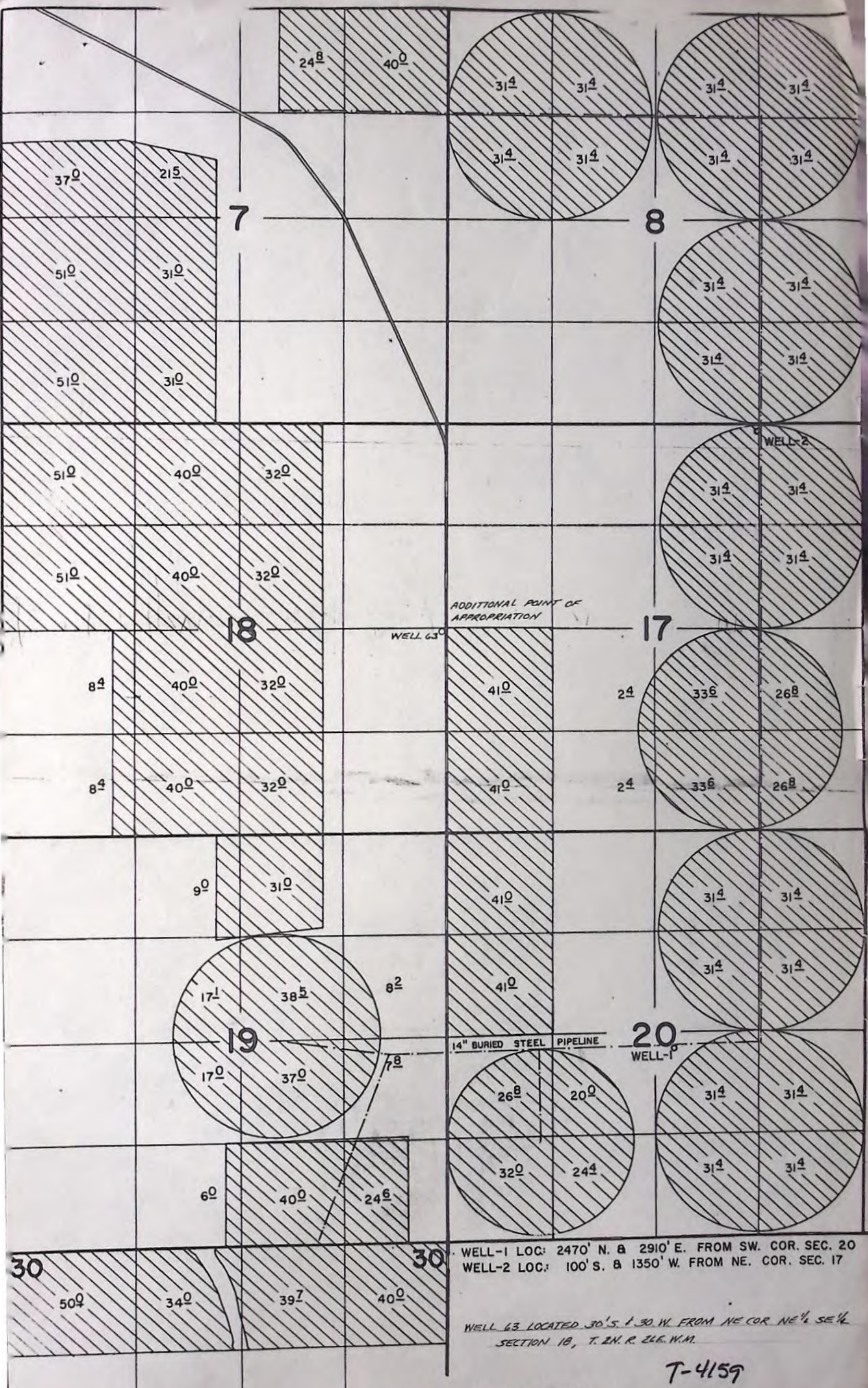
40.0 NENE
39.7 NWNE
34.0 NENW
50.0 NWNE

T-4159 IS FOR ADDITIONAL
POB FOR ALL
IRRIGATED LANDS.

ADDITIONAL POB = WELL #3 NESE SEC 18
30' E & 30' W from NE Cor. NESE SEC. 18

SAID WELL #3 IS DESIGNATED
AS WELL #63 IN WRB GROUNDWATER
REPORT NO. 24

ALL WITHIN
TRN, R26E



WELL-1 LOC: 2470' N. & 2910' E. FROM SW. COR. SEC. 20
 WELL-2 LOC: 100' S. & 1350' W. FROM NE. COR. SEC. 17

WELL 63 LOCATED 30' S. & 30' W. FROM NE COR NE 1/4 SE 1/4
 SECTION 18, T. 2N. R. 24E. W.M.

T-4159

FINAL PROOF SURVEY

BEFORE THE WATER RESOURCES DIRECTOR OF OREGON

MORROW COUNTY

IN THE MATTER OF THE APPLICATION)
OF FAR WEST FARMS FOR APPROVAL)
OF A CHANGE IN POINT OF)
APPROPRIATION OF GROUNDWATER)

ORDER APPROVING
TRANSFER NO. 4159

On February 15, 1979, an application was filed in the office of the Water Resources Director by Far West Farms for approval of a change in point of appropriation of groundwater, pursuant to the provisions of ORS 537.705.

The certificate recorded at page 43928, Volume 35, State Record of Water Right Certificates, in the name of Far West Farms - Oregon Ltd., describes a right for the appropriation of not to exceed 4.13 cubic feet per second of water from a certain ground water aquifer, under a priority date of August 7, 1967, for irrigation of a certain 2,240.4 acres, being:

40.0 acres NE $\frac{1}{4}$ NE $\frac{1}{4}$
24.8 acres NW $\frac{1}{4}$ NE $\frac{1}{4}$
37.0 acres SW $\frac{1}{4}$ NW $\frac{1}{4}$
21.5 acres SE $\frac{1}{4}$ NW $\frac{1}{4}$
31.0 acres NE $\frac{1}{4}$ SW $\frac{1}{4}$
51.0 acres NW $\frac{1}{4}$ SW $\frac{1}{4}$
51.0 acres SW $\frac{1}{4}$ SW $\frac{1}{4}$
31.0 acres SE $\frac{1}{4}$ SW $\frac{1}{4}$
Section 7

31.4 acres NE $\frac{1}{4}$ NE $\frac{1}{4}$
31.4 acres NW $\frac{1}{4}$ NE $\frac{1}{4}$
31.4 acres SW $\frac{1}{4}$ NE $\frac{1}{4}$
31.4 acres SE $\frac{1}{4}$ NE $\frac{1}{4}$
31.4 acres NE $\frac{1}{4}$ NW $\frac{1}{4}$
31.4 acres NW $\frac{1}{4}$ NW $\frac{1}{4}$
31.4 acres SW $\frac{1}{4}$ NW $\frac{1}{4}$
31.4 acres SE $\frac{1}{4}$ NW $\frac{1}{4}$
31.4 acres NE $\frac{1}{4}$ SE $\frac{1}{4}$
31.4 acres NW $\frac{1}{4}$ SE $\frac{1}{4}$
31.4 acres SW $\frac{1}{4}$ SE $\frac{1}{4}$
31.4 acres SE $\frac{1}{4}$ SE $\frac{1}{4}$
Section 8

31.4 acres NE $\frac{1}{4}$ NE $\frac{1}{4}$
31.4 acres NW $\frac{1}{4}$ NE $\frac{1}{4}$
31.4 acres SW $\frac{1}{4}$ NE $\frac{1}{4}$
31.4 acres SE $\frac{1}{4}$ NE $\frac{1}{4}$
2.4 acres NE $\frac{1}{4}$ SW $\frac{1}{4}$
41.0 acres NW $\frac{1}{4}$ SW $\frac{1}{4}$
41.0 acres SW $\frac{1}{4}$ SW $\frac{1}{4}$
2.4 acres SE $\frac{1}{4}$ SW $\frac{1}{4}$
26.8 acres NE $\frac{1}{4}$ SE $\frac{1}{4}$
33.6 acres NW $\frac{1}{4}$ SE $\frac{1}{4}$
33.6 acres SW $\frac{1}{4}$ SE $\frac{1}{4}$
26.8 acres SE $\frac{1}{4}$ SE $\frac{1}{4}$
Section 17

32.0 acres NW $\frac{1}{4}$ NE $\frac{1}{4}$
32.0 acres SW $\frac{1}{4}$ NE $\frac{1}{4}$
40.0 acres NE $\frac{1}{4}$ NW $\frac{1}{4}$
51.0 acres NW $\frac{1}{4}$ NW $\frac{1}{4}$
51.0 acres SW $\frac{1}{4}$ NW $\frac{1}{4}$
40.0 acres SE $\frac{1}{4}$ NW $\frac{1}{4}$
40.0 acres NE $\frac{1}{4}$ SW $\frac{1}{4}$
8.4 acres NW $\frac{1}{4}$ SW $\frac{1}{4}$
8.4 acres SW $\frac{1}{4}$ SW $\frac{1}{4}$
40.0 acres SE $\frac{1}{4}$ SW $\frac{1}{4}$
32.0 acres NW $\frac{1}{4}$ SE $\frac{1}{4}$
32.0 acres SW $\frac{1}{4}$ SE $\frac{1}{4}$
Section 18

31.0 acres NW $\frac{1}{4}$ NE $\frac{1}{4}$
 38.5 acres SW $\frac{1}{4}$ NE $\frac{1}{4}$
 8.2 acres SE $\frac{1}{4}$ NE $\frac{1}{4}$
 9.0 acres NE $\frac{1}{4}$ NW $\frac{1}{4}$
 17.1 acres SE $\frac{1}{4}$ NW $\frac{1}{4}$
 17.0 acres NE $\frac{1}{4}$ SW $\frac{1}{4}$
 6.0 acres SE $\frac{1}{4}$ SW $\frac{1}{4}$
 7.8 acres NE $\frac{1}{4}$ SE $\frac{1}{4}$
 37.0 acres NW $\frac{1}{4}$ SE $\frac{1}{4}$
 40.0 acres SW $\frac{1}{4}$ SE $\frac{1}{4}$
 24.6 acres SE $\frac{1}{4}$ SE $\frac{1}{4}$

Section 19

31.4 acres NE $\frac{1}{4}$ NE $\frac{1}{4}$
 31.4 acres NW $\frac{1}{4}$ NE $\frac{1}{4}$
 31.4 acres SW $\frac{1}{4}$ NE $\frac{1}{4}$
 31.4 acres SE $\frac{1}{4}$ NE $\frac{1}{4}$
 41.0 acres NW $\frac{1}{4}$ NW $\frac{1}{4}$
 41.0 acres SW $\frac{1}{4}$ NW $\frac{1}{4}$
 20.0 acres NE $\frac{1}{4}$ SW $\frac{1}{4}$
 26.8 acres NW $\frac{1}{4}$ SW $\frac{1}{4}$
 32.0 acres SW $\frac{1}{4}$ SW $\frac{1}{4}$
 24.4 acres SE $\frac{1}{4}$ SW $\frac{1}{4}$
 31.4 acres NE $\frac{1}{4}$ SE $\frac{1}{4}$
 31.4 acres NW $\frac{1}{4}$ SE $\frac{1}{4}$
 31.4 acres SW $\frac{1}{4}$ SE $\frac{1}{4}$
 31.4 acres SE $\frac{1}{4}$ SE $\frac{1}{4}$

Section 20

40.0 acres NE $\frac{1}{4}$ NE $\frac{1}{4}$
 39.7 acres NW $\frac{1}{4}$ NE $\frac{1}{4}$
 34.0 acres NE $\frac{1}{4}$ NW $\frac{1}{4}$
 50.0 acres NW $\frac{1}{4}$ NW $\frac{1}{4}$

Section 30

All in Township 2 North, Range 26 East, W. M.

The authorized point of appropriation is from Well #1, located 2470 feet North and 2910 feet East from the Southwest Corner of Section 20, being within the NW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 20, Township 2 North, Range 26 East, W. M. (Said Well #1 is designated as Well #37 in Water Resources Department Groundwater Report No. 24.)

The applicant herein, owner of the lands above described, proposes to continue the use of Well #1, as described above, as a point of appropriation under the said water right and to also use existing Well #3, located 30 feet South and 30 feet West from the Northeast Corner of the NE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 18, being within the NE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 18, Township 2 North, Range 26 East, W. M., as an additional point of appropriation from the said certain groundwater aquifer, under the said water right. (Said Well #3 is designated as Well #63 in Water Resources Department Groundwater Report No. 24.)

Notice of the application was published, pursuant to ORS 540.520(2), in the Heppner Gazette-Times, a newspaper printed and having general circulation in Morrow County, Oregon, for a period of three weeks in the issues of March 1, 8 and 15, 1979.

Mr. William S. Bartholomew, Groundwater Geologist, Water Resources Department, has determined that if Well #1 and Well #3 were to be pumped simultaneously to obtain water under the provisions of the said water right, an increased interference with the wells of neighboring land owner-appropriators would result. However, it was also determined that if Well #1 and Well #3 were to be operated as alternate points of appropriation of water under the said water right, pumping only one of the wells at a time, the difference in interference with the wells of neighboring land owner-appropriators would be negligible as compared with the continued use of Well #1, only.

No objections having been filed and it appearing that the proposed change in point of appropriation, to allow the use of Well #3 as an alternate point of appropriation of water under the said water right, may be made without injury to existing water rights.

NOW, THEREFORE, it is ORDERED that the requested change in point of appropriation is approved for the use of said Well #3 as an alternate point of appropriation of water under the subject water right.

It is FURTHER ORDERED that Said Well #1 and Well #3 shall not be pumped simultaneously to obtain water under the provisions of the above described water right; and that the water pumped from Well #3 shall not exceed the rate of flow available from Well #1, and shall not exceed a maximum rate of 4.13 cubic feet per second of water.

It is FURTHER ORDERED that the following provisions shall be carried out prior to the diverting of water at the new point of diversion as herein confirmed:

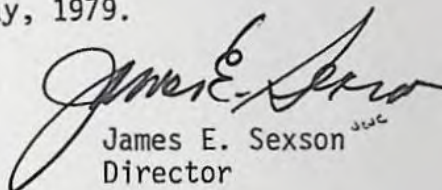
That the diversion works shall include an in line flow meter, or other suitable device for measuring the water to which the applicant is entitled;

That the type and plans of the measuring device be approved by the watermaster before the beginning of construction work and that the measuring device be installed under the general supervision of said watermaster.

It is FURTHER ORDERED that NO time need be fixed for completion as the change in point of appropriation is completed.

It is FURTHER ORDERED that the certificate of water right heretofore issued to Far West Farms - Oregon Ltd., and recorded at page 43928, Volume 35, State Record of Water Right Certificates, is canceled, and in lieu thereof a new certificate be issued covering the balance of the right not involved in this proceeding, and upon proof satisfactory to the Water Resources Director of completion of works and beneficial use of water to the extent intended under the provisions of this order, a confirming certificate of water right shall be issued to the applicant herein.

Dated at Salem, Oregon, this 23rd day of May, 1979.


James E. Sexson
Director

STATE OF OREGON

COUNTY OF

MORROW

CERTIFICATE OF WATER RIGHT

This Is to Certify, That

FAR-WEST FARMS - OREGON, LTD.

of P.O. Box 50, Boardman, State of Oregon, 97818, has made proof to the satisfaction of the Water Resources Director, of a right to the use of the waters of Well #1

a tributary of Columbia River
irrigation of 2,240.4 acres

under Permit No. C-3777 and that said right to the use of said waters has been perfected in accordance with the laws of Oregon; that the priority of the right hereby confirmed dates from August 7, 1967

that the amount of water to which such right is entitled and hereby confirmed, for the purposes aforesaid, is limited to an amount actually beneficially used for said purposes, and shall not exceed 4.13 cubic feet per second

or its equivalent in case of rotation, measured at the point of diversion from the stream. The point of diversion is located in the Well #1-NW 1/4 SE 1/4, Section 20, T. 2 N., R. 26 E., W. M., 2470 feet North and 2910 feet East from the SW Corner of Section 20.

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, shall be limited ~~one-eightieth~~ of one cubic foot per second per acre, or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed 3 acre feet per acre for each acre irrigated during the irrigation season of each year,

and shall conform to such reasonable rotation system as may be ordered by the proper state officer.

A description of the place of use under the right hereby confirmed, and to which such right is appurtenant, is as follows:

SEE NEXT PAGE

~~40.0 acres NE $\frac{1}{4}$ NE $\frac{1}{4}$~~
~~24.8 acres NW $\frac{1}{4}$ NE $\frac{1}{4}$~~
~~37.0 acres SW $\frac{1}{4}$ NW $\frac{1}{4}$~~
~~21.5 acres SE $\frac{1}{4}$ NW $\frac{1}{4}$~~
~~31.0 acres NE $\frac{1}{4}$ SW $\frac{1}{4}$~~
~~51.0 acres NW $\frac{1}{4}$ SW $\frac{1}{4}$~~
~~51.0 acres SW $\frac{1}{4}$ SW $\frac{1}{4}$~~
~~31.0 acres SE $\frac{1}{4}$ SW $\frac{1}{4}$~~

Section 7

T. 2 N., R. 26 E., W. M.

~~31.4 acres NE $\frac{1}{4}$ NE $\frac{1}{4}$~~
~~31.4 acres NW $\frac{1}{4}$ NE $\frac{1}{4}$~~
~~31.4 acres SW $\frac{1}{4}$ NE $\frac{1}{4}$~~
~~31.4 acres SE $\frac{1}{4}$ NE $\frac{1}{4}$~~
~~31.4 acres NE $\frac{1}{4}$ NW $\frac{1}{4}$~~
~~31.4 acres NW $\frac{1}{4}$ NW $\frac{1}{4}$~~
~~31.4 acres SW $\frac{1}{4}$ NW $\frac{1}{4}$~~
~~31.4 acres SE $\frac{1}{4}$ NW $\frac{1}{4}$~~
~~31.4 acres NE $\frac{1}{4}$ SE $\frac{1}{4}$~~
~~31.4 acres NW $\frac{1}{4}$ SE $\frac{1}{4}$~~
~~31.4 acres SW $\frac{1}{4}$ SE $\frac{1}{4}$~~
~~31.4 acres SE $\frac{1}{4}$ SE $\frac{1}{4}$~~

Section 8

T. 2 N., R. 26 E., W. M.

~~31.4 acres NE $\frac{1}{4}$ NE $\frac{1}{4}$~~
~~31.4 acres NW $\frac{1}{4}$ NE $\frac{1}{4}$~~
~~31.4 acres SW $\frac{1}{4}$ NE $\frac{1}{4}$~~
~~31.4 acres SE $\frac{1}{4}$ NE $\frac{1}{4}$~~
~~2.4 acres NE $\frac{1}{4}$ SW $\frac{1}{4}$~~
~~41.0 acres NW $\frac{1}{4}$ SW $\frac{1}{4}$~~
~~41.0 acres SW $\frac{1}{4}$ SW $\frac{1}{4}$~~
~~2.4 acres SE $\frac{1}{4}$ SW $\frac{1}{4}$~~
~~26.8 acres NE $\frac{1}{4}$ SE $\frac{1}{4}$~~
~~33.6 acres NW $\frac{1}{4}$ SE $\frac{1}{4}$~~
~~33.6 acres SW $\frac{1}{4}$ SE $\frac{1}{4}$~~
~~26.8 acres SE $\frac{1}{4}$ SE $\frac{1}{4}$~~

Section 17

T. 2 N., R. 26 E., W. M.

~~32.0 acres NE $\frac{1}{4}$ NE $\frac{1}{4}$~~
~~32.0 acres SW $\frac{1}{4}$ NE $\frac{1}{4}$~~
~~40.0 acres NE $\frac{1}{4}$ NW $\frac{1}{4}$~~
~~51.0 acres NW $\frac{1}{4}$ NW $\frac{1}{4}$~~
~~51.0 acres SW $\frac{1}{4}$ NW $\frac{1}{4}$~~
~~40.0 acres SE $\frac{1}{4}$ NW $\frac{1}{4}$~~
~~40.0 acres NE $\frac{1}{4}$ SW $\frac{1}{4}$~~
~~8.4 acres NW $\frac{1}{4}$ SW $\frac{1}{4}$~~
~~8.4 acres SW $\frac{1}{4}$ SW $\frac{1}{4}$~~
~~40.0 acres SE $\frac{1}{4}$ SW $\frac{1}{4}$~~
~~32.0 acres NW $\frac{1}{4}$ SE $\frac{1}{4}$~~
~~32.0 acres SW $\frac{1}{4}$ SE $\frac{1}{4}$~~

Section 18

T. 2 N., R. 26 E., W. M.

~~31.0 acres NW $\frac{1}{4}$ NE $\frac{1}{4}$~~
~~38.5 acres SW $\frac{1}{4}$ NE $\frac{1}{4}$~~
~~8.2 acres SE $\frac{1}{4}$ NE $\frac{1}{4}$~~
~~9.0 acres NE $\frac{1}{4}$ NW $\frac{1}{4}$~~
~~17.1 acres SE $\frac{1}{4}$ NW $\frac{1}{4}$~~
~~17.0 acres NE $\frac{1}{4}$ SW $\frac{1}{4}$~~
~~6.0 acres SE $\frac{1}{4}$ SW $\frac{1}{4}$~~
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~~37.0 acres NW $\frac{1}{4}$ SE $\frac{1}{4}$~~
~~40.0 acres SW $\frac{1}{4}$ SE $\frac{1}{4}$~~
~~24.6 acres SE $\frac{1}{4}$ SE $\frac{1}{4}$~~

Section 19

T. 2 N., R. 26 E., W. M.

~~31.4 acres NE $\frac{1}{4}$ NE $\frac{1}{4}$~~
~~31.4 acres NW $\frac{1}{4}$ NE $\frac{1}{4}$~~
~~31.4 acres SW $\frac{1}{4}$ NE $\frac{1}{4}$~~
~~31.4 acres SE $\frac{1}{4}$ NE $\frac{1}{4}$~~
~~41.0 acres NW $\frac{1}{4}$ NW $\frac{1}{4}$~~
~~41.0 acres SW $\frac{1}{4}$ NW $\frac{1}{4}$~~
~~20.0 acres NE $\frac{1}{4}$ SW $\frac{1}{4}$~~
~~26.8 acres NW $\frac{1}{4}$ SW $\frac{1}{4}$~~
~~32.0 acres SW $\frac{1}{4}$ SW $\frac{1}{4}$~~
~~24.4 acres SE $\frac{1}{4}$ SW $\frac{1}{4}$~~
~~31.4 acres NE $\frac{1}{4}$ SE $\frac{1}{4}$~~
~~31.4 acres NW $\frac{1}{4}$ SE $\frac{1}{4}$~~
~~31.4 acres SW $\frac{1}{4}$ SE $\frac{1}{4}$~~
~~31.4 acres SE $\frac{1}{4}$ SE $\frac{1}{4}$~~

Section 20

T. 2 N., R. 26 E., W. M.

~~40.0 acres NE $\frac{1}{4}$ NE $\frac{1}{4}$~~
~~39.7 acres NW $\frac{1}{4}$ NE $\frac{1}{4}$~~
~~34.0 acres NE $\frac{1}{4}$ NW $\frac{1}{4}$~~
~~50.0 acres NW $\frac{1}{4}$ NW $\frac{1}{4}$~~

Section 30

T. 2 N., R. 26 E., W. M.

The right to the use of the water for the purposes aforesaid is restricted to the lands or place of use herein described, and is subject to the existing minimum flow policies established by the Water Policy Review Board.

WITNESS the signature of the Water Resources Director, affixed

this date.

November 23, 1976

James E. Sexson

Water Resources Director

Recorded in State Record of Water Right Certificates, Volume 35, page 43928

T-4159

61848

6-5194

Use 2.0 cfs for permit. SE
6.68 requested in app - RHY

INFO: MIKE WILLIAMS, FAR WEST FARM. THEY ARE REDOING
THEIR FARM THIS YEAR TO C.P. & SOME SOLID SET.
RIGHT NOW THEY HAVE 12 C.P. DONE & 12 MORE TO
GO.

WELL 3: U.S. MOTOR 500 HP @ 1750 RPM.

L/B. VERT. 12 DISCH.

D = 1195' SWL. = 330' C = 16" @ 200' 2280 gpm MAX
floc. Motor 175 at 344
Dec 79 374 pipe level = 175'
344 - 30.50 = 313.50
313.50 - 175 = 138.50
138.50 * 5.07 = 701.50
701.50 / 443 = 1.58

PIPE: 14" 13059' BURIED MAIN

12" 6895' BURIED MAIN

10" 5590' BURIED MAIN

8" 2690' BURIED MAIN

ASP pump = $\frac{(500)(7.0)}{(374) - (114.3)} = 7.17$

heads = $\frac{(12800) - (175)(6.6)}{443} = 29.45$

10" $\frac{10000}{374 - 175} = 6.99$

5" 5280' WHEELLINE

10" $\frac{10000}{374 - 175} = 6.65$

15800' C.P.

70" $\frac{10000}{374 - 175} = 6.65$

HEADS: 12 C.P. 840 gpm AVE.

132 RB 30's 3/16" X 0"

LIFT: +5

TIE: 172-43, 41, 38 PTS-1980-P-A

CROP: WHEAT, HAY
FIELD ENGINEER
12/26/1980

NOTES: THERE HAS ANYTHING BEEN
DONE SINCE 79 R.P. BY NORBY EXCEPT
C.P. IN PLACE OF WHEELLINE THIS LAST YEAR

From Marc Nortons flow meter report.
Well was used for irr in 84, 85, & 87
not used in 86 or 88.
OK to issue cert. AE
Description of works

T-4159
T-4156

Info: (Name, address, special remarks from the appl.) MIKE WILLIAMS
STATED THE PUMP & MOTOR IS PULLED & THEY ARE GOING
TO PUT IN A SMALLER PUMP & MOTOR. THEY DID NOT IRRIGATE
FROM THIS WELL LAST YEAR

Use: _____ If the use is supp'l does he use the primary? _____ If not,
Has it gone for five or more years without being used? _____

Well: D: 14.5 C: 16 SWL: 344 DD: 175 GPM MAX.: 2000

Art. Flow: _____ Measurement port, airline or other _____

Flow meter: _____ reading _____

Electric _____ reading _____

Pump and motor: Make US Hp 500 Rpm 1780 Booster Pump _____

Make LFB Intake _____ Discharge 12

Rating: GPM _____ Head _____ Pressure at pump: _____

Pipe: Main line-Size 14" Length 26400 Kind of pipe _____

Lateral lines: Size _____ Length _____ Kind of pipe _____

Remarks: 9 CP. 4 1/4 mile wheel lines

2 TRIMATICS 108 RB 30 5/32"
4 WHEEL LINES 33 RB 30 3/4"
Sprinkler Heads: Make _____ Size of Nozzles _____

Number of heads used 2 CP. Discharge capacity of each 2000 gpm
Operating pressure _____ Max at one time _____

Crop: WHEAT ALFALFA Lift: +1050-30 Tie: INSP.

Remarks by appl. THE WELL IS A TIED IN SYSTEM WITH THE OTHER
WELLS

Applicant's Signature _____

Remarks by Examiner: _____

3-4-82
Date

[Signature]
Water Right Examiner

*** OREGON WATER RESOURCES DEPARTMENT ***
*** WATER RIGHTS DIVISION ***
*** WATER RIGHT DATA INPUT FORM ***PAGE 1
RUN ON: 3/20/81 AT: 9:08WATER RIGHT NO. T000041591 PERMIT NO. 063777 CERTIF. NO.
ORIG. NO. G000040251 PREV. NO. G000040251 SUPER. NO.NAME: FAR WEST FARMSADDRESS: PO BOX 64CITY/STATE/ZIP/COUNTY: BOARDMAN, OR 97818

25

STREAM-ID

RIV.MI.

WM.DIST. 05 W.R. TYPE GA STATUS V

CANCEL YEAR--->

CONSTR.COMPLT---> 0523 1979YR.LAST USED-----> ---NEXT ACTION DUE---> ---PRIORITY-----> 08 07 1967PUT TO USE-----> 0523 1979LAST TRANS.DATE--> ---LAST TRANS.TYPE--> ---APPLICATION---> 02 15 1979

SURVEYED----->

EXAM.FEE-----> 20.00RECORDING FEE-----> 15.00PERMIT ISSUE---> 0523 1979

CONCURRENCE----->

CYCLE STATUS-----> ---REPORTED FLAG-----> ---CONSTR.STRT---> 0523 1979

CERTIFIED----->

CORRES.INIT.-----> ---CORRES.DATE-----> ---POINT-OF-DIVERSION DATA;
TWNSP RNGE SECT QTR/QTR STREAM-ID

RIV.MI.

RATE

STATUS S OR P

020N 260E 20 DB4.130VP020N 260E 18 DAPLACE-OF-USE DATA:
TWNSP RNGE SECT QTR/QTR CNTY USE % CNSMTV ACRES STATUS S OR P

SEE ATTACHED

** REMARKS;----->
** DATED--->** WDLF 1979 B3.** POA: WELL 1, 2970' N & 2910' E FM** SW COR S 20; WELL 3, 30'S &** 30' W FM NE COR NE 1/4 SE 1/4, S 18.** ADDS POA TO C-43928.

**----->

**----->

W.R.I.S.

Assembled 4-19-85 by SNPEntered --- by ---Verified --- by ---

(1)

PLACE - OF - USE DATA:

| TWNSP | RNGE | SECT | $\frac{1}{4}$ $\frac{1}{4}$ | CNTY | USE | % CNS | AC | ST | S/P | |
|-------|------|------|-----------------------------|------|-----|-------|-------|----|-----|--|
| 020N | 260E | 07 | AA | 25 | 1R | 100 | 40.00 | V | P | |
| | | | AB | | | | 24.80 | | | |
| | | | BC | | | | 37.00 | | | |
| | | | BD | | | | 21.50 | | | |
| | | | CA | | | | 31.00 | | | |
| | | | CB | | | | 51.00 | | | |
| | | | CC | | | | 51.00 | | | |
| | | | CD | | | | 31.00 | | | |
| | | 08 | AA | | | | 31.40 | | | |
| | | | AB | | | | 31.40 | | | |
| | | | AC | | | | 31.40 | | | |
| | | | AD | | | | 31.40 | | | |
| | | | BA | | | | 31.40 | | | |
| | | | BB | | | | 31.40 | | | |
| | | | BC | | | | 31.40 | | | |
| | | | BD | | | | 31.40 | | | |
| | | | DA | | | | 31.40 | | | |
| | | | DB | | | | 31.40 | | | |
| | | | DC | | | | 31.40 | | | |
| | | 08 | DD | | | | 31.40 | | | |

(2)

PLACE - OF - USE DATA:

| TWNSP | RNGE | SECT | $\frac{1}{4}$ $\frac{1}{4}$ | CNTY | USE | % CNS | AC | ST | S/P | |
|-------|------|------|-----------------------------|------|-----|-------|-------|----|-----|--|
| 020N | 260E | 17 | AA | 25 | 1R | 100 | 31.40 | V | P | |
| | | | AB | | | | 31.40 | | | |
| | | | AC | | | | 31.40 | | | |
| | | | AD | | | | 31.40 | | | |
| | | | CA | | | | 2.40 | | | |
| | | | CB | | | | 41.00 | | | |
| | | | CC | | | | 41.00 | | | |
| | | | CD | | | | 2.40 | | | |
| | | | DA | | | | 26.80 | | | |
| | | | DB | | | | 33.60 | | | |
| | | | DC | | | | 33.60 | | | |
| | | 17 | PD | | | | 26.80 | | | |
| | | 18 | AB | | | | 32.00 | | | |
| | | | AC | | | | 32.00 | | | |
| | | | BA | | | | 40.00 | | | |
| | | | BB | | | | 51.00 | | | |
| | | | BC | | | | 51.00 | | | |
| | | | BD | | | | 40.00 | | | |
| | | | CA | | | | 40.00 | | | |
| | | | CB | | | | 8.90 | | | |
| | | | CC | | | | 8.90 | | | |
| | | 18 | CD | | | | 40.00 | | | |

3

PLACE - OF - USE DATA:

| TWNSP | RNGE | SECT | $\frac{1}{4}$ $\frac{1}{4}$ | CNTY | USE | % CNS | AC | ST | S/P | |
|-------|------|------|-----------------------------|------|-----|-------|-------|----|-----|--|
| 020N | 260E | 18 | DB | 25 | 1R | 100 | 32.00 | V | P | |
| | | 18 | DC | | | | 32.00 | | | |
| | | 19 | AB | | | | 31.00 | | | |
| | | | AC | | | | 38.50 | | | |
| | | | AD | | | | 8.20 | | | |
| | | | BA | | | | 9.00 | | | |
| | | | BD | | | | 17.10 | | | |
| | | | CA | | | | 17.00 | | | |
| | | | CD | | | | 6.00 | | | |
| | | | DA | | | | 7.80 | | | |
| | | | DB | | | | 37.00 | | | |
| | | | DC | | | | 40.00 | | | |
| | | 19 | DD | | | | 24.60 | | | |
| | | 20 | AA | | | | 31.40 | | | |
| | | | AB | | | | 31.40 | | | |
| | | | AC | | | | 31.40 | | | |
| | | | AD | | | | 31.40 | | | |
| | | | BB | | | | 41.00 | | | |
| | | | BC | | | | 41.00 | | | |
| | | | CA | | | | 20.00 | | | |
| | | | CB | | | | 26.80 | | | |
| | | | CC | | | | 32.00 | | | |

Application for Transfer of Water Right

To the WATER RESOURCES DIRECTOR OF OREGON:

I, Far West Farms
(Name of applicant)
 of P. O. Box 64
(Mailing address), Boardman
(City)
 State of Oregon, 97818, 481-6251, do hereby make application ~~for change~~
(Zip Code) (Phone number)
Addition point of diversion
(In point of diversion; place of use; use heretofore made of the water)

1. Is the water right recorded in your name? yes
(If not, give name)
2. Was your water right determined by Decree of Court? no If so, give title of proceedings
(Yes or No)
 number of certificate
3. Was your water right acquired by Water Right Permit? yes If so, give number
(Yes or No)
 of permit G-3777 Number of certificate 43928

NOTE: If the entire right of record is not directly involved in the requested change, only that part of the right that is directly involved should be considered in answering the balance of the questions on this form.

4. The source of water is well
5. What is the date of priority of your water right? August 7, 1967
6. The authorized point of diversion is located 2470 ft. N and 2910 ft. E from the SW
(N. or S.) (E. or W.)
 corner of Sec 20 being within the NW 1/4 SE 1/4 of Section 20 Tp. 2N R. 26 E. W. M.,
(No. N. or S.) (No. E. or W.)
 in the county of Morrow The name of the ditch used is NA

NOTE: Answer question if the application is for change in point of diversion.

7. The proposed point of diversion is located 30 ft. S and 30 ft. W from the NE
(N. or S.) (E. or W.)
 corner of NE 1/4 SE 1/4 being within the NE 1/4 SE 1/4 of Section 18 Tp. 2N R. 26 E. W. M.,
(No. N. or S.) (No. E. or W.)
 in the county of Morrow The name of the ditch to be used is

8. The use to which the water is applied is Irrigation
(Irrigation, Mining, Power, Manufacturing, etc.)

Location of area irrigated, or place of use if other than irrigation:

| Township North or South | Range E. or W. of Willamette Meridian | Section | List $\frac{1}{4}$ - $\frac{1}{4}$ of Section | Number Acres To Be Irrigated |
|----------------------------|---|---------|---|------------------------------|
| SEE ATTACHED SHEET | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

(If more space required, attach separate sheet)

9. Are you the legal owner of the above described lands? yes
(If not owner, explain your interest)

10. To your knowledge, has any portion of the water right above described undergone a period of five or more consecutive years of nonuse? no
(Yes or No)

NOTE: Answer questions 11, 12 and 13 if application is for change in use or place of use.

11. Are the lands from which you propose to transfer your water right free of all encumbrances, including taxes, mortgages, liens, etc.?
(Answer Yes or No)

12. If not, give below a description of existing encumbrances:

| NATURE OF ENCUMBRANCE | HELD BY | AMOUNT |
|-----------------------|---------|--------|
| | | |
| | | |

13. The use to which the water is to be applied is
(Irrigation, power, mining, manufacturing, domestic supplies, etc.)

Location of area to be irrigated, or place of use if other than irrigation:

| Township North or South | Range E. or W. of Willamette Meridian | Section | List $\frac{1}{4}$ - $\frac{1}{4}$ of Section | Number Acres To Be Irrigated |
|----------------------------|---|---------|---|------------------------------|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

(If more space required, attach separate sheet)

14. Reasons for the proposed changes are to aid in obtaining water allowed
under certificate 43928. Also to give better dispersal of the underground
aquifer.

15. Construction work will be completed on or before completed

16. The water will be completely applied to the proposed use on or before completed

Remarks

NOTE: THIS APPLICATION MUST BE ACCOMPANIED BY A MAP OR MAPS SHOWING THE
BEFORE AND AFTER LOCATIONS OF THE POINT OF DIVERSION AND/OR PLACE OF
USE, AS THE CASE MAY BE.

AFFIDAVIT OF APPLICANT

I, John A. Prag, PARTNER, the applicant herein, being
first duly sworn, depose and say that I have read the above and foregoing application for transfer of water
right; that I know the contents thereof and that the statements therein made are true and correct to the best
of my knowledge and belief.

In Witness Whereof, I have hereunto set my hand this 12 day of February, 1979.

John A. Prag
(Name of applicant)

Subscribed and sworn to before me this 12 day of February, 1979.

[Notarial Seal]



Marilyn Warnock
NOTARY PUBLIC FOR OREGON

My commission expires 2-12-80



STATE OF OREGON

INTEROFFICE MEMO

TO: TRANSFERS, WATER RIGHTS DIVISION

DATE: March 1, 1979.

FROM: ** William I. Porfily, Watermaster

SUBJECT: WATER RIGHT TRANSFER APPLICATION NO. 4159

IN THE NAME OF Far West Farms

In my opinion the proposed change in additional point of appropriation from ground water
MAY BE MADE WITHOUT INJURY WOULD RESULT IN INJURY* to an existing water right.

Headgate notices HAVE ~~HAVE NOT~~ been issued for diversion from the sources which
serves this right.

If for change in point of diversion, is there any intervening point of diversion
between the authorized and the proposed points of diversion? No
(yes or no)

In my opinion, the order approving the subject transfer application should include
the following in regard to the appropriator installing suitable measuring devices
in the diversion works:

- X (1) PRIOR to the diverting of water at the new point of diversion . . .
_____ (2) When in the judgment of the watermaster it becomes necessary . . .

* The approval of this transfer application would result in injury to other water
rights because _____

Remarks: The answer to this question would be best answered by a Ground
Water Geologist.

**

William I. Porfily
Watermaster's signature or initials

RECEIVED
MAR 7 1979
WATER RESOURCES DEPT.
SALEM, OREGON

MEMORANDUM

TO: CHRIS WHEELER, ALBERT PETSKA & BILL BARTHOLOMEW

DATE: April 24, 1979

FROM: JIM CARVER *JWC*

SUBJECT: Far West Farms, Inc., Transfer Applications Nos. 4159 and 4160

No protest against approval of these applications for additional point of appropriation from ground water was filed within the statutory time limit and no notice was given to the applicant that a hearing would be held regardless of whether protests were filed; therefore, the applicants were not on notice to be prepared for a hearing to show that the proposed changes can be made in such a manner that injury would not result to other appropriators from the same aquifer. This having come to my attention during the late afternoon of Monday, April 23, there was no practical way to give notice of postponement of the hearing date.

Certificate 34928 describes a right for appropriation of 4.13 cfs under a priority date of August 7, 1967 from well No. 1, located within the NW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 20, T 2N, R 26E, for irrigation of a certain 2,240.4 acres.

By transfer application No. 4159, the applicant proposes to establish an additional point of appropriation under the said right, being well No. 63 in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 18.

Certificate 43929 describes a right to appropriate not to exceed 4.13 cfs under a priority date of February 10, 1969 from well No. 2, located within the NW $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 17, said township and range, for supplemental irrigation of the same certain 2,240.4 acres.

By transfer application No. 4160, the applicant proposes to establish an additional point of appropriation under the said right, also being well No. 63 in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 18.

Questions to be addressed by the Ground Water Division are:

(a) Do wells No. 1, No. 2, and No. 63 all develop water from the same aquifer?

(b) If the wells were operated in various combinations with well No. 63 being used, at times, to develop the entire 4.13 cfs of 1967 water plus the entire 4.13 cfs of 1969 water, would this result in interference with wells of other appropriators beyond the interference now experienced by the other appropriators as a result of pumping wells Nos. 1 and 2?

I am advised by Al Petska that Mr. Dick Hilsenkopf understands that the 1967 right is limited to a rate of 4.13 cfs and that the 1969 right is limited to a rate of 4.13 cfs, and that approval of the applications would not, in any way, increase their authority to take water from any combination of the three wells in excess of a total rate of 8.26 cfs.

378-3066

May 2, 1979

Far West Farms
P.O. Box 64
Boardman, Oregon 97818

RE: File No. T-4159, T-4160

Gentlemen:

The statutory fees and the cost of publication of notice, necessary to your water right transfer applications Nos. 4159 and 4160, amount to a total of \$120.37. The total of payments received in connection with the applications exceeded this amount by \$24.63.

Our refund check No. 3307 is enclosed.

Sincerely,

James W. Carver, Jr.
Engineer

JWC:lcj

378-3066

May 2, 1979

Gazette-Times
P.O. Box 337
Heppner, Oregon 97836

RE: File No. T-4159, T-4160

Gentlemen:

Enclosed is our check No. 3306 in the amount of
\$50.37 in payment of your statement.

Please receipt the enclosed statement and return
it to this office. Thank you.

Sincerely,

James W. Carver, Jr.
Engineer

JWC:lcj

AFFIDAVIT OF PUBLICATION

NOTICE OF WATER RIGHT TRANSFER APPLICATIONS NOS. 4159 & 4160

Notice is given hereby that applications have been filed in the office of the Water Resources Director by Far West Farms for approval of an additional point of appropriation from ground water, pursuant to the provisions of ORS 537.705.

The certificate recorded at page 43928, Volume 35, State Record of Water Right Certificates, in the name of Far West Farms—Oregon Ltd., describes a right for the use of not to exceed 4.13 cubic feet per second from a certain ground water aquifer for irrigation of a certain 2240.4 ac in N $\frac{1}{2}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ NW $\frac{1}{4}$, & SW $\frac{1}{4}$ of Sec 7; NE $\frac{1}{4}$, NW $\frac{1}{4}$, & SE $\frac{1}{4}$ of Sec 8; NE $\frac{1}{4}$, SW $\frac{1}{4}$, & SE $\frac{1}{4}$ of Sec 17; W $\frac{1}{2}$ NE $\frac{1}{4}$, NW $\frac{1}{4}$, SW $\frac{1}{4}$, & W $\frac{1}{2}$ SE $\frac{1}{4}$ of Sec 18; NW $\frac{1}{4}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ NE $\frac{1}{4}$, E $\frac{1}{2}$ NW $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$ of Sec 19; NE $\frac{1}{4}$, W $\frac{1}{2}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$, & SE $\frac{1}{4}$ of Sec 20, N $\frac{1}{2}$ NE $\frac{1}{4}$ & N $\frac{1}{2}$ NW $\frac{1}{4}$ of Sec 30, all in T 2N, R 26E, WM, with a date of priority of Aug. 7, 1967. Water for this right is diverted from well No. 1 located 2470 ft N & 2910 ft E from the SW Corner of Sec 20, being within the NW $\frac{1}{4}$ SE $\frac{1}{4}$ of Sec 20, T 2N, R 26E, WM.

The certificate recorded at page 43929, Volume 35 of said record, in the name of Far West Farms—Oregon Ltd., describes a right for the use of not to exceed 4.13 cfs from a certain ground water aquifer for supplemental irrigation of said 2240.4 ac, with a date of priority of Feb. 10, 1969. Water for this right is diverted from well No. 2 located 100 ft S & 1350 ft W from the NE Corner of Sec 17, being within the NW $\frac{1}{4}$ NE $\frac{1}{4}$ of Sec 17, T 2N, R 26E, WM.

The applicant herein, owner of the lands above described, proposes to establish an additional point of appropriation for said rights, without loss of priority, at a well located 30 ft S & 30 ft W from the NE Corner of the NE $\frac{1}{4}$ SE $\frac{1}{4}$ of Sec 18, being within the NE $\frac{1}{4}$ SE $\frac{1}{4}$ of Sec 18, T 2N, R 26E, WM.

All persons interested are notified hereby that a hearing will be held at the county courthouse at Heppner, Oregon, on April 24, 1979, at 9:30 a.m. All objections to the proposed changes, if any there are, will be heard at said time and place. Any and all objections to either application shall be prepared in writing: One copy to be served on Far West Farms, PO Box 50, Boardman, OR 97818; and one copy filed with the Water Resources Department, Salem, OR 97310, together with a \$10 filing fee, at least 10 days prior to the date set for hearing. IF NO OBJECTIONS ARE FILED, THE APPLICATION MAY BE APPROVED BY THE WATER RESOURCES DIRECTOR WITHOUT A HEARING. Administrative rules pertaining to the filing of a protest will be furnished by the Water Resources Dept. upon request.

Dated at Salem, Oregon this 21st day of February, 1979.

James E. Sexson
Director

Published March 1, 8, 15, 1979

STATE OF OREGON }
County of Morrow } ss:

I, Terry M. Hager

being first duly sworn, depose and say that I am the Managing Editor of the HEPPNER GAZETTE-TIMES, a newspaper of general circulation, as defined by O.R.S. 193.010 and 193.020; printed and published at Heppner, Oregon: that the Notice of Water Right Transfer Applications Nos. 4159 & 4160

a printed copy of which is hereto annexed, was published in the entire issue of said newspaper for three successive and consecutive weeks in the following issues: March 1, 8, & 15, 1979

Subscribed and sworn before me this 30th day of March, 1979.

Lillian H. Saling
Notary Public for Oregon

My Commission Expires: May 25, 1982
(SEAL)

AFFIDAVIT OF PUBLICATION

NOTICE OF WATER RIGHT TRANSFER APPLICATIONS NOS. 4159 & 4160

Notice is given hereby that applications have been filed in the office of the Water Resources Director by Far West Farms for approval of an

People interested in taking
early registr
BMCC batik

was recently inducted into
Mr. and Mrs. Bob Davidson,
former Lexington residents
Anita Davidson, daughter of
hostess Joyce Buchanan.
Jones, Dorothy Burcham, and
Peck, Josie Peck, Delpha
Millian, Hilda Vocom, Virginia
Leila Palmer, Florence Mc-
Those attending included
at the Three Links meeting.
projects were also discussed
raising projects and craft
7:30 p.m. Possible fund
which will run from 6:30 to
following the stew supper,
Cards will start at 8 p.m.,
made pies.

feature a variety of home-
coffee. The dessert is to
those wishing only dessert and
and cards, and 65 cents for
event was set at \$3 for stew
March 17 at the Lexington
1000F Hall. Admission to the
scheduled for Saturday
stew supper and card party
sed regarding the upcoming
presiding. Plans were discus-
chairman Dorothy Burcham
Thursday afternoon, with

home of Joyce Buchanan
\$17.00
Eastern Shirts
Pamhandle Slim

RECEIVED

APR 03 1979

WATER RESOURCES DEPT.
SALEM, OREGON

STATE OF OREGON }
County of Morrow } ss:

I, Terry M. Hager

being first duly sworn, depose and say that I
am the Managing Editor of the HEPP-
NER GAZETTE-TIMES, a newspaper of gen-
eral circulation, as defined by O.R.S. 193.010
and 193.020; printed and published at Heppner,
Oregon: that the Notice of water Right...
Transfer Applications Nos. 4159 &
4160

a printed copy of which is hereto annexed, was
published in the entire issue of said newspaper
for three successive and consecutive
weeks in the following issues: March 1, 8,
& 15, 1979

Subscribed and sworn before me this
30th day of March, 1979

Edison H. Salong
Notary Public for Oregon

My Commission Expires: May 25, 1982
(SEAL)

NOTICE OF WATER RIGHT TRANSFER APPLICATIONS NOS. 4159 & 4160

Notice is given hereby that applications have been filed in the office of the Water Resources Director by Far West Farms for approval of an additional point of appropriation from ground water, pursuant to the provisions of ORS 537.705.

The certificate recorded at page 43928, Volume 35, State Record of Water Right Certificates, in the name of Far West Farms - Oregon, Ltd., describes a right for the use of not to exceed 4.13 cubic feet per second from a certain ground water aquifer for irrigation of a certain 2240.4 ac in $N\frac{1}{2}$ $NE\frac{1}{4}$, $S\frac{1}{2}$ $NW\frac{1}{4}$, & $SW\frac{1}{4}$ of Sec 7; $NE\frac{1}{4}$, $NW\frac{1}{4}$, & $SE\frac{1}{4}$ of Sec 8; $NE\frac{1}{4}$, $SW\frac{1}{4}$, & $SE\frac{1}{4}$ of Sec 17; $W\frac{1}{2}$ $NE\frac{1}{4}$, $NW\frac{1}{4}$, $SW\frac{1}{4}$, & $W\frac{1}{2}$ $SE\frac{1}{4}$ of Sec 18; $NW\frac{1}{4}$ $NE\frac{1}{4}$, $S\frac{1}{2}$ $NE\frac{1}{4}$, $E\frac{1}{2}$ $NW\frac{1}{4}$, $E\frac{1}{2}$ $SW\frac{1}{4}$, & $SE\frac{1}{4}$ of Sec 19; $NE\frac{1}{4}$, $W\frac{1}{2}$ $NW\frac{1}{4}$, $SW\frac{1}{4}$, & $SE\frac{1}{4}$ of Sec 20, $N\frac{1}{2}$ $NE\frac{1}{4}$ & $N\frac{1}{2}$ $NW\frac{1}{4}$ of Sec 30, all in T 2N, R 26E, WM, with a date of priority of Aug. 7, 1967. Water for this right is diverted from well #1 located 2470 ft N & 2910 ft E from the SW Corner of Sec 20, being within the $NW\frac{1}{4}$ $SE\frac{1}{4}$ of Sec 20, T 2N, R 26E, WM.

The certificate recorded at page 43929, Volume 35 of said record, in the name of Far West Farms - Oregon, Ltd., describes a right for the use of not to exceed 4.13 cfs from a certain ground water aquifer for supplemental irrigation of said 2240.4 ac, with a date of priority of Feb. 10, 1969. Water for this right is diverted from well #2 located 100 ft S & 1350 ft W from the NE Corner of Sec 17, being within the $NW\frac{1}{4}$ $NE\frac{1}{4}$ of Sec 17, T 2N, R 26E, WM.

The applicant herein, owner of the lands above described, proposes to establish an additional point of appropriation for said rights, without loss of priority, at a well located 30 ft S & 30 ft W from the NE Corner of the $NE\frac{1}{4}$ $SE\frac{1}{4}$ of Sec 18, being within the $NE\frac{1}{4}$ $SE\frac{1}{4}$ of Sec 18, T 2N, R 26E, WM.

All persons interested are notified hereby that a hearing will be held at the county courthouse at Heppner, Oregon, on April 24, 1979, at 9:30 a.m. All objections to the proposed changes, if any there are, will be heard at said time and place. Any and all objections to either application shall be prepared in writing: One copy to be served on Far West Farms, PO Box 50, Boardman, OR 97818; and one copy filed with the Water Resources Department, Salem, OR 97310, together with a \$10 filing fee, at least 10 days prior to the date set for hearing. IF NO OBJECTIONS ARE FILED, THE APPLICATION MAY BE APPROVED BY THE WATER RESOURCES DIRECTOR WITHOUT A HEARING. Administrative rules pertaining to the filing of a protest will be furnished by the Water Resources Dept. upon request.

Dated at Salem, Oregon this 21st day of February, 1979.

James E. Sexson
Director



Water Resources Department
MILL CREEK OFFICE PARK

555 13th STREET N.E., SALEM, OREGON 97310

PHONE 378-3066

February 21, 1979

Gazette Times
P.O. Box 337
Heppner, Oregon 97836

RE: Files Nos. T-4159, T-4160

Gentlemen:

Enclosed is a notice for publication in the March 1, 8 and 15, 1979, issues of your newspaper.

If, for any reason, the notice cannot be published on the three dates specified above, please return it to this office.

Upon completion, please forward an affidavit of publication and statement for this service to this office.

Sincerely,

Wayne J. Overcash
Water Rights Engineer

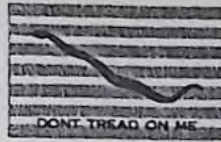
WJO:lcj
cc: Far West Farms
cc: William I. Porfily, Watermaster

RECEIVED

MAR - 5 1979

WATER RESOURCES DEPT
 TELEPHONE: 503/481-6251
 MAIL ADDRESS: P.O. BOX 50
 BOARDMAN, OREGON 97818

FAR-WEST FARMS



1776-1976

OFFICE

#1 LANDMARK SQUARE - SOUTH MAIN & KINKADE AVENUE
 FARM - BOMBING RANGE ROAD

March 2, 1979

Mr. James E. Sexson, Director
 Water Resources Department
 Mill Creek Office Park
 555 13th Street NE
 Salem, Oregon 97310

Dear Mr. Sexson,

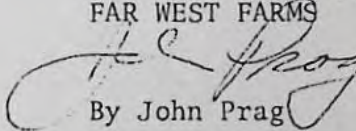
I would like to take this opportunity to thank you very much for your time and your consideration of our request for a stay of the ground water order.

I am, of course, quite disappointed that there is nothing that could be done at the present time. I will be meeting with Mr. John Lewis, our attorney, today to see what additional steps can be made to expedite the decision of the Court of Appeals.

I would like to correct one thing in your letter of February 28 regarding the Far West filing for application for a change in point of diversion. That filing was to change a previously proposed river irrigation project from Willow Creek to the Columbia Improvement District Pumping Stations on the Columbia River. Further, we also filed a request for a supplemental or additional point of diversion to draw the allocated 3700 acre feet of water from our wells 37 and 57 so that we may spread over three well sites the water allocated to us under the order from those two wells. I would hope that it would be possible, Mr. Sexson, to expedite as rapidly as possible this request so that we may better spread our drawing of water from the ground water table, doing less damage to our two allocated well sites.

Again, I thank you for your time in seeing us.

Yours very truly,
 FAR WEST FARMS


 By John Prag

JP:mj



STATE OF OREGON

INTEROFFICE MEMO

TO: TRANSFERS, WATER RIGHTS DIVISION

DATE: April 30th, 1979.FROM: ** Wm. S. BartholomewSUBJECT: WATER RIGHT TRANSFER APPLICATION NO. 4160IN THE NAME OF Far West Farms

In my opinion the proposed change in additional point of appropriation from ground water
MAY BE MADE WITHOUT INJURY WOULD RESULT IN INJURY* to an existing water right.

Headgate notices HAVE HAVE NOT been issued for diversion from the sources which
serves this right.

If for change in point of diversion, is there any intervening point of diversion
between the authorized and the proposed points of diversion? _____
(yes or no)

In my opinion, the order approving the subject transfer application should include
the following in regard to the appropriator installing suitable measuring devices
in the diversion works:

- ✓ (1) PRIOR to the diverting of water at the new point of diversion . . .
_____ (2) When in the judgment of the watermaster it becomes necessary . . .

* The approval of this transfer application would result in injury to other water
rights because pumping a third well (#63) will result in increased pumping lifts
in neighboring wells (2 miles +) having earlier water right priorities. Calculated interference
effects are substantial. Request is for a third diversion site rather than for a true transfer
of diversion point. I have requested drawdown and pumpage data from FWF on several occasions.
No drawdown data has been received to date (5/4/79). Recommend use of well #63 be denied.
5/4/79- Phone call received from John Dick Hilson re see attached drawdown data reported.
WSB.

** Wm. S. Bartholomew
Watermaster's signature or initials

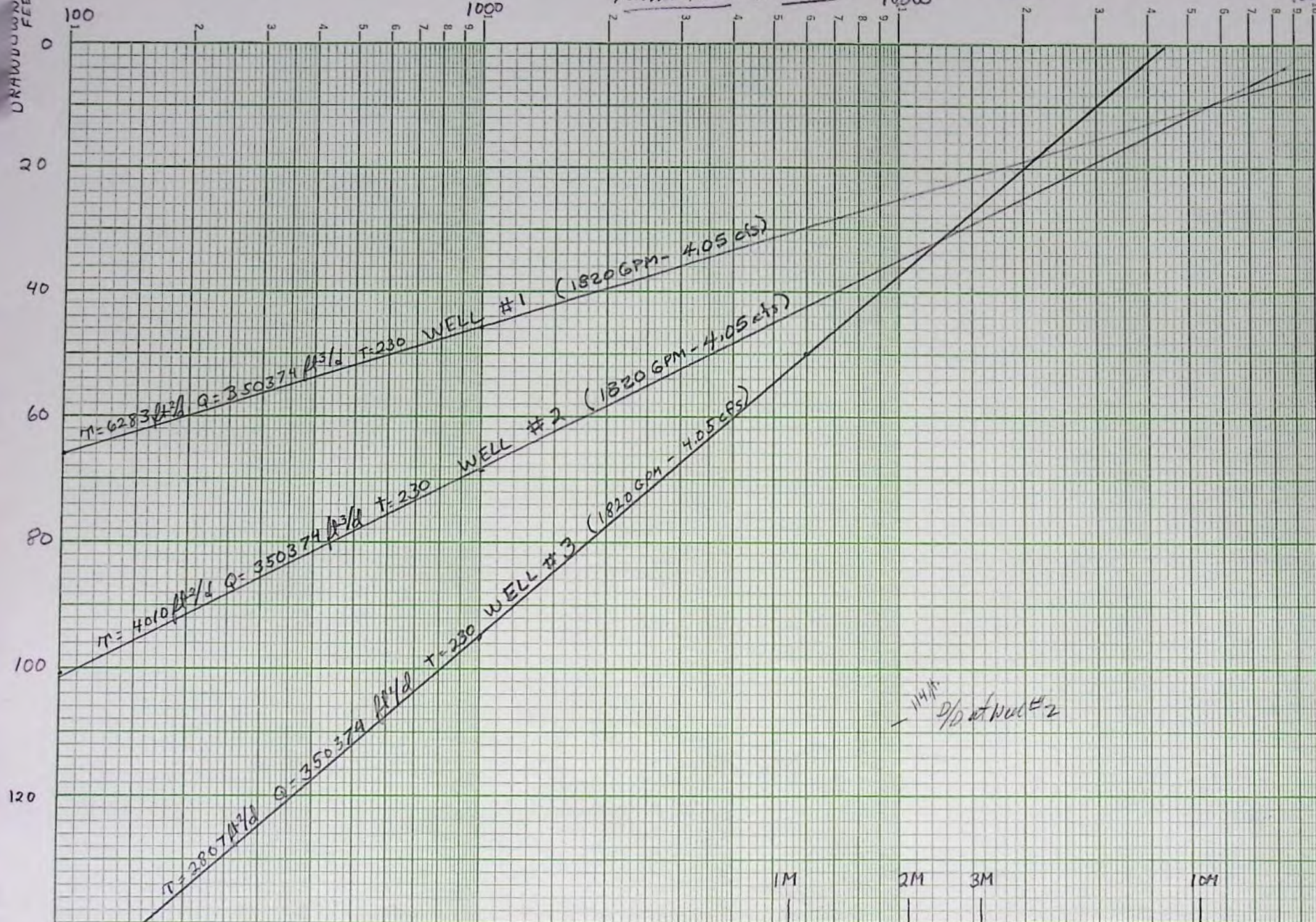
$Q = 1820 \text{ gpm}$

Fair West Farms, Well 1 & 2

10,000

100,000

DRAWDOWN IN FEET



Butter Creek Critical area

K&E

SEMI-LOGARITHMIC 46 5490
3 CYCLES X 70 DIVISIONS MADE IN U.S.A.

Sand Hollow Sub-Area.

DISTANCE IN FEET = 37, 57, 63

Far West Farms Wells #1, 2, 3.

(A)

$t = 230 \text{ Days}$
 $G_{a1} = 1520 \text{ yd}^3/\text{d}$
 $G_{a2} = 1200 \text{ yd}^3/\text{d}$
 $G_{a3} = 1000 \text{ yd}^3/\text{d}$

2/21/79 WSH-

Distance Drawdown

Thies

10,000

100,000

DRAWDOWN
IN FEET

100

10

20

30

40

50

60

1000

WELL No. 1 (1500 GPM - 3.34 cfs)
WELL No. 2 (1200 GPM - 2.67 cfs)
WELL No. 3 (1000 GPM - 2.23 cfs)

$\tau = 6283 \text{ ft}^2/\text{d}$ $Q = 288770 \text{ ft}^3/\text{d}$ $\tau = 230 \text{ d}$
 $\tau = 4010 \text{ ft}^2/\text{d}$ $Q = 231016 \text{ ft}^3/\text{d}$ $\tau = 230 \text{ d}$
 $\tau = 2507 \text{ ft}^2/\text{d}$ $Q = 192513 \text{ ft}^3/\text{d}$ $\tau = 230 \text{ d}$

104 ft. #1

#2 114 ft. 500

1M

2M

3M

10M

$$3768 \text{ AF/YR} = 3706 \text{ gal/min}$$

$$S = 1 \times 10^{-4}$$

Dist. Drawdown graphs

#1

#2

#3

$$Q = 1500 \text{ gpm} \quad 288770 \text{ ft}^3/\text{d}$$

$$1200 \text{ gpm} = 231016 \text{ ft}^3/\text{d}$$

$$15820 \text{ } 1000 \text{ gpm } 192513$$

$$T = 47000 \text{ gal/d} \quad 6283 \text{ ft}^3/\text{d}$$

$$T = 30,000 \quad 4010 \text{ ft}^3/\text{d}$$

$$T = 21000 \quad 2807$$

$$+ 230 \text{ days}$$

$$r_1 \quad 1000 \text{ ft} \quad S_1 \quad 38'$$

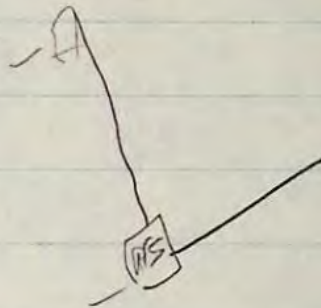
$$S_1 \quad 45.6$$

$$S_1 \quad 52.3$$

$$r_2 \quad 10000 \text{ ft} \quad S_2 \quad 21.2'$$

$$S_2 \quad 24.5$$

$$S_2 \quad 27.2$$



$$\begin{array}{r} 390 \text{ (3 wells)} \\ 327 \\ \hline 717 \text{ One Pump last} \end{array}$$

$$2 \text{ well } 390$$

+

P. level

#1

$$S = 1 \times 10^{-4}$$

#2

$$Q = 1820 = 350374 \text{ ft}^3/\text{d}$$

$$Q = 1820 \quad 350374 \text{ ft}^3/\text{d}$$

$$T = 47000 = 6283 \text{ ft}^3/\text{d}$$

$$T = 30,000 \quad 4010 \text{ ft}^3/\text{d}$$

$$t = 230$$

$$t = 230$$

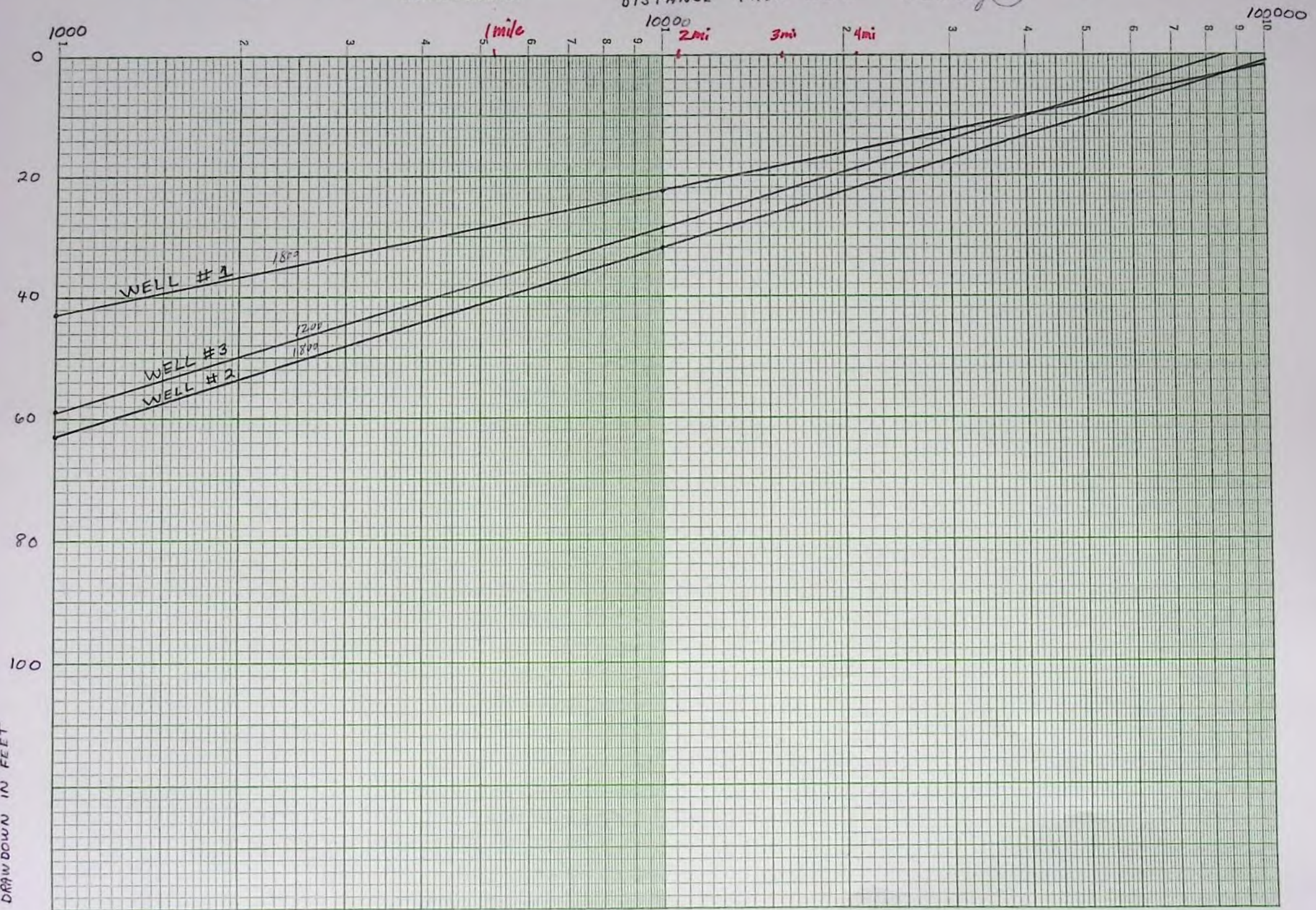
$$r_1 \quad 100 \quad S_1 \quad 66.5$$

$$r_1 \quad 100 \quad S_1 \quad 101.1$$

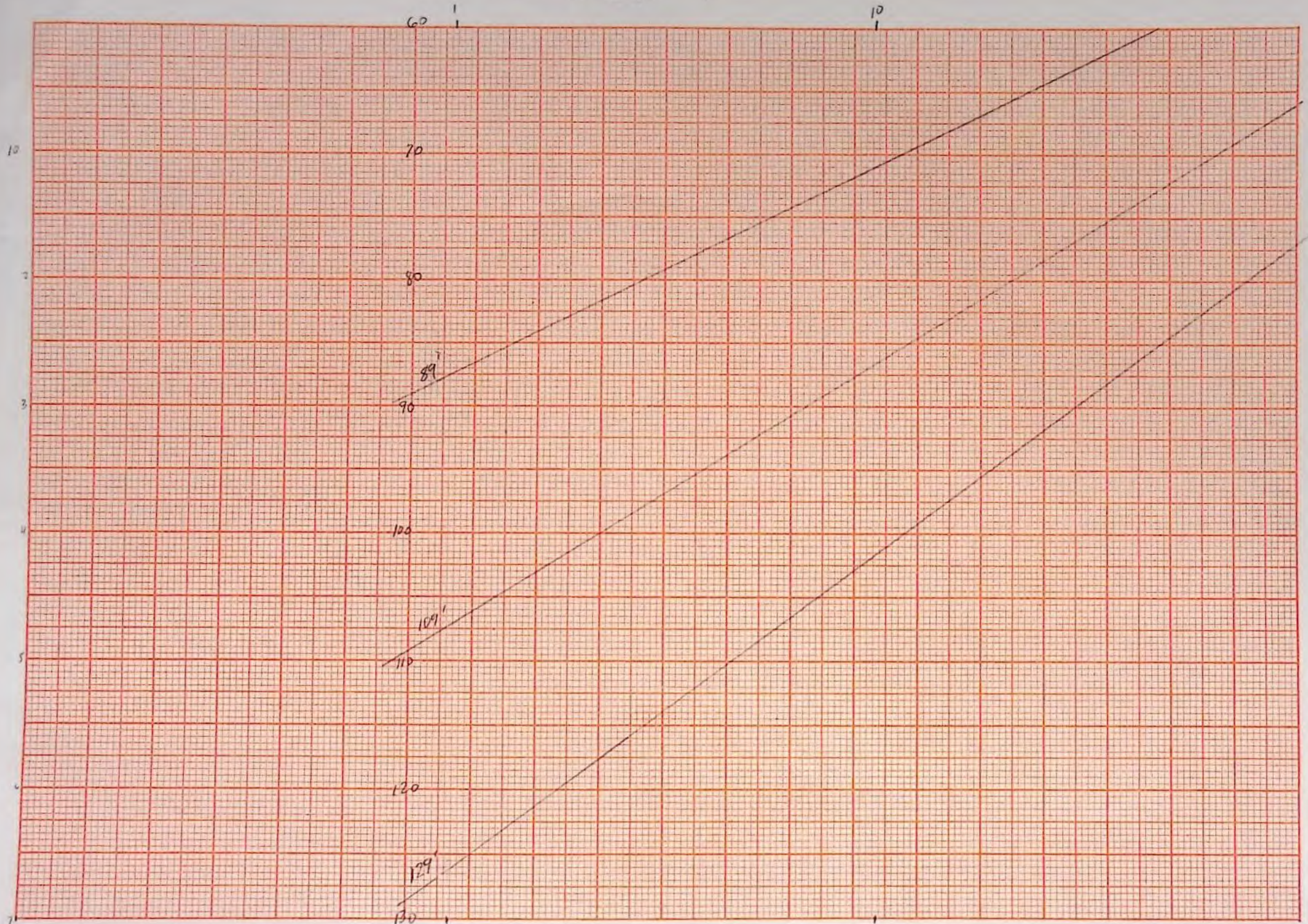
$$r_2 \quad 1000 \quad S_2 \quad 46.1$$

$$r_2 \quad 1000 \quad S_2 \quad 69.1$$

DISTANCE FROM WELL 120 days t



Combined D/D = 327 ft.



Reported Drawdown Data — Dick Hilsenkopf

Far West Farms Pumping info: 5/4/79

12/27/78

4/18/79

5/4/79

Airline length

$T = 115,000 \text{ } Q = 2400$

Well #

1 NO meas.

80 # st. SWL
184.8 455.2

(41.6) D/D on for 7 days
62 # P.O. 496.8 640 feet
143.2

#2 96 # st. 338.3
221.7

96 # st. 338.3 SWL
221.7

(9.2) D/D
92 # st. 347.5 560 ft.
212.5

#3 32 # st. 486.1
73.9

27 # st. 497.6 SWL
62.4

(62.4 ft) D/D
Can't Read P.O. 560 ft.
 $T = 41,666 \text{ at } Q = 1300$
↑
Pumping 3800 from wells 1 & 3.

#63 Far West Farms

1978 Total
Pumpage metered 78

Total 1038.795
Way Short

1. #37 858.806 ac/ft #63 174.667 ac/ft. 346.8 Ac?

#57 5.322 ac/ft errors claimed due to meter damage
meter shut down

2. Pumping levels #37 ^{Can't measure} #57 ^{Can't measure}
#63 468' wt. AL. WSS

3. Est. Change of Pumping level
when operating as proposed

#1 — #37 Ind. D/p Composite
89'

#2 — #57 109'

#3 — #63 129'

327 feet Total 3 wells

4. Est. total pumpage for 1978 is 3700 ac/ft. 3768 Dots

#1 2200 gpa

#2 2000

#3 1500

Qc = 1500 for D/g graph.

Qc = 1200

Qc = 1000

5. Met.

| | | | |
|---------------|----|------|----|
| 3.46524 | 05 | STD | 11 |
| 3.46524 | 05 | | |
| 3.46524 | 05 | ISTF | 0 |
| | | CLR | |
| 0. | | RCL | 6 |
| 1000. | | | |
| 1000. | | X2 | |
| 1000000. | | | |
| 1000000. | | ÷ | |
| 1000000. | | RCL | 7 |
| 120. | | | |
| 120. | | X | |
| 8333.333333 | | RCL | 12 |
| 0.0001 | | | |
| 0.0001 | | ÷ | |
| .83333333333 | | RCL | 10 |
| 6283. | | | |
| 6283. | | ÷ | |
| 4. | | = | |
| .0000331583 | | | |
| .0000331583 | | SBR | |
| | | A* | |
| .0000331583 | | STD | 8 |
| .0000331583 | | | |
| | | CLR | |
| 1.-06 | | XIT | |
| 0.00 | | | |
| 0.00 | | RCL | 8 |
| 3.3158258-05 | | | |
| 3.3158258-05 | | STD | 9 |
| 3.3158258-05 | | | |
| 3.3158258-05 | | LNx | |
| -1.0314219 01 | | | |
| -1.0314219 01 | | + | |
| 5.7721566-01 | | = | |
| -9.7370031 00 | | | |
| 9.7370031 00 | | + | |
| 9.7370031 00 | | RCL | 8 |
| 3.3158258-05 | | | |
| 3.3158258-05 | | = | |
| 9.7370363 00 | | | |
| 9.7370363 00 | | STD | 1 |
| 9.7370363 00 | | | |
| 9.7370363 00 | | RCL | 9 |
| 3.3158258-05 | | | |
| 3.3158258-05 | | ÷ | |
| 3.3158258-05 | | (| |
| 1.00 | | + | |
| 1.00 | | SUM | 2 |
| 1.00 | | | |

| | | |
|----------------|-----|----|
| 1. 00 | RCL | 2 |
| 1. 0327126 04 | | |
| 1. 0327126 04 |) | |
| 1. 0328126 04 | | |
| 1. 0328126 04 | X2 | |
| 1. 0667019 08 | | |
| -1. 0667019 08 | X | |
| -3. 108484-13 | RCL | 2 |
| 1. 0327126 04 | | |
| 1. 0327126 04 | X | |
| -3. 2101706-09 | RCL | 8 |
| 3. 3158258-05 | | |
| 3. 3158258-05 | = | |
| -1. 0644367-13 | | |
| -1. 0644367-13 | SUM | 1 |
| -1. 0644367-13 | | |
| -1. 0644367-13 | STD | 9 |
| -1. 0644367-13 | | |
| -1. 0644367-13 | ÷ | |
| -1. 0644367-13 | RCL | 1 |
| 9. 7370363 00 | | |
| 9. 7370363 00 | = | |
| -1. 0931834-14 | | |
| -1. 0931834-14 | I×I | |
| 1. 0931834-14 | | |
| 1. 0931834-14 | GE | |
| | IFF | |
| | CLR | |
| 0. | STD | 2 |
| 0. | | |
| 0. | RCL | 1 |
| 9. 737036264 | | |
| 9. 737036264 | RTN | |
| 9. 737036264 | RCL | 10 |
| 6283. | | |
| 6283. | X | |
| 4. | X | |
| 3. 141592654 | π | |
| 3. 141592654 | ÷ | |
| 78954. 50657 | RCL | 1 |
| 9. 737036264 | | |
| 9. 737036264 | = | |
| 8108. 679523 | | |
| 8108. 679523 | IFF | 0 |
| | GE | |
| 8108. 679523 | 1/X | |
| . 0001233246 | | |
| . 0001233246 | X | |
| . 0001233246 | RCL | 11 |
| 346524. | | |
| 346524. | = | |
| 42. 73494827 | | |
| 42. 73494827 | RTN | |

 D/d at 1000 ft.



STATE OF OREGON

INTEROFFICE MEMO

TO: TRANSFERS, WATER RIGHTS DIVISION

DATE: _____, 19__.

FROM: ** _____

SUBJECT: WATER RIGHT TRANSFER APPLICATION NO. 4160IN THE NAME OF Far West Farms

In my opinion the proposed change in additional point of appropriation from ground water
MAY BE MADE WITHOUT INJURY WOULD RESULT IN INJURY* to an existing water right.

Headgate notices HAVE HAVE NOT been issued for diversion from the sources which
serves this right.

If for change in point of diversion, is there any intervening point of diversion
between the authorized and the proposed points of diversion? _____
(yes or no)

In my opinion, the order approving the subject transfer application should include
the following in regard to the appropriator installing suitable measuring devices
in the diversion works:

- _____ (1) PRIOR to the diverting of water at the new point of diversion . . .
_____ (2) When in the judgment of the watermaster it becomes necessary . . .

* The approval of this transfer application would result in injury to other water
rights because _____

**

Watermaster's signature or initials

FWF

12/274/185/4length -

AL

1 X

$$\begin{array}{r} 80.5 \\ \hline 184.8 \end{array}$$

$$\begin{array}{r} * \\ 62.90 \\ \hline 143.22 \end{array}$$

640 (7)

2 96#s
221.76
$$\begin{array}{r} 96.5 \\ \hline 221.76 \end{array}$$

$$\begin{array}{r} 92.5 \\ \hline 212.52 \end{array}$$

560

3 32#s
73.92
$$\begin{array}{r} 27.5 \\ \hline 62.37 \end{array}$$
X po

560 (3)

3800 gpm

Ph call 5/4/79
Dick Hillsinger (3 PM)?
 Bent

53.5 ft

560

$$\begin{array}{r} 640 \\ 184.8 \\ \hline 455.2 \end{array}$$

$$\begin{array}{r} 640 \\ 143.27 \\ \hline 496.78 \\ 455 \\ \hline 41. \end{array}$$

THEIS EQUATION

Bar

$$T = \frac{Q}{4\pi s} W_u \quad \text{where: } u = \frac{r^2 S}{4Tt}$$

New units (ft²/day)

$$T \left(\frac{\text{ft}^2}{\text{day}} \right) = 15.32 \frac{Q}{s} W_u$$

t = time in days

Q = gal/min

$$s \text{ (ft)} = 15.32 \frac{Q}{T} W_u$$

Old units (gal/day/ft)

$$T \text{ (gal/day/ft)} = 114.59 \frac{Q}{s} W_u \quad \text{where } u = \frac{1.87 r^2 S}{Tt} \quad \text{when } t \text{ is in days}$$

$$s = 114.59 \frac{Q}{T} W_u$$

$$\text{or } u = \frac{2692.8 r^2 S}{Tt} \quad \text{when } t \text{ is in minutes}$$

Spec #1 22.5 gpm/ft. = drops of 500 gpm in each well if #63 pumps
 #2 14.0 " " =

FAR WEST FARMS

1979

CROPPING PLAN AND WATER REQUIREMENTS
 OSU SPECIAL REPORT 521

RECEIVED

FEB 26 1979

WATER RESOURCES DEPT.
 SALEM, OREGON

| Month | 350 acres mint | | | 210 acres alfalfa | | | 1100 acres irr. wheat | | | Total ac ft. |
|--------|----------------|------|------------|-------------------|------|-----------|-----------------------|--------|-------------|-----------------|
| | (a-i/ac) | T-i | ac ft. | (a-i/ac) | T-i | ac ft. | (a-i/ac) | T-i | ac ft. | |
| April | 2.3 | 575 | 48 1.6/d | 4.3 | 903 | 75 2.5/d | 2.3 | 2530 | 210 7/d | 333.9 11.1/d |
| May | 3.6 | 900 | 75 2.4/d | 6.1 | 1281 | 106 3.4/d | 6.0 | 6600 | 550 17.7/d | 731 23.6/d |
| June | 9.9 | 2475 | 206 6.8/d | 8.9 | 1869 | 155 5.1/d | 11.0 | 12,100 | 1008 33.6/d | 1369 45.6/d |
| July | 15.3 | 3825 | 318 10.2/d | 12.1 | 2541 | 212 6.5/d | 6.4 | 7040 | 586 18.9/d | 1116 36/d |
| August | 10 | 2500 | 208 6.9/d | 10.6 | 2236 | 185 6.9/d | | | | 393 1.2/d |
| Sept. | 2 | 750 | 63 2.0/d | | | | | | | 63 2.0/d |
| Total | | 917 | | | 733 | | | | | 4004 |

3.49 ac/ft.

2.62 ac/ft.

2.14 ac/ft./acre.

2,354

23,500

4004

Using three wells and pumping 6000 gpm = 1.10 acre feet of water per hour = 26.4 acre feet per day = 792 acre feet per month.

Using two wells and pumping 4000 gpm = .74 acre feet of water per hour = 17.68 acre feet per day = 530 acre feet per month.

3 wells x 1544.6 = 3768 in 184 days
 2 well x 2317 gpm = 3768 in 184 days

1854 gpm

5.91 cfs.
 16.38 cfs.
 8.26 cfs.
 3768 in 230 days

authorized 1884 ac/ft for well #1
 " " " well #2
 3768 " Total

Est. 9/d - 120 days
 #1 1800
 #2 1800
 #3 1200
 4800 gpm

6693 gpm

10,326 gpm
 3442/3 gpm

2 wells
 1772 gpm

Specific Capacity

Far West Farms - John Prag

$$\frac{Q}{S_w} \approx \frac{4\pi T}{2.30 \log_{10} \frac{2.25 T t}{r_w^2 S}}$$

#1 | Well # 37 2N/26E - 20 dbb 16" - 1000'

SWL 7/6/67 166 ft. Pump level 280' 78°F

Q = 2880 / 134' 00" - 8 hrs

21.49 $\frac{g}{s}$

#2 | Well # 57 2N/26E - 17 aba 15" - 1103'

SWL 171' 9/15/69

Q = 2513 / 194' - 2 hrs Pump level 69°F 12.9 $\frac{g}{s}$

2610 / 209 - 2 hrs

12.5

1810 / 124 - 4 hrs

14.6

#3 | Well # 63 2N/26E - 18 daa 15" - 1145'

2N/26E - 18 daa

SWL 205 - 7/22/70

See Hydro.

Q = 2000 / 195 - 10 hrs

Pump level

75°F

10.75

SWL

Butler Creek Critical Area

$$Q = 2880 \text{ gpd} = 134 \text{ ft}^3/\text{d}$$

$$t = 8 \text{ hrs}$$

$$r = 8'' = .67'$$

$$r^2 =$$

$$T_c = 21,000$$

$$S = 0.0001$$

Far West Farms Well #1 (37) 2/21/79

$$S = 114.6 \frac{Q}{T} W_u$$

$$u = \frac{1.87 r^2 S}{T t}$$

$$T = 114.6 \left(\frac{Q}{S} \right) W_u$$

$$T = 114.6 \left(\frac{2880}{134} \right) W_u$$

$$T = 2463 \cdot (W_u)$$

$$T = 2463 (20.6569)$$

$$T = \underline{50,878 \text{ gpd/ft.}}$$

$$u = \frac{1.87 r^2 S}{T_c t}$$

$$u = \frac{1.87 (.67)(10^{-4})}{21(10^{-4}) \cdot 6.7(10^{-1})}$$

$$u = 1.87 (.4489)(10^{-4})$$

$$u = \frac{8.39(10^{-5})}{1.407(10^{-4})} = 5.9(10^{-9})$$

$$\underline{W_u = 20.6569}$$

$$T_c = 2463 \cdot W_u$$

$$T_c = 2463 \cdot 19.2706$$

$$T_c = \underline{47,463 \text{ gpd/ft.}}$$

$$u = \frac{8.39(10^{-5})}{50,878(.67)} = \frac{8.39(10^{-5})}{3.41(10^{-4})}$$

$$u = 2.46(10^{-9})$$

$$\underline{W_u = 19.2706}$$

$$ET = 21.49 \times 2000 = \underline{42,980 \text{ cfs.}}$$

5/3/79

3549.9 AF =

1288613 ft³/d

1

$\eta = 6283$

$S = 1 \times 10^{-4}$

$T = 120$

$Q = 346524$

2

4010

1×10^{-4}

120
1000

3

2807 ft³/d

1×10^{-4}

120 d
1200

231616

$r_1 = 1000$

$r_2 = 10000$

$r_1 = 1000$

$r_2 = 10000$

$r_1 = 1000$

$r_2 = 10000$

$S_1 = 58.5$

$S_2 = 28.4$

1

$\eta = 6283$

$S = 1 \times 10^{-4}$

$T = 120$
1800 gpm

$Q = 346524$

$r_1 = 1000$

$r_2 = 10,000$

$S_1 = 42.7$

$S_2 = 22.5$

2

4016 ft³/d

1×10^{-4}

120

1800 gpm

346524

$r_1 = 1000$

$r_2 = 10,000$

$S_1 = 63.4$

$S_2 = 32.2$

FAR-WEST FARMS



TELEPHONE: 503-481-6251
MAIL ADDRESS: P.O. BOX 50
BOARDMAN, OREGON 97818

1776-1976

OFFICE

#1 LANDMARK SQUARE - SOUTH MAIN & KINKADE AVENUE
FARM - BOMBING RANGE ROAD

April 26, 1979

RECEIVED
APR 27 1979
WATER RESOURCES DEPT.
SALEM, OREGON

Mr. James Sexson, Director
Water Resources Department
555 13th Street NE
Salem, Oregon 97310

Dear Jim,

Far West Farms has made an application for an additional point of diversion for Certificate No. 43929 and Certificate No. 43928 that received no objection from anybody during the newspaper publishing time.

We have received some verbal requests from your department on how Far West Farms intends to operate this additional point of diversion.

Far West Farms has made the application for an additional point of diversion for the following reasons.

(a) \$10,000 savings over next 2 years.

When pump 3 was installed, Far West Farms entered into a contract with the Columbia Basin Electric Corp. for \$5,000 per year minimum for a ten year period that must be paid whether the pump is used or not. This \$5,000 is the offset against the annual power charge. By rejecting this application you are burdening Far West Farms with a bill that has to be paid with no economic return.

(b) Increased Electrical Usage.

Pumps 1, 2 and 3 are all tied together with a pipeline. When FWF's is irrigating circle 11 & 12, pump 3 is only 3/4 of a mile from the pivots. If this application is rejected, pump 1 will have to be used and the water pushed an additional 2 1/4 miles which will require more electricity that will be a net loss to the public.

(c) Insurance against Mechanical Failure.

Well #3 is operational at this time and will give FWF a back up in the event of a breakdown of wells 1 & 2,

as happened on March 22, 1979. If a pump would fail at a critical time during the crop production year and FWF was not able to use well 3 as a back up, a serious financial loss would result.

(d) Less Interference for Neighbors.

Well #3 (63) is further away than well #2 (57) from its nearest neighbor and also a greater distance from well #1 (37)'s closest neighbor. This will keep well interference problems to a minimum.

FWF's operational plan is to extract no more than the 3768 acre feet of water allocated to FWF from all three wells for the 1979 irrigation season. The rate of extraction will be in the 4.13 CFS range during the season except that if, because of mechanical failure, wells 1 & 2 cannot extract the total acre feet for the month well #3 may be used to catch up for the monthly quota.

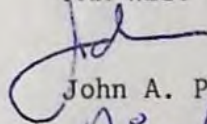
FWF will pump only two wells at once except during the emergency use period as described above and will use any two of the three wells at it's discretion and in sequence to keep the irrigation system as efficient as possible.

We are unable to attach any draw down information in relation to wells 1, 2 & 3 because of the untimely rains that have made soil conditions too wet for additional irrigation water. We estimate that pumps may be turned on on Friday and draw down information may be available next week.

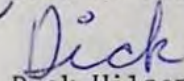
If the information is not clear or incomplete for you to make a decision on our application, will you please advise.

We feel we definitely need to be able to use well #3 as a fill-in to keep our farming operations profitable and an approval of our application will be appreciated.

Sincerely,
FAR WEST FARMS



John A. Prag



Dick Hilsenkopf

DH:mj

RECEIVED

APR 27 1979

WATER RESOURCES DEPT.
SALEM, OREGON



1776-1976

FAR-WEST FARMS
P.O. BOX 50
BOARDMAN, OREGON 97818



Mr. James Sexson, Director
Water Resources Department
555 13th Street NE
Salem, OR 97310

Bart:

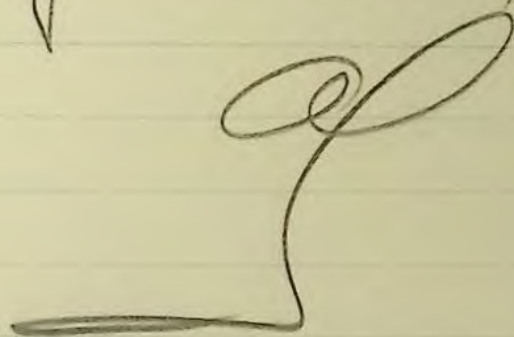
2/19/79

Regarding the additional Point of
Diversion for San west Farms, well #63,
we should determine:

1. From last year, how much water
was pumped from the two wells,
#57 & #37?
2. What was the pumping levels in
each of these two wells?
3. Estimate the pumping levels
from all the wells when operated
as proposed.

Check with Watermaster Power Co. &
owners. If you have to go there to lineup
these numbers, go.

I need this by Feb 26, 1979





STATE OF OREGON

INTEROFFICE MEMO

Water Resources Dept.
Wells and Dam Safety378-8455
TELEPHONETO: File of Far West Farms Transfer
Applications No. 4159 & No. 4160.

DATE: April 5, 1979

FROM: Wm. S. Bartholomew *WSB*

SUBJECT: Transfer of Diversion Point.

Mr. John Prag and Dick Hilsenkopf of Far West Farms, Inc. forwarded to this office a letter dated February 23, 1979 which contained attached power records, cropping plan, and water requirements for the Far West Farms. They reported that 1650 acres were being irrigated by wells number 1, 2, and 3 during the 1978 irrigation season. Mr. Hilsenkopf estimated approximately 3500 acre feet of water was being appropriated. The totalizing water meter records for the Far West Farms' wells are incomplete, as I reported in my last memo. The meters did not accurately record the amount of water pumped last year. The incomplete pumping record is listed as follows:

| | | |
|-----------------|--------------------|---------|
| Well No. 1 (37) | 858.806 acre feet | 12/6/78 |
| Well No. 2 (57) | 5.322 acre feet | 12/6/78 |
| Well No. 3 (63) | 174.667 acre feet | 12/6/78 |
| Total | 1038.795 acre feet | |

I discussed the inaccurate meter information for 1978 with Hilsenkopf and John Prag. They agree that the meter information was inaccurate and the meters were being replaced for 1979 irrigation season.

Mr. Prag and Mr. Hilsenkopf estimated that Far West Farms pumps approximately 5800 to 6000 gpm from the three wells. The wells serve seven circles which require approximately 800 gpm per circle. The total amount of water authorized under water rights applications and permits for wells number 1 and 2 is 4.13 cfs or 1854 gpm from the two wells. The pumping rate was confirmed at the time of final proof survey for wells number 1 and 2. The request of transfer of water rights from well number 1 and 2 to well number 3 is not clear to me. I don't know if they propose to install smaller pumps and motors in wells number 1 and 2 and pump less from these wells so that well number 3 can be used to pump the remainder of the water authorized under permits for number 1 and 2.

Talking with Mr. Hilsenkopf, I got the impression that they were not planning to reduce their withdrawals from any of the wells. With the transfer, they are asking to pump well number 3 in addition to wells number 1 and 2. This does not appear to be a transfer. It seems they are requesting a permit to pump an additional well. The theoretical drawdown for wells number 1 and 2 at the present rate of pumpage for a period of 230 days would be approximately 218 feet. If well number 3 were allowed to pump additional water, the combined drawdown for the three wells would approach 327 feet. The drawdowns for each well are additive. They were computed assuming well yields of 1500 gallons per minute for well number 1, 1200 gallons per minute for well number 2 and 1000 gallons per minute for well number 3 for 230 days of irrigation. The application for transfer and letters do not clearly define pumping rates for each well nor do they explain what they hope to accomplish by making a transfer of water rights to well number 3. While it is not stated in their letter, it appears that the Far West Farms actually intends to increase or maintain the present rate of water application. This could increase the quantity of water diverted for the year.

I do not understand how the operation of well number 3 at the present rate of pumpage is supposed to improve the well hydraulics of the area. In my opinion, it would not provide for a reduction in ground water withdrawals or lessen well interference between operating wells.

The basalt aquifers of the area are confined, therefore the drawdown is accumulative for each well. The total drawdown for three well will be greater than the drawdown for two wells. Under these circumstances, I cannot justify the use of well number 3 as being beneficial to the management of ground water withdrawals in the area.

We must be mindful of the main objective of the critical ground water area controls that seek to substantially reduce ground water withdrawals, lessen pumping interference effects, and provide for effective ground water management. In the transfer request there appears to be no proposal for a reduction or transfer of water use. Rather, it appears that an additional ground water appropriation is being proposed for well number 3.

Therefore, with my present understanding of this application for transfer, I recommend that the transfer be denied.



STATE OF OREGON

Water Resources Dept.

DEPT.

378-8455

TELEPHONE

INTEROFFICE MEMO

TO: Albert Petska

DATE: February 26, 1979

FROM: Wm. S. Bartholomew *WSB*

SUBJECT: Far West Farms Irrigation Wells No. 37, 57, and 63; Butter Creek Critical Ground Water Area.

In your memo of February 19, you requested three pieces of information regarding the above wells. Question 1 requests the amount of water being pumped from wells No. 37 and No. 57. Totalizing meter data for all three wells is listed as follows:

| | | |
|-----------------|--------------------|---------|
| Well No. 1 (37) | 858.806 acre feet | 12/6/78 |
| Well No. 2 (57) | 5.322 acre feet | 12/6/78 |
| Well No. 3 (63) | 174.667 acre feet | 12/6/78 |
| Total | 1038.795 acre feet | |

The totalizing meter data indicates a total of 1038.795 acre feet pumped during the 1978 irrigation season. Mike Williams of the Far West Farms indicates that this is not correct. One or two motors had to be replaced during the irrigation season. At least two of the totalizing meters were damaged and had to be repaired. The meter on Well No. 2 shows only 5.322 acre feet. This shows that the repaired meter has only been on the well for the last few days of the season. Total pumpage as metered would be adequate for only 346.8 acres at a rate of 3 acre feet per acre. Mike Williams indicates that they are pumping approximately 3700 acre feet per year from all three wells. Therefore, metered information is inaccurate and should not be used. All three wells have been equipped with new totalizing meters for the coming irrigation season and should provide a more accurate measure.

Your second question was for pumping levels in wells No. 1 and No. 2. Air lines are inoperative in the wells and we cannot obtain static water level or pumping water level information in these wells. I can recall measuring well No. 3 (63) during a pumping cycle with a defective air line showing approximately 468 feet. That is an estimated pumping level and probably not accurate. This was not an official measurement and it was never recorded. I think the measurement was taken during the fall of 1977. Pump settings for these wells are:

| | |
|-----------------|----------|
| Well No. 1 (37) | 540 feet |
| Well No. 2 (57) | 560 feet |
| Well No. 3 (63) | 560 feet |

Your third question requests an estimate of the change in pumping levels from all three wells when they are operated as proposed. I called Mike Williams on Monday and requested pumpage information for each well, estimated pumping lift or drawdown for each well, and electric power records for each well. He said he would contact the power company for their power records. I also requested his estimate of the number of gallons required for each circle (800 gpm), the number of circles (7), and the time that the pumps were

operated so we can make some estimate of the annual requirement for their irrigation (3500 acre feet per year). He is to write a letter providing the power records, circle capacities, and estimated pumpage to us in the next few days. Mike thinks he's getting about 2,000 gallons a minute each out of wells No. 1 and 2 and something less than 1600 gallons a minute from well No. 3. Two wells pumping 1820 gpm will be able to pump 3700 acre feet in 230 days. ⁵³

On Wednesday, the 21st of February, Dick Hilsenkopt, pump man for Far West Farms, telephoned to report that the power records were not directly applicable to pumping withdrawals. He said that six circles were driven by electric power and each circle is connected to the meter serving each of the three irrigation wells. Therefore, the power records for the three irrigation wells would not directly correlate with the total pumpage from the wells.

We have made an estimate of the change in pumping levels with time. We estimated an average transmissivity for the aquifer and calculated a theoretical transmissivity. Calculations are based on the Thies equation assuming that well No. 1 produces 1500 gpm, well No. 2 produces 1200 gpm, and well No. 3 produces 1000 gpm for a 230 day irrigation cycle. At the end of the irrigation season, well No. 1 would have a drawdown of 89 feet, well No. 2 would have a drawdown of 109 feet, well No. 3 would have a drawdown of 129 feet if each well was operated individually. A composite withdrawal is additive for each well if all three wells are pumping; then, they would accumulate a total water level decline of 327 feet by the end of the irrigation season.

Total drawdown of 327 feet added to the regional static water level of approximately 330 feet would bring the position of the water level to about 657 feet below LSD. This pumping effect seems excessive at this time. Therefore, I assume that the operators are not pumping continuously for 230 days or that the transmissivity estimate is too low.

If we assume that wells No. 1 and No. 2 are to produce the entire authorized withdrawal of 3768 acre feet, the drawdown required in the two wells would be approximately 214 feet for the irrigation season. Each well would have to produce about 8.64 acre feet per day or 1820 gpm. This is approximately the present rate of pumpage for wells No. 1 and No. 2.

The attached worksheets represent the grossest kind of estimation from the extremely limited water level data from the three wells. We have no measured pumping drawdown in any of the wells to work with. Therefore, the estimates are only a best guess at this time.

I telephoned Pat Jungman, water well contractor who is fishing for the temperature probe at the Cook well, (Telephone No. 509-525-8200) yesterday, February 21. Jungman fished out two feet of pump column strainer and two joints of air line which were found at the 454 foot level. He also reported he was able to get about 12 feet of cable which had been attached to our probe. Pat says that fist size rocks were contained in the strainer and that a two prong fishing tool was not adequate to pick up our probe which he thinks is now at the bottom of the well at a depth of about 1470 feet, since the well was drilled to 1492, this would make about 22 feet of fill in the bottom of the hole. Hopefully, the probe will not be bound by fist size rocks that could make the recovery very difficult. Pat plans to use a three pronged tool on Thursday the 22nd. Hopefully, we will have more information by the end of the week.

Friday I again called Jungman. He recovered 420 feet of air line. No probe as of yet. He wants someone to authorize further work for fishing. Cook wants all steel out of the well. Jungman's rate for fishing is \$52.00 per hour. We are to call him Monday to discuss this further. The rig is on the hole now. I suggest a meeting or conference call to hash this out between Cooks, Jungman, Columbia Pump Co., USGS, & WRD.

Weld 2

065 COLUMBIA BASIN ELECT COOP CONSUMER PROFILE P1775-L10206 PAGE 438

FOR THE YEAR ENDING DECEMBER 31, 1978

FAR WEST FARMS
BOX 50

02 987 155

BOARDMAN CR 97818
17-01140

1128 x 160
400 HP
cont # 147
40

| | METERED KWH | METERED DOLLARS | METERED DEMAND | FIXED DOLLARS | PAYMENTS |
|-----|----------------|--------------------|-------------------|------------------|----------|
| JAN | | | | | |
| FEB | | | | | |
| MAR | | 2,000.00 | | | |
| APR | | | | | |
| MAY | | | | | 2,000.00 |
| JUN | | 2,000.00 | | | |
| JUL | | | | | |
| AUG | | | | | 2,000.00 |
| SEP | | | | | |
| OCT | 676,320 | 3,957.92 | | | |
| NOV | | | | | |
| DEC | 162,880 | 977.28 | | | |
| TOT | 839,200 | 8,935.20 | | | 4,000.00 |

8070 251100

m-4175

AGREEMENT FOR PURCHASE OF POWER

AGREEMENT made September 16, 1962, between Columbia Basin Electric Co-op, Inc., (hereinafter called the "Seller"), and Nelson & Tucker Ranch (hereinafter called the "Consumer"), a Partnership

WITNESSETH:

The Seller agrees to sell and to deliver to the Consumer, and the Consumer agrees to purchase from the Seller all of the electric power and energy which the Consumer may need located at 17 (Sect.) T2N (TWP.) R26E (R) up to 400 KVA, the following terms:

1. SERVICE CHARACTERISTICS

Service hereunder shall be alternating current, 3 phase, sixty cycles, 480 volts.

2. PAYMENT

a. The Consumer shall pay the Seller for service hereunder at the rates and upon the terms and conditions set forth in Schedule I attached to and made a part of this agreement. Notwithstanding any provision of the Schedule, however, and irrespective of the Consumer's requirements, the Consumer shall pay to the Seller not less than \$4,000.00 per ~~month~~ year for service or for having service available hereunder.

b. The initial billing period shall start when Consumer begins using electric power and energy, or 30 days after the Seller notifies the Consumer in writing that service is available hereunder, which ever shall occur first.

c. Bills for service hereunder shall be paid at the office of the Seller in Heppner, Oregon, Oregon, monthly/annually within fifteen days after the bill is mailed to the Consumer. If the Consumer shall fail to pay any such bill within such fifteen day period, the Seller may discontinue service hereunder by giving fifteen days' notice in writing to the consumer.

d. The Consumer agrees that if, at any time, the rate under which the Seller purchases electric energy at wholesale is modified, the Seller may make a corresponding modification in the rate for service hereunder.

3. CONTINUITY OF SERVICE

The Seller shall use reasonable diligence to provide a constant and uninterrupted supply of electric power and energy; but if such supply shall fail or be interrupted, or become defective through act of God, or the public enemy, or by accident, strikes, labor troubles, or by action of the elements, or inability to secure rights-of-way, or other permits needed, or for any other cause beyond the reasonable control of the Seller, the Seller shall not be liable therefor.

4. MEMBERSHIP

The Consumer shall become a member of the Seller, shall pay the membership fee and be bound by the provisions of the articles of incorporation and by-laws of the Seller and by such rules and regulations as may from time to time be adopted by the Seller.

5. TERM

This agreement shall become effective on the date first above written and shall remain in effect until 10 years following the start of the initial billing period and thereafter until terminated by either party giving to the other 2 months notice in writing.

6. SUCCESSION.

This agreement shall be binding upon and inure to the benefit of the successors, legal representatives and assigns of the respective parties hereto.

7. DEPOSIT

The Consumer shall deposit with the Seller the sum of \$ on account of the cost of facilities required to make service available to the Consumer on or before commencement of construction of such facilities.

IN WITNESS WHEREOF, the parties hereto have caused this agreement to be executed by their duly authorized representatives all as of the day and year first above written.

COLUMBIA BASIN ELECTRIC COOPERATIVE, INC.

Seller

By Walter Jager

President

ATTEST:

Jack Taylor Jr.
Secretary

Nelson & Tucker Ranch
Consumer

By John O. Nelson

ATTEST:

Charles B. Bunch
Secretary

Witness

3C 6-68GT

Contract # 147

17-01140

Well 1

FOR THE YEAR ENDING DECEMBER 31, 1978

FAR WEST FARMS
BOX 50

02 987 139

BOARDMAN OR 97818
17-01240

55083985 x 400
475 HP
40 Cont #94

| | METERED KWH | METERED DOLLARS | METERED DEMAND | FIXED DOLLARS | PAYMENTS |
|-----|------------------|--------------------|-------------------|------------------|----------|
| JAN | | | | | |
| FEB | | | | | |
| MAR | | 2,375.00 | | | |
| APR | | | | | |
| MAY | | | | | 2,375.00 |
| JUN | | 2,375.00 | | | |
| JUL | | | | | |
| AUG | | | | | 2,375.00 |
| SEP | | | | | |
| OCT | 1,111,600 | 6,550.85 | | | |
| NOV | | | | | |
| DEC | 190,800 | 1,029.90 | | | |
| TOT | <u>1,302,400</u> | 12,330.75 | | | 4,750.00 |

| | | | |
|-----------|-----------|----------|-------|
| HISTORY | | 01-77 | 12-77 |
| DECEMBER | 87,040 | JUNE | |
| NOVEMBER | | MAY | |
| OCTOBER | 1,400,480 | APRIL | |
| SEPTEMBER | | MARCH | |
| AUGUST | | FEBRUARY | |
| JULY | | JANUARY | |

5-13-71

| | | | | | |
|---------------|--|----------------|--------|---------|-------------------|
| 16 TYPE | | 17 AREA | DATE | READING | AMOUNT USED |
| 03 | | 99 | DEC 18 | 4539 | 1059000 232160 |
| 61 RATE | | 62 STAT. CODE | NOV. | | |
| 40 | | 04 | 29 | 3088 | 83700 311540 |
| TRANSFORMER | | 69 TRANS. CAP. | SEPT. | | |
| 1958 | | 501.0 | AUG. | | |
| SUB. STA | | 66 LINE NO. | JULY | 1139 | 515200 440800 |
| 04 | | 01 | JUNE | | |
| LINE SEG. NO. | | 72 HORSEPOWER | MAY | | 74400 |
| | | 500.0 | APR | 8283 | |
| LINE PHASE | | 90 Y.E. MONTH | 4-12 | 7919 | |
| | | 10 | 4-13 | 7919 | |
| Y.E. CODE | | 114 YEARLY MN | | | |
| 05 | | 5,000.00 | | | |
| CYCLE MIN. | | 85 DEMAND MULT | | | |
| POWER FACTOR | | | | | |
| METER NUMBER | | 76 KWH MULT | | | |
| 1129 | | (160) | | | |
| AMP | | 77 NO. DIGITS | | | |
| 25 | | 4 | | | |
| VOLTS | | | | | |
| 480 | | | | | |
| TYPE | | | | | |
| 1635 | | | | | |

8-26-21-1 KWH METER READING YEAR END 12-1 7919

ADDITIONAL CHARGES

Cont 176 Not Shell Plant.
ADDRESS Rembing Rnge Rd
500 HP
BOX 187 FARMING DIVISION
BOARDMAN OR 97818

NAME CHECK DIGIT NO.
MORROW PRODUCE CO INC 4-1-18 06 687 164
Far West Farms 4-1-78 02 987 163

BOOK NO. 17-01190 384.4
017 1918

| HISTORY | | 01-77 12-77 | |
|---|-------------------------------------|---------------------------------------|---------|
| DECEMBER | 366,800 | JUNE | |
| NOVEMBER | | MAY | |
| OCTOBER | 1,158,400 | APRIL | |
| SEPTEMBER | | MARCH | |
| AUGUST | | FEBRUARY | |
| JULY | | JANUARY | |
| ① Conn. 11-22-67 | | ② | |
| ③ | 16 TYPE 03 17 AREA 99 | DATE | READING |
| 18 DIST. | 61 RATE 40 62 STAT. CODE 04 | DEC 18 | 8464 |
| 58 TRANSFORMER | 69 TRANS. CAP. | NOV. | |
| 65 SUB. STA. 04 | 66 LINE NO. 01 | OCT 9 | 7987 |
| 67 LINE SEG. NO. | 72 HORSEPOWER 475.0 | SEPT. | |
| 70 LINE PHASE | 90 Y.E. MONTH 10 | AUG. | |
| 91 Y.E. CODE 05 | 114 YEARLY MN. 4,750.00 | JULY 21 | 6985 |
| 83 CYCLE MIN | 85 DEMAND MULT | JUNE | |
| 86 POWER FACTOR | | MAY | |
| 15 METER NUMBER 55083985 | 76 KWH MULT. 400 77 NO. OF DIGITS 4 | APR 19 | 5534 |
| AMP 2.5 | VOLTS 480 | MAR. 17 | 5208 |
| TYPE 1635 | | FEB. | |
| | | JAN. | |
| ④ 20-26-21-1 | | KWH METER READING YEAR END 12-6 5208 | |
| FIXED NEARS Minimum includes 12.5 hp Booster | | ⑤ Cont 94 pump #1 underground Primary | |
| | | 475 HP | |
| | | BOX 187 FARMING DIVISION | |
| | | BOARDMAN OR 97818 | |
| NAME MORROW PRODUCE CO INC | | CHECK DIGIT NO. 06 687 199 | |
| Far West Farms 4-1-78 | | 02987139 | |
| 60 BOOK NO. 017 | ⑦ 17-01240 ⑧ 384 | 1978 | |

m-4197

374-2

AGREEMENT FOR PURCHASE OF POWER

AGREEMENT made October 1, 19 67, between Columbia Basin Electric Co-op, Inc. (hereinafter called the "Seller"), and Nelson-Tucker Ranch (hereinafter called the "Consumer"), a Partnership

WITNESSETH:

The Seller agrees to sell and to deliver to the Consumer, and the Consumer agrees to purchase from the Seller all of the electric power and energy which the Consumer may need located at North Lexington, 20 (Sect.), 2N (TWP.), 26E (R), up to 500 KVA, the following terms:

1. SERVICE CHARACTERISTICS

Service hereunder shall be alternating current, 3 phase, sixty cycles, 480 volts.

2. PAYMENT

a. The Consumer shall pay the Seller for service hereunder at the rates and upon the terms and conditions set forth in Schedule I attached to and made a part of this agreement. Notwithstanding any provision of the Schedule, however, and irrespective of the Consumer's requirements, the Consumer shall pay to the Seller not less than \$ 4,500.00 per year for service or for having service available hereunder.

b. The initial billing period shall start when Consumer begins using electric power and energy, or 7 days after the Seller notifies the Consumer in writing that service is available hereunder, which ever shall occur first.

c. Bills for service hereunder shall be paid at the office of the Seller in Heppner, Oregon, Oregon, monthly/annually within fifteen days after the bill is mailed to the Consumer. If the Consumer shall fail to pay any such bill within such fifteen day period, the Seller may discontinue service hereunder by giving fifteen days' notice in writing to the consumer.

d. The Consumer agrees that if, at any time, the rate under which the Seller purchases electric energy at wholesale is modified, the Seller may make a corresponding modification in the rate for service hereunder.

3. CONTINUITY OF SERVICE

The Seller shall use reasonable diligence to provide a constant and uninterrupted supply of electric power and energy; but if such supply shall fail or be interrupted, or become defective through act of God, or the public enemy, or by accident, strikes, labor troubles, or by action of the elements, or inability to secure rights-of-way, or other permits needed, or for any other cause beyond the reasonable control of the Seller, the Seller shall not be liable therefor.

4. MEMBERSHIP

The Consumer shall become a member of the Seller, shall pay the membership fee and be bound by the provisions of the articles of incorporation and by-laws of the Seller and by such rules and regulations as may from time to time be adopted by the Seller.

5. TERM

This agreement shall become effective on the date first above written and shall remain in effect until 10 years following the start of the initial billing period and thereafter until terminated by either party giving to the other 3 months notice in writing.

6. SUCCESSION.

This agreement shall be binding upon and inure to the benefit of the successors, legal representatives and assigns of the respective parties hereto.

7. DEPOSIT

The Consumer shall deposit with the Seller the sum of \$ 3,000.00 on account of the cost of facilities required to make service available to the Consumer on or before commencement of construction of such facilities.

IN WITNESS WHEREOF, the parties hereto have caused this agreement to be executed by their duly authorized representatives all as of the day and year first above written.



COLUMBIA BASIN ELECTRIC CO-OP, INC.
Seller

By Walter J. Jorgensen
President

Jack Byrd
Secretary/Witness

Nelson and Tucker
By Delmer C. Nelson
Consumer

By _____

ATTEST:

Harold R. Jorgensen
Secretary

3C 6-68GT

17-01240

Weld

FOR THE YEAR ENDING DECEMBER 31, 1978

FAR WEST FARMS
BOX 50

02 987 139

BOARDMAN CR 97818
17-01240

55083985 x 400
475 HP
40 Cont # 94

| | METERED KWH | METERED DOLLARS | METERED DEMAND | FIXED DOLLARS | PAYMENTS |
|-----|----------------|--------------------|-------------------|------------------|----------|
| JAN | | | | | |
| FEB | | | | | |
| MAR | | 2,375.00 | | | |
| APR | | | | | |
| MAY | | | | | 2,375.00 |
| JUN | | 2,375.00 | | | |
| JUL | | | | | |
| AUG | | | | | 2,375.00 |
| SEP | | | | | |
| OCT | 1,111.600 | 6,550.85 | | | |
| NOV | | | | | |
| DEC | 190.800 | 1,029.90 | | | |
| TOT | 1,302.400 | 12,330.75 | | | 4,750.00 |

well 2

065 COLUMBIA BASIN ELECT COOP CONSUMER PROFILE P1775-L10206 PAGE 428

FOR THE YEAR ENDING DECEMBER 31, 1978

FAR WEST FARMS
BOX 50

02 987 155

BOARDMAN CR 97818
17-01140

1128 x 160
400 HP
cont # 147
40

| | METERED KWH | METERED DOLLARS | METERED DEMAND | FIXED DOLLARS | PAYMENTS |
|-----|----------------|--------------------|-------------------|------------------|----------|
| JAN | | | | | |
| FEB | | | | | |
| MAR | | 2,000.00 | | | |
| APR | | | | | |
| MAY | | | | | 2,000.00 |
| JUN | | 2,000.00 | | | |
| JUL | | | | | |
| AUG | | | | | 2,000.00 |
| SEP | | | | | |
| OCT | 676.320 | 3,957.92 | | | |
| NOV | | | | | |
| DEC | 162.880 | 977.28 | | | |
| TOT | 839.200 | 8,935.20 | | | 4,000.00 |

80 76 1542-1

Well 3

065 COLUMBIA BASIN ELECT COOP CONSUMER PROFILE P1775-L10206 PAGE 439

FOR THE YEAR ENDING DECEMBER 31, 1978

FAR WEST FARMS
BOX 50

02 987 163

BOARDMAN CR 97818
17-01190

1129 x 160
500 Hp
Cont # 176

40

| | METERED KWH | METERED DOLLARS | METERED DEMAND | FIXED DOLLARS | PAYMENTS |
|-----|----------------|--------------------|-------------------|------------------|----------|
| JAN | | | | | |
| FEB | | | | | |
| MAR | | 2,500.00 | | | |
| APR | | | | | |
| MAY | | | | | 2,500.00 |
| JUN | | 2,500.00 | | | |
| JUL | | | | | |
| AUG | | | | | 2,500.00 |
| SEP | | | | | |
| OCT | 827.040 | 4,837.24 | | | |
| NOV | | | | | |
| DEC | 232.160 | 1,392.96 | | | |
| TOT | 1,059,200 | 11,230.20 | | | 5,000.00 |

Well ③

FOR THE YEAR ENDING DECEMBER 31, 1978

FAR WEST FARMS
BOX 50

02 987 163

BOARDMAN CR 97818
17-01190

1129 x 140
500 Hp
40 Cont # 176

| | METERED KWH | METERED DOLLARS | METERED DEMAND | FIXED DOLLARS | PAYMENTS |
|-----|----------------|--------------------|-------------------|------------------|----------|
| JAN | | | | | |
| FEB | | | | | |
| MAR | | 2,500.00 | | | |
| APR | | | | | |
| MAY | | | | | 2,500.00 |
| JUN | | 2,500.00 | | | |
| JUL | | | | | |
| AUG | | | | | 2,500.00 |
| SEP | | | | | |
| OCT | 827,040 | 4,837.24 | | | |
| NOV | | | | | |
| DEC | 232,160 | 1,392.96 | | | |
| TOT | 1,059,200 | 11,230.20 | | | 5,000.00 |

AGREEMENT FOR PURCHASE OF POWER

AGREEMENT made January 14, 1971, between Columbia Basin Electric Co-op, Inc., (hereinafter called the "Seller"), and Nelson - Tucker (hereinafter called the "Consumer"), a partnership

WITNESSETH:

The Seller agrees to sell and to deliver to the Consumer, and the Consumer agrees to purchase from the Seller all of the electric power and energy which the Consumer may need located at Nelson - Tucker Ranch SE 1/4, 18 2 N 26 E up to 500 XXX H.P. (Sect.) (TWP.) (R)

the following terms:

1. SERVICE CHARACTERISTICS

Service hereunder shall be alternating current, 3 phase, sixty cycles, 480 volts.

2. PAYMENT

a. The Consumer shall pay the Seller for service hereunder at the rates and upon the terms and conditions set forth in Schedule I attached to and made a part of this agreement. Notwithstanding any provision of the Schedule, however, and irrespective of the Consumer's requirements, the Consumer shall pay to the Seller not less than \$ 5,000.00 per year for service or for having service available hereunder.

b. The initial billing period shall start when Consumer begins using electric power and energy, or 15 days after the Seller notifies the Consumer in writing that service is available hereunder, which ever shall occur first.

c. Bills for service hereunder shall be paid at the office of the Seller in Heppner, Oregon, monthly annually within fifteen days after the bill is mailed to the Consumer. If the Consumer shall fail to pay any such bill within such fifteen day period, the Seller may discontinue service hereunder by giving fifteen days' notice in writing to the consumer.

d. The Consumer agrees that if, at any time, the rate under which the Seller purchases electric energy at wholesale is modified, the Seller may make a corresponding modification in the rate for service hereunder.

3. CONTINUITY OF SERVICE

The Seller shall use reasonable diligence to provide a constant and uninterrupted supply of electric power and energy; but if such supply shall fail or be interrupted, or become defective through act of God, or the public enemy, or by accident, strikes, labor troubles, or by action of the elements, or inability to secure rights-of-way, or other permits needed, or for any other cause beyond the reasonable control of the Seller, the Seller shall not be liable therefor.

4. MEMBERSHIP

The Consumer shall become a member of the Seller, shall pay the membership fee and be bound by the provisions of the articles of incorporation and by-laws of the Seller and by such rules and regulations as may from time to time be adopted by the Seller.

5. TERM

This agreement shall become effective on the date first above written and shall remain in effect until ten years following the start of the initial billing period and thereafter until terminated by either party giving to the other three months notice in writing.

6. SUCCESSION

This agreement shall be binding upon and inure to the benefit of the successors, legal representatives and assigns of the respective parties hereto.

7. DEPOSIT

The Consumer shall deposit with the Seller the sum of \$ on account of the cost of facilities required to make service available to the Consumer on or before commencement of construction of such facilities.

IN WITNESS WHEREOF, the parties hereto have caused this agreement to be executed by their duly authorized representatives all as of the day and year first above written.

COLUMBIA BASIN ELECTRIC COOPERATIVE, INC.

Seller

By Halter J. J. J.

President

ATTEST:

Paul W. J. J.
Secretary

Nelson - Tucker

Consumer

By D. O. Nelson

ATTEST:

Harley B. J. J.
Witness

Acct. 384.4-I

3C 10-69GT

Contract # 176

17-01190



STATE OF OREGON

INTEROFFICE MEMO

Water Resources Dept.
Wells and Dam Safety378-8455
TELEPHONETO: File of Far West Farms Transfer
Applications No. 4159 & No. 4160.

DATE: April 5, 1979

FROM: Wm. S. Bartholomew *WSP*

SUBJECT: Transfer of Diversion Point.

Mr. John Prag and Dick Hilsenkopf of Far West Farms, Inc. forwarded to this office a letter dated February 23, 1979 which contained attached power records, cropping plan, and water requirements for the Far West Farms. They reported that 1650 acres were being irrigated by wells number 1, 2, and 3 during the 1978 irrigation season. Mr. Hilsenkopf estimated approximately 3500 acre feet of water was being appropriated. The totalizing water meter records for the Far West Farms' wells are incomplete, as I reported in my last memo. The meters did not accurately record the amount of water pumped last year. The incomplete pumping record is listed as follows:

| | | |
|-----------------|--------------------|---------|
| Well No. 1 (37) | 858.806 acre feet | 12/6/78 |
| Well No. 2 (57) | 5.322 acre feet | 12/6/78 |
| Well No. 3 (63) | 174.667 acre feet | 12/6/78 |
| Total | 1038.795 acre feet | |

I discussed the inaccurate meter information for 1978 with Hilsenkopf and John Prag. They agree that the meter information was inaccurate and the meters were being replaced for 1979 irrigation season.

Mr. Prag and Mr. Hilsenkopf estimated that Far West Farms pumps approximately 5800 to 6000 gpm from the three wells. The wells serve seven circles which require approximately 800 gpm per circle. The total amount of water authorized under water rights applications and permits for wells number 1 and 2 is 4.13 cfs or 1854 gpm from the two wells. The pumping rate was confirmed at the time of final proof survey for wells number 1 and 2. The request of transfer of water rights from well number 1 and 2 to well number 3 is not clear to me. I don't know if they propose to install smaller pumps and motors in wells number 1 and 2 and pump less from these wells so that well number 3 can be used to pump the remainder of the water authorized under permits for number 1 and 2.

Talking with Mr. Hilsenkopf, I got the impression that they were not planning to reduce their withdrawals from any of the wells. With the transfer, they are asking to pump well number 3 in addition to wells number 1 and 2. This does not appear to be a transfer. It seems they are requesting a permit to pump an additional well. The theoretical drawdown for wells number 1 and 2 at the present rate of pumpage for a period of 230 days would be approximately 218 feet. If well number 3 were allowed to pump additional water, the combined drawdown for the three wells would approach 327 feet. The drawdowns for each well are additive. They were computed assuming well yields of 1500 gallons per minute for well number 1, 1200 gallons per minute for well number 2 and 1000 gallons per minute for well number 3 for 230 days of irrigation. The application for transfer and letters do not clearly define pumping rates for each well nor do they explain what they hope to accomplish by making a transfer of water rights to well number 3. While it is not stated in their letter, it appears that the Far West Farms actually intends to increase or maintain the present rate of water application. This could increase the quantity of water diverted for the year.

I do not understand how the operation of well number 3 at the present rate of pumpage is supposed to improve the well hydraulics of the area. In my opinion, it would not provide for a reduction in ground water withdrawals or lessen well interference between operating wells.

The basalt aquifers of the area are confined, therefore the drawdown is accumulative for each well. The total drawdown for three well will be greater than the drawdown for two wells. Under these circumstances, I cannot justify the use of well number 3 as being beneficial to the management of ground water withdrawals in the area.

We must be mindful of the main objective of the critical ground water area controls that seek to substantially reduce ground water withdrawals, lessen pumping interference effects, and provide for effective ground water management. In the transfer request there appears to be no proposal for a reduction or transfer of water use. Rather, it appears that an additional ground water appropriation is being proposed for well number 3.

Therefore, with my present understanding of this application for transfer, I recommend that the transfer be denied.

REPORT ON INSPECTION UNDER TRANSFER
OF WATER RIGHT FOR CHANGE IN:

POD
POU
USE

Add'l POD

OK cont
AE

Transfer NO. 4159

County MORROW

Old Certificate NO. 43928

1. Name Far West Farms

Address P.O. Box 64 Boardman, OR 97818

2. Source of Supply A well, Trib of _____

3. Use Irrigation

4. Amount of Water 4.13 CFS Priority Date August 7, 1967

5. Proposed Point of Diversion 30 feet south and 30 feet west from NE corner of NE 1/4 SE 1/4, Section 18, being w/ in NE 1/4 SE 1/4, Section 18, T. 2 North, R. 26 East, W.M.

6. Completion Date Completed

7. Place of Use:

| Township | Range | Section | Forty Acre Tract | Use for Which Transfer Made |
|----------|-------|--------------|------------------|-----------------------------|
| | | | | |
| | | | | |
| | | See Attached | | |
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500 HP U.S. 1782 2000
HOLLOWSHAFT
1000

SEE T-4160 FOR REPORT

3-16-87

Van Lee Chuan

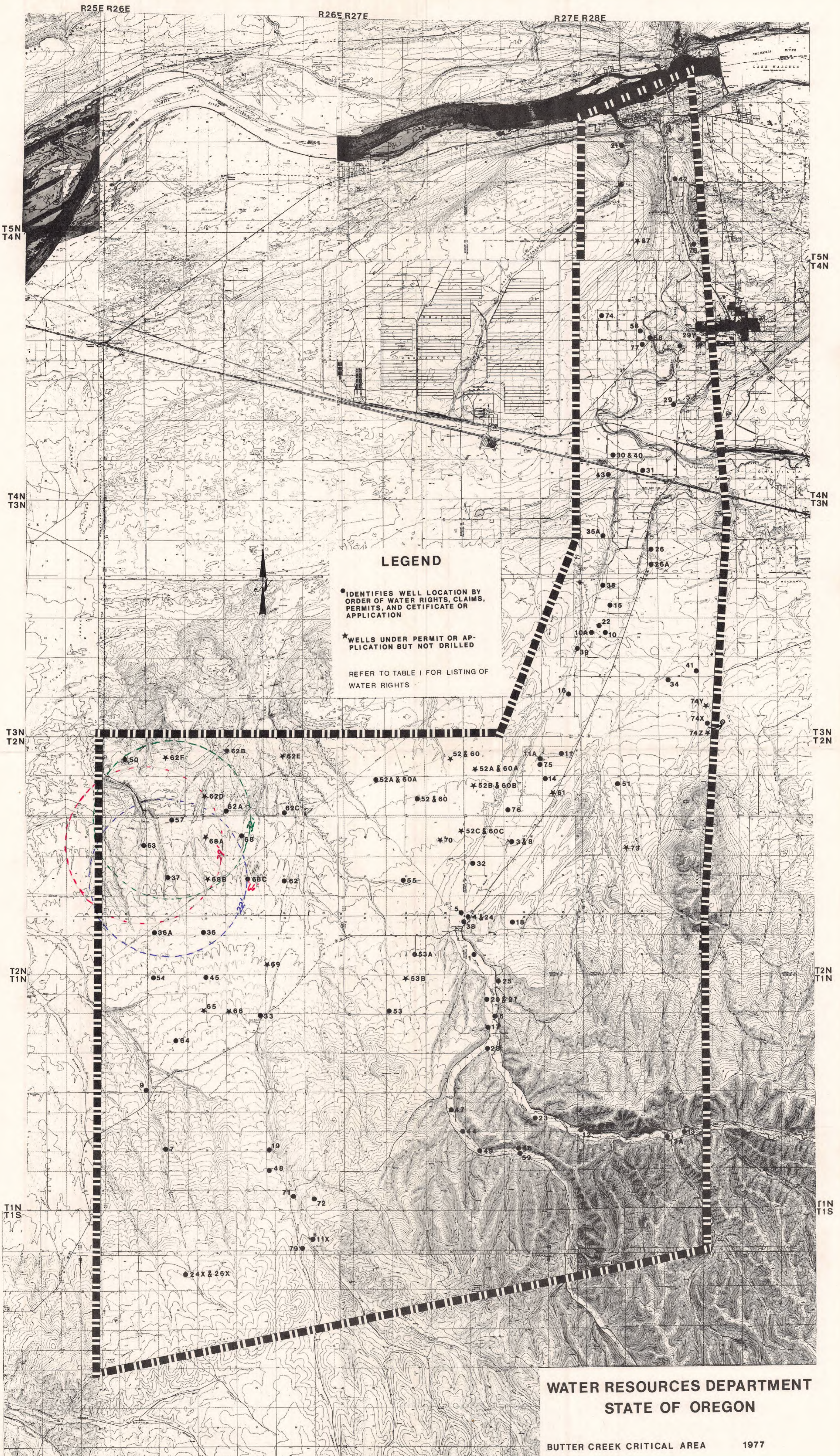
Used in 84

85

Power removed 86

used in 87

not in use in 88



**WATER RESOURCES DEPARTMENT
STATE OF OREGON**