

FIELD REPORT
RECEIVED
6/93
G-9764

Form C (690-9-77)

IMPORTANT—This form is a notice to the Water Resources Director that permittee is ready to make **final proof** to the extent to which the water has actually been applied to the intended use under the terms of the permit. Permittee is cautioned that Certificate of Water Right will be issued based on the extent of the quantity and use as determined by the **final proof** inspection and survey which will be made in response to the filing of this Form C.

NOTE: In the case of an irrigation permit, this Form C should not be mailed to the Water Resources Department until all of the land described in the permit, which it is intended to irrigate under this permit at any time, has actually been irrigated.

Fill out, detach and mail to the Water Resources Department, Salem, OR 97310, when all of the water has been applied.

Application No. G-9764

NOTICE OF COMPLETE APPLICATION OF WATER TO A BENEFICIAL USE

Shawn Chowning & Ass., the holder of Permit No. G-8979
to appropriate the public waters of the state of Oregon, completely applied the waters to a beneficial use in accordance with the terms of said permit, on the Oct 1 day of _____, 1981.

Remarks: _____

IN WITNESS WHEREOF, I have hereunto set my hand this 6 day of MAY, 1982

Shawn Chowning
(Signature of Applicant)

401 W. 1st Hermiston
(Address)

RECEIVED

MAY 8 1982
WATER RESOURCES DEPT.
SALEM OREGON

JD

G-9764

BEFORE THE WATER RESOURCES DEPARTMENT
OF THE
STATE OF OREGON

In the Matter of Transfer Application) FINAL ORDER
T-12513, Harney County) APPROVING ADDITIONAL POINTS
) OF APPROPRIATION

Authority

Oregon Revised Statutes (ORS) 537.705 and 540.505 to 540.580 establish the process in which a water right holder may submit a request to transfer the point of appropriation, place of use, or character of use authorized under an existing water right. Oregon Administrative Rules (OAR) Chapter 690, Division 380 implement the statutes and provides the Department's procedures and criteria for evaluating transfer applications.

Applicant

CHILDERS HAY RANCH INC.
30040 WEAVER SPRINGS LN
BURNS, OR 97720

Findings of Fact

1. On October 21, 2016, CHILDERS HAY RANCH INC. filed an application for additional points of appropriation under Certificate 90726. The Department assigned the application number T-12513.
2. Notice of the application for transfer was published on October 25, 2016, pursuant to OAR 690-380-4000. No comments were filed in response to the notice.
3. On November 2, 2017, the Department sent a copy of the draft Preliminary Determination proposing to approve Transfer Application T-12513 to the applicant. The draft Preliminary Determination cover letter set forth a deadline of December 4, 2017, for the applicant to respond. The applicant requested the completion date be extended to October 1, 2023 and for the Department to proceed with issuance of a Preliminary Determination and provided the necessary information to demonstrate that the applicant is authorized to pursue the transfer.

This final order is subject to judicial review by the Court of Appeals under ORS 183.482. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.482(1). Pursuant to ORS 536.075 and OAR 137-003-0675, you may petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

4. On January 17, 2018, the Department issued a Preliminary Determination proposing to approve Transfer Application T-12513 and sent a copy to the applicant. Additionally, notice of the Preliminary Determination for the transfer application was published in the Department's weekly notice on January 23, 2018, and in the Burns Times Herald newspaper newspaper on January 24 and 31, 2018, pursuant to ORS 540.520 and OAR 690-380-4020. No protests were filed in response to the notices.

5. The right to be transferred is as follows:

Certificate: 90726 in the name of CHILDERS HAY RANCH INC. (perfected under Permit G-8979)
Use: IRRIGATION OF 1056.5 ACRES
Priority Date: JUNE 4, 1980
Rate: 13.21 CUBIC FEET PER SECOND (CFS), further limited to no more than 4.14 CFS from Well 1, 4.27 CFS from Well 2, 2.98 CFS from Well 3, 1.56 CFS from Well 4, 2.75 CFS from Well 5, 2.42 CFS from Well 6, 4.41 CFS from Well 7, 3.65 CFS from Well 8, 1.35 CFS from Well 9, 1.35 CFS from Well 10, and 4.38 CFS from Well 11, in any combination, or its equivalent in case of rotation, measured at the wells.
Limit/Duty: The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 3.0 acre-feet for each acre irrigated during the irrigation season of each year.
Source: WELLS 1 THROUGH 11 within the MALHEUR LAKE BASIN

Authorized Points of Appropriation:

Twp	Rng	Mer	Sec	Q-Q	GLot	Measured Distances
25 S	30 E	WM	35	SW SW		WELL 1 - 1300 FEET NORTH AND 1350 FEET WEST FROM THE SOUTH 1/4 CORNER OF SECTION 35
25 S	30 E	WM	35	NW SE		WELL 2 - 1330 FEET NORTH AND 1280 FEET EAST FROM THE SOUTH 1/4 CORNER OF SECTION 35
26 S	30 E	WM	2	SW NW		WELL 3 - 1340 FEET SOUTH AND 1350 FEET WEST FROM THE NORTH 1/4 CORNER OF SECTION 2
26 S	30 E	WM	2	NW NE	2	WELL 4 - 1310 FEET SOUTH AND 1280 FEET EAST FROM THE NORTH 1/4 CORNER OF SECTION 2
26 S	30 E	WM	2	SW NE		WELL 5 - 1350 FEET SOUTH AND 1280 FEET EAST FROM THE NORTH 1/4 CORNER OF SECTION 2
26 S	30 E	WM	1	NW SW		WELL 6 - 260 FEET SOUTH AND 40 FEET EAST FROM THE WEST 1/4 CORNER OF SECTION 1
26 S	30 E	WM	1	NW SW		WELL 7 - 1310 FEET SOUTH AND 1310 FEET EAST FROM THE WEST 1/4 CORNER OF SECTION 1
26 S	30 E	WM	1	SE SE		WELL 8 - 1330 FEET SOUTH AND 1310 FEET WEST FROM THE EAST 1/4 CORNER OF SECTION 1

Twp	Rng	Mer	Sec	Q-Q	GLot	Measured Distances
26 S	31 E	WM	6	SE NE		WELL 9 - 1330 FEET SOUTH AND 1310 FEET WEST FROM THE NE CORNER OF SECTION 6
26 S	31 E	WM	6	NW NE		WELL 10 - 80 FEET SOUTH AND 60 FEET EAST FROM THE NORTH 1/4 CORNER OF SECTION 6
26 S	31 E	WM	6	SW NW	2	WELL 11 - 280 FEET NORTH AND 160 FEET EAST FROM THE WEST 1/4 CORNER OF SECTION 6

Authorized Place of Use:

IRRIGATION						
Twp	Rng	Mer	Sec	Q-Q	GLot	Acres
25 S	30 E	WM	35	NE SW		31.5
25 S	30 E	WM	35	NW SW		32.0
25 S	30 E	WM	35	SW SW		33.4
25 S	30 E	WM	35	SE SW		33.5
25 S	30 E	WM	35	NE SE		31.7
25 S	30 E	WM	35	NW SE		32.6
25 S	30 E	WM	35	SW SE		33.1
25 S	30 E	WM	35	SE SE		33.0
26 S	30 E	WM	1	NE SW		31.6
26 S	30 E	WM	1	NW SW		32.3
26 S	30 E	WM	1	SW SW		31.7
26 S	30 E	WM	1	SE SW		32.4
26 S	30 E	WM	1	NE SE		32.7
26 S	30 E	WM	1	NW SE		33.3
26 S	30 E	WM	1	SW SE		32.7
26 S	30 E	WM	1	SE SE		33.3
26 S	30 E	WM	2	NE NE	1	32.4
26 S	30 E	WM	2	NW NE	2	32.7
26 S	30 E	WM	2	SW NE		32.4
26 S	30 E	WM	2	SE NE		33.3
26 S	30 E	WM	2	NE NW	3	31.9
26 S	30 E	WM	2	NW NW	4	32.6
26 S	30 E	WM	2	SW NW		32.8
26 S	30 E	WM	2	SE NW		33.5
26 S	31 E	WM	6	NE NE		33.4
26 S	31 E	WM	6	NW NE		33.6
26 S	31 E	WM	6	SW NE		33.9
26 S	31 E	WM	6	SE NE		34.2
26 S	31 E	WM	6	NE NW		34.4
26 S	31 E	WM	6	NW NW	1	34.4
26 S	31 E	WM	6	SW NW	2	35.1
26 S	31 E	WM	6	SE NW		35.1
Total						1056.5

6. Transfer Application T-12513 proposes six additional points of appropriation which are described in the table below:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
26 S	31 E	WM	6	SE NW	WELL 12 - 20 FEET NORTH AND 220 FEET WEST FROM THE CENTER OF SECTION 7
26 S	31 E	WM	6	SW SE	WELL 13 - 1740 FEET SOUTH AND 30 FEET EAST FROM THE CENTER OF SECTION 7
26 S	30 E	WM	1	SW SE	WELL 14 - 30 FEET NORTH AND 10 FEET EAST FROM THE SOUTH 1/4 CORNER OF SECTION 1
26 S	30 E	WM	1	SW SE	WELL 15 - 1800 FEET SOUTH AND 30 FEET EAST FROM THE CENTER OF SECTION 7
26 S	31 E	WM	6	SW NE	WELL 16 - 1450 FEET SOUTH AND 1110 FEET EAST FROM THE NORTH 1/4 CORNER OF SECTION 6
26 S	30 E	WM	1	NW SW	WELL 17 - 300 FEET SOUTH AND 50 FEET EAST FROM THE WEST 1/4 CORNER OF SECTION 1

The table below shows the proposed additional points of appropriation with the approximate measured distances from the authorized points of appropriation:

	WELL 12 (Proposed)	WELL 13 (Proposed)	WELL 14 (Proposed)	WELL 15 (Proposed)	WELL 16 (Proposed)	WELL 17 (Proposed)
WELL 1 (Authorized)	2.8 miles	3.0 miles	1.8 miles	3.1 miles	2.5 miles	1.1 miles
WELL 2 (Authorized)	2.4 miles	2.7 miles	1.4 miles	2.8 miles	2.0 miles	0.8 miles
WELL 3 (Authorized)	2.5 miles	2.7 miles	1.4 miles	2.8 miles	2.4 miles	0.8 miles
WELL 4 (Authorized)	2.1 miles	2.3 miles	1.0 mile	2.4 miles	2.0 miles	0.4 mile
WELL 5 (Authorized)	2.0 miles	2.3 miles	1.0 mile	2.4 miles	2.0 miles	0.4 mile
WELL 6 (Authorized)	1.7 miles	1.9 miles	0.6 mile	2.0 miles	1.7 miles	40 feet
WELL 7 (Authorized)	1.4 miles	1.6 miles	0.3 mile	1.7 miles	1.5 miles	0.3 mile
WELL 8 (Authorized)	1.0 mile	1.3 miles	0.3 mile	1.35 miles	1.0 mile	0.7 mile
WELL 9 (Authorized)	1.3 miles	1.6 miles	1.4 miles	1.65 miles	0.05 mile	1.7 mile
WELL 10 (Authorized)	1.5 miles	1.8 miles	1.4 miles	1.85 miles	0.3 mile	1.6 miles
WELL 11 (Authorized)	1.1 miles	1.4 miles	0.8 mile	1.5 miles	0.7 mile	1.0 mile

Transfer Review Criteria (OAR 690-380-4010)

7. Water has been used within the last five years according to the terms and conditions of the right. There is no information in the record that would demonstrate that the right is subject to forfeiture under ORS 540.610.
8. A pump, pipeline, and sprinkler system sufficient to use the full amount of water allowed under the existing right were present within the five-year period prior to submittal of Transfer Application T-12513.

9. The proposed change would not result in enlargement of the right.
10. The proposed change would not result in injury to other water rights.
11. All other application requirements are met.

Conclusions of Law

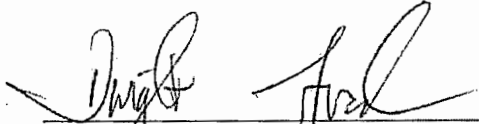
The additional points of appropriation proposed in Transfer Application T-12513 are consistent with the requirements of ORS 537.705 and 540.505 to 540.580 and OAR 690-380-5000.

Now, therefore, it is ORDERED:

1. The additional points of appropriation proposed in Transfer Application T-12513 are approved.
2. The right to the use of the water is restricted to beneficial use at the place of use described, and is subject to all other conditions and limitations contained in Certificate 90726 and any related decree.
3. Water right Certificate 90726 is cancelled.
4. The quantity of water diverted at the additional points of appropriation, together with that diverted at the original points of appropriation, shall not exceed the quantity of water lawfully available at the original points of appropriation.
5. Water use measurement conditions:
 - a. Before water use may begin under this order, the water user shall install totalizing flow meters, or, with prior approval of the Director, other suitable measuring devices at each point of appropriation (new and existing).
 - b. The water user shall maintain the meters or measuring devices in good working order.
 - c. The water user shall allow the Watermaster access to the meters or measuring devices; provided however, where the meters or measuring devices are located within a private structure, the Watermaster shall request access upon reasonable notice.
6. Water shall be acquired from the same aquifer (water source) as the original points of appropriation.
7. Full beneficial use of the water shall be made, consistent with the terms of this order, on or before **October 1, 2023**. A Claim of Beneficial Use prepared by a Certified Water Right Examiner shall be submitted by the applicant to the Department within one year after the deadline for completion of the change and full beneficial use of the water.

8. After satisfactory proof of beneficial use is received, a new certificate confirming the right transferred will be issued.

Dated at Salem, Oregon this 16 day of March 2018.



Dwight French, Water Right Services Administrator, for
Thomas M. Byler, Director
Oregon Water Resources Department

Mailing date: MAR 19 2018



Oregon

Kate Brown, Governor

Water Resources Department

North Mall Office Building

725 Summer St NE, Suite A

Salem, OR 97301

Phone (503) 986-0900

Fax (503) 986-0904

www.wrd.state.or.us

March 19, 2018

CHILDERS HAY RANCH INC.
30040 WEAVER SPRINGS LN
BURNS, OR 97720

REFERENCE: Transfer Application T-12513

Enclosed is a copy of the final order approving your water right transfer application.

The time allowed to complete the transfer is specified in the final order. **YOU SHOULD GIVE PARTICULAR ATTENTION TO THE TIME LIMIT.** The water right for any portion of the authorized change in character of use or change in place of use **NOT** carried out within the time allowed will be lost.

An extension of the time limit can be allowed only upon a showing that diligent effort has been made to complete the actual change(s) within the time allowed.

You are required to hire a Certified Water Rights Examiner (CWRE) to complete a Claim of Beneficial Use report and map which must be submitted to this Department within one year of the date you complete the change(s) or within one year of the completion date authorized in the transfer final order, whichever occurs first.

If you have any questions related to the approval of this transfer, you may contact your caseworker, Marcy Osborn, by telephone at 541-523-8224 or by e-mail at Marcy.j.osborn@oregon.gov.

Sincerely,

Sarah Henderson
Transfer and Conservation Section

cc: T-12513
J R. Johnson, District 10 Watermaster (via e-mail)
John A. Short, Agent for the applicant (via e-mail)

Enclosure

G-9764

STATE OF OREGON

COUNTY OF HARNEY

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

CHILDERS HAY RANCH, INC
548 MARKET STREET, #33940
SAN FRANCISCO, CA 94104

confirms the right to use the waters of WELLS 1 THROUGH 11 IN THE MALHEUR LAKE BASIN for IRRIGATION of 1056.5 ACRES.

This right was perfected under Permit G-8979. The date of priority is JUNE 4, 1980. The amount of water to which this right is entitled is limited to an amount actually used beneficially, and shall not exceed 13.21 CUBIC FEET PER SECOND (CFS), further limited to no more than 4.14 CFS from Well 1, 4.27 CFS from Well 2, 2.98 CFS from Well 3, 1.56 CFS from Well 4, 2.75 CFS from Well 5, 2.42 CFS from Well 6, 4.41 CFS from Well 7, 3.65 CFS from Well 8, 1.35 CFS from Well 9, 1.35 CFS from Well 10, and 4.38 CFS from Well 11, in any combination, or its equivalent in case of rotation, measured at the wells.

The wells are located as follows:

Twp	Rng	Mer	Sec	Q-Q	GLot	Measured Distances
25 S	30 E	WM	35	SW SW		WELL 1 (ORIGINAL) - 1300 FEET NORTH AND 1350 FEET WEST FROM S1/4 CORNER, SECTION 35
25 S	30 E	WM	35	NW SE		WELL 2 (ORIGINAL) - 1330 FEET NORTH AND 1280 FEET EAST FROM S1/4 CORNER, SECTION 35
26 S	30 E	WM	2	SW NW		WELL 3 (ORIGINAL) - 1340 FEET SOUTH AND 1350 FEET WEST FROM N1/4 CORNER, SECTION 2
26 S	30 E	WM	2	NW NE	2	WELL 4 (ORIGINAL) - 1310 FEET SOUTH AND 1280 FEET EAST FROM N1/4 CORNER, SECTION 2
26 S	30 E	WM	2	SW NE		WELL 5 (ORIGINAL) - 1350 FEET SOUTH AND 1280 FEET EAST FROM N1/4 CORNER, SECTION 2
26 S	30 E	WM	1	NW SW		WELL 6 (ORIGINAL) - 260 FEET SOUTH AND 40 FEET EAST FROM W1/4 CORNER, SECTION 1
26 S	30 E	WM	1	NW SW		WELL 7 (ORIGINAL) - 1310 FEET SOUTH AND 1310 FEET EAST FROM W1/4 CORNER, SECTION 1
26 S	30 E	WM	1	SE SE		WELL 8 (ORIGINAL) - 1330 FEET SOUTH AND 1310 FEET WEST FROM E1/4 CORNER, SECTION 1
26 S	31 E	WM	6	SE NE		WELL 9 (ORIGINAL) - 1330 FEET SOUTH AND 1310 FEET WEST FROM NE CORNER, SECTION 6
26 S	31 E	WM	6	NW NE		WELL 10 (ADDITIONAL) - 80 FEET SOUTH AND 60 FEET EAST FROM N1/4 CORNER, SECTION 6
26 S	31 E	WM	6	SW NW	2	WELL 11 (ADDITIONAL) - 280 FEET NORTH AND 160 FEET EAST FROM THE W1/4 CORNER, SECTION 6

The amount of water used for irrigation together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 3.0 acre-feet for each acre irrigated during the irrigation season of each year.

NOTICE OF RIGHT TO PETITION FOR RECONSIDERATION OR JUDICIAL REVIEW

This is an order in other than a contested case. This order is subject to judicial review under ORS 183.482. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.482. Pursuant to ORS 183.482, ORS 536.075 and OAR 137-003-0675, you may petition for judicial review and petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

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

A description of the place of use is as follows:

Twp	Rng	Mer	Sec	Q-Q	GLot	Acres
25 S	30 E	WM	35	NE SW		31.5
25 S	30 E	WM	35	NW SW		32.0
25 S	30 E	WM	35	SW SW		33.4
25 S	30 E	WM	35	SE SW		33.5
25 S	30 E	WM	35	NE SE		31.7
25 S	30 E	WM	35	NW SE		32.6
25 S	30 E	WM	35	SW SE		33.1
25 S	30 E	WM	35	SE SE		33.0
26 S	30 E	WM	1	NE SW		31.6
26 S	30 E	WM	1	NW SW		32.3
26 S	30 E	WM	1	SW SW		31.7
26 S	30 E	WM	1	SE SW		32.4
26 S	30 E	WM	1	NE SE		32.7
26 S	30 E	WM	1	NW SE		33.3
26 S	30 E	WM	1	SW SE		32.7
26 S	30 E	WM	1	SE SE		33.3
26 S	30 E	WM	2	NE NE	1	32.4
26 S	30 E	WM	2	NW NE	2	32.7
26 S	30 E	WM	2	SW NE		32.4
26 S	30 E	WM	2	SE NE		33.3
26 S	30 E	WM	2	NE NW	3	31.9
26 S	30 E	WM	2	NW NW	4	32.6
26 S	30 E	WM	2	SW NW		32.8
26 S	30 E	WM	2	SE NW		33.5
26 S	31 E	WM	6	NE NE		33.4
26 S	31 E	WM	6	NW NE		33.6
26 S	31 E	WM	6	SW NE		33.9
26 S	31 E	WM	6	SE NE		34.2
26 S	31 E	WM	6	NE NW		34.4
26 S	31 E	WM	6	NW NW	1	34.4
26 S	31 E	WM	6	SW NW	2	35.1
26 S	31 E	WM	6	SE NW		35.1

The wells shall be maintained in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon.

Water shall be acquired from the same aquifer (water source) as the original points of appropriation.

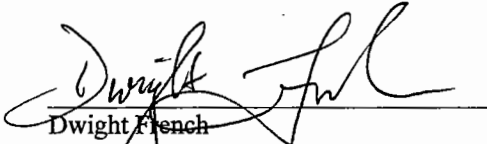
The quantity of water diverted at the additional points of appropriation, together with that diverted at the original points of appropriation, shall not exceed the quantity of water lawfully available from the original points of appropriation

When required by the Department, the water user shall install, maintain, and operate an in-line flow meter or other suitable device for measuring and recording the quantity of water diverted. The type and plans of the measuring device must be approved by the Department prior to beginning construction and shall be installed under the general supervision of the Department.

The right to the use of the water for the above purpose is restricted to beneficial use on the lands or place of use described.

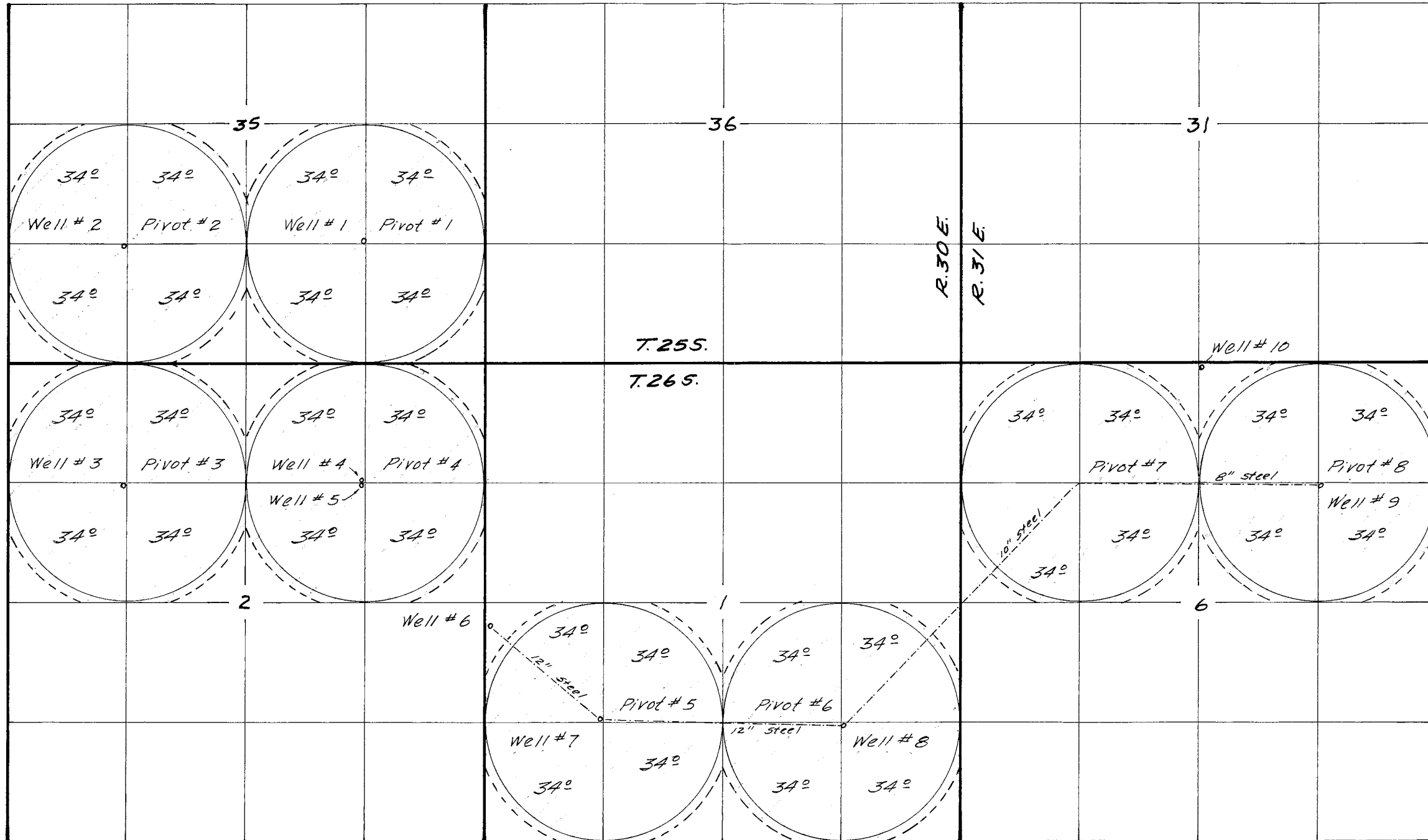
This certificate is issued to confirm TWO ADDITIONAL POINTS OF APPROPRIATION approved by an order of the Water Resources Director entered FEBRUARY 24, 2009, at Special Order Volume 77, Page 318, approving Transfer Application 10363, supersedes Certificate 83368, State record of Water Right Certificates.

Issued SEP 04 2015


Dwight French
Water Right Services Division Administrator, for
Thomas M. Byler, Director
Oregon Water Resources Department



T. 25 & 26 S., R. 30 & 31 E., W.M.



WELLS LOCATED:- #1 1330' N. & 1330' W., #2 1310' N. & 3970' W., #3 1330' S. & 3970' W., #4 1310' S. & 1330' W.
 #5 1330' S. & 1330' W. all from the NE corner Sec. 2., #6 260' S. & 40' E., #7 1310' S. & 1310' E.
 #8 1330' S. & 3970' E. all from the W/4 corner Sec. 1., #9 1330' S. & 1310' W. #10 20' S. & 2630' S.
 both from the N.E. corner Section 6

Application No. 69764
 Form No. G 8079

Estes Surveys, LLC
60382 Arnold Mkt. Rd.
Bend, OR 97702

G 9764

Steve Brown, Water Right Specialist
Water Resources Dept.
725 Summer St. NE, Suite A
Salem, OR 97301-1266



97301#1266



G-9764

BEFORE THE WATER RESOURCES DEPARTMENT
OF THE
STATE OF OREGON

In the Matter of Transfer Application) FINAL ORDER APPROVING
T-10363, Harney County) ADDITIONAL POINTS OF
) APPROPRIATION

Authority

ORS 537.705 and 540.505 to 540.580 establish the process in which a water right holder may submit a request to transfer the point of appropriation, place of use, or character of use authorized under an existing water right. OAR Chapter 690, Division 380 implements the statutes and provides the Department's procedures and criteria for evaluating transfer applications.

Applicant

SPENCER L. CHILDERS
30040 WEAVER SPRINGS LANE
BURNS OR 97720

Findings of Fact

Background

1. On April 9, 2007 Spencer L. Childers filed an application for additional points of appropriation under Certificates 83368. The Department assigned the application number T-10363.

2. The right to be transferred is as follows:

Certificate: 83368 in the name of Glen Chowning and Assoc. (perfected under Permit G-8979)

Use: IRRIGATION of 1056.5 ACRES

Priority Date: JUNE 4, 1980

Rate: 13.21 CUBIC FEET PER SECOND

Limit/Duty: ONE-EIGHTIETH cfs per acre, not to exceed 3.0 acre-feet per acre per year

Source: WELLS 1-9 in the MALHEUR LAKE BASIN

This final order is subject to judicial review by the Court of Appeals under ORS 183.482. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.482(1). Pursuant to ORS 536.075 and OAR 137-003-0675, you may petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

Authorized Points of Appropriation:

Twp	Rng	Mer	Sec	Q-Q	Survey Coordinates
25 S	30 E	WM	35	SW SW	WELL NO 1: 1300 FEET NORTH AND 1350 FEET WEST FROM THE S¼ CORNER OF SECTION 35
25 S	30 E	WM	35	NW SE	WELL NO 2: 1330 FEET NORTH AND 1280 FEET EAST FROM THE S¼ CORNER OF SECTION 35
26 S	30 E	WM	2	SW NW	WELL NO 3: 1340 FEET SOUTH AND 1350 FEET WEST FROM THE N¼ CORNER OF SECTION 2
26 S	30 E	WM	2	NW NE	WELL NO 4: 1310 FEET SOUTH AND 1280 FEET EAST FROM THE N¼ CORNER OF SECTION 2
26 S	30 E	WM	2	SW NE	WELL NO 5: 1350 FEET SOUTH AND 1280 FEET EAST FROM THE N¼ CORNER OF SECTION 2
26 S	30 E	WM	1	NW SW	WELL NO 6: 260 FEET SOUTH AND 40 FEET EAST FROM THE W¼ CORNER OF SECTION 1
26 S	30 E	WM	1	NW SW	WELL NO 7: 1310 FEET SOUTH AND 1310 FEET EAST FROM THE W¼ CORNER OF SECTION 1
26 S	30 E	WM	1	SE SE	WELL NO 8: 1330 FEET SOUTH AND 1310 FEET WEST FROM THE E¼ CORNER OF SECTION 1
26 S	31 E	WM	6	SE NE	WELL NO 9: 1330 FEET SOUTH AND 1310 FEET WEST FROM THE NE CORNER OF SECTION 6

Authorized Place of Use:

IRRIGATION					
Twp	Rng	Mer	Sec	Q-Q	Acres
25 S	30 E	WM	35	NE SW	32.6
25 S	30 E	WM	35	NW SW	32.6
25 S	30 E	WM	35	SW SW	32.6
25 S	30 E	WM	35	SE SW	32.6
25 S	30 E	WM	35	NE SE	32.6
25 S	30 E	WM	35	NW SE	32.6
25 S	30 E	WM	35	SW SE	32.6
25 S	30 E	WM	35	SE SE	32.6
26 S	30 E	WM	1	NE SW	32.0
26 S	30 E	WM	1	NW SW	32.0
26 S	30 E	WM	1	SW SW	32.0
26 S	30 E	WM	1	SE SW	32.0
26 S	30 E	WM	1	NE SE	33.0
26 S	30 E	WM	1	NW SE	33.0
26 S	30 E	WM	1	SW SE	33.0
26 S	30 E	WM	1	SE SE	33.0
26 S	30 E	WM	2	NE NE	32.7
26 S	30 E	WM	2	NW NE	32.7
26 S	30 E	WM	2	SW NE	32.7
26 S	30 E	WM	2	SE NE	32.7
26 S	30 E	WM	2	NE NW	32.7
26 S	30 E	WM	2	NW NW	32.7
26 S	30 E	WM	2	SW NW	32.7
26 S	30 E	WM	2	SE NW	32.7
26 S	31 E	WM	6	NE NE	33.7
26 S	31 E	WM	6	NW NE	33.8
26 S	31 E	WM	6	SW NE	33.8

IRRIGATION					
Twp	Rng	Mer	Sec	Q-Q	Acres
26 S	31 E	WM	6	SE NE	33.8
26 S	31 E	WM	6	NE NW	34.8
26 S	31 E	WM	6	NW NW	34.7
26 S	31 E	WM	6	SW NW	34.7
26 S	31 E	WM	6	SE NW	34.8
Total Acres:					1056.5

3. Application T-10363 proposes to add two authorized points of appropriation: Well 10, approximately ¼ mile from Well 9; and Well 11, approximately 1600 feet from Well 8. Specifically, the two additional points of appropriation will be located:

Twp	Rng	Mer	Sec	Q-Q	Survey Coordinates
26 S	31 E	WM	6	NW NE	WELL #10: 80 FEET SOUTH AND 60 FEET EAST FROM THE N¼ CORNER OF SECTION 6
26 S	30 E	WM	1	SE SE	WELL #11: 280 FEET NORTH AND 160 FEET EAST FROM THE W¼ CORNER OF SECTION 6

4. Notice of the application for transfer was published on April 17, 2007 pursuant to OAR 690-380-4000. No comments were filed in response to the notice.
5. On April 22, 2008 the Department mailed a copy of the draft Preliminary Determination proposing to approve Transfer Application T-10363 to the applicant. The draft Preliminary Determination set forth a deadline of May 21, 2008 for the applicant to respond. The applicant requested that the Department proceed with issuance of a Preliminary Determination and provided the necessary information to demonstrate that the applicant is authorized to pursue the transfer.
6. On August 12, 2008, the Department issued a Preliminary Determination proposing to approve Transfer T-10363 and mailed a copy to the applicant. Additionally, notice of the Preliminary Determination for the transfer application was published on the Department's weekly notice on August 26, 2008, and in the Burns Times-Herald newspaper on September 10, 17 and 24, 2008, pursuant to ORS 540.520 and OAR 690-380-4020. No protests were filed in response to the notice.

Transfer Review Criteria (OAR 690-380-4010)

7. Water has been used within the last five years according to the terms and conditions of the right. There is no information in the record that would demonstrate that the right is subject to forfeiture under ORS 540.610.
8. A pump, pipeline, and sprinkler system sufficient to use the full amount of water allowed under the existing right were present within the five-year period prior to submittal of Application T-10363.
9. The proposed change would not result in enlargement of the right.

10. The proposed change would not result in injury to other water rights.

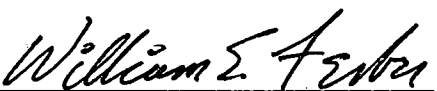
Conclusions of Law

The additional points of appropriation proposed in application T-10363 are consistent with the requirements of ORS 537.705 and ORS 540.505 to 540.580, and OAR 690-380-5000.

Now, therefore, it is ORDERED:

1. The additional points of appropriation proposed in application T-10363 are approved.
2. The right to the use of the water is restricted to beneficial use at the place of use described and is subject to all other conditions and limitations contained in Certificate 83368 and any related decree.
3. Water right certificate 83368 is cancelled.
4. Water shall be acquired from the same aquifer (water source) as the original points of appropriation.
5. The quantity of water diverted at the additional points of appropriation, together with that diverted at the original points of appropriation, shall not exceed the quantity of water lawfully available at the original points of appropriation.
6. When required by the Department, the water user shall install, maintain and operate an in-line flow meter or other suitable device for measuring and recording the quantity of water diverted. The type and plans of the measuring device must be approved by the Department prior to beginning construction and shall be installed under the general supervision of the Department.
7. The approved changes shall be completed and full beneficial use of the water shall be made on or before **October 1, 2010**. A Claim of Beneficial Use prepared by a Certified Water Rights Examiner shall be submitted by the applicant to the Department within one year after the deadline for completion of the changes and full beneficial use of the water.
8. When satisfactory proof of the completed changes is received, a new certificate confirming the right transferred will be issued.

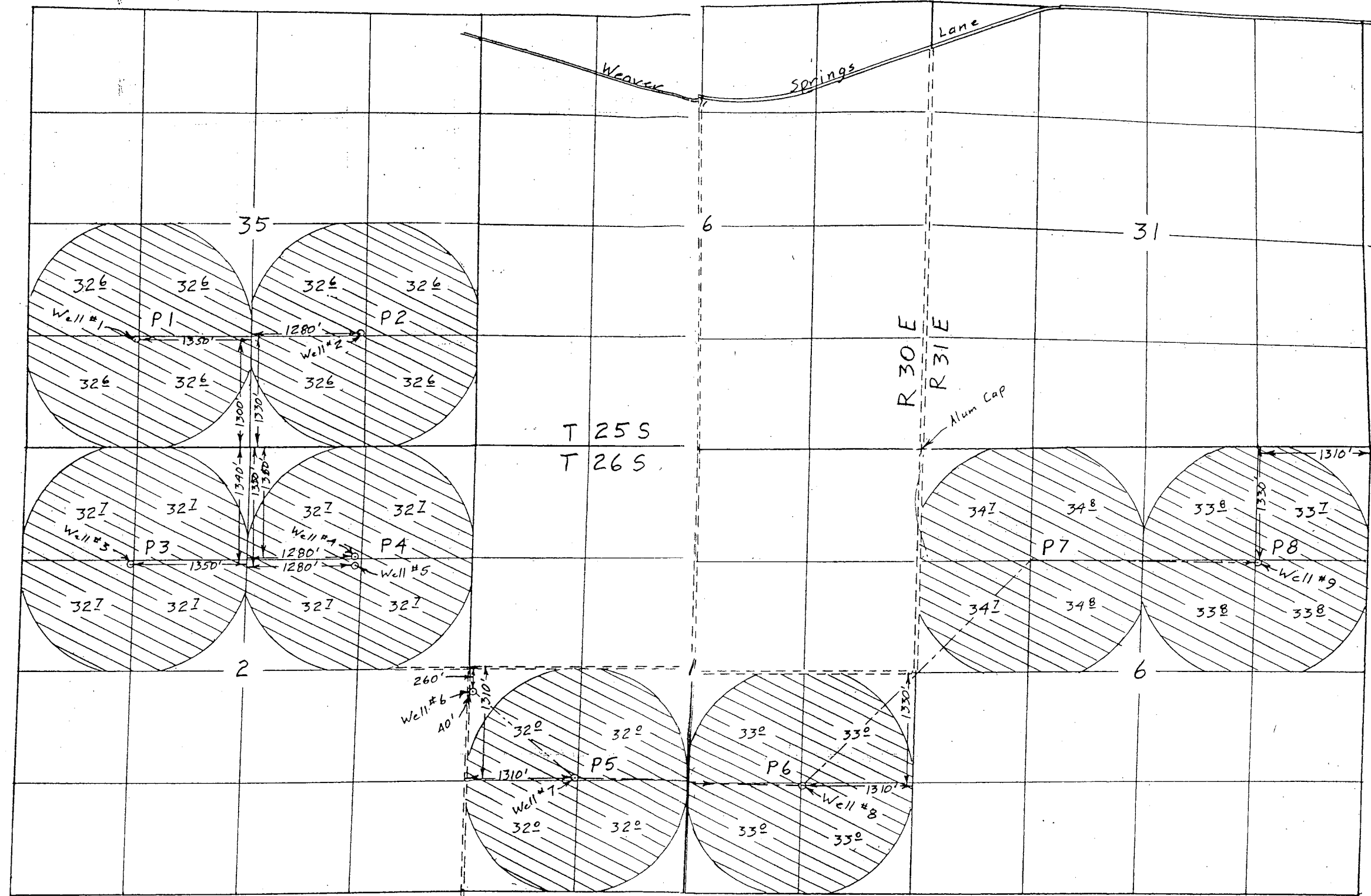
Dated at Salem, Oregon this 24th day of February, 2009.


for Phillip C. Ward, Director

Mailing date: MAR 02 2009



Scale 1" = 1320'
(4" = 1 mile)



T 25 S
T 26 S

App G-9764
Per G-8979

RECEIVED
 APR 27 2005
 WATER RESOURCES DEPT
 SALEM, OREGON

Surveyed Sep 29, 2003

1056[±] acres

Claim of Beneficial Use Map
for
HERB VLOEDMAN

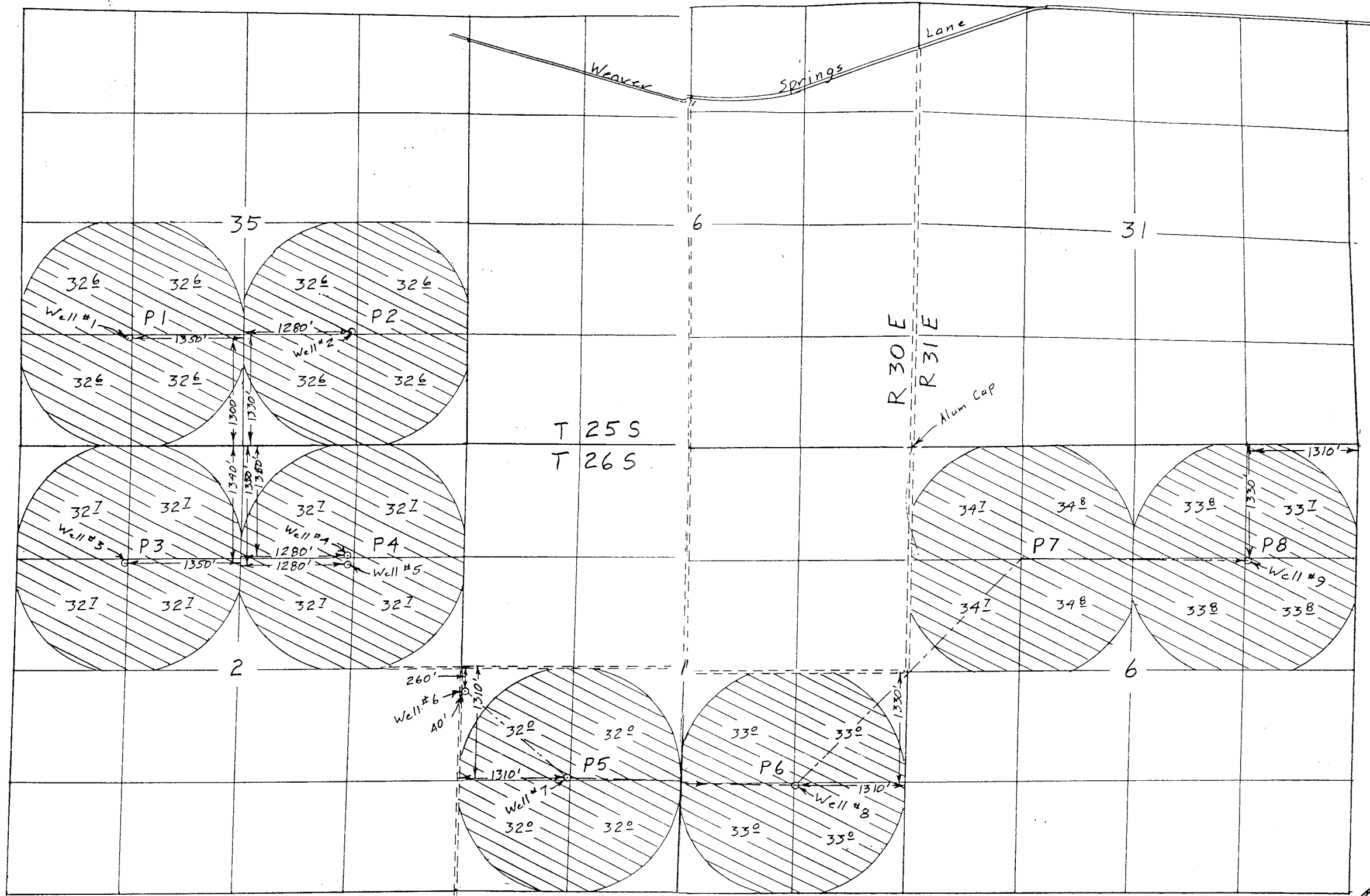
Certified Water Right Examiner
 #1
Bruce A. Estes
 Bruce A. Estes
 Nov. 19, 1987
 STATE OF OREGON
 Renewed Dec 31, 2005

This map is for the purpose of locating a water right only and has no intent to provide legal dimensions or the location of property lines.

ESTES SURVEYS, LLC
 PO Box 17518 60382 Arnold Rd
 Salem, OR 97305-7519 Bend, OR 97702
 (503) 585-7593 (541) 382-7391



Scale 1" = 1320'
(4" = 1 mile)



App G-9764
Per G-8979

RECEIVED
APR 27 2005
WATER RESOURCES DEPT
SALEM, OREGON

Surveyed Sep 29, 2003

1056.5 acres

Claim of Beneficial Use Map
for
HERB VLOEDMAN

Certified Water Right Examiner
#1
Bruce A. Estes
Bruce A. Estes
Nov. 19, 1987
STATE OF OREGON
Renewal: Dec 31, 2005

This map is for the purpose of
locating a water right only
and has no intent to provide
legal dimensions or the location
of property lines.

ESTES SURVEYS, LLC
PO Box 17519 60382 Arnold Rd
Salem, OR 97305-7519 Bend, OR 97702
(503) 585-7593 (541) 382-7391

STATE OF OREGON

COUNTY OF HARNEY

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

GLENN CHOWNING AND ASSOC.
PO BOX 862
HERMISTON, OREGON 97838

confirms the right to use the waters of WELLS 1 THROUGH 9 in the MALHEUR LAKE BASIN for IRRIGATION OF 1056.5 ACRES.

This right was perfected under Permit G-8979. The date of priority is JUNE 4, 1980. This right is limited to 13.21 CUBIC FEET PER SECOND, or its equivalent in case of rotation, measured at the wells.

The wells are located as follows:

WELL NO. 1 - SW 1/4 SW 1/4, SECTION 35, TOWNSHIP 25 SOUTH, RANGE 30 EAST, W.M.; 1300 FEET NORTH AND 1350 FEET WEST FROM THE SOUTH 1/4 CORNER OF SECTION 35;

WELL NO. 2 - NW 1/4 SE 1/4, SECTION 35, TOWNSHIP 25 SOUTH, RANGE 30 EAST, W.M.; 1330 FEET NORTH AND 1280 FEET EAST FROM THE SOUTH 1/4 CORNER OF SECTION 35;

WELL NO. 3 - SW 1/4 NW 1/4, SECTION 2, TOWNSHIP 26 SOUTH, RANGE 30 EAST, W.M.; 1340 FEET SOUTH AND 1350 FEET WEST FROM THE NORTH 1/4 CORNER OF SECTION 2;

WELL NO. 4 - NW 1/4 NE 1/4, SECTION 2, TOWNSHIP 26 SOUTH, RANGE 30 EAST, W.M.; 1310 FEET SOUTH AND 1280 FEET EAST FROM THE NORTH 1/4 CORNER OF SECTION 2;

This is a final order in other than a contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within the 60 day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080 you may either petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

In addition, under ORS 537.260 any person with an application, permit or water right certificate subsequent in priority may jointly or severally contest the issuance of the certificate at any time before it has issued, and after the time has expired for the completion of the appropriation under the permit, or within three months after issuance of the certificate.

WELL NO. 5 - SW 1/4 NE 1/4, SECTION 2, TOWNSHIP 26 SOUTH, RANGE 30 EAST, W.M.; 1350 FEET SOUTH AND 1280 FEET EAST FROM THE NORTH 1/4 CORNER OF SECTION 2;

WELL NO. 6 - NW 1/4 SW 1/4, SECTION 1, TOWNSHIP 26 SOUTH, RANGE 30 EAST, W.M.; 260 FEET SOUTH AND 40 FEET EAST FROM THE WEST 1/4 CORNER OF SECTION 1;

WELL NO. 7 - NW 1/4 SW 1/4, SECTION 1, TOWNSHIP 26 SOUTH, RANGE 30 EAST, W.M.; 1310 FEET SOUTH AND 1310 FEET EAST FROM THE WEST 1/4 CORNER OF SECTION 1;

WELL NO. 8 - SE 1/4 SE 1/4, SECTION 1, TOWNSHIP 26 SOUTH, RANGE 30 EAST, W.M.; 1330 FEET SOUTH AND 1310 FEET WEST FROM THE EAST 1/4 CORNER OF SECTION 1; AND

WELL NO. 9 - SE 1/4 NE 1/4, SECTION 6, TOWNSHIP 26 SOUTH, RANGE 31 EAST, W.M.; 1330 FEET SOUTH AND 1310 FEET WEST FROM THE NE CORNER OF SECTION 6.

The amount of water used for irrigation together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 3.0 acre-feet for each acre irrigated during the irrigation season of each year.

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

A description of the place of use to which this right is appurtenant is as follows:

NE 1/4 SW 1/4	32.6 ACRES
NW 1/4 SW 1/4	32.6 ACRES
SW 1/4 SW 1/4	32.6 ACRES
SE 1/4 SW 1/4	32.6 ACRES
NE 1/4 SE 1/4	32.6 ACRES
NW 1/4 SE 1/4	32.6 ACRES
SW 1/4 SE 1/4	32.6 ACRES
SE 1/4 SE 1/4	32.6 ACRES

SECTION 35

TOWNSHIP 25 SOUTH, RANGE 30 EAST, W.M.

NE 1/4 SW 1/4	32.0 ACRES
NW 1/4 SW 1/4	32.0 ACRES
SW 1/4 SW 1/4	32.0 ACRES
SE 1/4 SW 1/4	32.0 ACRES

NE 1/4 SE 1/4	33.0 ACRES
NW 1/4 SE 1/4	33.0 ACRES
SW 1/4 SE 1/4	33.0 ACRES
SE 1/4 SE 1/4	33.0 ACRES

SECTION 1

NE 1/4 NE 1/4	32.7 ACRES
NW 1/4 NE 1/4	32.7 ACRES
SW 1/4 NE 1/4	32.7 ACRES
SE 1/4 NE 1/4	32.7 ACRES
NE 1/4 NW 1/4	32.7 ACRES
NW 1/4 NW 1/4	32.7 ACRES
SW 1/4 NW 1/4	32.7 ACRES
SE 1/4 NW 1/4	32.7 ACRES

SECTION 2

TOWNSHIP 26 SOUTH, RANGE 30 EAST, W.M.

NE 1/4 NE 1/4	33.7 ACRES
NW 1/4 NE 1/4	33.8 ACRES
SW 1/4 NE 1/4	33.8 ACRES
SE 1/4 NE 1/4	33.8 ACRES
NE 1/4 NW 1/4	34.8 ACRES
NW 1/4 NW 1/4	34.7 ACRES
SW 1/4 NW 1/4	34.7 ACRES
SE 1/4 NW 1/4	34.8 ACRES

SECTION 6

TOWNSHIP 26 SOUTH, RANGE 31 EAST, W.M.


THIS CERTIFICATE IS ISSUED TO CORRECTLY DESCRIBE THE PLACE OF USE AND SUPERSEDES CERTIFICATE 81597.

The issuance of this superseding certificate does not confirm the status of the water right in regard to the provisions of ORS 540.610 pertaining to forfeiture or abandonment.

The wells shall be maintained in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon.

The right to use water for the above purpose is restricted to beneficial use on the lands or place of use described.

Issued **JUN 29 2007**


 Phillip C. Ward, Director
 Water Resources Department

Recorded in State Record of Water Right Certificates Number 83368.



Oregon

Theodore R. Kulongoski, Governor

Water Resources Department
North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900
FAX 503-986-0904

Date Mailed: June 29, 2007

NOTICE OF CERTIFICATE ISSUANCE

Attached is a certificate that correctly describes the water right. The water right is appurtenant to the specific place where the use was established as described by the certificate. The owner of the land is the owner of the water right. The water right is limited to a specific amount of water, but not more than can be beneficially used for the purposes stated within the certificate.

This is a final order in other than a contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within **60 days of the mailing date stated above** as specified by ORS 183.484(2).

This statement of judicial review rights is required under ORS 536.075; it does not alter or add to existing review rights or create review rights that are not otherwise provided by law.

Oregon law does not allow the Director to reissue a certificate because of a change in the ownership. The water must be controlled and not wasted. To change the location of the point of diversion, the character of use, or the location of use requires the advance approval of the Water Resources Director.

The issuance of this superseding certificate does not confirm the status of the water right in regard to the provisions of ORS 540.610 pertaining to forfeiture or abandonment

If any portion of this water right is not used for five or more consecutive years, that portion of the right may be subject to forfeiture according to ORS 540.610. Land enrolled in a Federal Reserve Program is not subject to forfeiture during the period of enrollment. Other exceptions to forfeiture are explained in ORS 540.610.

If you have any questions please contact Gerry Clark at 503-986-0811.

original to certificate holder, copy to file



Mailing List for Certificate

Mailing Date:

Application G-9764
Permit G-8979
Certificate 83368

Permit/Certificate Holder:

GLENN CHOWNING AND ASSOC. ✓
PO BOX 862
HERMISTON, OREGON 97838

Copies Mailed
By: <u>Connie Vance</u> (STAFF)
on: <u>6/29/2007</u> (DATE)

Copies of Final Certificate to be sent to:

1. Watermaster # 10: June Miller ✓
2. Data Center ✓
3. Water Availability ✓

Other persons to receive copies:

Bruce Estes ✓

OTHER FILES TO MARK

Old Certificate: 81597 ✓

Gerry Clark

From: Cory Engel [Cory.C.ENGEL@wrd.state.or.us]
Sent: Monday, June 26, 2006 8:12 AM
To: 'June Miller'
Cc: 'Gerry Clark'
Subject: RE: App G-9764

June,

I'm an Associate Bureaucrat of Permit Red Tape. Gerry Clark is the Chief Bureaucrat of Certificate Red Tape, so I'm forwarding your message to him.

Cory

From: June Miller [mailto:June.U.Miller@wrd.state.or.us]
Sent: Thursday, June 22, 2006 11:57 AM
To: Cory.C.ENGEL@wrd.state.or.us
Subject: App G-9764

I don't know who should get this, so I picked you. Lucky huh!

Cert # 81597 has a typo error in the place of use. The location in the NE SE should be the NE SW. This is in agreement with the map also.

I don't know if you will type a new certificate up or not, or shall I just note it on the certificate? The Salem plat cards would need to reflect the correction.

Thanks

June

June Miller
Watermaster, District 10
450 North Buena Vista
Burns, Oregon 97720
541-573-2591

STATE OF OREGON
COUNTY OF HARNEY
CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

GLENN CHOWNING AND ASSOC.
PO BOX 862
HERMISTON, OREGON 97838

confirms the right to use the waters of WELLS 1 THROUGH 9 in the MALHEUR LAKE BASIN for IRRIGATION OF 1056.5 ACRES.

This right was perfected under Permit G-8979. The date of priority is JUNE 4, 1980. This right is limited to 13.21 CUBIC FEET PER SECOND, or its equivalent in case of rotation, measured at the wells.

The wells are located as follows:

WELL NO. 1 - SW 1/4 SW 1/4, SECTION 35, TOWNSHIP 25 SOUTH, RANGE 30 EAST, W.M.; 1300 FEET NORTH AND 1350 FEET WEST FROM THE SOUTH 1/4 CORNER OF SECTION 35;

WELL NO. 2 - NW 1/4 SE 1/4, SECTION 35, TOWNSHIP 25 SOUTH, RANGE 30 EAST, W.M.; 1330 FEET NORTH AND 1280 FEET EAST FROM THE SOUTH 1/4 CORNER OF SECTION 35;

WELL NO. 3 - SW 1/4 NW 1/4, SECTION 2, TOWNSHIP 26 SOUTH, RANGE 30 EAST, W.M.; 1340 FEET SOUTH AND 1350 FEET WEST FROM THE NORTH 1/4 CORNER OF SECTION 2;

WELL NO. 4 - NW 1/4 NE 1/4, SECTION 2, TOWNSHIP 26 SOUTH, RANGE 30 EAST, W.M.; 1310 FEET SOUTH AND 1280 FEET EAST FROM THE NORTH 1/4 CORNER OF SECTION 2;

This is a final order in other than a contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within the 60 day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080 you may either petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

In addition, under ORS 537.260 any person with an application, permit or water right certificate subsequent in priority may jointly or severally contest the issuance of the certificate at any time before it has issued, and after the time has expired for the completion of the appropriation under the permit, or within three months after issuance of the certificate.

WELL NO. 5 - SW 1/4 NE 1/4, SECTION 2, TOWNSHIP 26 SOUTH, RANGE 30 EAST, W.M.; 1350 FEET SOUTH AND 1280 FEET EAST FROM THE NORTH 1/4 CORNER OF SECTION 2;

WELL NO. 6 - NW 1/4 SW 1/4, SECTION 1, TOWNSHIP 26 SOUTH, RANGE 30 EAST, W.M.; 260 FEET SOUTH AND 40 FEET EAST FROM THE WEST 1/4 CORNER OF SECTION 1;

WELL NO. 7 - NW 1/4 SW 1/4, SECTION 1, TOWNSHIP 26 SOUTH, RANGE 30 EAST, W.M.; 1310 FEET SOUTH AND 1310 FEET EAST FROM THE WEST 1/4 CORNER OF SECTION 1;

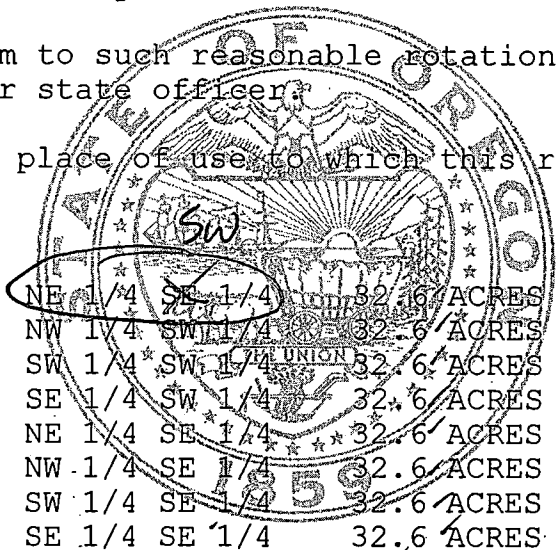
WELL NO. 8 - SE 1/4 SE 1/4, SECTION 1, TOWNSHIP 26 SOUTH, RANGE 30 EAST, W.M.; 1330 FEET SOUTH AND 1310 FEET WEST FROM THE EAST 1/4 CORNER OF SECTION 1; AND

WELL NO. 9 - SE 1/4 NE 1/4, SECTION 6, TOWNSHIP 26 SOUTH, RANGE 31 EAST, W.M.; 1330 FEET SOUTH AND 1310 FEET WEST FROM THE NE CORNER OF SECTION 6.

The amount of water used for irrigation together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 3.0 acre-feet for each acre irrigated during the irrigation season of each year.

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

A description of the place of use to which this right is appurtenant is as follows:



NE 1/4 SE 1/4 32.6 ACRES
 NW 1/4 SW 1/4 32.6 ACRES
 SW 1/4 SW 1/4 32.6 ACRES
 SE 1/4 SW 1/4 32.6 ACRES
 NE 1/4 SE 1/4 32.6 ACRES
 NW 1/4 SE 1/4 32.6 ACRES
 SW 1/4 SE 1/4 32.6 ACRES
 SE 1/4 SE 1/4 32.6 ACRES

SECTION 35
 TOWNSHIP 25 SOUTH, RANGE 30 EAST, W.M.

NE 1/4 SW 1/4 32.0 ACRES
 NW 1/4 SW 1/4 32.0 ACRES
 SW 1/4 SW 1/4 32.0 ACRES
 SE 1/4 SW 1/4 32.0 ACRES
 NE 1/4 SE 1/4 33.0 ACRES
 NW 1/4 SE 1/4 33.0 ACRES
 SW 1/4 SE 1/4 33.0 ACRES
 SE 1/4 SE 1/4 33.0 ACRES

SECTION 1

NE 1/4 NE 1/4 32.7 ACRES
 NW 1/4 NE 1/4 32.7 ACRES
 SW 1/4 NE 1/4 32.7 ACRES
 SE 1/4 NE 1/4 32.7 ACRES
 NE 1/4 NW 1/4 32.7 ACRES
 NW 1/4 NW 1/4 32.7 ACRES
 SW 1/4 NW 1/4 32.7 ACRES
 SE 1/4 NW 1/4 32.7 ACRES

SECTION 2

TOWNSHIP 26 SOUTH, RANGE 30 EAST, W.M.

NE 1/4 NE 1/4 33.7 ACRES
 NW 1/4 NE 1/4 33.8 ACRES
 SW 1/4 NE 1/4 33.8 ACRES
 SE 1/4 NE 1/4 33.8 ACRES
 NE 1/4 NW 1/4 34.8 ACRES
 NW 1/4 NW 1/4 34.7 ACRES
 SW 1/4 NW 1/4 34.7 ACRES
 SE 1/4 NW 1/4 34.8 ACRES

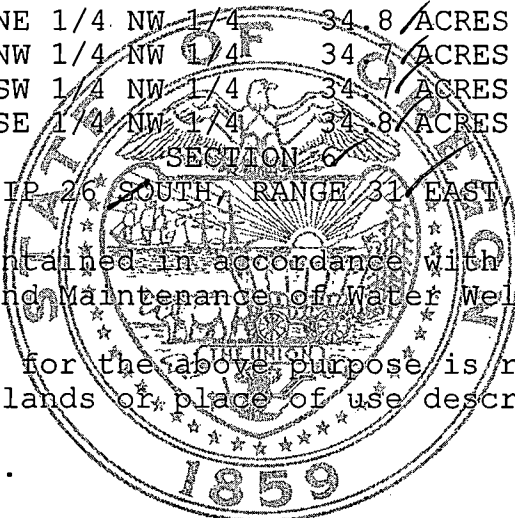
SECTION 6

TOWNSHIP 26 SOUTH, RANGE 31 EAST, W.M.

The wells shall be maintained in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon.

The right to use water for the above purpose is restricted to beneficial use on the lands or place of use described.

Issued AUGUST 18, 2005.



Philip C. Ward
 Philip C. Ward, Director
 Water Resources Department

Recorded in State Record of Water Right Certificates Number 81597.

Route Slip



Date _____

TO:	Name	Division/Section	Initial	Date
1.	Cliff Bentz			
2.	PO Box 5	97914		
3.	Ontario OR	97720		
4.				
5.	Fax 541-889-2432			

as requested	investigate	per conversation
approval	justify	prepare reply
comment	necessary action	return with more detail
confer	initial and return	review and circulate
for your information	note and file	signature

Herb Vloedman
 30040 Weaver Springs Ln
 Burns OR
 97720

FROM: _____ Phone No. _____

OREGON WATER RESOURCES DEPARTMENT



State of Oregon
Water Resources Department
725 Summer St NE, Ste A
Salem, OR 97301-1266
Phone #: (503) 986-0900
Fax#: (503) 986-0901
www.wrd.state.or.us

FAX TRANSMITTAL

TO: Cliff Bents FAX NUMBER: 541-889-2432
DATE: 8-18-05 PAGES: 4, INCLUDING COVER SHEET
FROM: Steve Brown PHONE: (503) 986-0 901
COMMENTS: _____

WATER RIGHTS

- Water Rights information
- Adjudications
- Hydroelectric
- Certifications / Final Proofs
- Hearings / Contested Cases

FAX: (503) 986-0901

TECHNICAL SERVICES

- Hydrographics
- Ground Water
- Information Services
- GIS/Mapping
- Dam Safety
- Enforcement
- Water Use Reporting

FAX: (503) 986-0902

FIELD SERVICES

- Regional Liaisons
- Transfers
- Hydrographics

NORTHWEST REGION

- District 16 Watermaster

DIRECTOR'S OFFICE

- Water Resources Commission
- Legislation and Rules
- Public Information

ADMINISTRATIVE SERVICES

- Fiscal / Accounting
- Human Resources / Personnel
- Water Development Loan Fund
- Support Services

FAX: (503) 986-0903 or
503-986-0904

STATE OF OREGON

COUNTY OF HARNEY

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

GLENN CHOWNING AND ASSOC.
PO BOX 862
HERMISTON, OREGON 97838

confirms the right to use the waters of WELLS 1 THROUGH 9 in the MALHEUR LAKE BASIN for IRRIGATION OF 1056.5 ACRES.

This right was perfected under Permit G-8979. The date of priority is JUNE 4, 1980. This right is limited to 13.21 CUBIC FEET PER SECOND, or its equivalent in case of rotation, measured at the wells.

The wells are located as follows:

WELL NO. 1 - SW 1/4 SW 1/4, SECTION 35, TOWNSHIP 25 SOUTH, RANGE 30 EAST, W.M.; 1300 FEET NORTH AND 1350 FEET WEST FROM THE SOUTH 1/4 CORNER OF SECTION 35;

WELL NO. 2 - NW 1/4 SE 1/4, SECTION 35, TOWNSHIP 25 SOUTH, RANGE 30 EAST, W.M.; 1330 FEET NORTH AND 1280 FEET EAST FROM THE SOUTH 1/4 CORNER OF SECTION 35;

WELL NO. 3 - SW 1/4 NW 1/4, SECTION 2, TOWNSHIP 26 SOUTH, RANGE 30 EAST, W.M.; 1340 FEET SOUTH AND 1350 FEET WEST FROM THE NORTH 1/4 CORNER OF SECTION 2;

WELL NO. 4 - NW 1/4 NE 1/4, SECTION 2, TOWNSHIP 26 SOUTH, RANGE 30 EAST, W.M.; 1310 FEET SOUTH AND 1280 FEET EAST FROM THE NORTH 1/4 CORNER OF SECTION 2;

This is a final order in other than a contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within the 60 day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080 you may either petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

In addition, under ORS 537.260 any person with an application, permit or water right certificate subsequent in priority may jointly or severally contest the issuance of the certificate at any time before it has issued, and after the time has expired for the completion of the appropriation under the permit, or within three months after issuance of the certificate.

WELL NO. 5 - SW 1/4 NE 1/4, SECTION 2, TOWNSHIP 26 SOUTH, RANGE 30 EAST, W.M.; 1350 FEET SOUTH AND 1280 FEET EAST FROM THE NORTH 1/4 CORNER OF SECTION 2;

WELL NO. 6 - NW 1/4 SW 1/4, SECTION 1, TOWNSHIP 26 SOUTH, RANGE 30 EAST, W.M.; 260 FEET SOUTH AND 40 FEET EAST FROM THE WEST 1/4 CORNER OF SECTION 1;

WELL NO. 7 - NW 1/4 SW 1/4, SECTION 1, TOWNSHIP 26 SOUTH, RANGE 30 EAST, W.M.; 1310 FEET SOUTH AND 1310 FEET EAST FROM THE WEST 1/4 CORNER OF SECTION 1;

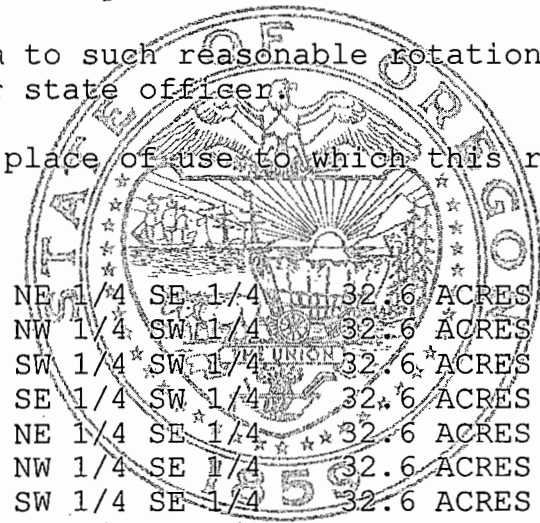
WELL NO. 8 - SE 1/4 SE 1/4, SECTION 1, TOWNSHIP 26 SOUTH, RANGE 30 EAST, W.M.; 1330 FEET SOUTH AND 1310 FEET WEST FROM THE EAST 1/4 CORNER OF SECTION 1; AND

WELL NO. 9 - SE 1/4 NE 1/4, SECTION 6, TOWNSHIP 26 SOUTH, RANGE 31 EAST, W.M.; 1330 FEET SOUTH AND 1310 FEET WEST FROM THE NE CORNER OF SECTION 6.

The amount of water used for irrigation together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 3.0 acre-feet for each acre irrigated during the irrigation season of each year.

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

A description of the place of use to which this right is appurtenant is as follows:



NE 1/4 SE 1/4 32.6 ACRES
 NW 1/4 SW 1/4 32.6 ACRES
 SW 1/4 SW 1/4 32.6 ACRES
 SE 1/4 SW 1/4 32.6 ACRES
 NE 1/4 SE 1/4 32.6 ACRES
 NW 1/4 SE 1/4 32.6 ACRES
 SW 1/4 SE 1/4 32.6 ACRES
 SE 1/4 SE 1/4 32.6 ACRES

SECTION 35

TOWNSHIP 25 SOUTH, RANGE 30 EAST, W.M.

NE 1/4 SW 1/4 32.0 ACRES
 NW 1/4 SW 1/4 32.0 ACRES
 SW 1/4 SW 1/4 32.0 ACRES
 SE 1/4 SW 1/4 32.0 ACRES
 NE 1/4 SE 1/4 33.0 ACRES
 NW 1/4 SE 1/4 33.0 ACRES
 SW 1/4 SE 1/4 33.0 ACRES
 SE 1/4 SE 1/4 33.0 ACRES

SECTION 1

NE 1/4 NE 1/4 32.7 ACRES
 NW 1/4 NE 1/4 32.7 ACRES
 SW 1/4 NE 1/4 32.7 ACRES
 SE 1/4 NE 1/4 32.7 ACRES
 NE 1/4 NW 1/4 32.7 ACRES
 NW 1/4 NW 1/4 32.7 ACRES
 SW 1/4 NW 1/4 32.7 ACRES
 SE 1/4 NW 1/4 32.7 ACRES

SECTION 2

TOWNSHIP 26 SOUTH, RANGE 30 EAST, W.M.

NE 1/4 NE 1/4 33.7 ACRES
 NW 1/4 NE 1/4 33.8 ACRES
 SW 1/4 NE 1/4 33.8 ACRES
 SE 1/4 NE 1/4 33.8 ACRES
 NE 1/4 NW 1/4 34.8 ACRES
 NW 1/4 NW 1/4 34.7 ACRES
 SW 1/4 NW 1/4 34.7 ACRES
 SE 1/4 NW 1/4 34.8 ACRES

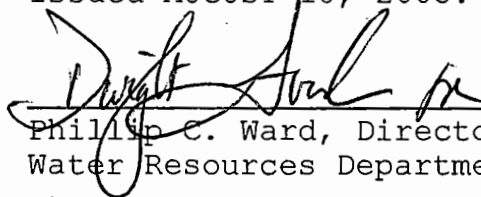
SECTION 6

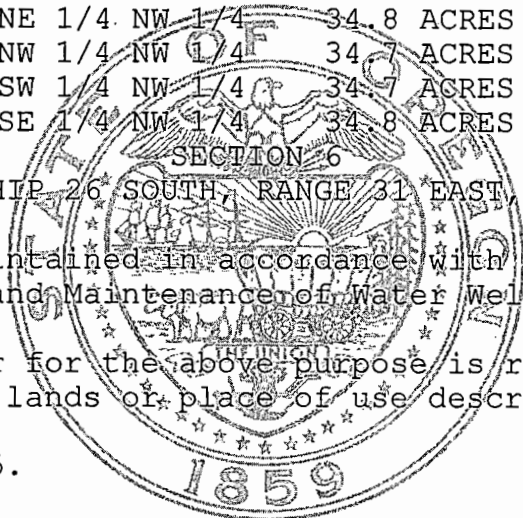
TOWNSHIP 26 SOUTH, RANGE 31 EAST, W.M.

The wells shall be maintained in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon.

The right to use water for the above purpose is restricted to beneficial use on the lands or place of use described.

Issued AUGUST 18, 2005.

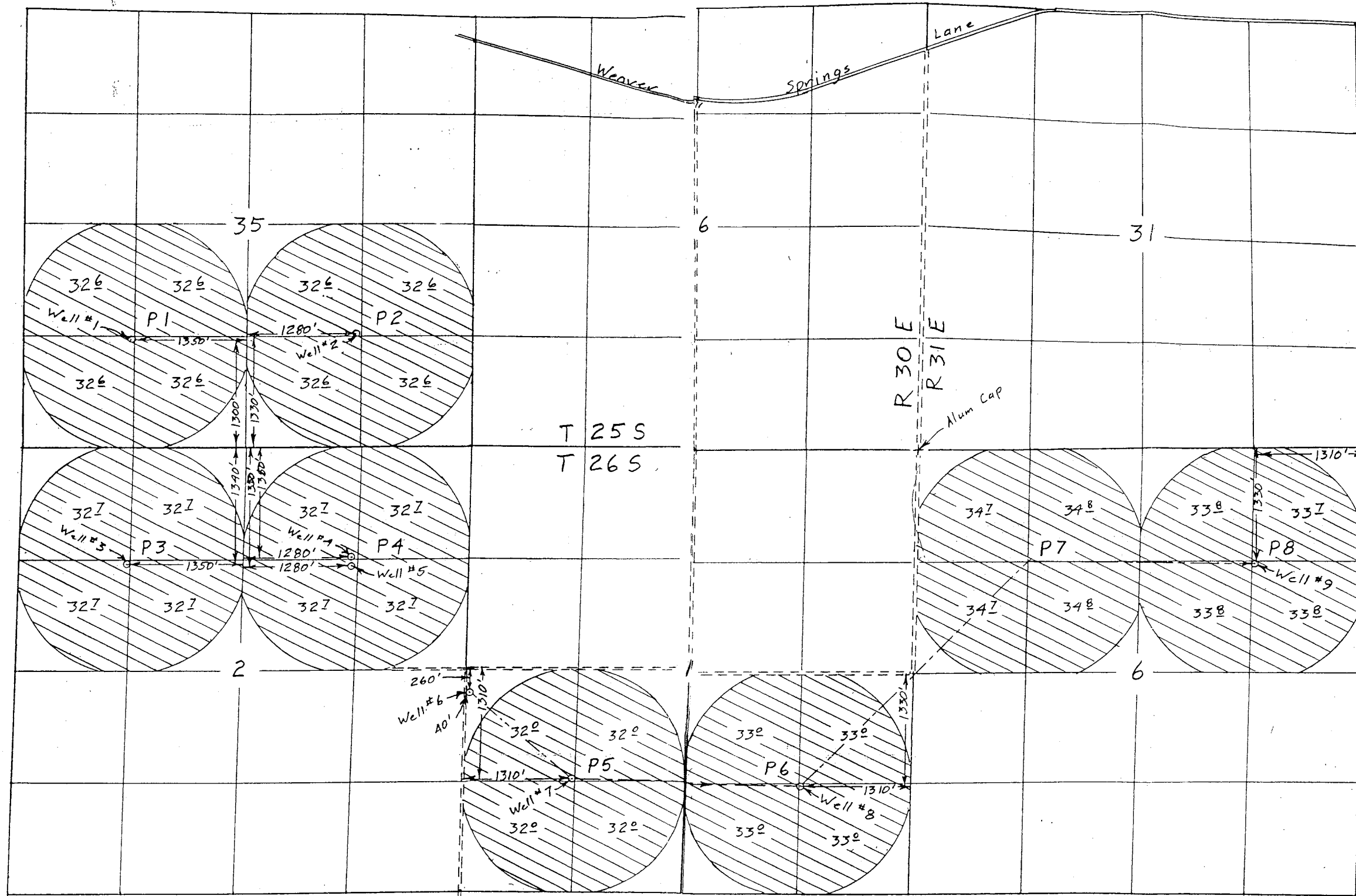

 Phillip C. Ward, Director
 Water Resources Department



Recorded in State Record of Water Right Certificates Number 81597.



Scale 1" = 1320'
(4" = 1 mile)



T 25 S
T 26 S

R 30 E
R 31 E
Alum Cap

App G-9764
Per G-8979

RECEIVED
APR 27 2005
WATER RESOURCES DEPT
SALEM, OREGON

Surveyed Sep 29, 2003

1056 1/2 acres

Claim of Beneficial Use Map
for
HERB VLOEDMAN

Certified Water Right Examiner
#1
Bruce A. Estes
Bruce A. Estes
Nov. 19, 1987
STATE OF OREGON
Renewal Dec 31, 2005

This map is for the purpose of
locating a water right only
and has no intent to provide
legal dimensions or the location
of property lines.

ESTES SURVEYS, LLC
PO Box 17519 60382 Arnold Rd
Salem, OR 97305-7519 Bend, OR 97702
(503) 565-7593 (541) 382-7391



Oregon

Theodore R. Kulongoski, Governor

Water Resources Department

North Mall Office Building

725 Summer Street NE, Suite A

Salem, OR 97301-1271

503-986-0900

FAX 503-986-0904

Date Mailed: AUGUST 18, 2005

NOTICE OF CERTIFICATE ISSUANCE

The attached certificate confirms the water right established under the terms of a permit issued by this department. The water right is now appurtenant to the specific place where the use was established as described by the certificate. The water right is limited to a specific amount of water, but not more than can be beneficially used for the purposes stated within the certificate.

This is a final order in other than a contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within **60 days of the mailing date stated above** as specified by ORS 183.484(2).

This statement of judicial review rights is required under ORS 536.075; it does not alter or add to existing review rights or create review rights that are not otherwise provided by law.

Under ORS 537.260 and 537.270, a water right certificate may be contested before the Water Resources Department within three (3) months of the date it is issued. If a certificate is contested, the qualifying contestant shall be offered an administrative hearing.

Oregon law does not allow the Director to reissue a certificate because of a change in the ownership of the appurtenant place of use. The water must be controlled and not wasted. To change the location of the point of diversion, the character of use, or the location of use requires the advance approval of the Water Resources Director.

If any portion of this water right is not used for five or more consecutive years, that portion of the right may be subject to forfeiture according to ORS 540.610. Land enrolled in a Federal Reserve Program is not subject to forfeiture during the period of enrollment. Other exceptions to forfeiture are explained in ORS 540.610.

If you have any questions please contact Steve Brown at 503-986-0809.

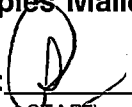
Mailing List for Certificate

Mailing Date: August 18, 2005

Application G-9764
Permit G-8979
Certificate 81597

Permit/Certificate Holder: (include copy of map)

✓ GLENN CHOWNING AND ASSOC.
PO BOX 862
HERMISTON, OREGON 97838

Copies Mailed	
By: <u></u>	(STAFF)
on: <u>8-18-05</u>	(DATE)

Copies of Final Certificate to be sent to:

- ✓ 1. Watermaster # 10: June Miller (include copy of map)
- ✓ 2. Data Center (include copy of map)
- ✓ 3. Water Availability

Other persons to receive copies: (Include map)

✓ Bruce Estes

✓ Cliff Bentz - PO Box 5 Ontario OR 97914

Herb Vloedman
✓ 30040 Weaver Springs Ln
Burns OR 97720

Conservation Plan Map

Herb Vloedman

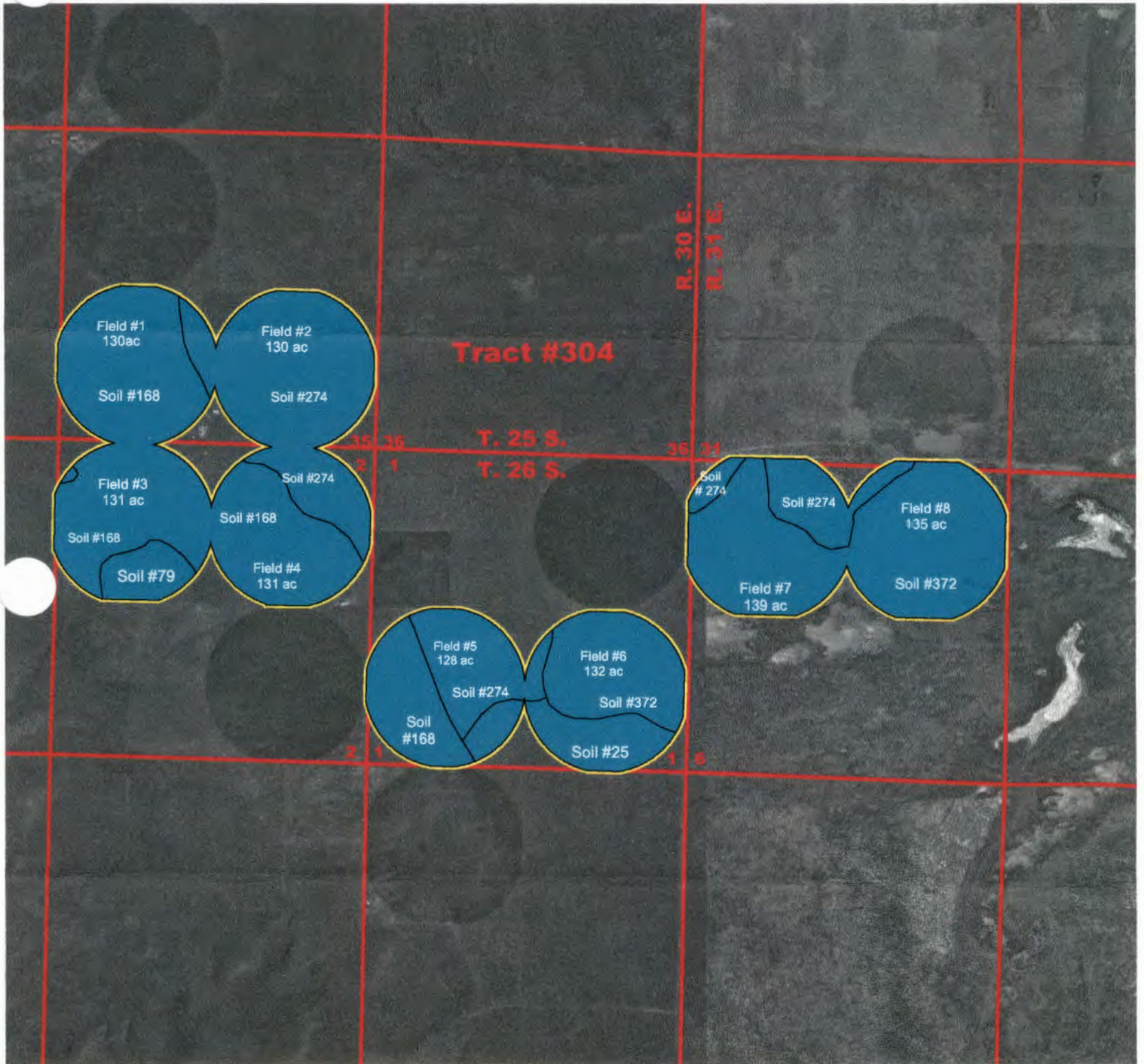
Harney SWCD

07/26/2004




Hines, Oregon

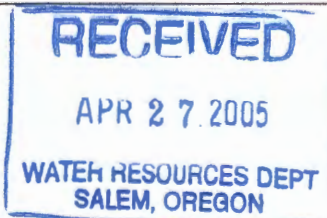
USDA-NRCS

Don Slone



Legend

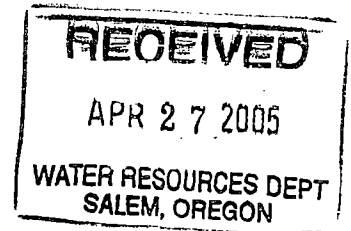
-  Circles w/Soils
-  Planned Land Units
-  Township - Range - Section



**ESTES
SURVEYS,LLC**SURVEYS
CONSULTING**LAND & WATER RIGHTS**

Bruce A. Estes, PLS, CWRE

April 23, 2005

60382 Arnold Mkt. Rd.
Bend, OR 97702
(541) 382-7391
FAX 382-7391PO Box 17519
Salem, OR 97305-7519
(503) 585-7593
FAX 585-7593Steve Brown, Water Right Specialist
Water Resources Department
725 Summer St. NE, Suite A
Salem, OR 97301-1266

Dear Steve:

Re: G-9764

A number of years ago Ken Kent surveyed the Glenn Chowning permit G-8979. He was there during the time the land was in CRP and was evidently not aware the pivots all ran end guns which made them more than 1320' in the corners. The pivots were installed with the end guns and have always been operated in the corners. The current owner, Herb Vloedman, had me come out to review the land for a transfer. I discussed this survey with you last month. Enclosed is a claim map with the correct corner configuration. Also enclosed is an aerial map from the Harney County Soil and Water Conservation District which agrees with the claim map almost exactly.

I reviewed the figures in the final proof survey. All the wells are capable of pumping more water than the authorization for the acreage. My preference here would be to issue the certificate for the total Q from all wells. Wells 1, 2 and 3 are specific to pivots 1, 2 and 3 so they are easy to identify the Q for their pivots. Wells 4 and 5 are tied to pivot 4. Wells 6, 7, 8 and 9 supply the remaining pivots and are very difficult to sort out the Q for each well. Well 6 is capable of supplying all the way to pivot 8 and needs to be designated to pivot 7. Pivot 7 is to be transferred to the NW 1/4 of section 1 with well 6 to supply it. It has been many years since the fps so I assume this will be placed at the top of the stack.

Enclosed is an annotated copy of the proposed certificate that Kent made out for this permit. I would be glad to discuss any issues you have with this. I will be at (785) 378-3710 until about May 15. Thanks for the opportunity to present this map.

Sincerely,

A handwritten signature in cursive script, appearing to read "Bruce".

Bruce A. Estes, PLS, CWRE

enclosure

cc Herb Vloedman

PS. We will get the permit assigned to Herb. I will provide a mylar copy of the map when I get back to Oregon.

Co. of Harry

PROPOSED CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO
GLENN CHOWNING AND ASSOC.
PO BOX 862
Hermiston, Oregon 97838

RECEIVED
APR 27 2005
WATER RESOURCES DEPT
SALEM, OREGON

A 10/14/81
B 10/1/82
C 10/1/83

6.53 cfs Wells 1, 2, 3, 4 & 5
6.68 cfs wells 6, 7, 8 & 9

confirms the right to use the waters of 9 wells in the MALHEUR LAKE BASIN for IRRIGATION OF ~~1004.4~~ ACRES.

This right was perfected under Permit G-8979. The date of priority is JUNE 4, 1980. This right is limited to ~~12.56~~ CUBIC FEET PER SECOND; BEING ~~1.57~~ CFS FROM WELLS NOS. 1, 2 AND 3; ~~0.67~~ CFS FROM WELL NO. 4; ~~0.90~~ CFS FROM WELL NO. 5; ~~4.04~~ CFS FROM WELL NO. 6; ~~1.02~~ CFS FROM WELL NO. 7; AND ~~0.64~~ CFS FROM WELLS NO. 8 AND 9, or its equivalent in case of rotation, measured at the wells.

The wells are located as follows:

NW 1/4 SE 1/4, SECTION 35, T 25 S, R 30 E, W.M., WELL ~~2~~ - 1330 FEET NORTH AND ~~1330~~ FEET WEST; SW 1/4 SW 1/4, SECTION 35, T 25 S, R 30 E, W.M., WELL ~~2~~ - 1310 FEET NORTH AND ~~3970~~ FEET WEST; SW 1/4 NW 1/4, SECTION 35, T 25 S, R 30 E, W.M., WELL 3 - 1330 FEET SOUTH AND ~~3970~~ FEET WEST; NW 1/4 SE 1/4, SECTION 2, T 26 S, R 30 E, W.M., WELL 4 - 1310 FEET SOUTH AND ~~1330~~ FEET WEST; SW 1/4 NE 1/4, SECTION 2, T 26 S, R 30 E, W.M., WELL 5 - ~~1330~~ FEET SOUTH AND ~~1330~~ FEET WEST, WELLS 1, 2, 3, 4 AND 5 BEING FROM THE ~~NE~~ CORNER SECTION 2; NW 1/4 SW 1/4, SECTION 1, T 26 S, R 30 E, W.M.; WELL 6 - 260 FEET SOUTH AND 40 FEET EAST; WELL 7 - 1310 FEET SOUTH AND 1310 FEET EAST; SE 1/4 SE 1/4, SECTION 1, WELL 8 - 1330 FEET SOUTH AND ~~3970~~ FEET EAST, WELLS ~~6, 7 AND 8~~ BEING FROM THE ~~W~~ 1/4 CORNER SECTION 1; SE 1/4 NE 1/4, SECTION 6, T 26 S, R 31 E, W.M.; WELL 9 - 1330 FEET SOUTH AND 1310 FEET WEST FROM THE NORTHEAST CORNER SECTION 6.

The amount of water used for irrigation together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 3.0 acre-feet for each acre irrigated during the irrigation season of each year.

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

A description of the place of use to which this right is appurtenant is as follows:

- NE 1/4 SE 1/4 ^{32^e} 31.5 ACRES
- NW 1/4 SW 1/4 ^{32^e} 31.4 ACRES
- SW 1/4 SW 1/4 ^{32^e} 31.4 ACRES
- SE 1/4 SW 1/4 ^{32^e} 31.4 ACRES
- NE 1/4 SE 1/4 ^{32^e} 31.4 ACRES
- NW 1/4 SE 1/4 ^{32^e} 31.4 ACRES
- SW 1/4 SE 1/4 ^{32^e} 31.4 ACRES
- SE 1/4 SE 1/4 ^{32^e} 31.4 ACRES

SECTION 35
TOWNSHIP 25 SOUTH, RANGE 30 EAST, W.M.

- NE 1/4 SW 1/4 ^{32^e} 31.4 ACRES
- NW 1/4 SW 1/4 ^{32^e} 31.5 ACRES
- SW 1/4 SW 1/4 ^{32^e} 31.5 ACRES
- SE 1/4 SW 1/4 ^{32^e} 31.4 ACRES
- NE 1/4 SE 1/4 ^{33^e} 31.4 ACRES

DRAFT

T 26 S R 30 E

DRAFT

NW 1/4 SE 1/4 33^e ~~31.5~~ ACRES
SW 1/4 SE 1/4 33^e ~~31.4~~ ACRES
SE 1/4 SE 1/4 33^e ~~31.4~~ ACRES

SECTION 1

TOWNSHIP 26 SOUTH, RANGE 30 EAST, W.M.

NE 1/4 NE 1/4 32⁷ ~~31.4~~ ACRES
NW 1/4 NE 1/4 32⁷ ~~31.4~~ ACRES
SW 1/4 NE 1/4 32⁷ ~~31.4~~ ACRES
SE 1/4 NE 1/4 32⁷ ~~31.4~~ ACRES
NE 1/4 NW 1/4 32⁷ ~~31.4~~ ACRES
NW 1/4 NW 1/4 32⁷ ~~31.4~~ ACRES
SW 1/4 NW 1/4 32⁷ ~~31.4~~ ACRES
SE 1/4 NW 1/4 32⁷ ~~31.4~~ ACRES

SECTION 2

TOWNSHIP 26 SOUTH, RANGE 30 EAST, W.M.

NE 1/4 NE 1/4 33⁷ ~~31.3~~ ACRES
NW 1/4 NE 1/4 33⁸ ~~31.3~~ ACRES
SW 1/4 NE 1/4 33⁸ ~~31.3~~ ACRES
SE 1/4 NE 1/4 33⁸ ~~31.3~~ ACRES
NE 1/4 NW 1/4 34⁸ ~~31.3~~ ACRES
NW 1/4 NW 1/4 34⁷ ~~31.3~~ ACRES
SW 1/4 NW 1/4 34⁷ ~~31.3~~ ACRES
SE 1/4 NW 1/4 34⁸ ~~31.3~~ ACRES

SECTION 6

TOWNSHIP 26 SOUTH, RANGE 31 EAST, W.M.

The wells shall be maintained in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon.

The right to use water for the above purpose is restricted to beneficial use on the lands or place of use described.

RECEIVED
APR 27 2005
WATER RESOURCES DEPT
SALEM, OREGON

STATE OF OREGON

COUNTY OF HARNEY

DRAFT

PROPOSED CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

GLENN CHOWNING AND ASSOC.
PO BOX 862
Hermiston, Oregon 97838

confirms the right to use the waters of 9 wells in the MALHEUR LAKE BASIN for IRRIGATION OF 1004.4 ACRES.

This right was perfected under Permit G-8979. The date of priority is JUNE 4, 1980. This right is limited to 12.56 CUBIC FEET PER SECOND; BEING 1.57 CFS FROM WELLS NOS. 1, 2 AND 3; 0.67 CFS FROM WELL NO. 4; 0.90 CFS FROM WELL NO. 5; 4.04 CFS FROM WELL NO. 6; 1.02 CFS FROM WELL NO. 7; AND 0.61 CFS FROM WELLS NO. 8 AND 9, or its equivalent in case of rotation, measured at the wells.

The wells are located as follows:

NW 1/4 SE 1/4, SECTION 35, T 25 S, R 30 E, W.M., WELL 1 - 1330 FEET NORTH AND 1330 FEET WEST; SW 1/4 SW 1/4, SECTION 35, T 25 S, R 30 E, W.M., WELL 2 - 1310 FEET NORTH AND 3970 FEET WEST; SW 1/4 NW 1/4, SECTION 35, T 25 S, R 30 E, W.M., WELL 3 - 1330 FEET SOUTH AND 3970 FEET WEST; NW 1/4 SE 1/4, SECTION 2, T 26 S, R 30 E, W.M., WELL 4 - 1310 FEET SOUTH AND 1330 FEET WEST; SW 1/4 NE 1/4, SECTION 2, T 26 S, R 30 E, W.M., WELL 5 - 1330 FEET SOUTH AND 1330 FEET WEST, WELLS 1, 2, 3, 4 AND 5 BEING FROM THE NW CORNER SECTION 2; NW 1/4 SW 1/4, SECTION 1, T 26 S, R 30 E, W.M.; WELL 6 - 260 FEET SOUTH AND 40 FEET EAST; WELL 7 - 1310 FEET SOUTH AND 1310 FEET EAST; SE 1/4 SE 1/4, SECTION 1, WELL 8 - 1330 FEET SOUTH AND 3970 FEET EAST, WELLS 6, 7 AND 8 BEING FROM THE W 1/4 CORNER SECTION 1; SE 1/4 NE 1/4, SECTION 6, T 26 S, R 31 E, W.M.; WELL 9 - 1330 FEET SOUTH AND 1310 FEET WEST FROM THE NORTHEAST CORNER SECTION 6.

The amount of water used for irrigation together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 3.0 acre-feet for each acre irrigated during the irrigation season of each year.

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

A description of the place of use to which this right is appurtenant is as follows:

NE 1/4 SE 1/4	31.5 ACRES
NW 1/4 SW 1/4	31.4 ACRES
SW 1/4 SW 1/4	31.4 ACRES
SE 1/4 SW 1/4	31.4 ACRES
NE 1/4 SE 1/4	31.4 ACRES
NW 1/4 SE 1/4	31.4 ACRES
SW 1/4 SE 1/4	31.4 ACRES
SE 1/4 SE 1/4	31.4 ACRES

SECTION 35

TOWNSHIP 25 SOUTH, RANGE 30 EAST, W.M.

NE 1/4 SW 1/4	31.4 ACRES
NW 1/4 SW 1/4	31.5 ACRES
SW 1/4 SW 1/4	31.5 ACRES
SE 1/4 SW 1/4	31.4 ACRES
NE 1/4 SE 1/4	31.4 ACRES

TOWNSHIP 26 SOUTH, RANGE 30 EAST, W.M.

DRAFT

SEE NEXT PAGE

DRAFT

NW 1/4 SE 1/4	31.5 ACRES
SW 1/4 SE 1/4	31.4 ACRES
SE 1/4 SE 1/4	31.4 ACRES

SECTION 1

TOWNSHIP 26 SOUTH, RANGE 30 EAST, W.M.

NE 1/4 NE 1/4	31.4 ACRES
NW 1/4 NE 1/4	31.4 ACRES
SW 1/4 NE 1/4	31.4 ACRES
SE 1/4 NE 1/4	31.4 ACRES
NE 1/4 NW 1/4	31.4 ACRES
NW 1/4 NW 1/4	31.4 ACRES
SW 1/4 NW 1/4	31.4 ACRES
SE 1/4 NW 1/4	31.4 ACRES

SECTION 2

TOWNSHIP 26 SOUTH, RANGE 30 EAST, W.M.

NE 1/4 NE 1/4	31.3 ACRES
NW 1/4 NE 1/4	31.3 ACRES
SW 1/4 NE 1/4	31.3 ACRES
SE 1/4 NE 1/4	31.3 ACRES
NE 1/4 NW 1/4	31.3 ACRES
NW 1/4 NW 1/4	31.3 ACRES
SW 1/4 NW 1/4	31.3 ACRES
SE 1/4 NW 1/4	31.3 ACRES

SECTION 6

TOWNSHIP 26 SOUTH, RANGE 31 EAST, W.M.

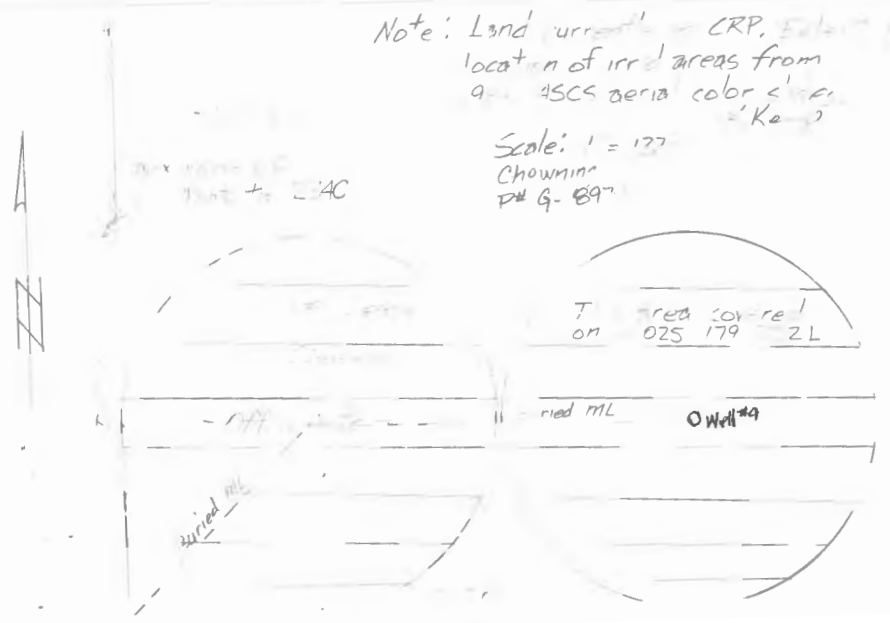
The wells shall be maintained in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon.

The right to use water for the above purpose is restricted to beneficial use on the lands or place of use described.

DRAFT

Note: Land currently in CRP. Future location of irrigated areas from 9-14 SCS aerial color photo. 'Ka-2'

Scale: 1" = 177'
 Chowminn
 P# G-897



Application No. G-9764

Permit No. G 8979

STATE OF OREGON WATER RESOURCES DEPARTMENT

Application for a Permit to Appropriate Ground Water

RECEIVED JUN 4 1980 WATER RESOURCES DEPT SALEM, OREGON

I, Glenn Chowning & Assoc (Name of Applicant)

256 E. HURLBURT #101

of ~~Rt 1 Box 109~~ Box 115 (Mailing Address)

Hermiston 3885 Holly (City) 1010 office

State of Oregon 97838 Phone No. 567-3885-1113 do hereby

make application for a permit to appropriate the following described ground waters of the State of Oregon:

1. The development will consist of 9 wells (Give number of wells, tile lines, infiltration galleries, etc.)

having a diameter of 16" and an estimated depth of 400 feet.

2. The well or other source is to be located ft. and ft. (N. or S.) (E. or W.)

from the corner of (Public Land Survey Corner)

SEE REMARKS

(If there is more than one well, each must be described)

being within the 1/4 of the 1/4 of

SEE ATTACHED SHEET

Sec. Tp. R. W. M., in the county of Harney

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

Table with 5 columns: Township, Range, Section, List 1/4 1/4 of Section, List use and/or number of acres to be irrigated. Includes handwritten '265', '30E', and 'SEE ATTACHED SHEET'. A 'RECEIVED JUN - 1 1993 WATER RESOURCES DEPT. SALEM, OREGON' stamp is also present.

4. It is estimated that 40 feet of the well will require steel casing. (Kind)

5. Depth to water table is estimated 30 Well drilled by (Feet)

41025-179-234C -252L 10-30-90 KKK

WOLF

No

234 C

Permit to Appropriate the Public Waters of the State of Oregon

This is to certify that I have examined the foregoing application and do hereby grant the same, SUBJECT TO EXISTING RIGHTS INCLUDING THE EXISTING MINIMUM FLOW POLICIES ESTABLISHED BY THE WATER POLICY REVIEW BOARD and the following limitations and conditions:

The right herein granted is limited to the amount of water which can be applied to beneficial use and shall not exceed ^{13.6} ~~12.56~~ cubic feet per second measured at the point of diversion from the

well or source of appropriation, or its equivalent in case of rotation with ^{6.67} other water users, from ⁹ wells: being ^{1.57} ~~1.70~~ cfs from each well - wells Nos. 1, 2, and 3; ~~0.75~~ cfs from well No. 4; ~~0.97~~ cfs from No. 5; ^{4.04} ~~4.38~~ cfs from No. 6; ^{1.02} ~~1.10~~ cfs from No. 7; ~~0.66~~ cfs from Nos. 8 and 9. ⁶¹

The use to which this water is to be applied is irrigation

If for irrigation, this appropriation shall be limited to ^{1/80th} of one cubic foot per second 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 be subject to such reasonable rotation system as may be ordered by the proper state officer. The well shall be constructed in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon.

The works constructed shall include an air line and pressure gauge or an access port for measuring line, adequate to determine water level elevation in the well at all times.


The permittee shall install and maintain a weir, meter, or other suitable measuring device, and shall keep a complete record of the amount of ground water withdrawn.

The priority date of this permit is June 4, 1980

Actual construction work shall begin on or before October 14, 1981 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1982

Complete application of the water to the proposed use shall be made on or before October 1, 1983

WITNESS my hand this 14th day of October, 1980

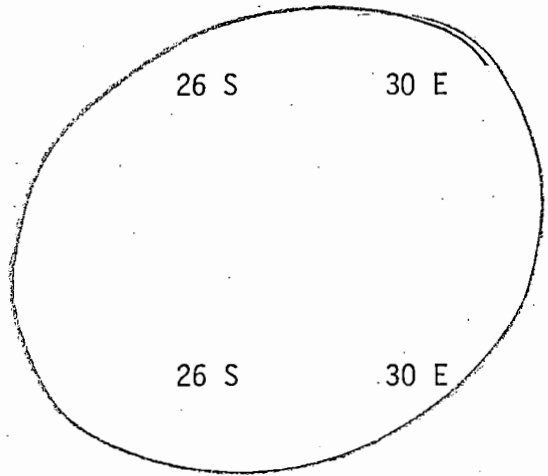

DEPUTY Water Resources Director

only C

ATTACHMENT TO APPLICATION OF GLEN CHOWNING

Item #3 - Location and extent of irrigation:

Township	Range	Section	1/4 Section	Acres	Source
25 S	30 E	35	NE SW	31.5 34.0	Well #2
			NW SW	31.4 34.0	
			SW SW	31.4 34.0	
			SE SW	31.4 34.0	
			NE SE	31.4 34.0	Well #1
			NW SE	31.4 34.0	
			SW SE	31.4 34.0	
			SE SE	31.4 34.0	
26 S	30 E	1	NE SW	31.4 34.0	Wells #6,7,8,9
			NW SW	31.5 34.0	
			SW SW	31.5 34.0	
			SE SW	31.4 34.0	
			NE SE	31.4 34.0	
			NW SE	31.5 34.0	
			SW SE	31.4 34.0	
			SE SE	31.4 34.0	
26 S	30 E	2	NE NE	31.4 34.0	Wells #4,5
			NW NE	31.4 34.0	
			SW NE	31.4 34.0	
			SE NE	31.4 34.0	
			NE NW	31.4 34.0	Well #3
			NW NW	31.4 34.0	
			SW NW	31.4 34.0	
			SE NW	31.4 34.0	
26 S	31 E	6	NE NE	31.3 34.0	Wells #6,7,8,9
			NW NE	31.3 34.0	
			SW NE	31.3 34.0	
			SE NE	31.3 34.0	
			NE NW	31.3 34.0	
			NW NW	31.3 34.0	
			SW NW	31.3 34.0	
			SE NW	31.3 34.0	
				TOTAL	1088.0



$20 \times 31.4 = 628$
 $4 \times 31.5 = 126$
 $84 \times 31.3 = 250.4$
1004.4 ACRES

Application No. G 9764
 Permit No. G 8979

RECEIVED
 JUN 4 1980
 WATER RESOURCES DEPT
 SALEM, OREGON

ATTACHMENT TO APPLICATION OF GLEN CHOWNING

Item #2 - Wells located:

#1 NW $\frac{1}{4}$ SE $\frac{1}{4}$, Section 35; #2 SW $\frac{1}{4}$ SW $\frac{1}{4}$, Section 35, T. 25 S., R. 30 E.;
#3 SW $\frac{1}{4}$ NW $\frac{1}{4}$, Section 2; #4 NW $\frac{1}{4}$ NE $\frac{1}{4}$, Section 2; #5 SW $\frac{1}{4}$ NE $\frac{1}{4}$, Section
2, T. 26 S., R. 30 E.; #6 NW $\frac{1}{4}$ SW $\frac{1}{4}$, Section 1; #7 NW $\frac{1}{4}$ SW $\frac{1}{4}$, Section 1;
#8 SE $\frac{1}{4}$ SE $\frac{1}{4}$, Section 1, T. 26 S., R. 30 E.; #9 SE $\frac{1}{4}$ NE $\frac{1}{4}$, Section 6,
T. 26 S., R. 31 E.

Item #6 - 13.6 cfs being 1.7 cfs from each of wells 1, 2, and 3; 0.73 cfs
from well #4; and 0.97 cfs from well #5; 4.38 cfs from well #6;
1.1 cfs from well #7; 0.66 cfs from well #8; and 0.66 cfs from
well #9.

RECEIVED
JUN 4 1980
WATER RESOURCES DEPT
SALEM, OREGON

Application No. G 9764
Permit No. G 8979

Info: Glenn Chouning & Assoc
 PO Box 862
 Hermiston, OR 97838
 home 567-3885
 office 567-1010

Per Obs assisted by Bill Beal w/m. Talked to Mr C by phone who stated all lands last irrid in '88 & in CRP since - crop is hay. All lands irrid by CP's. Loc'd wells in field - areas & loc. of irrid lands determined w/ '84 & '87 ASCS aerial color slides. ML as indicated on app maps per Mr C. Wells, pumps & motors as follows:
 (Well #10 not developed.)

Well #1
 D: 175'
 C: 16" w/AP
 SWL: 26'
 Test: 2000 gpm w/ 24h of 36' dd
 Pump: ? 8" x 8"
 Motor: Westinghouse 60hp @ 1760 rpm
 completed 1/80 turb

Well #2
 D: 175'
 C: 16" w/AP
 SWL: 22'
 Test: 2050 gpm w/ 11' dd of 24h
 Pump: Valley 8" x 8"
 Motor: Westinghouse 60hp @ 1760 rpm
 completed 1/80 turb

Well #3
 D: 170'
 C: 16" w/AP
 SWL: 40'
 Test: 1934 gpm w/ 19' dd of 2
 Pump: Valley 8" x 8"
 Motor: Westinghouse 60hp
 completed 1/80 turb

Well #4
 D: 175'
 C: 16" w/AP
 SWL: 34'
 Test: 470 gpm w/ 38' dd of 24h
 Pump: Valley 8" x 8"
 Motor: Westinghouse 30hp @ 1765 rpm
 turb

Well #5
 D: 175'
 C: 16" w/AP
 SWL: 34'
 Test: 470 gpm w/ 38' dd of 24h
 Pump: ? 8" x 8"
 Motor: Westinghouse 40hp @ 1770 rpm
 turb

Well #8 - 2000 gpm per Mr C
 D: 265'
 C: 16" w/AP
 SWL: 14'
 Test: 370 gpm w/ 60' dd of 24h
 Pump: Well Line 8" x 8"
 Motor: Westinghouse 75hp @ 1776 rpm
 turb

Well #7
 D: 265'
 C: 16" w/AP
 SWL: 14'
 Test: 370 gpm w/ 60' dd of 24h
 Pump: ? 8" x 8"
 Motor: US 75hp @ 1765 rpm
 turb

Well #6
 D: 168'
 C: 16" w/AP
 SWL: 33'
 Test: 2100 gpm w/ 47' dd of 24h
 Pump: Valley 12" x 12"
 Motor: Westinghouse 200hp @ 1775 rpm
 turb

Well #9
 D: } no well log
 C: }
 SWL: } w/AP
 Test: }
 Pump: }
 Motor: Westinghouse 30hp @
 turb

Equip: 8-1/4 mi CP's
 Ser: 41025-179-234C
 -232L

Pipe: 12" stl ML Well #6 → CP #5 → CP #6
 10" stl ML Well #8 → CP #7 → CP #8
 w/tracing fr ASCS color slide on paper
 for CP in NW 1/4 S.6, tied to 234C

10-30-90
 R King & 1

Bobate on all wells
 Jan 31

$$34Ac \times 4 = \frac{136Ac}{80} = 1.7cfs$$

$$31.4 \times 4 = \frac{125.6}{80} = 1.57cfs$$

$$\begin{array}{r} .73 \\ .97 \\ \hline 1.7 \end{array}$$

$$\begin{array}{r} .73 \text{ --- } (.67) \\ 1.7 \text{ --- } 1.57 \end{array}$$

$$\begin{array}{r} .97 \text{ --- } .90cfs \\ 1.7 \text{ --- } 1.57 \end{array}$$

A# G 9764

P# G-8979

Chowning & Assoc.

Well #1 $\frac{(7.04)(60)}{26 + 127.8} = \frac{422.4}{153} = 2.76 \text{ cfs}$ $\frac{125.6}{80} = 1.57 \text{ cfs}$

at 50 PSI

CP = $\frac{1000 \text{ GPM}}{450} = 2.23 \text{ cfs}$

Well #1
~~Q Allowed~~ 1.57 cfs

well #2 $\frac{7.04 \times 60}{22 + 127} = \frac{422.4}{149} = 2.83 \text{ cfs}$ $\frac{125.7}{80} = 1.57 \text{ cfs}$

~~Q Allowed~~ 1.57 cfs

well #3 = $\frac{7.04 \times 60}{40 + 127} = \frac{422.4}{167} = 2.53 \text{ cfs}$ $\frac{125.6}{80} = 1.57 \text{ cfs}$

Q Allowed

well #4 $\frac{7.04 \times 30}{34 + 127} = \frac{211.2}{161} = 1.31 \text{ cfs}$ $\frac{62.8}{80} = .785 \text{ cfs}$

well #5 $\frac{40 \times 7.04}{34 + 127} = \frac{281.6}{161} = 1.75 \text{ cfs}$ $\frac{62.8}{80} = .785 \text{ cfs}$

#6 $\frac{200 \text{ HP} \times 7.04}{33 + 127} = \frac{1408}{160} = 8.8 \text{ cfs}$

Wells #

$$4 = \frac{.73}{1.7} - \frac{.67}{1.57} \text{ Allowed}$$

$$\# 5 \quad \frac{.97}{1.7} - \frac{.90}{1.57} \text{ Allowed}$$

Well #

$$6 \quad \frac{4.38}{6.8} - \frac{4.04}{6.275} \text{ Allowed}$$

$$\frac{4.04}{1.02} - \frac{.61}{.61} = \underline{.6.28 \text{ cfs}}$$

$$7 \quad \frac{1.10}{6.8} - \frac{1.02}{6.275} \text{ Allowed}$$

$$8 \quad \frac{.66}{6.8} - \frac{.61}{6.275} \text{ Allowed}$$

$$\frac{12.56}{\text{total Q}} \text{ Allowed}$$

$$9 \quad \frac{.66}{6.8 \text{ cfs}} - \frac{.61}{6.275} \text{ Allowed}$$

$$\text{Ac Applied for} = 34 \times 8 = 272 \text{ ac}$$

$$\frac{272}{544 \text{ ac}} = 6.8 \text{ cfs}$$

$$\text{Actual un acres} = \frac{125.8}{125.8} - \frac{125.2}{125.2} = \frac{502 \text{ ac}}{2504} = 6.275 \text{ cfs}$$

$$\#7 \quad \frac{75 \text{ HP} \times 7.04}{14 + 127} = \frac{528}{141} = 3.74 \text{ cfs}$$

$$\#8 \quad \frac{75 \times 7.04}{14 + 127} = \frac{528}{141} = 3.74 \text{ cfs}$$

$$\#9 \quad \frac{30 \text{ HP} \times 7.04}{25 + 127} = \frac{211.2}{152} = 1.39 \text{ cfs}$$

(25 SWI - estimated)
no well log.

Well	Acres	Q _{acres}	Q _{CP} @ 1000 GPM	Q _{SP} @ 800
Well 6, 7, 8, 9 - duplicate H ₂ O to				
125.8 AC	SW 1/4 Sec 1	1.57 cfs	2.23 cfs	1.70
125.7 AC	SE 1/4 sec 1	1.57 cfs	2.23 cfs	1.70
125.2 AC	NW 1/4 Sec 6	1.57 cfs	2.23 cfs	1.78
125.2 AC	NE 1/4 Sec 6	1.57 cfs	2.23 cfs	1.78
376.7 AC	Q _{acres}	= 4.71 cfs		

Acres

Sec 3.5

SW¹/₄ - 125.7 AC

SE¹/₄ - 125.6 AC

Sec 2

NW¹/₄ - 125.6 AC

NE¹/₄ - 125.6 AC

Sec 1 = 251.5

Sec 6 = $\frac{250.4}{1004.4}$ - total ACRES

DAKES $\frac{1004.4}{80}$ 12.56 cfs = 12.6 cfs
Allowed

T. 25 & 26 S., R. 30 & 31 E., W.M.



WELLS LOCATED:- #1 1330' N. & 1330' W., #2 1310' N. & 3970' W., #3 1330' S. & 3970' W., #4 1310' S. & 1330' W.
 #5 1330' S. & 1330' W. all from the NE corner Sec. 2., #6 260' S. & 40' E., #7 1310' S. & 1310' E.
 #8 1330' S. & 3970' E. all from the W/4 corner Sec. 1, #9 1330' S. & 1310' W. #10 20' S. & 2630' S.
 both from the NE. corner, Section 6

Application No. G 9764
 Permit No. G 8979

WATER RESOURCES DIVISION
 U.S. GEOLOGICAL SURVEY

Info: Glenn Chocomaing & Assoc
 PO Box 862
 Hermiston, OR 97838
 home 567-3885
 office 567-1010

Per Obs assisted by Bill Beal Wm. Talked to Mr C
 by phone who stated all lands last irrid in '88 & in CRP since -
 crop is hay. All lands irrid by CP's. Loc'd wells in field - areas & loc.
 of irrid lands determined w/ '84 & '87 ASCS aerial color slides. ML as
 indicated on map maps per Mr C. Wells, pumps & motors as follows:
 (well #10 not developed.)

Well #1

D: 175'
 C: 16" w/AP
 SWL: 26'
 Test: 2000 gpm w/ 11' dd st 24h w/ 36' dd
 Pump: ? 8" x 8"
 Motor: Westinghouse 60hp @ 1760 rpm
 turb

Well #2

D: 175'
 C: 16" w/AP
 SWL: 22'
 Test: 2050 gpm w/ 11' dd st 24h
 Pump: Valley 8" x 8"
 Motor: Westinghouse 60hp @ 1760 rpm
 turb

Well #3

D: 170'
 C: 16" w/AP
 SWL: 40'
 Test: 1934 gpm w/ 19' dd st 24h
 Pump: Valley 8" x 8"
 Motor: Westinghouse 60hp @ 1760 rpm
 turb

Well #4

D: }
 C: } no well log
 SWL: } no AP
 Test: }
 Pump: Valley 8" x 8"
 Motor: Westinghouse 30hp @ 1765 rpm
 turb

Well #5

D: 175'
 C: 16" w/AP
 SWL: 34'
 Test: 470 gpm w/ 38' dd st 24h
 Pump: ? 8" x 8"
 Motor: Westinghouse 40hp @ 1770 rpm
 turb

Well #8 - 2000 gpm per Mr C

D: 265'
 C: 16" w/AP
 SWL: 14'
 Test: 370 gpm w/ 60' dd st 24h
 Pump: Well Line 8" x 8"
 Motor: Westinghouse 75hp @ 1776 rpm
 turb

Well #7

D: 168'
 C: 16" w/AP
 SWL: 14'
 Test: 370 gpm w/ 60' dd st 24h
 Pump: ? 8" x 8"
 Motor: US 75hp @ 1765 rpm
 turb

Well #6

D: 168'
 C: 16" w/AP
 SWL: 33'
 Test: 2100 gpm w/ 47' dd st 24h
 Pump: Valley 12" x 12"
 Motor: Westinghouse 200hp @ 1775 rpm
 turb

Well #9

D: }
 C: } no well log
 SWL: }
 Test: } w/AP
 Pump:
 Motor: Westinghouse 30hp @ 1765 rpm
 turb

Equip: 8-1/4 mi CP's
 Ser: 41025-179-234C
 -232L

Pipe: 12" stl ML Well #6 → CP#5 → CP#6
 10" stl ML Well #8 → CP#7 → CP#8
 w/tracing fr ASCS color slide on paper
 for CP in NW 1/4 S. 6, tied to 234C

10-30-90
 R. Rung #1

Belate on all wells
 Jason J. Junt

41025-179

234C

T265

30



265
+
All chlorine
P.S. 20/7

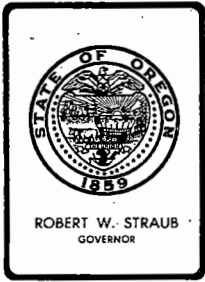


2

F

+

L



Water Resources Department

MILL CREEK OFFICE PARK

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

PHONE 378-8508

May 7, 1982

Glenn Chowning and Associates
256 East Hurlburt #101
Hermiston, OR 97131

File No. G-9764

This will acknowledge receipt of your notice to the effect that complete application of water has been made under permit number G-8979

Pursuant to your report and in line with the general practice of this office, a survey will be made at a later date.

After this survey, proof may be made and certificate issued covering the actual use of water as found by the engineer. In case of irrigation, any lands described in the permit that have not been irrigated will be automatically eliminated from the water right.

In the meantime, the permit which you hold will be valid evidence of the water right in question so long as you continue to use the water.

Sincerely,

Bruce A. Estes, Supervisor
Survey-Certificate Section
Water Rights Division



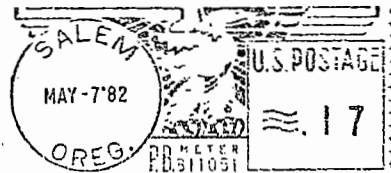
Water Resources Department

MILL CREEK OFFICE PARK
555 13th STREET N.E.
SALEM, OREGON 97310

CONSERVE WATER
FOR
OREGONS FUTURE



PRESORTED
FIRST CLASS



*Mailed #128 to new
address on C. [unclear]*

*POSTAGE WILL BE PAID BY ADDRESSEE
NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES
PERMIT NO. 1001
SALEM, OREGON*

NOT HERE

RECEIVED

MAY 14 1982

WATER RESOURCES DEPT
SALEM, OREGON

G-T 164

Your mail was delayed due to
incorrect zip code.

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report
are to be filed with the

WATER WELL REPORT

WATER RESOURCES DEPARTMENT,
SALEM, OREGON 97310
within 30 days from the date
of well completion.

STATE OF OREGON
(Please type or print)
(Do not write above this line)

State Well No. 25500E-001
State Permit No. _____

*1098
Horn*

(1) OWNER:

Name CHOWNING & ASSOCIATES
Address RT. 1 BOX 1109
HERMISTON, OREGON 97838

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Driven
 Jetted
 Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

(5) CASING INSTALLED:

Threaded Welded
16" Diam. from 0 ft. to 168 ft. Gage .312
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

(6) PERFORATIONS:

Perforated? Yes No.
Type of perforator used factory louvered
Size of perforations 1/8 in. by 3 in.
4032 perforations from 72 ft. to 168 ft.
perforations from _____ ft. to _____ ft.
perforations from _____ ft. to _____ ft.

(7) SCREENS:

Well screen installed? Yes No
Manufacturer's Name _____
Type _____ Model No. _____
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level
a pump test made? Yes No If yes, by whom? W.W.W.
Yield: 2000 gal./min. with 36 ft. drawdown after 24 hrs.
" " " " " "
" " " " " "
Packer test gal./min. with _____ ft. drawdown after _____ hrs.
Artesian flow g.p.m. _____
Temperature of water 58 Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Well seal—Material used CEMENT GROUT
Well sealed from land surface to 18 ft.
Diameter of well bore to bottom of seal 30 in.
Diameter of well bore below seal 30 in.
Number of sacks of cement used in well seal 60 sacks
How was cement grout placed? GROUT PUMP

Was a drive shoe used? Yes No Plugs _____ Size: location _____ ft.
Did any strata contain unusable water? Yes No
Type of water? GOOD depth of strata _____
Method of sealing strata off _____
Was well gravel packed? Yes No Size of gravel: 5.8-
Gravel placed from 18 ft. to 175 ft.

(10) LOCATION OF WELL:

County HARNEY Driller's well number #1
NW 1/4 SE 1/4 Section 35 T.25S R.30E W.M.

Bearing and distance from section or subdivision corner
XXX 50' WEST & 6' NORTH OF THE
SE CORNER OF THE NW 1/4 OF THE SE 1/4 OF SEC 35

(11) WATER LEVEL: Completed well.

Depth at which water was first found 26 ft.
Static level 26 ft. below land surface. Date 1/14/80
Artesian pressure NONE lbs. per square inch. Date 1/14/80

(12) WELL LOG:

Diameter of well below casing 16"
Depth drilled 175 ft. Depth of completed well 168 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
sandy top soil	0	8	
cinders & gravel	8	14	
tan clay	14	26	
multi colored cinders	26	50	
dark cinders	50	70	
gray soft clay	70	115	
" "	115	120	
gray sandstone	120	125	
black course cinders	125	165	
dark cinders & clay	165	175	

RECEIVED

JAN 22 1980

WATER RESOURCES DEPT
SALEM, OREGON

Work started 1/9 1980 Completed 1/14 1980
Date well drilling machine moved off of well 1/14 1980

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
[Signed] [Signature] Date 1/15, 1980
(Drilling Machine Operator)
Drilling Machine Operator's License No. 1035

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Name WESTERN WATER WELLS INC.
(Person, firm or corporation) (Type or print)
Address P.O. BOX 294 BURNS, OREGON 97720
[Signed] [Signature]
(Water Well Contractor)
Contractor's License No. 659 Date 1/15, 1980

NOTICE: The original and first copy of this report are to be filed with the
 WATER RESOURCES DEPARTMENT,
 SALEM, OREGON 97310
 within 30 days from the date
 of well completion.

WATER WELL REPORT
STATE OF OREGON
 (Please type or print)
 (Do not write above this line)

State Well No. 35/30E-35
 State Permit No. _____

(1) OWNER:

Name CHOWNING & ASSOCIATES
 Address RT. 1 BOX 1109
HERMISTON, OREGON 97838

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
 If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Driven
 Jetted
 Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
 Irrigation Test Well Other

(5) CASING INSTALLED:

Threaded Welded
16" Diam. from 0 ft. to 168 ft. Gage .312
 " Diam. from " ft. to " ft. Gage "
 " Diam. from " ft. to " ft. Gage "

(6) PERFORATIONS:

Perforated? Yes No.
 Type of perforator used FACTORY LUVERED
 Size of perforations 1/8 in. by 3 in.
4032 perforations from 72 ft. to 168 ft.
 perforations from " ft. to " ft.
 perforations from " ft. to " ft.

(7) SCREENS:

Well screen installed? Yes No
 Manufacturer's Name _____
 Type _____ Model No. _____
 Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.
 Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level
 a pump test made? Yes No If yes, by whom? W.W.W.
 Yield: 2050 gal./min. with 11 ft. drawdown after 24 hrs.
 " " " " "
 " " " " "
 Barrier test gal./min. with ft. drawdown after hrs.
 Artesian flow g.p.m.
 Temperature of water Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Well seal—Material used CEMENT GROUT
 Well sealed from land surface to 18 ft.
 Diameter of well bore to bottom of seal 30 in.
 Diameter of well bore below seal 30 in.
 Number of sacks of cement used in well seal 57 sacks
 How was cement grout placed? GROUT PUMP

Was a drive shoe used? Yes No Plugs _____ Size: location _____ ft.
 Did any strata contain unusable water? Yes No
 Type of water? GOOD depth of strata _____
 Method of sealing strata off _____
 Was well gravel packed? Yes No Size of gravel: 5/8
 Gravel placed from 18 ft. to 175 ft.

(10) LOCATION OF WELL:

County HARNEY Driller's well number #2
NW 1/4 Section 7 T. 35 R. 30E W.M.
 Bearing and distance from section or subdivision corner
30' west & 15' north of SE corner
of the SE NW 1/4 of SE 1/4 of Sec 35

(11) WATER LEVEL: Completed well,

Depth at which water was first found 35 ft.
 Static level 22 ft. below land surface. Date 1/18/80
 Artesian pressure none lbs. per square inch. Date 1/18/80

(12) WELL LOG:

Diameter of well below casing 3.0"
 Depth drilled 175 ft. Depth of completed well 168 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
sandy loam	0	10	
green clay	10	35	
black cinders	35	50	
green clay	50	53	
gray sandy clay	53	55	
black cinders	55	65	
gray sandy clay	65	78	
cinders & green sand	78	83	
gray & green claystone	83	101	
black cinders & gravel	101	125	
tan clay	125	137	
brown course cinders	137	175	

RECEIVED
JAN 22 1980
WATER RESOURCES DEPT
SALEM, OREGON

Work started 1/15 19 80 Completed 1/17 19 80
 Date well drilling machine moved off of well 1/17 19 80

Drilling Machine Operator's Certification:
 This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
 [Signed] James Blair Date 1/19, 19 80
 (Drilling Machine Operator)
 Drilling Machine Operator's License No. 1035

Water Well Contractor's Certification:
 This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
 Name WESTERN WATER WELLS INC.
 (Person, firm or corporation) (Type or print)
 Address P.O. BOX 294 BURNS, OREGON 9772
 [Signed] James Blair
 (Water Well Contractor)
 Contractor's License No. 659 Date 1/19, 19 80

The original and first copy of this report are to be filed with the

WATER WELL REPORT

WATER RESOURCES DEPARTMENT,
SALEM, OREGON 97310
within 30 days from the date
of well completion.

STATE OF OREGON
(Please type or print)

State Well No. 26s/30E - 2bb

State Permit No. _____

1323
Horn

(Do not write above this line)

(1) OWNER:

Name CHOWNING & ASSOCIATES
Address RT. 1 BOX 1109
HERMISTON, OREGON 97838

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Driven
Cable Jetted
Dug Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

(5) CASING INSTALLED:

16" Diam. from 0 ft. to 168 ft. Threaded Welded Gage .312
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

(6) PERFORATIONS:

Perforated? Yes No.
Type of perforator used factory louvered
Size of perforations 1/8 in. by 3 in.
4032 perforations from 72 ft. to 168 ft.
perforations from _____ ft. to _____ ft.
perforations from _____ ft. to _____ ft.

(7) SCREENS:

Well screen installed? Yes No
Manufacturer's Name _____
Type _____ Model No. _____
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes, by whom? W.W.W.
1934 gal./min. with 19 ft. drawdown after 24 hrs.
" " " " " "
" " " " " "
Bailer test gal./min. with _____ ft. drawdown after _____ hrs.
Artesian flow _____ g.p.m.
Temperature of water 60 Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Well seal—Material used cement grout
Well sealed from land surface to 18 ft.
Diameter of well bore to bottom of seal 30 in.
Diameter of well bore below seal 30 in.
Number of sacks of cement used in well seal 66 sacks
How was cement grout placed? grout pump
Was a drive shoe used? Yes No Plugs _____ Size: location _____ ft.
Did any strata contain unusable water? Yes No
Type of water? good depth of strata _____
Method of sealing strata off _____
Was well gravel packed? Yes No Size of gravel: 5/8
Gravel placed from 18 ft. to 170 ft.

(10) LOCATION OF WELL:

County HARNEY Driller's well number #3
NW 1/4 NW 1/4 Section 2 T.26S R.30E W.M.
Bearing and distance from section or subdivision corner
25° WEST & 1' NORTH OF THE SE CORNER
NW 1/4 OF THE NW 1/4 SEC. 2

(11) WATER LEVEL: Completed well.

Depth at which water was first found 25 ft.
Static level 40 ft. below land surface. Date 1/28/80
Artesian pressure none lbs. per square inch. Date 1/21/80

(12) WELL LOG:

Diameter of well below casing 3.0"
Depth drilled 170 ft. Depth of completed well 168 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
sandy loam	0	6	
sand & cinders	6	13	
tan clay	13	25	
dark cinders	25	51	
black basalt rock	51	58	
black cinders	58	82	
gray claystone	82	122	
black cinders	122	167	
green clay	167	170	

RECEIVED

MAR 21 1980

WATER RESOURCES DEPT
SALEM, OREGON

Work started 1/21 19 80 Completed 1/28 19 80
Date well drilling machine moved off of well 1/25 19 80

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] James Burns Date 1/28, 1980
(Drilling Machine Operator)

Drilling Machine Operator's License No. 1035

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Name WESTERN WATER WELLS, INC.
(Person, firm or corporation) (Type or print)

Address P.O. BOX 294 BURNS, OREGON 97720

[Signed] James Burns
(Water Well Contractor)

Contractor's License No. 659 Date 1/28, 1980

The original and first copy of this report are to be filed with the

WATER WELL REPORT

WATER RESOURCES DEPARTMENT,
SALEM, OREGON 97310
within 30 days from the date
of well completion.

STATE OF OREGON
(Please type or print)

State Well No. 265/30E-2ab

State Permit No. _____

*1322
Harney*

(Do not write above this line)

(1) OWNER:

Name CHOWNING & ASSOCIATES
Address RT. 1 BOX 1109
HERMISTON, OREGON 97838

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Cable Dug
Driven Jetted Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

(5) CASING INSTALLED:

Threaded Welded
16 " Diam. from 0 ft. to 168 ft. Gage .312
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

(6) PERFORATIONS:

Perforated? Yes No.
Type of perforator used factory louvered
Size of perforations 1/8 in. by 3 in.
4032 perforations from 72 ft. to 168 ft.
perforations from _____ ft. to _____ ft.
perforations from _____ ft. to _____ ft.

(7) SCREENS:

Well screen installed? Yes No
Manufacturer's Name _____
Type _____ Model No. _____
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes, by whom? W.W.W.
470 gal./min. with 38 ft. drawdown after 24 hrs.
" " " " " "
" " " " " "
Bailer test _____ gal./min. with _____ ft. drawdown after _____ hrs.
Artesian flow _____ g.p.m.
Temperature of water 58 Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Well seal—Material used cement grout
Well sealed from land surface to 18 ft.
Diameter of well bore to bottom of seal 30 in.
Diameter of well bore below seal 30 in.
Number of sacks of cement used in well seal 66 sacks
How was cement grout placed? grout pump
Was a drive shoe used? Yes No Plugs _____ Size: location _____ ft.
Did any strata contain unusable water? Yes No
Type of water? good depth of strata _____
Method of sealing strata off _____
Was well gravel packed? Yes No Size of gravel: 5/8
Gravel placed from 18 ft. to 175 ft.

(10) LOCATION OF WELL:

County HARNEY Driller's well number #4
NW 1/4 NE 1/4 Section 2 T.26S R.30E W.M.
Bearing and distance from section or subdivision corner
1' north & 20 west of the SW corner of
the NW 1/4 of the NE 1/4 Sec 2

(11) WATER LEVEL: Completed well.

Depth at which water was first found 25 ft.
Static level 34 ft. below land surface. Date 2/15/80
Artesian pressure none lbs. per square inch. Date 2/15/80

(12) WELL LOG:

Diameter of well below casing 30
Depth drilled 175 ft. Depth of completed well 168 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
sandy loam	0	8	
dark cinders	8	12	
gray clay	12	25	
dark cinders	25	72	
gray clay	72	80	
gray fine sandstone	80	82	
dark cinders	82	94	
gray clay	94	122	
gray claystone	122	130	
black silty clay	130	155	
black cinders	155	170	
gray clay	170	175	

Work started 1/28 1980 Completed 1/30 1980
Date well drilling machine moved off of well 1/31 1980

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
[Signed] Stan Blum Date 2/15/80
(Drilling Machine Operator)
Drilling Machine Operator's License No. 1035

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Name WESTERN WATER WELLS INC.
(Person, firm or corporation) (Type or print)
Address P.O. BOX 294 BURNS, OREGON 97720
[Signed] Stan Blum
(Water Well Contractor)
Contractor's License No. 659 Date 2/15, 1980

The original and first copy of this report are to be filed with the

WATER WELL REPORT

WATER RESOURCES DEPARTMENT,
SALEM, OREGON 97310
within 30 days from the date
of well completion.

STATE OF OREGON

(Please type or print)

(Do not write above this line)

State Well No. 265/30E-1 db

State Permit No. _____

1318
Harney

(1) OWNER:

Name CHOWNING & ASSOCIATES
Address RT. 1 BOX 1109
HERMISTON, OREGON 97838

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Cable Driven Jetted Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal Irrigation Test Well Other

(5) CASING INSTALLED:

Threaded Welded
16" Diam. from 0 ft. to 192 ft. Gage # 312
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

(6) PERFORATIONS:

Perforated? Yes No.

Type of perforator used factory louvered
Size of perforations 3 in. by 1/8 in.
5040 perforations from 72 ft. to 192 ft.
perforations from _____ ft. to _____ ft.
perforations from _____ ft. to _____ ft.

(7) SCREENS:

Well screen installed? Yes No

Manufacturer's Name _____
Type _____ Model No. _____
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? Yes No If yes, by whom? W.W.W.
H: 370 gal./min. with 60 ft. drawdown after 24 hrs.
" " " " "
" " " " "
Bailer test _____ gal./min. with _____ ft. drawdown after _____ hrs.
Artesian flow none g.p.m.
Temperature of water 58 Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Well seal—Material used cement grout
Well sealed from land surface to 18 ft.
Diameter of well bore to bottom of seal 30 in.
Diameter of well bore below seal 30 in.
Number of sacks of cement used in well seal 60 sacks
How was cement grout placed? grout pump

Was a drive shoe used? Yes No Plugs _____ Size: location _____ ft.
Did any strata contain unusable water? Yes No
Type of water? good depth of strata _____
Method of sealing strata off _____
Was well gravel packed? Yes No Size of gravel: 3/8-
Gravel placed from 18 ft. to 265 ft.

(10) LOCATION OF WELL:

County Harney Driller's well number #6
NW 1/4 SE 1/4 Section 1 T. 26S R. 30E W.M.
Bearing and distance from section or subdivision corner
20' west & 1' north of the SE corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found 27 ft.
Static level 14 ft. below land surface. Date 2/27/80
Artesian pressure none lbs. per square inch. Date 2/27/80

(12) WELL LOG:

Diameter of well below casing 30"
Depth drilled 265 ft. Depth of completed well 192 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
fine sand	0	8	
multi-colored clay	8	27	
black cinders	27	47	
green clay	47	54	
black soft sand	54	65	
gray clay	65	78	
gray soft sandstone	78	130	
black silty clay	130	190	
gray clay	190	248	
cinders	248	252	
green claystone	252	265	
RECEIVED FEB 27 1980 WATER RESOURCES DEPT SALEM, OREGON			

Work started 2/22 1980 Completed 2/27 1980
Date well drilling machine moved off of well 2/23 1980

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] [Signature] Date 2/27, 1980
(Drilling Machine Operator)

Drilling Machine Operator's License No. 1035

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Name WESTERN WATER WELLS, INC.
(Person, firm or corporation) (Type or print)

Address P.O. BOX 294 BURNS, OREGON 97720

[Signed] [Signature]
(Water Well Contractor)

Contractor's License No. 559 Date 2/27, 1980

INSPECTION REPORT
Glenn Chowning 1979 B-20
July 24, 1985 Ves Garner

On July 24, 1985 I met with V. J. Lefore, ranch manager, and made the annual inspection of Glenn Chowning's project near Burns.

The project is several wells and pumps, pipeline, eight center pivots, and four one-quarter mile wheel lines for irrigation of 1176 acres all in alfalfa hay production.

All lands are in production this year and all equipment is in use. The crop appears to be real good and the equipment appears in good repair.

Flooding on pivot 8 is about the same as in 1984. The system still operates O.K.

cc: Water Rights
G-9764

WDLF 1979 B-20
G-9764

ANNUAL INSPECTION REPORT

Glenn Chowning & Assoc. 1979 B-20

August 9, 1983 Ves Garner

On August 9, 1983 I met with Darwin High to inspect Chowning's project near Burns. Mr. High stated he no longer is employed by Chowning. He said V. J. was now ranch manager. I also spoke with V. J. who said the ranch was doing O.K.

The project is wells, pipeline, pivots, and wheel lines for irrigation of 1176 acres. All of the project land except the northerly 80 acres is now producing alfalfa hay. The north 80 sits idle in the P.I.K. program.

All equipment (except north 80) is in use and appears in good repair. Crops appear good.



INSPECTION REPORT

Glen Chowning & Assoc. 1979 B-20

June 15, 1982

On June 15, 1982 I again inspected Glen Chowning's project near Burns. No one was on the project or contacted during the inspection.

The only apparent significant work since last inspected is the final completion of the leveling and seeding of alfalfa on the west 1/2 of pivot No. 8. The project can now be considered complete.

1982 crops appear to be barley on pivots 1, 2, 3, and 4. Alfalfa for hay on pivots 5, 6, 7, and 8. All crops appear to be doing well.

The '80 in Section 36 and the '40 in Section 1 appear to be seeded to alfalfa with a grain nurse crop.

All equipment appears to be in good repair and operating condition.



INSPECTION REPORT

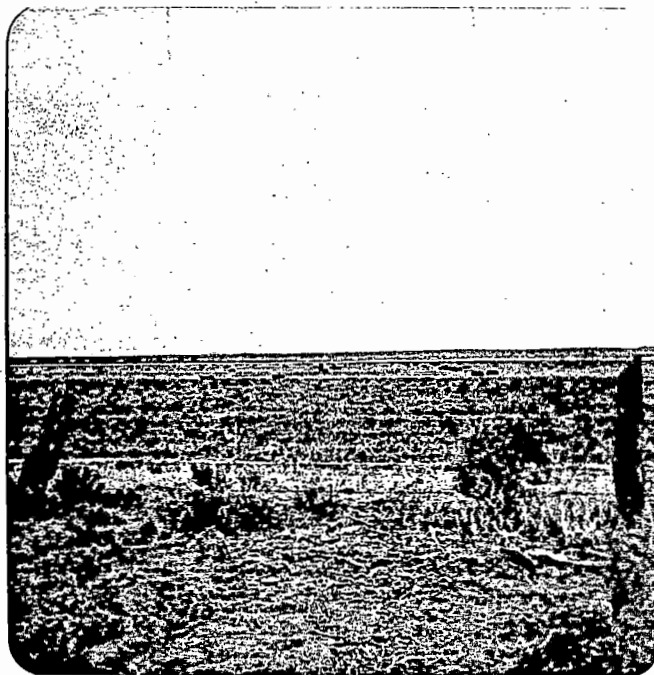
Glenn Chowning & Assoc. 1979 B-20

10/27/81 Ves Garner

On October 27, 1981 I again met with Darwin High to inspect Glenn's project near Burns in Harney County.

The project is complete with the exception of fully developing the west 1/2 pivot No. 8. Darwin has been leveling on this parcel from "time to time" using a disc and land leveler. Progress is slow and not yet complete. Darwin hopes to complete the leveling and get the parcel seeded by late spring.

The remainder of the project appears to be doing very well.



INSPECTION REPORT

Glen Chowning # 72

On July 23, 1981, I met with Darwin High, Manager, to inspect the Glen Chowning irrigation project near Burns in Harney County. Mr. High accompanied me on the inspection.

The project consists of nine wells, seven pumps, 8" pvc mainline, five wheel lines and eight center pivots.

As of this date, the irrigation system is complete and operating. The additional 120 acres has been cultivated, seeded, and the irrigation system is operating. The new pump has been installed in well No. 6 and the former pump has been moved to well No. 7.

Equipment Summary

Well No. 6: Motor-U.S. Electric, 15 hp.

Pump- Valley, Model 8HWE16, No. 19-90-080, 300 gpm at 160' tdh, set at 60'

Well No. 7: Motor-U.S. Electric, 75 hp

Pump-Valley, Model 12HMO/4, No. 19-90-080, 1,000 gpm at 243' tdh, set at 80'

Wheel Lines: 5-Crown American $\frac{1}{4}$ mile

Mainline: 3,960' - 6" pvc mainline, installed on S $\frac{1}{2}$ NE $\frac{1}{4}$, Section 36 and SE $\frac{1}{4}$ NW $\frac{1}{4}$, Section 1

Crops look very good, 5 circles of barley, estimate 2 $\frac{1}{2}$ -3 ton yield. Alfalfa expected to yield 4-5 ton per acre, per Mr. High majority of first cutting sold for \$75 per ton.

Engineer: *Gary Williams*

Dated July 23, 1981

INSPECTION REPORT
Glen Chowning 1979 B-20
4/30/81 V.G.

On April 30, 1981 I again met with Darwin High, Manager, to inspect the project of Glen Chowning near Burns.

As of this date, all center pivot irrigation systems are completed as last reported. No additional work has been done on pivot #8.

There are parts of four Crown American 1/4 mile wheel lines and 3960 feet six inch PVC pipe stored on the project which Darwin said will be used on the S 1/2 NE 1/4, Section 36, Township 25 South, Range 30 East and SE 1/4 NW 1/4, Section 1, Township 26 South, Range 30 East.

The 120 acres to be added to the project has been cleared of brush but not yet cultivated.

Darwin said he hoped to get all work completed by July 1981.

INSPECTION REPORT
Glen Chowning #72
9-24-80 VG

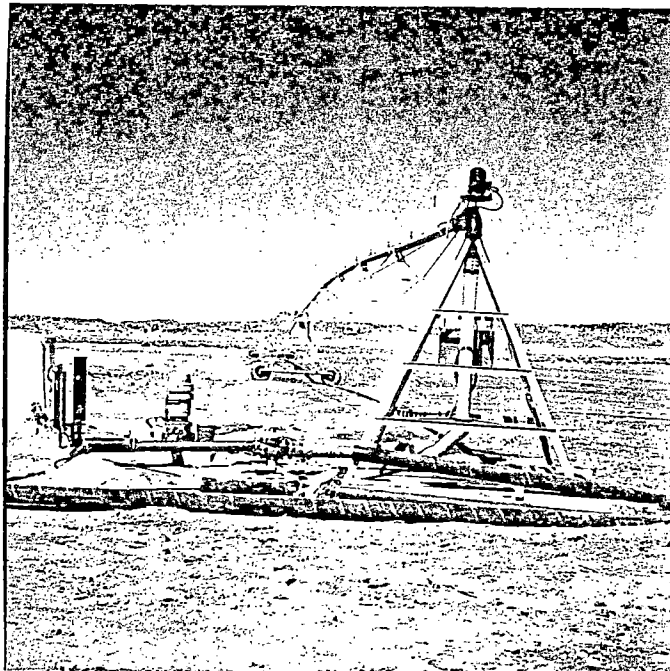
On September 24, 1980 I again met with Darwin, farm manager, to inspect the project of Glen Chowning near Burns.

Since my last inspection, pivot #7 has been fully seeded and a crop of alfalfa and grain is growing.

Pivot #8 has now been installed and is in use on the east half of the pivot land. This area is cleared and cultivated and seeded to alfalfa and grain. The west half of the pivot land is yet to be fully cleared, leveled and cultivated.

The barley crop on pivots 1, 2, 3, and 4 matured nicely and is being harvested. Yield is said to be about 3 ton/acre.

The first cutting of hay is being taken from pivot #5 this date. Yield is said to be about 2½ ton.



no change 1/9/81 Vea

INSPECTION REPORT
Glen Chowning & Assoc. #72

On July 24, 1980, I met with Darwin, ranch manager, to inspect the project of Glen Chowning near Burns in Harney County.

Pivots #1, #2, #3 and #4 are all in operation and all seeded in barley. The crop appears to be "excellent" and all systems operating nicely.

Pivots #5 and #6 are seeded to alfalfa with a grain nurse crop. #5 has a good stand but #6 just planted and barley showing new sprouts.

Pivot #7 fully cleared, cultivated and being pre-irrigated prior to seeding. This pivot will be seeded to alfalfa next week.

Pivot #8 land now being cleared and leveled. May be planted to alfalfa this fall if completed. Pivot on project but not yet erected.



INSPECTION REPORT
Glen Chowning & Assoc. #72

90% Complete - On Schedule - Satisfactory

On May 15, 1980, I met with Darwin the farm manager for Glen Chowning to inspect Mr. Chowning's project near Burns in Harney County.

The project is nearly complete with all pivots on the project. One pivot has not been erected but all others (7) have been. The odd 40' are not being developed at this time.

Each pivot has been numbered in the following manner:

- pivot #1 - SE $\frac{1}{4}$, Sec. 35, T.25S., R.30E
- pivot #2 - SW $\frac{1}{4}$, Sec. 35, T.25S., R.30E
- pivot #3 - NW $\frac{1}{4}$, Sec. 2, T.26S., R.30E
- pivot #4 - NE $\frac{1}{4}$, Sec. 2, T.26S., R.30E
- pivot #5 - SW $\frac{1}{4}$, Sec. 1, T.26S., R.30E
- pivot #6 - SE $\frac{1}{4}$, Sec. 1, T.26S., R.30E
- pivot #7 - NW $\frac{1}{4}$, Sec. 6, T.26S., R.31E
- pivot #8 - NE $\frac{1}{4}$, Sec. 6, T.26S., R.31E

General Description:

Pivots #1, #2, #3 and #4 each are provided water from their own well located near the pivot.

Pivots #5, #6, #7 and #8 are provided water from 4 wells tied together by a common steel pipeline.

Note: All well, pivot and pipeline locations and pipe sizes are shown on the attached project map.

Summary:

Pivot #1 (SE $\frac{1}{4}$, Sec. 35)

Well located 50' from pivot connected by 8" steel pipe

Motor - 60 hp Westinghouse
Serial #8002

Pump - Valley Turbine 8" discharge

Pivot - Valley $\frac{1}{4}$ mile
Model 4971
Serial 35739

Trenching - $\frac{1}{4}$ mile for electrical service from pivot due north.
By dozer, trencher and backhoe.

Pivot #2 (SW $\frac{1}{4}$ Sec. 35)

Well located 40' from pivot connected by 8" steel pipe.

Motor - 60 hp Westinghouse
Serial #7912

Pump - Valley Turbine 8" discharge

Pivot - Valley $\frac{1}{4}$ mile
Model 4971
Serial #35738

Trenching - $\frac{1}{4}$ mile for electric service from pivot due north, by
dozer, trencher and backhoe.

Pivot #3 (NW $\frac{1}{4}$, Sec. 2)

Well located 25' from pivot connectec by 8" steel pipeline

Motor - 60 hp Westinghouse
Serial #7912-A

Pump - Valley Turbine 8" discharge

Pivot - Valley $\frac{1}{4}$ mile
Model 4971
Serial #35736

Trenching - $\frac{1}{4}$ mile for electrical service due south from pivot by
dozer, trencher and backhoe.

Pivot #4 (NE $\frac{1}{4}$, Sec. 2)

Uses two wells, the northerly well uses a 30 hp pump and the southerly well uses a 40 hp pump. Each well is 60' from the pivot connected by 8" steel pipe.

Motor - 30 hp Westinghouse
Serial #7905

Pump - Valley Turbine 8" discharge

Motor - 40 hp Westinghouse
Serial #8003

Pump - Valley Turbine 8" discharge

Pivot - Valley $\frac{1}{4}$ mile
Model 4971
Serial #35737

Trenching - $\frac{1}{4}$ mile for electrical service due south from pivot by
dozer, trencher and backhoe.

Pivot #5 (SW $\frac{1}{4}$, Sec. 1)

Well at pivot connected by 8" steel pipe.

Motor - 50 hp Westinghouse
Serial #8001

Pump - Valley Turbine 8" discharge

Pivot - Valley $\frac{1}{4}$ mile
Model 4971
Serial # 35762

Trenching - $\frac{1}{4}$ mile for electrical service runs due south of pivot by
dozer, trencher and backhoe.

Note: This pivot tied to a well in the NW corner of the SW $\frac{1}{4}$, Sec. 1 -- 12" steel
pipe connects the system.

Well in corner -

Motor - 200 hp Westinghouse
Serial #8001

Pump - Valley Turbine 12" discharge

Pivot #5 is connected to Pivot #6 by 12" steel pipe (14 ga. asphalt coated)

Pivot #6

Well near pivot connected by 8" steel pipe.

Motor - 30 hp Westinghouse

Pump - Valley Turbine 8" discharge

Pivot - Valley $\frac{1}{4}$ mile
Model 4971
Serial #35760

Trenching - $\frac{1}{4}$ mile for electric service, runs due south, by dozer,
trencher and backhoe.

10" steel pipe from pivot #6 to pivot #7.

Pivot #7

No well at this pivot.

Pivot - Valley ¼ mile
Model 4971
Serial # 35759

Trenching - ¼ mile for electrical service runs due north, by dozer, trencher and backhoe.

8" steel pipe from pivot #7 to pivot #8.

Pivot #8

Well near pivot connected by 8" steel pipe.

Motor - 30 hp Westinghouse
Serial #8003M

Pump - Valley Turbine 8" discharge

Pivot - Valley ¼ mile
Model 4971
Serial #35761

(Note this pivot on site but not erected.)

Trenching - ¼ mile for electrical service, runs due north, by dozer, trencher and backhoe

Engineering Analysis

All pivots are programmed at 800 gpm each - 3 systems use 60 hp -
1 system uses 70 hp and 4 systems are combined with ³¹⁰~~260~~ hp.

Assume the pumping level at 40'

The horsepower required is estimated as follows:

$$\text{hp} = \frac{Q \times \text{tdh}}{7.05}$$

Q = quantity of water in cfs
tdh = total dynamic head
7.0 = constant at 80% efficiency

1) 60 hp systems (3)

Q = 800 gpm = 1.78 cfs
tdh = static head 50' (pump + elev)
pressure head 140' (@ 60 psi)
friction head 50' (in pivot & fittings)

$$\text{tdh} = 240'$$

$$\text{hp} = \frac{1.78 \text{ cfs} \times 240' \text{ tdh}}{7.05}$$

$$\text{hp} = 60 -$$

2) 70 hp system (2 wells 30 & 40 hp)

$$\begin{array}{rcl} Q & = & 1.78 \text{ cfs} \\ \text{tdh} & = & \begin{array}{r} \text{static head} \quad 50' \text{ (pump + elev)} \\ \text{pressure head} \quad 140' \text{ (@ 60 psi)} \\ \text{friction head} \quad 70' \text{ (in pivot \& fittings)} \\ \hline \text{tdh} = \quad 260' \end{array} \end{array}$$

$$\text{hp} = \frac{1.78 \text{ cfs} \times 260' \text{ tdh}}{7.05}$$

$$\text{hp} = 65$$

3) 3 wells, 200 hp + 30 hp + 30 hp + 50 hp - 4 pivots

1700' 12" pipe @ 2400 gpm

2640' 12" pipe @ 2000 gpm

3400' 10" pipe @ 1200 gpm

2640' 8" pipe @ 400 gpm

$$\begin{array}{rcl} Q & = & 3200 \text{ gpm} = 7.13 \text{ cfs} \\ \text{tdh} & = & \begin{array}{r} \text{static head} \quad 50' \text{ (pump + elev)} \\ \text{pressure head} \quad 140' \text{ (@ 70 psi)} \\ \text{friction head} \quad 90' \text{ (see below)} \\ \hline 280' \end{array} \end{array}$$

friction head -

$$\begin{array}{rcl} 1700' \text{ 12" @ 2400 gpm} & = & 14' \text{ hl} \\ 2640' \text{ 12" @ 2000 gpm} & = & 15' \text{ hl} \\ 3400' \text{ 10" @ 1200 gpm} & = & 17' \text{ hl} \\ 2640' \text{ 8" @ 400 gpm} & = & 6' \text{ hl} \\ 3 \text{ wells \& fittings} & & \frac{38' \text{ hl}}{90} \end{array}$$

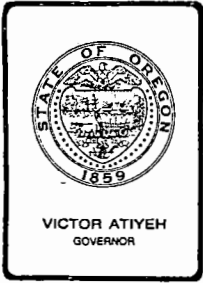
$$\text{hp} = \frac{7.13 \text{ cfs} \times 280 \text{ tdh}}{7.05}$$

$$\text{hp} = 283 -$$

The 310 hp in place appears adequate.

The project appears to be well designed and well constructed.

App: G-9764



Water Resources Department
MILL CREEK OFFICE PARK

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

PHONE 378-8131
OR
1-800-452-7813
(message line)

March 16, 1983

1979 B-20

Glenn Chowning & Associates
461 E. Main Street
Hermiston, OR 97838

Dear Mr. Chowning:

While reviewing your Water Resources Department Water Development Loan, I noticed the lands irrigated by wheel lines are not included in your existing permit to use water.

Since all irrigated lands require a water right, you should submit applications requesting permits. Two permits are needed since the land is separated by other ownerships.

To assist you, I have prepared a map and applications which only require your signature if you agree with them. After signing, they should be returned for filing. The required fee for each is penciled in the upper right corner of each application.

I will contact you prior to my next project inspection so we may meet as you have requested. Our field schedules are not prepared, but I expect to be in Harney County in late June or early July.

Questions regarding the water rights may be directed to me or the watermaster, Bill Beal, in Burns.

Sincerely,

Vestal R. Garner
Water Development Analyst
Water Development Loan Program

VRG:slv

cc: Bill Beal, Watermaster

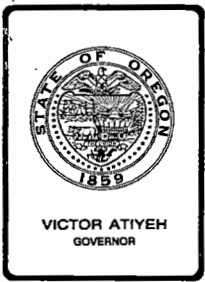
Enclosures
5393B

October 14, 1980

Glenn Chowning and Associates
256 E. Hurlburt #101
Hermiston, Oregon 97838

supporting data.

G-8979, application No. G-9764, with



Water Resources Department

MILL CREEK OFFICE PARK

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

PHONE 1-800-452-7813
378-3066

July 8, 1980

Glen Chowning and Associates
256 East Huriburt #101
Hermiston, Oregon 97838

Reference: Application No. G-9764

We have received your application for irrigation along with the supporting data and fees. Our receipt number 18269 is enclosed. Your application has been filed and assigned number G-9764.

Because of the many applications which have been filed in recent months, we are temporarily behind in our processing. Your application will be examined in detail as soon as possible. We will contact you if we need any additional information.

The permit approving your application will be issued without further correspondence if no additional information is required. Thank you for your patience.

Sincerely,

Ralph H. Jackson
Supervisor, Application/Permit Section
Water Rights Division

RHJ:kaa
Enclosure
0427A
1493A

COPY

Application No. G-9764
Permit No.

INSPECTION REPORT
Glen Chowning & Assoc. #72

90% Complete - On Schedule - Satisfactory

On May 15, 1980, I met with Darwin the farm manager for Glen Chowning to inspect Mr. Chowning's project near Burns in Harney County.

The project is nearly complete with all pivots on the project. One pivot has not been erected but all others (7) have been. The odd 40^s are not being developed at this time.

Each pivot has been numbered in the following manner:

- pivot #1 - SE $\frac{1}{4}$, Sec. 35, T.25S., R.30E
- pivot #2 - SW $\frac{1}{4}$, Sec. 35, T.25S., R.30E
- pivot #3 - NW $\frac{1}{4}$, Sec. 2, T.26S., R.30E
- pivot #4 - NE $\frac{1}{4}$, Sec. 2, T.26S., R.30E
- pivot #5 - SW $\frac{1}{4}$, Sec. 1, T.26S., R.30E
- pivot #6 - SE $\frac{1}{4}$, Sec. 1, T.26S., R.30E
- pivot #7 - NW $\frac{1}{4}$, Sec. 6, T.26S., R.31E
- pivot #8 - NE $\frac{1}{4}$, Sec. 6, T.26S., R.31E

RECEIVED

JUN 4 1980

WATER RESOURCES DEPT
SALEM, OREGON

General Description:

Pivots #1, #2, #3 and #4 each are provided water from their own well located near the pivot.

Pivots #5, #6, #7 and #8 are provided water from 4 wells tied together by a common steel pipeline.

Note: All well, pivot and pipeline locations and pipe sizes are shown on the attached project map.

Summary:

Pivot #1 (SE $\frac{1}{4}$, Sec. 35)

Well located 50' from pivot connected by 8" steel pipe

Motor - 60 hp Westinghouse
Serial #8002

Pump - Valley Turbine 8" discharge

Pivot - Valley $\frac{1}{4}$ mile
Model 4971
Serial 35739

Trenching - $\frac{1}{4}$ mile for electrical service from pivot due north.
By dozer, trencher and backhoe.

Pivot #2 (SW $\frac{1}{4}$ Sec. 35)

Well located 40' from pivot connected by 8" steel pipe.

Motor - 60 hp Westinghouse
Serial #7912

Pump - Valley Turbine 8" discharge

Pivot - Valley $\frac{1}{4}$ mile
Model 4971
Serial #35738

Trenching - $\frac{1}{4}$ mile for electric service from pivot due north, by
dozer, trencher and backhoe.

Pivot #3 (NW $\frac{1}{4}$, Sec. 2)

Well located 25' from pivot connectec by 8" steel pipeline

Motor - 60 hp Westinghouse
Serial #7912-A

Pump - Valley Turbine 8" discharge

Pivot - Valley $\frac{1}{4}$ mile
Model 4971
Serial #35736

Trenching - $\frac{1}{4}$ mile for electrical service due south from pivot by
dozer, trencher and backhoe.

Pivot #4 (NE $\frac{1}{4}$, Sec. 2)

Uses two wells, the northerly well uses a 30 hp pump and the southerly well uses a 40 hp pump. Each well is 60' from the pivot connected by 8" steel pipe.

Motor - 30 hp Westinghouse
Serial #7905

Pump - Valley Turbine 8" discharge

Motor - 40 hp Westinghouse
Serial #8003

Pump - Valley Turbine 8" discharge

Pivot - Valley $\frac{1}{4}$ mile
Model 4971
Serial #35737

Trenching - $\frac{1}{4}$ mile for electrical service due south from pivot by dozer, trencher and backhoe.

Pivot #5 (SW $\frac{1}{4}$, Sec. 1)

Well at pivot connected by 8" steel pipe.

Motor - 50 hp Westinghouse
Serial #8001

Pump - Valley Turbine 8" discharge

Pivot - Valley $\frac{1}{4}$ mile
Model 4971
Serial # 35762

Trenching - $\frac{1}{4}$ mile for electrical service runs due south of pivot by dozer, trencher and backhoe.

Note: This pivot tied to a well in the NW corner of the SW $\frac{1}{4}$, Sec. 1 -- 12" steel pipe connects the system.

Well in corner -

Motor - 200 hp Westinghouse
Serial #8001

Pump - Valley Turbine 12" discharge

Pivot #5 is connected to Pivot #6 by 12" steel pipe (14 ga. asphalt coated)

Pivot #6

Well near pivot connected by 8" steel pipe.

Motor - 30 hp Westinghouse

Pump - Valley Turbine 8" discharge

Pivot - Valley $\frac{1}{4}$ mile
Model 4971
Serial #35760

Trenching - $\frac{1}{4}$ mile for electric service, runs due south, by dozer, trencher and backhoe.

10" steel pipe from pivot #6 to pivot #7.

Pivot #7

No well at this pivot.

Pivot - Valley $\frac{1}{4}$ mile
Model 4971
Serial # 35759

Trenching - $\frac{1}{4}$ mile for electrical service runs due north, by dozer, trencher and backhoe.

8" steel pipe from pivot #7 to pivot #8.

Pivot #8

Well near pivot connected by 8" steel pipe.

Motor - 30 hp Westinghouse
Serial #8003M

Pump - Valley Turbine 8" discharge

Pivot - Valley $\frac{1}{4}$ mile
Model 4971
Serial #35761

(Note this pivot on site but not erected.)

Trenching - $\frac{1}{4}$ mile for electrical service, runs due north, by dozer, trencher and backhoe.

Engineering Analysis

All pivots are programmed at 800 gpm each - 3 systems use 60 hp -
1 system uses 70 hp and 4 systems are combined with ³¹⁰~~260~~ hp.

Assume the pumping level at 40'

The horsepower required is estimated as follows:

$$\text{hp} = \frac{Q \times \text{tdh}}{7.05}$$

Q = quantity of water in cfs
tdh = total dynamic head
7.0 = constant at 80% efficiency

1) 60 hp systems (3)

Q = 800 gpm = 1.78 cfs
tdh = static head 50' (pump + elev)
pressure head 140' (@ 60 psi)
friction head 50' (in pivot & fittings)

$$\text{tdh} = 240'$$

$$\text{hp} = \frac{1.78 \text{ cfs} \times 240' \text{ tdh}}{7.05}$$

$$\text{hp} = 60 -$$

2) 70 hp system (2 wells 30 & 40 hp)

$$\begin{array}{rcl} Q & = & 1.78 \text{ cfs} \\ \text{tdh} & = & \begin{array}{r} \text{static head} \quad 50' \text{ (pump + elev)} \\ \text{pressure head} \quad 140' \text{ (@ 60 psi)} \\ \text{friction head} \quad 70' \text{ (in pivot \& fittings)} \\ \hline \text{tdh} = \quad 260' \end{array} \end{array}$$

$$\text{hp} = \frac{1.78 \text{ cfs} \times 260' \text{ tdh}}{7.05}$$

$$\text{hp} = 65$$

3) 3 wells, 200 hp + 30 hp + 30 hp + 50 hp - 4 pivots

1700' 12" pipe @ 2400 gpm

2640' 12" pipe @ 2000 gpm

3400' 10" pipe @ 1200 gpm

2640' 8" pipe @ 400 gpm

$$\begin{array}{rcl} Q & = & 3200 \text{ gpm} = 7.13 \text{ cfs} \\ \text{tdh} & = & \begin{array}{r} \text{static head} \quad 50' \text{ (pump + elev)} \\ \text{pressure head} \quad 140' \text{ (@ 70 psi)} \\ \text{friction head} \quad 90' \text{ (see below)} \\ \hline 280' \end{array} \end{array}$$

friction head -

$$1700' \text{ 12" @ 2400 gpm} = 14' \text{ hl}$$

$$2640' \text{ 12" @ 2000 gpm} = 15' \text{ hl}$$

$$3400' \text{ 10" @ 1200 gpm} = 17' \text{ hl}$$

$$2640' \text{ 8" @ 400 gpm} = 6' \text{ hl}$$

$$\begin{array}{r} 3 \text{ wells \& fittings} \\ \hline 38' \text{ hl} \\ 90 \end{array}$$

$$\text{hp} = \frac{7.13 \text{ cfs} \times 280 \text{ tdh}}{7.05}$$

$$\text{hp} = 283 -$$

The 310 hp in place appears adequate.

The project appears to be well designed and well constructed.