Preliminary Water Rights Review

Hellberg-Wilson Property

T6N, R33E Section 23, Tax Lot 2807 Milton-Freewater, Oregon

for Northwest First Realtors

December 30, 2021



8019 W. Quinault Avenue, Suite 201 Kennewick, WA 99336

(509) 209-2846

Preliminary Water Rights Review

Hellberg-Wilson Property Milton-Freewater, Oregon

File No. 25795-001-00

December 30, 2021

Prepared for:

Northwest First Realtors 320 North Colville Street Walla Walla, Washington 99362

Attention: Mark Grant

Prepared by:

GeoEngineers, Inc. 8019 W. Quinault Avenue, Suite 201 Kennewick, WA 99336 (509) 209-2846

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INTRODUCTION

GeoEngineers was retained by Northwest First Realtors to perform a preliminary water rights review on one parcel owned by Jonathan Wilson and Sara Hellberg-Wilson encompassing approximately 141.8 acres of ranchland located near Butler Grade, outside of Milton-Freewater in Umatilla County, Oregon. Attached Figure 1, Parcel Location Map, has also been provided to confirm the approximate boundaries associated with the property which is considered the limits of this preliminary water rights review. The results of our findings are incorporated into the water right summary below.

Scope of Water Rights Review

Research and Review of Available Water Right Information

Mark Grant of Northwest First Realtors provided GeoEngineers, Inc. with the parcel number attributed to the Hellberg-Wilson property located in Umatilla County, Oregon (see attached Figure1.) This parcel information was then used as the foundation for locating water rights information through the online Water Rights Information System research tool located on the Oregon Water Resources Department's (OWRD) website.

TABLE 1. HELLBERG-WILSON PARCEL

| Parcel Number on Attached Figure 1 | Umatilla County Assessor Map and Parcel Number | Acreage |
|---------------------------------------|---|---------|
| 1 | 6N33000002807 #139786 | 141.84 |

Through the use of the OWRD's online water rights research tool water rights information, maps, and well logs were accessed and reviewed to determine the extent of water rights appurtenant to the above referenced parcel. In addition the water rights maps found on the OWRD's website were compared to the attached map provided as Figure 1 for location validity. A total of three (3) water rights were identified to be appurtenant to Parcel 1. (See attached Water Rights and Maps). The attributes of these water rights are summarized below.

Water Right Certificate 28274 - (Permit G-420)

| Priority Date: | January 7, 1957 |
|-----------------|---|
| Source: | Groundwater from one well (UMAT 4072) Basalt Aquifer |
| Well Location: | Lot 2 (NWNE) Section 23, T6N, R33E, W.M.; being 495 feet South and 198 feet |
| | East from the North quarter corner of Section 23. |
| Rate and Duty: | 0.64 cfs (287 gpm) and 2511 acre feet per annum (3 acre feet per acre) |
| Purpose of Use: | Primary Irrigation of 83.7 acres |
| Place of Use: | T6N, R33E Section 23, NENW, NWNW and SENW (Lots 3, 4 and 6) |

This water right in the name of Archie Harris, allows for irrigation of up to 83.7 acres from one well and is limited to 251.1 acre feet per year. The period of use for the groundwater is March 1 to October 31 annually. This water right is appurtenant to Tax Lot 2807 (Parcel 1 in Table 1). Records appear to indicate that there is no flowmeter present at the well.

Water Right Certificate 28275 - (Permit G-421)

| Priority Date: | January 7, 1957 |
|-----------------|--|
| Source: | Groundwater from one well (UMAT 4071 & 4073) Basalt Aquifer |
| Well Location: | Lot 1 (NENE) Section 23, T6N, R33E, W.M.; being 75 feet South and 1225 feet |
| | West from the NE corner of Section 23 on Tax Lot 2807 |
| Rate and Duty: | Approximately 0.33 cfs (148 gallons per minute) and 180.9 acre feet per annum |
| | (3 acre feet per acre) is attributed to Tax Lot 2807 |
| Purpose of Use: | Irrigation of 60.3 acres |
| Place of Use: | Lot 2, and a portion of Lot 1 located West of the road, and a portion of Lot 6 and |
| | Lot 7 |

This water right is in the name of Archie Harris and is for irrigation of a total of 115.7 acres of which approximately **60.3** acres are appurtenant to Tax Lot 2807. This is an estimate as the property was partitioned after the Final Proof Survey Map was prepared. However, in comparing the Final Proof Survey Map for Certificate 28275 with the Final Proof Survey Map of Certificate 62697, these approximate numbers appear to be accurate. Period of use for groundwater is March 1 to October 31. Records indicate a flowmeter is present at the well.

Water Right Certificate 62697 - (Permit G-9605)

| Priority Date: | July 6, 1981 and March 1, 1982 |
|-----------------|--|
| Source: | Groundwater from one well (UMAT 57851) Basalt Aquifer |
| Well Location: | Lot 3 (NENW), Section 23, T6N, R33E, W.M., being 170 Feet North and 690 Feet |
| | West from the North ¼ Corner of Section 23, being on Tax Lot 2807 |
| Rate and Duty: | 0.56 cfs (251 gpm) for July 6, 1981, and 0.11 cfs (49 gpm) for March 1, 1982 |
| Purpose of Use: | Irrigation of 3.1 acres and Supplemental Irrigation of 137.6 acres |
| Place of Use: | Township 6-North, Range 33-East, Section 23 Lots 1, 2, 3, 4, 5, 6, and 7, |
| | all located on Tax Lot 2807, |

This water right in the name of Roger Kentch allows the use of water from one well for the purpose of primary and supplemental irrigation. Period of use is from March 1 through October 31. It appears that the well for this groundwater right is located on Tax Lot 2807. Little is known about the well other than it is approximately 915 feet deep. No formal well log has been found for this well. The Oregon Water Resources Department's groundwater section developed a preliminary well log for this well based on nearby well logs (see attached well log UMAT 57851). Records indicate there is a flowmeter present at this well.

Additional Findings

Further water right research indicated that the authorized wells from groundwater rights (Certificates 28274, 28275 and 62697) are located within the Walla Walla Subbasin of the Umatilla Basin. In May 2017 the Oregon Water Resources Department updated the Umatilla Basin Program rules to classify, or designate, what future groundwater uses are allowed in the Walla Walla Subbasin (OAR 690-507-0030(30)). This classification limits future (new) groundwater allocation to exempt uses only in both the sedimentary and basalt aquifers. Also at this time the Walla Walla Subbasin was designated a Serious

Water Management Problem Area (SWMPA) which requires water-use measurement and reporting for permitted wells in the basalt aquifers. The changes adopted in May 2017 require **all** permitted groundwater rights from the basalt aquifer to: 1) install a meter on each permitted well by January 1, 2019; 2) Read and record the flowmeter total monthly; 3) Report use to the Department at the end of each year; and 4) Allow the Department to read the meters and measure water levels at least once a year. (OAR 690-507-0030(4)).

Identified Gaps in Water Rights Information

Gaps in water rights information identified through our research were the lack of specific water use reports on each of the three wells associated with the groundwater rights. Records on the Oregon Water Resources Department's website indicate that a flowmeter is present on two of the three wells and that OWRD staff have documented single readings at their annual well site visits. However, there is no record of monthly water use reported from the flowmeter readings as required by the Serious Water Management Problem Area designation.

It is recommended that upon completion of the sale of the property, the new landowner provide Oregon Water Resources Department with ownership update information and monthly water use from each of the wells.

No other information gaps were identified as it appears that all water rights found appurtenant to the Hellberg-Wilson property are up to date and in a valid status. No evidence was found to suggest that any of the identified water rights have been forfeited for any reason.

SUMMARY

In summary, research of existing water rights located on the Oregon Water Resources Department's website to be associated with the subject parcels in Table 1 found multiple water rights for irrigation and supplemental irrigation. Review of these water rights indicate that they appear to be active and valid, and no information in the records indicate that any of these water rights have been forfeited or abandoned. Options are available to any potential new landowner to update, or make changes to the water right(s). GeoEngineers would be happy to assist with any questions related to this preliminary review.



STATE OF OREGON

COUNTY OF UMATILLA

CERTIFICATE OF WATER RIGHT

This Is to Certify, That ARCHIE HARRIS

of Rt. 1, Touchet , State of Washington has made proof to the satisfaction of the STATE ENGINEER of Oregon, of a right to the use of the waters of a well a tributary of for the purpose of irrigation of 83.7 acres

under Permit No. 0-420 of the State Engineer, and that said right to the use of said waters has been perfected in accordance with the laws of Oregon; that the priority of the right hereby confirmed dates from January 7, 1957

that the amount of water to which such right is entitled and hereby confirmed, for the purposes aforesaid, is limited to an amount actually beneficially used for said purposes, and shall not exceed 0.64 cubic foot per second

or its equivalent in case of rotation, measured at the point of diversion from the stream. The point of diversion is located in the Lot 2 (NW1 NE1), Section 23, T. 6 N., R. 33 E., W.M.

Well is 72 chains S. and 3 chains E. from N2 corner, Section 23.

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

and shall

State Printing

conform to such reasonable rotation system as may be ordered by the proper state officer. A description of the place of use under the right hereby confirmed, and to which such right is appurtenant, is as follows:

> 40.2 acres Lot 3 (NE¹/₂ NW¹/₂) 41.8 acres Lot 4 (NM²/₁ NW¹/₂) 1.7 acres Lot 6 (SE¹/₂ NW¹/₂) Section 23 T. 6 N., R. 33 E., W.M.

The right to the use of the water for the purposes aforesaid is restricted to the lands or place of use herein described.

WITNESS the signature of the State Engineer, affixed

this date. February 2h, 1961

LEWIS A. STANLEY

State Engineer

Recorded in State Record of Water Right Certificates, Volume 20 , page 26274



Application No. G-426 C-421 IN NAME OF

Surveyed JULY 19 1960, by M. BISH

1980 D

| ORIGINAL CONTRACTOR WATER WEI | LL REPORT IMA State Well No. | 133 -2 | 3B(1) |
|---|---|-------------------|---|
| -file Original and file A 2 15 1 W 12 HARAT | State Weil No. | | |
| Duplicate with the STATE ENGINEER, SALEM, OREGON | OREGON (4072) State Permit No. 4- | - 4 12 | / |
| (1) OWNER: | (11) WELL TESTS: Drawdown is amount w lowered below static lev | ater level el | fs |
| Name Archie STATE ENGINEER | Was a pump test made? Yes No If yes, by whom | | |
| Address Touchert WSALEM, OREGUN | Yield: 330 gal./min. with 190 ft. drawdown | n after | <u>/ hrs.</u> |
| R#1 | ı, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, , | | ** |
| (2) LOCATION OF WELL: | yy yy yy yy yy yy y y y y y y y y y y | | " ••• |
| County UMIA Owner's number, if any— | Bailer test gal./min. with ft. drawdown Artesian flow g.p.m. Date | aiter | hrs. |
| 1/4 1/4 Section T. R. W.M. | Artesian flow g.p.m. Date Temperature of water 72 [°] Was a chemical analysis ma | de? PY | es 🗌 No 🔄 |
| Bearing and distance from section or subdivision corner | | | |
| 2414' N 74° 40'W + 378' 515° 20' | (12) WELL LOG: Diameter of well | . | · • · · |
| W from NE cour & Sec 23 | Depth drilled 700 ft. Depth of completed w | | |
| TWP WN R 33E | Formation: Describe by color, character, size of materia show thickness of aquifers and the kind and nature of t | he materi | al in each |
| | stratum penetrated, with at least one entry for each c | FROM | TO |
| | MATERIAL | | 40 |
| (3) TYPE OF WORK (check): | Vaproit. | 40 | 117 |
| New Well Deepening Reconditioning Abandon | - Char | 117 | 127 |
| If abandonment, describe material and procedure in Item 11. | Proh. | 127 | 183 |
| 4) PROPOSED USE (check): (5) TYPE OF WELL: | Cloy | 183 | 191 |
| Domestic 🗌 Industrial 🗌 Municipal 🗌 Rotary 🗌 Driven 🗌 Cable 🖬 Jetted 🗌 | Solid Rock | 191 | 225 |
| Irrigation 2 Test Well Other Dug Bored | Brokey Rock | 225 | 265 |
| (6) CASING INSTALLED: Threaded U Welded | Rock | <u>265</u> 328 | 328 |
| (6) CASING INSTALLED: Threaded □ Welded ♀ | Clay | 328 | 3/1/2 |
| | Rock | 366 | 371 |
| "Diam. from | Pub | 371 | 460 |
| | Basalt Sandstone | 460 | \$90 |
| (7) PERFORATIONS: Perforated? \Box Yes \Box No | Beself | 490 | 510 |
| Type of perforator used SIZE of perforations in. by | Bacalf Sandatore | 510 | 515 |
| perforations from ft. to ft. | Brakes Rock | 515 | 570 |
| perforations fromft. toft. | O. A. | 595 | 602 |
| periorations croin | Alin | 602 | Gole |
| perforations from ft. to ft. | Baself Rock | 606 | 618 |
| perforations fromft. toft. | Gray Back | 618 | 654 |
| S) SCREENS: Well screen installed 🗌 Yes 🗆 No | Bussell Rock | 654 | 700 |
| Manufacturer's Name | | | |
| Wodel No. | | | |
| Diam | | 1 | 19 |
| Sam | Work started 19 . Completed | | |
| (9) CONSTRUCTION: | (13) PUMP: | | |
| Was well gravel packed? Yes No Size of gravel: | Manufacturer's Name ACEC. | | · |
| Gravel placed from ft. to ft. | | н.р. 7 | <u>0</u> |
| Was a surface scal provided? 🗌 Yes 🖉 No To what depth? ft. | Well Duillen's Statements | | |
| Material used in seal- | Well Driller's Statement: This well was drilled under my jurisdiction | and this | report is |
| Did any strata contain unusable water? Ves No Type of water? Depth of strata | true to the best of my knowledge and belief. | | · • · · · · · · · · · · · · · · · · · · |
| Method of sealing strata off | EM EAL Rebreus | | |
| | | Type or pr | int) |
| (10) WATER LEVELS: | Address Milton Ore | | |
| Static level78ft. below land surfaceDate 3 - 15 - 55Artesian pressurelbs. per square inchDate | Drillor's well number | | |
| Artesian pressure 105, per square men Date | Driller's well number | | |
| Log Accepted by: | [Signed] | | |
| [Signed] At the Hour Date 1958 | License No Date | | , 19 |
| (Øwner) | | | |
| (USE ADDITIONAL) | SHEETS IF NECESSARY) | | - |

STATE OF OREGON

COUNTY OF THATTLA

CERTIFICATE OF WATER RIGHT

This Is to Certify, That ARCHIE HARRIS

Touchet of Rt. 1, , State of Washington, has made proof to the satisfaction of the STATE ENGINEER of Oregon, of a right to the use of the waters of a well a tributary of

irrigation of 115.7 acres

for the purpose of

under Permit No. 0-421 of the State Engineer, and that said right to the use of said waters has ' en perfected in accordance with the laws of Oregon; that the priority of the right hereby conjirmed dates from January 7, 1957

that the amount of water to which such right is entitled and hereby confirmed, for the purposes aforesaid, is limited to an amount actually beneficially used for said purposes, and shall not exceed 0.64 cubic foot per second

or its equivalent in case of rotation, measured at the point of diversion from the stream. The point of diversion is located in the Lot 1 (NET NET), Section 23, T. 6 N., R. 33 E., W.K.

Well is 75 ft. S. and 1225 ft. W. from NE corner, Section 23.

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

and shall

conform to such reasonable rotation system as may be ordered by the proper state officer. A description of the place of use under the right hereby confirmed, and to which such right is appurtenant, is as follows:

> 26.6 acres Lot 1 (NE2 NE2 39.8 acres Lot 2 (NW NE 36.6 acres Lot 7 (SW NE 8.2 acres Lot 8 (SE NE 4.5 acres Lot 6 (SEI NWI) Section 23 T. 6 N., R. 33 E., W.M.

The right to the use of the water for the purposes aforesaid is restricted to the lands or place of use herein described.

WITNESS the signature of the State Engineer, affixed

this date. February 24, 1961

LEWIS A. STANLEY

State Engineer

Recorded in State Record of Water Right Certificates, Volume 20 , page 28275



ARCHIE HARRIS

1960 D

Surveyed JULY 19 1960, by M. BISH

| | LL REPORT UMAT trate Well No. (1/33) | -23A/1) |
|--|---|---------------------------------------|
| | 1073 JA77 JA77 | |
| Dublicate with the STATE ENGINEER, SALEM, OREGON | FOREGON 4075 state Permit No. $4-42/$ | |
| WW JAN O 10FO ILI | (11) WELL TESTS: Drawdown is amount water level | el is |
| (1) OWNER: Name Archie Harston Filewiren | lowered below static level | |
| | Was a pump test made? Yes I No If yes, by whom? | 1 |
| Address JOSCHET WASH SALEM OFFGON | Yield: 300 gal./min. with // 5 ft. drawdown after | / hrs. |
| <u> </u> | 1) 1) 1) 1) | |
| (2) LOCATION OF WELL: | | hrs. |
| County Umatilla Owner's number, if any- | | 1118. |
| 1/4 1/4 Section T. R. W.M. | Artesian flow g.p.m. Date Temperature of water Was a chemical analysis made? | Yes 🗋 No |
| Bearing and distance from section or subdivision corner | | |
| 1190'N 740 40'W + 453' 5150 20'W | (12) WELL LOG: Diameter of well § -/2 | inches. |
| from the NE cover 1 Sec 23 | Depth drilled 537 ft. Depth of completed well 5 | 37 ft. |
| Twp & P33E | Formation: Describe by color, character, size of material and str show thickness of aquifers and the kind and nature of the mate | ucture, and |
| | show thickness of aquifers and the kind and hatare of the nate stratum penetrated, with at least one entry for each change of | formation. |
| | MATERIAL FROM | то |
| (2) TYPE OF WORK (check). | | |
| (3) TYPE OF WORK (check): New Well Deepening C Reconditioning Abandon C | | |
| New Well Deepening Reconditioning Kandon I. | | |
| | | · · · · · · · · · · · · · · · · · · · |
| (5) TYPE OF WELL: | | |
| Domestic 🔲 Industrial 🗌 Municipal 🗌 Rotary 🗍 Driven 🗌 | | |
| Irrigation Test Well Other D _ Dug Bored | | |
| | | |
| (6) CASING INSTALLED: Threaded Welded | | |
| 12." Diam. fromft. toft. Gage | | |
| " Diam. from ft. to ft. Gage | | |
| " Diam. from ft. to ft. Gage | | |
| | | |
| (7) PERFORATIONS: Perforated? [] Yes Pro | | |
| Type of perforator used | V | |
| SIZE of perforations in. by in. | *** | - |
| perforations from ft. to ft. | | |
| perforations from ft. to ft. | | |
| perforations from | | |
| perforations from | | |
| perforations fromft_ toft. | | |
| SCREENS: Well screen installed [] Yes | | |
| Manufacturer's Name | | |
| Type | | |
| Diam Slot size Set from ft. to ft. | | |
| Diam | | 19 |
| <u> </u> | | |
| (9) CONSTRUCTION: | (13) PUMP: | |
| Was well gravel packed? [] Yes 📝 No Size of gravel: | Manufacturer's Name ACCC | |
| Gravel placed from ft. to | Type: Mirin H.P. | 40 |
| Was a surface seal provided? 🗌 Yes 📝 No To what depth? ft. | | |
| Material used in seal | Well Driller's Statement: | |
| Did any strata contain unusable water? 🗌 Yes 🔲 No | This well was drilled under my jurisdiction and thi true to the best of my knowledge and belief, | s report is |
| Type of water? Depth of strata | true to the best of my knowledge and bener. | |
| Method of sealing strata off | - NAME / FUIL (JAVIS | |
| (10) WATER LEVELS: | (Person, firm, cr corporation) (Type or p | |
| | Address | |
| | Duillanta wall number | |
| Artesian pressure Ibs. per square inch Date | Driller's well number | ********* |
| Log Accepted by | [Signed] | |
| [Signed] Anhi Timis Date 1-7- 1958 | (Well Driller) | - |
| [Signed] / Tw & from Date, 199 | License No | , 19 |
| · | | |
| (USE ADDITIONAL | SHEETS IF NECESSARY) | |

UMAT 4073

STATE ENGINEER Salem, Oregon

υ υ

State Well No. 23 Ali) County Umelille

Application No. 6

Well Log

| Owner: Archie Harris | Owner's No | | | |
|--|----------------------|--------------------|---------------------|--|
| Driller: Rxbd Bavis | Date Drilled 1952-54 | | | |
| CHARACTER OF MATERIAL | (Feet below 's | and surface) To | Thickness (feet) | |
| Soil | 0 | 8 | 8 | |
| Soil and silt, tan to brown | 8 | 25 | 17 | |
| Silt, brown, some gravel at 60' | 25 | 68 | 43 | |
| Basalt, black, broken | 68 | 79 | u u | |
| Clay, brown, gummy, Some grovil streaks | 79 | 11.6 | 37 | |
| Grovel, hard pecked, some water at 122' | 116 | 123 | 7 | |
| cly Soft brown | 123 | 132 | ٩ | |
| | -132 | -148 | | |
| Baselt, hard, brown, Water level at 80' | 132 | 160 | 28 | |
| Softer formation, brown, streaks of | | | | |
| clay and grovel | 160 | 170 | 10 | |
| Sand and gravel, packed, some clay, some | | | | |
| round grovel # HOX | 170 | 174 | 14 | |
| Clay and grovel, hard brown | <u>\74</u> | 205 | 31 | |
| clay had and brown with 69' | 205 | 245 | 40 | |
| Honey cumbed ruck tod, bruken | 245 | 265 | 20 | |
| Clay brown, and gravel | 265 | 277 | 12 | |
| Basalt, black, caving, water from | | | | |
| ~97 to 292, w.b. 77' | 277 | 305 | 2.8 | |
| Soopstone, green | 205 | 308 | 3 | |
| Baselt | 308 | 330 | 22 | |
| Basalt, blue hard | 330 | 338 | 8 | |
| Basalt, gray, hand, web. 76' | Na 33 er | 753 | 15 | |
| (broken and coving) | | | | |

UMAT 4073

STATE ENGINEER Salem, Oregon

L

| State | Well | No. | 6N/33-23A(1) |
|-------|------|-----|--------------|
| | | | Umotilla |
| | | | Chat |

Application No. Guzu

Well Log

| iller: <u>Rudd Daxis</u> | Date Dr | lled | |
|-------------------------------------|------------|------|---------------------|
| CHARACTER OF MATERIAL | (Feet belg | To | Thickness (feet) |
| | | | |
| Recurd Missing | 323 | 443 | ঀ৽ |
| Baselt, blue hand | 443 | 449 | 6 |
| Baselt gray, hand W.L. 90' | 449 | 470 | 21 |
| Basolt, medium, caving black | 470 | 478 | 5 |
| Basolt, hand, grey, coving (Touls | 478 | 466 | 8 |
| bailer turn real grown) | | | |
| Beselt, block, medinin, huneycumbed | 486 | 512 | 26 |
| (wot. + From 504 to 510 | | | |
| Sand black | 512 | 512 | ? stre |
| Bosell, gray hard W.L. 90' | 512 | 522 | 10 |
| | | | |
| (See Redd Dovis file for | | | |
| dorlo drilling records | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| | UMAT | |
|--|---|---|
| First Copy with the | F OREGON State Permit No. | 3 A |
| (1) OWNER: Name Archie Harris Address Touchet, Wash. | (11) WELL TESTS: Drawdown is amount water level is lowered below static level. Was a pump test made? 75 Yes □ No If yes, by whom 14& A Yield: 330 gal./min. with 108 ft. drawdown after | hrs. |
| | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
| (2) LOCATION OF WELL: | 27 29 29 29 29 20 Characteristics | |
| <u>county Umatilla</u> <u>owner's number, if any- None</u> | Bailer test gal./min. withft. drawdown after Artesian flow g.p.m. Date | hrs. |
| <u>NE 34 NE 34 Section 23 T. 6N R. 33E W.M.</u> | | To No |
| Bearing and distance from section or subdivision corner | | |
| | | inches. |
| | Depth drilled / 81 ft. Depth of completed well /81 Formation: Describe by color, character, size of material and structur, show thickness of aquifers and the kind and nature of the material in strating nenotrated with a there is the material in | ft. •e, and |
| and the second sec | show thickness of aquifers and the kind and nature of the material in stratum penetrated, with at least one entry for each change of form | n each ration. |
| | | то |
| (3) TYPE OF WORK (check): | | <u>Ft</u> |
| New Well Deepening Abandon Abandon Abandon Sandonment, describe material and procedure in Item 11. | Gray 15 ¹ Black 27 | 537 |
| | Greenish shale 6t | 570 |
| (4) PROPOSED USE (check): (5) TYPE OF WELL: | Black 43 | 613 |
| Domestic 🗌 Industrial 🗌 Municipal 📋 Rotary 🗌 Driven 🗍 Cable 🔲 Jetted | | 61.6 |
| Irrigation 🖾 Test Well 🗌 Other 🔲 Dug 🗌 Bored 🗌 | Gray shale(some water) 8 | 624 |
| (6) CASING INSTALLED: Threaded Welded | <u>Gray</u> <u>16</u> | 640 |
| 1.50." Diam. from .1211 ft. to | Brownish Black (Water) 13 | 653 🚞 |
| | Black 92 Brownish Black 36 | 745 |
| "Diam. from | Brownish Black 36 | 781 |
| (7) PERFORATIONS: Perforated? Y Yes D No Type of perforator used Mills | | ······································ |
| SIZE of perforations $\frac{1}{2}$ in. by $\frac{1}{2}$ in. | · · · · · · · · · · · · · · · · · · · | <u> </u> |
| ft. to | | ······ |
| perforations from ft. to ft. to ft. to ft. | | <u></u> |
| perforations from | | 3/10 |
| | | <u> </u> |
| (8) SCREENS: Well screen installed Yes T No Manufacturer's Name | | |
| Type | ; | . مدينة الم <u>مسية</u> . ر |
| Slot size ft. to ft. to ft. | | |
| Diam Slot size Set from ft. to ft. | Work started 9/78 19 67 Completed 72/5 1 | 1967 |
| (9) CONSTRUCTION: | (13) PUMP : | |
| Was well gravel packed? Yes No Size of gravel: | Manufacturer's Name Johnston | |
| Gravel placed from ft. to ft. | Type: Turbine HP. 40 | |
| Was a surface seal provided? 🗋 Yes 🗌 No To what depth? ft. Material used in seal | | · · |
| Did any strata contain unusable water? M Yes 🗌 No | Well Driller's Statement: | |
| Type of water? Depth of strata | This well was drilled under my jurisdiction and this report true to the best of my knowledge and belief. | ort 1s |
| Method of sealing strata off AS per Log | NAME CREEKerer | · |
| (10) WATER LEVELS: | (Person, firm, or corporation) (Type or print) | ······································ |
| Static level 147 /? ft/below land surface Date Dec. 5 Artesian pressure / lbs. per square inch Date 1961 | Address 1322 W. Pine PO Box 1036 Walla | Walla |
| Artesian pressure / Ibs. per square inch_Date _ 1961 | Driller's well number | |
| Log Accepted by: | [Cimod] | i in the second s |
| [Signed] that he Date 12 -14 19/1 | [Signed] | |
| (Owner) | License No205 | 61 |
| (USE ADDITIONAL SHI | in an | ····· |
| | | |

STATE OF OREGON

COUNTY OF UMATILLA

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

ROGER W. KENTCH ROUTE 1, BOX 109 TOUCHET, WASHINGTON 99360

confirms the right to use the waters of A WELL in the PINE CREEK BASIN for the purpose of PRIMARY IRRIGATION OF 3.1 ACRES AND SUPPLEMENTAL IRRIGATION OF 137.6 ACRES.

The right has been perfected under Permit G-9605. The date of priority is JULY 6, 1981, FOR 0.56 CFS AND MARCH 1, 1982, FOR 0.11 CFS. The right is limited to not more than 0.67 CUBIC FOOT PER SECOND or its equivalent in case of rotation, measured at the well.

The well is located as follows:

LOT 3 (NE 1/4 NW 1/4), SECTION 23, T 6 N, R 33 E, W.M.; 170 FEET NORTH AND 690 FEET WEST FROM THE NORTH 1/4 CORNER OF SECTION 23.

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, shall be limited to ONE-EIGHTIETH of one cubic foot per second per acre, or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed 3.0 acre-feet per acre for each acre irrigated during the irrigation season of each year. The right shall be limited to any deficiency in the available supply of any prior right existing for the same land and shall not exceed the limitation allowed herein.

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

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

| | | | | PRIMARY | SUPPLI | EMENTAL |
|------------|------|----------|---------|-----------|--------|---------|
| | | | | | | |
| LOT | 1 (1 | NE 1/4 N | E 1/4) | | 5.7 | ACRES |
| LOT | 2 (1 | NW 1/4 N | E 1/4) | | 39.0 | ACRES |
| | | SW 1/4 N | | | 12.6 | ACRES |
| LOT | 3 (1 | NE 1/4 N | W 1/4) | | 36.3 | ACRES |
| LOT | 4 (1 | NW 1/4 N | N 1/4) | | 41.8 | ACRES |
| LOT | 5 (8 | SW 1/4 N | N 1/4) | 1.6 ACRES | | |
| LOT | 6 (8 | SE 1/4 N | N 1/4) | 1.5 ACRES | 2.2 | ACRES |
| | SEC | CTION 23 | | | | |
| TOWNSHIP 6 | NORT | TH, RANG | E 33 EA | ST, W.M. | | |

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.

WITNESS the signature of the Water Resources Director, affixed this date NOVEMBER 13, 1989.

AN WITTAN H. YOUNG

Water Resources Director

Recorded in State Record of Water Right Certificates numbered 62697

G-10427.JW



- Primary - Supplemental

UMAT 57851

WELL I.D. # L

| | | | · | | | | <u></u> | |
|--|---|-------------------|---------------------------------------|---------------------|--|-----------------|--|----------------|
| (1) LAND OWNE Name | Heilberg | -Wilson | mber | (9) LOCATION | OF WELL by leg | al description: | onsitude | |
| Address | 1 | | | Townshin | Latitude | 33 | E or W | WM |
| City | Stat | e | Zip | Section 23 | NEN | A NW I | 14 | |
| (2) TYPE OF WO | RK | | · · · · · · · · · · · · · · · · · · · | 1 2 | _LotB | | | |
| New Well Deep | ening Alteration | (repair/reconditi | on) Abandonment | | f Well (or nearest addr | | | |
| (3) DRILL METH | OD: | | | | | | | |
| Rotary Air Rol | | Auger | | (10) STATIC WA | | | | |
| Other | | | | | below land surface | | Date | |
| (4) PROPOSED U | | | | Artesian pressure | lb.p | er square inch | Date | |
| Domestic Con | | | | (11) WATER BE | ARING ZONES: | | | |
| (5) BORE HOLE | ONCTOLICTION | J. | | Depth at which wate | r was first found | | | |
| (5) BUKE HULE | | Denth of Co | mpleted Well <u>915</u> ft. | From | To | Estimated I | | SWL |
| Explosives used Ye | s 🗆 No Type | An | nount | From | | Estimated | TOW ROLLE | SWL |
| HOLE | | AL | | 1 | | | | ┢─── |
| Diameter From To | Material F | rom To | Sacks or pounds | | | | ······································ | f |
| | | | | | - | | λ. | <u> </u> |
| | + | | | | | | | |
| | - <u> </u> | | | (12) WELL LOG | | | | |
| How was seal placed: | Method A | | C DD DE | | round Elevation | · | | |
| Other | · · · · · · · · · · · · · · · · · · · | | | | 4 | T | 1 | CIV/ |
| Backfill placed from _ | | | | | terial | From | To | SWL |
| Gravel placed from | and the second se | ft. Size of | gravel | Nearby We | | | <u> </u> | <u> </u> |
| (6) CASING/LINE | R: rom To Gauge S | teel Plastic | Welded Threaded | 130 feat | and the second sec | | | <u> </u> |
| Casing: | | | | | 5. orednin | | | <u> </u> |
| Custurg: | | | | basalt. | | | | <u>├</u> |
| | | | | Preserce. | | | | |
| ι | | | | | | ~ | 1 | |
| Liner: | | | | | | | · · | |
| | | | | | | | | |
| Drive Shoe used II In Final location of shoe(| | | 1 | | •7 | REAL | | |
| (7) PERFORATIO | | | | | | I TUE | 1/m | |
| Perforations | and the second | | | | | AUG | 150 | ļ |
| C screens | | Mau | eriai | | · · · · · · · · · · · · · · · · · · · | | 11 | l |
| - | ot | Tele/pip | | | | RECE AUG OG | P/Z | |
| From To s | ze Number Diam | eter size | Casing Liner |]} | | - WAN | | |
| | | | | | | + | | l |
| | | ~ | | [| | + | | |
| | | - | | | | | | <u> </u> |
| | | | | Date started | · · · · · | ompleted | <u> </u> | . |
| (8) WELL TESTS: | Minimum testing | time is 1 ho | Flowing | Date started | U | Supreted | | |
| 🗆 Pump 🛛 | Bailer 🗍 | Air | Artesian | i 11 | · . | | |] |
| Yield gal/min | Drawdown D | rill stem at 🗍 | Time | SOURCE | OF DATA/I | NFO | | |
| | | | i hr. | | G-10427 | | Ballon | 5 |
| | <u>_</u> | | · | Cent fu | | | <u></u> | · · · · |
| L_ | <u> </u> | | 1 | _ LEFT pl | arc work | I | | |
| femperature of water_ | Depth A | rtesian Flow I | Found | | <u> </u> | <u> </u> | | <u>ن میں م</u> |
| Was a water analysis d | | | · · · · · | | D DV. 10 | Alea A | 000 | |
| Did any strata contain | | | | COMPILE | D BY: Jen | woody, a | OWRD | |
| 🗋 Salty 🛛 Muddy | | red 🗌 Other | · | | | | <u> </u> | |
| Depth of strata: | ····· | | | | 2-0 | | | <u></u> |
| | | | | DATE | 8-2-2 | .017 | | |

WELL INFORMATION REPORT

11/16/2000