CLAIM OF BENEFICIAL USE for Transfer with Multiple Changes - Groundwater

OREGON WATER RESOURCES DEPARTMENT
Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-0900
www.oregon.gov/OWRD

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A fee of $230 must accompany this form for any Transfer final orders including a water right with a priority date of July 9, 1987, or later.
Example – A transfer involves 5 rights and one of the rights has a priority date of July 9, 1987, or later, the fee is required.

A separate form shall be completed for each transfer.

This form is subject to revision. **Begin each new claim** by checking for a new version of this form at:
https://www.oregon.gov/OWRD/Forms/Pages/default.aspx
The completion of this form is required by OAR 690-014-0100(1) and 690-014-0110(4).

Please type or print in dark ink. If this form is found to contain errors or omissions, it may be returned to you. **Every item must have a response.** If any requested information does not apply to the claim, insert "NA." **Do not delete or alter any section of this form unless directed by the form.** The Department may require the submittal of additional information from any water user or authorized agent.

"Section 7" of this form is intended to aid in the completion of this form and should not be submitted.

A claim of beneficial use includes both this report and a map. If the map is being mailed separately from this form, please include a note with this form indicating such.

If you have questions regarding the completion of this form, please call 503-979-9103.

The Department has a program that allows it to enter into a voluntary agreement with an applicant for expedited services. Under such an agreement, the applicant pays the cost to hire additional staff that would not otherwise be available. This program means a certificate may be issued in about a month. For more information on this program see:
https://www.oregon.gov/OWRD/programs/WaterRights/RA/Pages/default.aspx

GENERAL INFORMATION

Type of Authorized Change

This Claim is being submitted for a transfer involving multiple changes. **YES**
Mark all that apply:

1. ☒ Change in POA(s) or Additional POA(s)
2. ☒ Change in Place of Use
3. ☐ Change in Character of Use

A separate section will be completed for each type of change authorized in the transfer final order.

1. File Information

APPLICATION #
T-13122

2. Property Owner (current owner information)

Applicant/Business Name	Phone No.	Additional Contact No.
Buckley Church, Church Family Farms, Inc	541-408-6747	

Address			
PO Box 751			
City	State	Zip	E-Mail
Christmas Valley	OR	97641	Buckley.Church@gmail.com

If the current property owner is not the transfer holder of record, it is recommended that an assignment be filed with the Department. ***Each*** *transfer holder of record must sign this form.*

3. Transfer holder of record (this may, or may not, be the current property owner)

Transfer Holder of Record		
Same as above		
Address		
City	State	Zip

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4. Date of Site Inspection:

July 7, 2022

5. Person(s) interviewed and description of their association with the project:

Name	Date	Association with the Project
Buck Church	July 7, 2022	Owner/Permit Holder

6. County:

LAKE

7. If any property described in the place of use of the transfer final order is excluded from this report, identify the owner of record for that property (ORS 537.230(5)):

Owner of Record		
NA		
Address		
City	State	Zip

Add additional tables for owners of record as needed

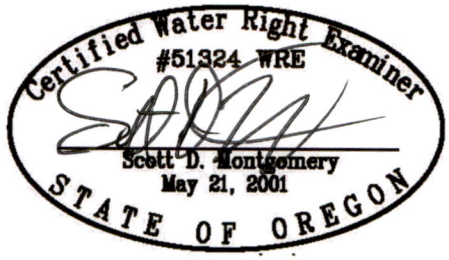
SECTION 2

SIGNATURES

CWRE Statement, Seal and Signature

The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge.

Seal and Signature



Renewal 12/31/2022

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CWRE NAME		PHONE NO.	ADDITIONAL CONTACT NO.
Scott D Montgomery		**541-548-5833**	**541-420-0401**
ADDRESS **PO Box 767**			
CITY **Terrebonne**	STATE **OR**	ZIP **97760**	E-MAIL **scott@apeands.com**

Transfer Holder of Record Signature or Acknowledgement

Each *transfer holder of record must sign this form in the space provided below.*

The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge. I request that the Department issue a water right certificate.

SIGNATURE	PRINT OR TYPE NAME	TITLE	DATE
Buckley Church	**Buckley Church**	**President, Church Family Farms, Inc**	8/20/22

SECTION 3

Changes Made

Note: The Claim only needs to describe the changes that were authorized in the transfer final order.

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Change #1

Change in POA(s) or Additional POA(s)

Did the transfer order authorize a change in the points of appropriation or additional points of appropriation? YES

1. New or additional point of appropriation name or number:

POINT OF APPROPRIATION (POA) NAME OR NUMBER (CORRESPOND TO MAP)	WELL LOG ID # FOR ALL WORK PERFORMED ON THE WELL (IF APPLICABLE)	WELL TAG # (IF APPLICABLE)	SOURCE (IF LISTED IN TRANSFER FINAL ORDER)
#4	LAKE 1411		Fort Rock Basin
#5	LAKE 51631	L-73684	Fort Rock Basin
#6	LAKE 50469	L-18101	Fort Rock Basin
Well A	LAKE 687		Fort Rock Basin
#8	LAKE 1369		Fort Rock Basin

Attach each well log available for the well (include the log for the original well and any subsequent alterations, reconstructions, or deepenings)

2. Variations:

Was the use developed differently from what was authorized by the transfer final order, or extension final? NO

If yes, describe below.

(e.g. *"The order allowed three new/additional points of appropriation. The water user only developed one of the points."*)

3. Claim Summary:

New or Additional POA Name or #	Maximum Rate Authorized	Calculated Theoretical Rate Based on System	Amount of Water Measured
#4	0.31 cfs	5.00 cfs	Not available
#5	0.68 cfs	2.16 cfs	Not available
#6	0.39 cfs	1.27 cfs	Not available
Well A	1.54 cfs	2.33 cfs	Not available
#8	0.20 cfs	2.15 cfs	2.23 cfs

System Description

Are there multiple new or additional Points of Appropriation (POA)? YES

POA Name or Number this section describes (only needed if there is more than one):

#4 (LAKE 1411)

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A. POA System Information

Provide the following information concerning the point of appropriation. Information provided must describe the equipment used to appropriate water from the point of appropriation.

1. Pump Information

Manufacturer	Model	Serial Number	Type (centrifugal, turbine or submersible)	Intake Size	Discharge Size
Valley	UNK	UNK	Turbine	12"	8"

2. Motor Information

Manufacturer	Horsepower
Fairbanks Morse	175

3. Theoretical Pump Capacity

Horsepower	Operating PSI	Lift from Source to Pump *If a well, the water level during pumping	Lift from Pump to Place of Use	Total Pump Output (in cfs)
175	30	150'	20'	5.00

4. Provide pump calculations:

$Q = \frac{7.04 \text{ ft4/5/hp x hp}}{\text{Total head, ft}} = \frac{(7.04)(175)}{246.2} = 5.00 \text{ cfs}$

Total head = 76.2' + 150' + 20' = 246.2'

5. Measured Pump Capacity (using meter if meter was present and system was operating)

Initial Meter Reading	Ending Meter Reading	Duration of Time Observed	Total Pump Output (in cfs)
Not available			

Reminder: For pump calculations use the reference information at the end of this document.

6. Additional notes or comments related to the system:

The flowmeter found was a Lindsay Zimmatic Fieldnetystem that reports to the user's mobile phone app.

B. Groundwater Source Information (Well and Sump)

1. Is the appropriation from a dug well (sump)? NO

POA Name or Number this section describes (only needed if there is more than one):

#5 (LAKE 51631)

A. POA System Information

Provide the following information concerning the point of appropriation. Information provided must describe the equipment used to appropriate water from the point of appropriation.

1. Pump Information

Manufacturer	Model	Serial Number	Type (centrifugal, turbine or submersible)	Intake Size	Discharge Size
Fairbanks Morse	UNK	418317	Turbine	14"	8"

2. Motor Information

Manufacturer	Horsepower
Nidec	125

3. Theoretical Pump Capacity

Horsepower	Operating PSI	Lift from Source to Pump *If a well, the water level during pumping	Lift from Pump to Place of Use	Total Pump Output (in cfs)
125	40	300'	5'	2.16

4. Provide pump calculations:

$Q = \frac{7.04 \text{ ft4/5/hp} \times \text{hp}}{\text{Total head, ft}} = \frac{(7.04)(125)}{246.2} = 2.16 \text{ cfs}$

Total head = 101.6' + 300' + 5' = 406.6'

5. Measured Pump Capacity (using meter if meter was present and system was operating)

Initial Meter Reading	Ending Meter Reading	Duration of Time Observed	Total Pump Output (in cfs)
Not available			

Reminder: For pump calculations use the reference information at the end of this document.

6. Additional notes or comments related to the system:

Flowmeter found was a Lindsay Zimmatic Fieldnet system that reports usage to the user's mobile phone app.

B. Groundwater Source Information (Well and Sump)

1. Is the appropriation from a dug well (sump)? NO

POA Name or Number this section describes (only needed if there is more than one):

#6 (LAKE 50469)

A. POA System Information

Provide the following information concerning the point of appropriation. Information provided must describe the equipment used to appropriate water from the point of appropriation.

1. Pump Information

Manufacturer	Model	Serial Number	Type (centrifugal, turbine or submersible)	Intake size	Discharge size
Fairbanks Morse	UNK	UNK	Turbine	16"	8"

2. Motor Information

Manufacturer	Horsepower
US Electric	50

3. Theoretical Pump Capacity

Horsepower	Operating PSI	Lift from Source to Pump *If a well, the water level during pumping	Lift from Pump to Place of Use	Total Pump Output (in cfs)
50	30	200'	0'	1.27

4. Provide pump calculations:

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$Q = \frac{7.04 \text{ ft}4/5/\text{hp} \times \text{hp}}{\text{Total head, ft}} = \frac{(7.04)(50)}{276.2} = 1.27 \text{ cfs}$

Total head = 76.2' + 200' + 0' = 276.2

5. Measured Pump Capacity (using meter if meter was present and system was operating)

Initial Meter Reading	Ending Meter Reading	Duration of Time Observed	Total Pump Output (in cfs)
Not available			

Reminder: For pump calculations use the reference information at the end of this document.

6. Additional notes or comments related to the system:

Flow meter found was a Lindsay Zimmatic Fieldnet system on the center pivot sprinkler that reports usage to the user's mobile phone app.

B. Groundwater Source Information (Well and Sump)

1. Is the appropriation from a dug well (sump)? NO

POA Name or Number this section describes (only needed if there is more than one):

Well A (LAKE 687)

A. POA System Information

Provide the following information concerning the point of appropriation. Information provided must describe the equipment used to appropriate water from the point of appropriation.

1. Pump Information

Manufacturer	Model	Serial Number	Type (centrifugal, turbine or submersible)	Intake size	Discharge size
Welline	UNK	UNK	Turbine	16"	8"

2. Motor Information

Manufacturer	Horsepower
BMR	100

3. Theoretical Pump Capacity

Horsepower	Operating PSI	Lift from Source to Pump *If a well, the water level during pumping	Lift from Pump to Place of Use	Total Pump Output (in cfs)
100	40	200'	0'	2.33

4. Provide pump calculations:

$Q = \frac{7.04 \text{ ft}4/5/\text{hp} \times \text{hp}}{\text{Total head, ft}} = \frac{(7.04)(100)}{301.6} = 2.33 \text{ cfs}$

Total head = 101.6 + 200' + 0' = 301.6'

5. Measured Pump Capacity (using meter if meter was present and system was operating)

Initial Meter Reading	Ending Meter Reading	Duration of Time Observed	Total Pump Output (in cfs)
Not available			

Reminder: For pump calculations use the reference information at the end of this document.

6. Additional notes or comments related to the system:

Flow meter found was a Lindsay Zimmatic Fieldnet system on the center pivot sprinkler that reports usage to the user's mobile phone app.

B. Groundwater Source Information (Well and Sump)

1. Is the appropriation from a dug well (sump)? NO

POA Name or Number this section describes (only needed if there is more than one):

Well 8 (LAKE 1369)

A. POA System Information

Provide the following information concerning the point of appropriation. Information provided must describe the equipment used to appropriate water from the point of appropriation.

1. Pump Information

Manufacturer	Model	Serial Number	Type (centrifugal, turbine or submersible)	Intake Size	Discharge Size
Welline	UNK	UNK	Turbine	10"	8"

2. Motor Information

Manufacturer	Horsepower
US Motors	60

3. Theoretical Pump Capacity

Horsepower	Operating PSI	Lift from Source to Pump *If a well, the water level during pumping	Lift from Pump to Place of Use	Total Pump Output (in cfs)
60	30	120'	0'	2.15

4. Provide pump calculations:

$Q = \frac{7.04 \text{ ft}4/5/\text{hp} \times \text{hp}}{\text{Total head, ft}} = \frac{(7.04)(60)}{196.2} = 2.15 \text{ cfs}$

Total head = 76.2 + 120' + 0' = 196.2'

5. Measured Pump Capacity (using meter if meter was present and system was operating)

Initial Meter Reading	Ending Meter Reading	Duration of Time Observed	Total Pump Output (in cfs)
290744.8 gal X 1000	290749.8 gal x 1000	5 min	2.23

Reminder: For pump calculations use the reference information at the end of this document.

6. Additional notes or comments related to the system:

B. Groundwater Source Information (Well and Sump)

1. Is the appropriation from a dug well (sump)? NO

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Change #2

Change in Place of Use

Did the transfer order authorize a change in the place of use? **YES**

1. Claim Summary – Authorized Use:

If Irrigation or Nursery Use:

THE # OF ACRES ALLOWED	THE # OF ACRES DEVELOPED
233.3	**233.3**

If the new use(s) was not irrigation or nursery:

NEW USE(S)	WAS THE NEW PLACE OF USE DEVELOPED TO THE FULL EXTENT AUTHORIZED UNDER THE ORDER? (INCLUDE THE LOCATION OF THE DEVELOPED PLACE USE ON THE CLAIM MAP)
	NA

2. Variations:

Was the use developed differently from what was authorized by the transfer final order? **NO**

If yes, describe below.

(e.g. *"The order authorized a change in place of use for 40 acres. The water user only developed 38 acres."*)

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Change #3

Change in Character of Use

Did the transfer order authorize a change in character of use? **NO**

SECTION 4

CONDITIONS

All conditions contained in the transfer final order, or any extension final order shall be addressed. Reports that do not address all performance related conditions will be returned.

1. Time Limits:

Describe how the water user has complied with each of the development timelines established in the transfer final order and any extensions of time issued for the transfer:

	Date from Transfer	Date the Authorized Changes Were Completed *This Date Must Fall Between The "Issuance Date" And The "Completeness Date"
Issuance Date	5/4/2021	
Completeness Date From Order (C)	10/1/2022	7/7/2022

* MUST BE WITHIN PERIOD BETWEEN TRANSFER FINAL ORDER, OR ANY EXTENSION FINAL ORDER ISSUANCE AND THE DATE TO COMPLETE THE CHANGE

2. Is there an extension final order(s)? **NO**

3. Measurement Conditions:

a. Does the transfer final order, or any extension final order require the installation of a meter or other approved measuring device? **YES**

b. Has a meter been installed? **YES**

c. Meter Information

POA Name or #	Manufacturer	Serial #	Condition (working or not)	Current Meter Reading	Date Installed
#4	Lindsay Field Net	0002ED40	Not Running	UNK	Unk
#5	Lindsay Field Net		Not Running	UNK	Unk
#6	Lindsay Field Net		Not Running	UNK	Unk
Well A	Lindsay Field Net	0002A84	Not Running	UNK	Unk
#8	Lindsay Growsmart	GT18082694	Running	290749.8 galx1000	Unk

4. Recording and reporting conditions

5. Other conditions required by the transfer final order or extension final order:

a. Were there special well construction standards? **NO**

b. Was submittal of a ground water monitoring plan required? **NO**

c. Other conditions? **NO**

If "YES" to any of the above, identify the condition and describe the water user's actions to comply with the condition(s):

SECTION 5

ATTACHMENTS

Provide a list of any additional documents you are attaching to this report:

ATTACHMENT NAME	DESCRIPTION
Well logs	LAKE 1411, 51631, 50469, 687 & 1369
Aerial imagery	USDA/FSA photo from June 2020

SECTION 6

CLAIM OF BENEFICIAL USE MAP

The Claim of Beneficial Use Map must be submitted with this claim. Claims submitted without the Claim of Beneficial Use map will be returned. The map shall be submitted on poly film at a scale of 1" = 1320 feet, 1" = 400 feet, or the original full-size scale of the county assessor map for the location.

The changes that were authorized under the transfer final order must be mapped based on the developed locations; new or additional points of appropriation and place of use.

In cases where the order involved additional points of appropriation, the additional points should be mapped based on their developed locations. The original points of appropriation should be mapped based on the original right of record at the time the transfer final order was issued.

In cases where the order involved changing the place of use for a portion of a water right, the portion of the place of use being changed should be mapped based on the developed location. If the transfer also included portions of the place of use that were not being modified, but were receiving a new or additional point of appropriation, the place of use for those lands should be mapped based on the original right of record at the time the transfer final order was issued.

Provide a general description of the survey method used to prepare the map. Examples of possible methods include, but are not limited to, a traverse survey, GPS, or the use of aerial photos. If the basis of the survey is an aerial photo, provide the source, date, series and the aerial photo identification number.

The irrigations system and place of use were tied to approx.. boundaries using a Trimble GeoXT 6000 GIS data collector . Point data was imported to Trimble Pathfinder software and converted to Statewide Lambert Projection. Point data was compared with recent aerial imagery for accuracy.

Map Checklist

Please be sure that the map you submit includes ALL the items listed below.
(Reminder: Incomplete maps and/or claims may be returned.)

- ☒ Map on polyester film
- ☒ Appropriate scale (1" = 400 feet, 1" = 1320 feet, or the original full-size scale of the county assessor map)
- ☒ Township, Range, Section, Donation Land Claims, and Government Lots
- ☒ If irrigation, number of acres irrigated within each projected Donation Land Claims, Government Lots, Quarter-Quarters
- ☐ Locations of fish screens and/or fish by-pass devices in relationship to point of diversion
- ☒ Locations of meters and/or measuring devices in relationship to point of diversion or appropriation
- ☒ Conveyance structures illustrated (pumps, reservoirs, pipelines, ditches, etc.)
- ☒ Point(s) of diversion or appropriation (illustrated and coordinates)
- ☒ Tax lot boundaries and numbers
- ☐ Source illustrated if surface water
- ☒ Disclaimer ("This map is not intended to provide legal dimensions or locations of property ownership lines")
- ☒ Application and permit number or transfer number
- ☒ North arrow
- ☒ Legend
- ☒ CWRE stamp and signature

NOTICE TO WATER WELL CONTRACTOR
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.

Lake 1411

WATER WELL REPORT
STATE OF OREGON
(Please type or print)

(Do not write above this line)

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APR 19 1978
WATER RES DEPT.

State Well No. ~~165/28E-21Cbd~~ 16S/28E 21Cbd
State Permit No.

(1) OWNER:
Name Zane Church
Address Box 56
Silver Lake Ore

(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 ☐

CASING INSTALLED: Threaded ☐ Welded ☒
12" Diam. from 0 ft. to 20 ft. Gage .250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

PERFORATIONS: Perforated? ☐ Yes ☒ No.
Type of perforator used
Size of perforations in. by in.
perforations from ft. to 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?
Yield: gal./min. with ft. drawdown after hrs.
" " "
"Tested w/Air 600+ gpm" "
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m. to be determined later by pump test.
Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:
Well seal—Material used Cement
Well sealed from land surface to 19 ft.
Diameter of well bore to bottom of seal 15 in.
Diameter of well bore below seal 12¼ in.
Number of sacks of cement used in well seal 7 sacks
How was cement grout placed? poured

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

(10) LOCATION OF WELL:
County Lake Driller's well number
SE ¼ NW¼ Section 21 T. 16 R. 28 W.M.
Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.
Depth at which water was first found 120 ft.
Static level 16' 8" ft. below land surface. Date 3/15/78
Artesian pressure lbs. per square inch. Date

(12) WELL LOG: Diameter of well below casing 8 12¼
Depth drilled 150 ft. Depth of completed well 145 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 clay + soil	0	2	
Yellow claystone	2	13	
Blue-Gray claystone	13	120	
Blue basalt	120	140	
Basalt Chunks - Red Cinders	140	150	

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OCT 12 1978
WATER RESOURCES DEPT.
SALEM, OREGON

Work started 3/13/78 19 Completed 3/15 1978
Date well drilling machine moved off of well 3/15 1978

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] Bert Jones Date 3/18, 1978
(Drilling Machine Operator)
Drilling Machine Operator's License No. 158

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 Bert Jones
(Person, firm or corporation) (Type or print)
Address 29404 Santiam Hwy Lebanon Ore
[Signed] Bert Jones
(Water Well Contractor)
Contractor's License No. 514 Date 3/18/78, 19

(USE ADDITIONAL SHEETS IF NECESSARY)

SP*45656-119

LAKE 51051

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

WELL I.D. # L 73684
START CARD # 172255

Instructions for completing this report are on the last page of this form.

(1) LAND OWNER Well Number 1
Name Cowger Mnt Cattle Co.
Address PO Box 598
City Christmas Valley State OR Zip 97641

(2) TYPE OF WORK
☒ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:
☒ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger
☐ Other

(4) PROPOSED USE:
☐ Domestic ☐ Community ☐ Industrial ☒ Irrigation
☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval ☐ Yes ☒ No Depth of Completed Well 325 ft.
Explosives used ☐ Yes ☒ No Type Amount

HOLE Diameter	From	To	SEAL Material	From	To	Sacks or pounds
22	0	75	Cement	45	75	30 sacks
14	75	140	Hole Plug	23	45	37 sacks Bent
10	BRS		Grout	0	23	40 sacks Bent
10	140	325				

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E
☒ Other Pump Using Tremie / Bent Poured Dry
Backfill placed from ft. to ft. Material
Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	14	+15	75	.250	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:	NONE				☐	☐	☐	☐
					☐	☐	☐	☐

Drive Shoe used ☐ Inside ☐ Outside ☐ None
Final location of shoe(s)

(7) PERFORATIONS/SCREENS:
☐ Perforations Method NONE
☐ Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
	NONE					☐	☐
						☐	☐
						☐	☐
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
1500+	Unknown	320	~~1 hr.~~ 3 hrs

Temperature of water 61° Depth Artesian Flow Found
Was a water analysis done? ☐ Yes By whom
Did any strata contain water not suitable for intended use? ☐ Too little
☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other
Depth of strata:

(9) LOCATION OF WELL by legal description:
County Lake Latitude Longitude
Township 27 S N or S Range 15 E or W. WM.
Section 25 SE 1/4 SE 1/4
Tax Lot 1800 Lot Block Subdivision
Street Address of Well (or nearest address) Oil Dry Lane Christmas Valley

(10) STATIC WATER LEVEL:
10 ft. below land surface. Date 4-28-05
Artesian pressure lb. per square inch Date

(11) WATER BEARING ZONES:
Depth at which water was first found 290

From	To	Estimated Flow Rate	SWL
290	325	1500+	10

(12) WELL LOG:
Ground Elevation

Material	From	To	SWL
Top Soil	0	5	
Tan Claystone	5	40	10
Hard Grey Claystone	40	193	"
Hard Green Claystone	193	290	"
Frac. Black lava w/ B	290	325	"

RECEIVED
SEP 13 2022
OWRD

RECEIVED
MAY 05 2005
WATER RESOURCES DEPT
SALEM, OREGON

Date started 4-26-05 Completed 4-28-05

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
Signed Jeff DeVilde / Helper WWC Number Date 4-28-05

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.
Signed Daniel N Davis WWC Number 577 Date 4-28-05

ORIGINAL – WATER RESOURCES DEPARTMENT FIRST COPY – CONSTRUCTOR SECOND COPY – CUSTOMER

RECEIVED

SEP 30 1997

WELL I.D.# L18101

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)
Instructions for completing this report are on the last page of this form.

WATER RESOURCES DEPT.
SALEM, OREGON

lake
50469

(START CARD) # 88470

(1) OWNER: Well Number

Name Cougar Mt. Cattle Co.

Address P.O. Box 598

City Christmas Valley State Oregon Zip 97641

(2) TYPE OF WORK

[x] New Well [ ] Deepening [ ] Alteration (repair/recondition) [ ] Abandonment

(3) DRILL METHOD:

[x] Rotary Air [ ] Rotary Mud [ ] Cable [ ] Auger

[ ] Other

(4) PROPOSED USE:

[ ] Domestic [ ] Community [ ] Industrial [x] Irrigation

[ ] Thermal [ ] Injection [ ] Livestock [ ] Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval [ ] Yes [x] No Depth of Completed Well 420 ft.

Explosives used [ ] Yes [x] No Type _____ Amount _____

HOLE Diameter	From	To	SEAL Material	From	To	Sacks or pounds
18	0	19	Portland cement	0	19	16 sacks
14	19	190				
8.25	100	420				

How was seal placed: Method [ ] A [ ] B [x] C [ ] D [ ] E

[ ] Other

Backfill placed from _____ ft. to _____ ft. Material _____

Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	14	+1	19	.250	[x]	[ ]	[ ]	[ ]
					[ ]	[ ]	[ ]	[ ]
					[ ]	[ ]	[ ]	[ ]
					[ ]	[ ]	[ ]	[ ]
Liner:	NONE				[ ]	[ ]	[ ]	[ ]
					[ ]	[ ]	[ ]	[ ]

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

[ ] Perforations Method _____

[ ] Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
NONE						[ ]	[ ]
						[ ]	[ ]
						[ ]	[ ]
						[ ]	[ ]
						[ ]	[ ]

(8) WELL TESTS: Minimum testing time is 1 hour

[ ] Pump [ ] Bailer [x] Air [ ] Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
1000+		200	1 hr.

Temperature of water 50° Depth Artesian Flow Found _____

Was a water analysis done? [ ] Yes By whom _____

Did any strata contain water not suitable for intended use? No [x] Too little

[ ] Salty [ ] Muddy [ ] Odor [ ] Colored [ ] Other _____

Depth of strata: _____

(9) LOCATION OF WELL by legal description:

County Lake Latitude _____ Longitude _____

Township 27 ~~N or~~ S Range 16 E ~~or W~~. WM.

Section 25 NW 1/4 SW 1/4

Tax Lot 2400 Lot _____ Block _____ Subdivision _____

Street Address of Well (or nearest address) OFF Old Lake Rd

(10) STATIC WATER LEVEL:

36 ft. below land surface. Date 9-17-97

Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 390

From	To	Estimated Flow Rate	SWL
390	395	1000+	36
397	420	"	36

(12) WELL LOG:

Ground Elevation _____

Material	From	To	SWL
Top Soil Sandy Ben	0	2	
Clay Brown	2	26	
Clay gray	26	190	
Sand Black Fine	390	395	36
Cinders Black	395	397	
Rock Black Broken Hard	397	420	36

RECEIVED
SEP 13 2022
OWRD

Date started 9-4-97 Completed 9-17-97

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

WWC Number _____

Signed _____ Date _____

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.

WWC Number 657

Signed Claude Blackman Date 9-17-97

STATE OF OREGON

WATER WELL REPORT

(as required by ORS 537.765)

Lake 1369

RECEIVED JUN 22 1987 WATER RESOURCES DEPT. SALEM, OREGON

JUL 20 1987 WATER RESOURCES DEPT. SALEM, OREGON

28s/16E-1 bcdac

Owner's Well Number

(1) OWNER:

Name ZANE CHURCH

Address Star RT

City SILVER LAKE State Or Zip

(2) TYPE OF WORK:

☑ New Well ☐ Deepen ☐ Recondition ☐ Abandon

(3) DRILL METHOD:

☑ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Other

(4) PROPOSED USE:

☐ Domestic ☐ Community ☐ Industrial ☑ Irrigation

☐ Thermal ☐ Injection ☐ Other

BORE HOLE CONSTRUCTION:

Depth of Completed Well ____ ft.

Special Standards date of approval ____

HOLE Diameter	From	To	SEAL Material	From	To	Amount sacks or pounds
	0	59	Cement	0	59	2.5 Sacks

14 in hole to 160 ft

8 in hole from 160 ft to 260 ft

How was seal placed? Method ☐ A ☐ B ☒ C ☐ D ☐ E

☐ Other

Backfill placed from ____ ft. to ____ ft. Material ____

Gravel placed from ____ ft. to ____ ft. Size of gravel ____

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	14	1 ft above ground	59	250	☑	☐	☑	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s) ____

PERFORATIONS/SCREENS:

☐ Perforations Method ____

☐ Screens Type ____ Material ____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour

☐ Pump ☐ Bailer ☑ Air ☐ Flowing Artesian

Yield gal/min	Pumping level	Drill stem at	Time
1008		166	½ hr
			1 hr

Temperature of water ____ Depth Artesian Flow Found ____

Was a water analysis done? ☐ Yes By whom ____

Did any strata contain water not suitable for intended use? ☐ Too little

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other ____

Depth of strata: ____

(9) LOCATION OF WELL by legal description:

County LAKE Latitude ____ ' ____ " Longitude ____ ' ____ "

Township 28S N or S, Range 16E E or W, WM.

Section 1 S½ SW¼ NE¼ S½ NW¼

Tax Lot ____ Lot ____ Block ____ Subdivision ____

Street Address of Well (or nearest address) ____

(10) STATIC WATER LEVEL:

25 ft. below land surface. Date May 27 87

Artesian pressure ____ lb. per square inch. Date ____

(11) WELL LOG:

Ground elevation ____

Material	From	To	WB?	SWL
BROWN CLAY	0	2		
BROWN STONE	2	26		
BLUE STONE	26	165		
14" hole to 160 ft				
BLACK BASALT	165	331	WB	
8" hole to 260				
BROWN LAVA ROCK	331	360		

RECEIVED SEP 13 2022 OWRD

Date started MAY 23 87 Completed May 27 87

(unbonded) Water Well Constructor Certification:

I constructed this well in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.

Signed Mel Search Date June 87

(bonded) Water Well Constructor Certification:

I accept responsibility for construction of this well and its compliance with all Oregon water well standards. This report is true to the best of my knowledge and belief.

Signed Mel Search Date June 87

Company ____ Co. Job No. ____

9809C 10/85

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)

Lake 687

State Well No. 26S/18E-31Q9

State Permit No. .....

(1) OWNER:

Name Mervin MORSE Morris

Address PO Box 240 Desert Inn motel Christmas Valley, Oregon 97638

(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 ☐

[redacted] ☐ Jetted ☐

Dug ☐ Bored ☐

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐

Irrigation ☑ Test Well ☐ Other ☐

(5) CASING INSTALLED:

Threaded ☐ Welded ☑

14 " Diam. from 0 ft. to 100 ft. Gage .250

[redacted] " Diam. from ..... ft. to ..... ft. Gage .....

[redacted] " Diam. from ..... ft. to ..... ft. Gage .....

(6) PERFORATIONS:

Perforated? ☐ Yes ☑ No.

Type of perforator used .....

Size of perforations ..... in. by ..... in.

..... perforations from ..... ft. to ..... 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

[redacted] a pump test made? ☐ Yes ☑ No If yes, by whom?

Yield: ..... gal./min. with ..... ft. drawdown after ..... hrs.

" " " "

" " " "

[redacted] test 1200 gal./min. with ..... ft. drawdown after 1 hrs.

Artesian flow ..... g.p.m.

Temperature of water ..... Depth artesian flow encountered ..... ft.

(9) CONSTRUCTION:

Well seal—Material used cement

Well sealed from land surface to 100 ft.

Diameter of well bore to bottom of seal 16¼ in.

Diameter of well bore below seal 10 in.

Number of sacks of cement used in well seal 34 sacks

How was cement grout placed? pressure grouted

Was a drive shoe used? ☐ Yes ☑ No Plugs ..... Size: location ..... ft.

Did any strata contain unusable water? ☐ Yes ☑ No

Type of water? ..... depth of strata .....

Method of sealing strata off .....

Was well gravel packed? ☐ Yes ☑ No Size of gravel: .....

Gravel placed from ..... ft. to ..... ft.

(10) LOCATION OF WELL:

County Lake Driller's well number 95

NE ¼ NE ¼ Section 31 T. 26S R. 18E W.M.

Bearing and distance from section or subdivision corner .....

(11) WATER LEVEL: Completed well.

Depth at which water was first found 420 ft.

Static level 18½ ft. below land surface. Date May 1-80

Artesian pressure ..... lbs. per square inch. Date .....

(12) WELL LOG:

Diameter of well below casing 10"

Depth drilled 461 ft. Depth of completed well 461 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
Brown Sand	0	3	
Diatomatious earth	3	12	
Brown clay	12	23	
dark Green clay	23	75	
black sand	75	80	
Green Clay	80	415	
white pumus gravel w/b	415	430	18½
Green Clay	430	445	
white pumus gravel w/b	445	458	18½
Green Clay	458	461	

RECEIVED SEP 13 2022 OWRD WATER RESOURCES DEPT SALEM, OREGON

RECEIVED OCT 24 1980 WATER RESOURCES DEPT SALEM, OREGON

Work started apr 30 19 80 Completed May 1 19 80

Date well drilling machine moved off of well May 1 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] Stan F Adams (Drilling Machine Operator) Date May 5, 19 80

Drilling Machine Operator's License No. 1302

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 Lyle Adams (Person, firm or corporation) (Type or print)

Address RT 3 Box 122X Hillsboro, Ore. 97123

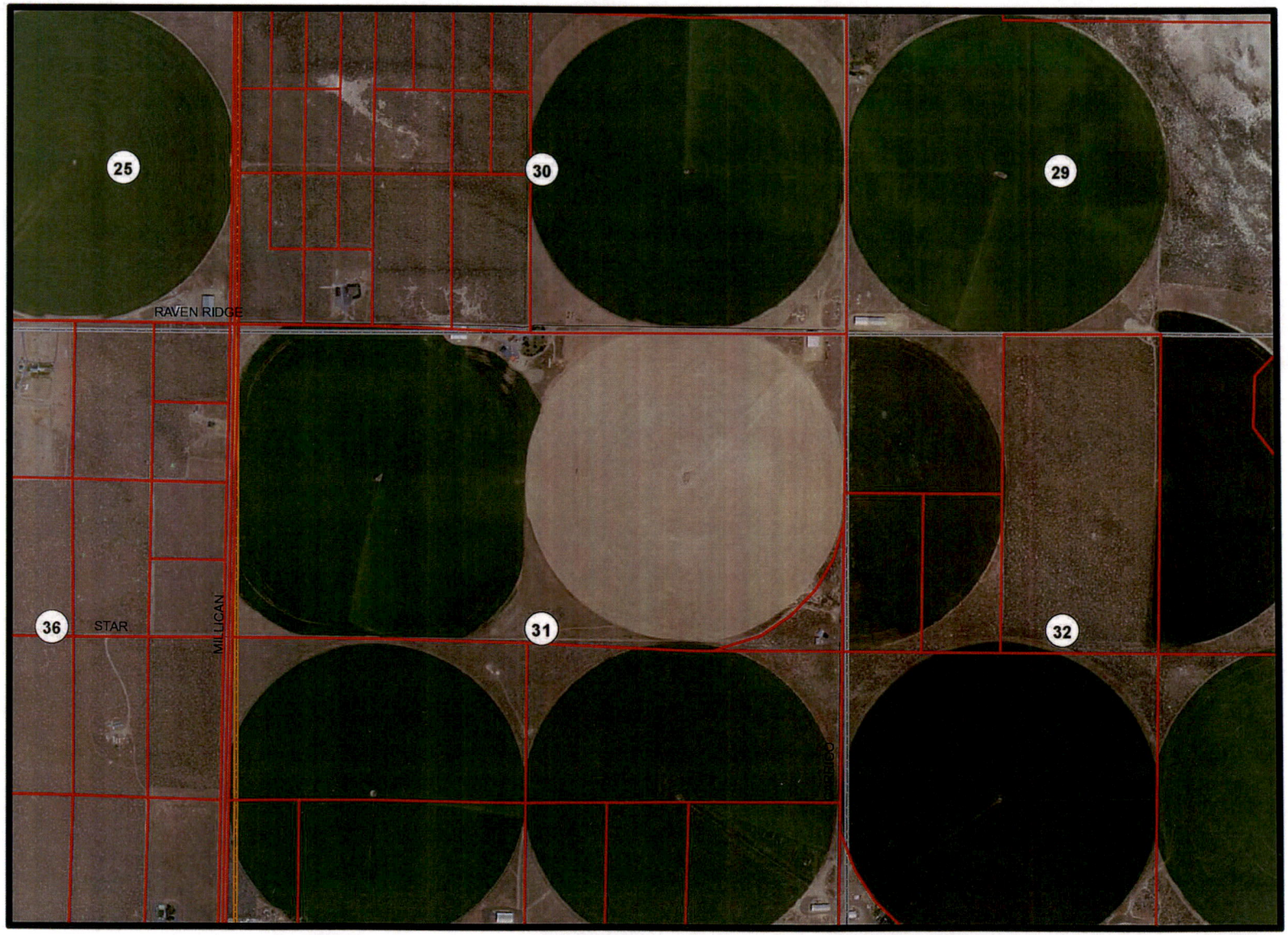
[Signed] Lyle Adams (Water Well Contractor)

Contractor's License No. 690 Date May 2, 19 80

(USE ADDITIONAL SHEETS IF NECESSARY)

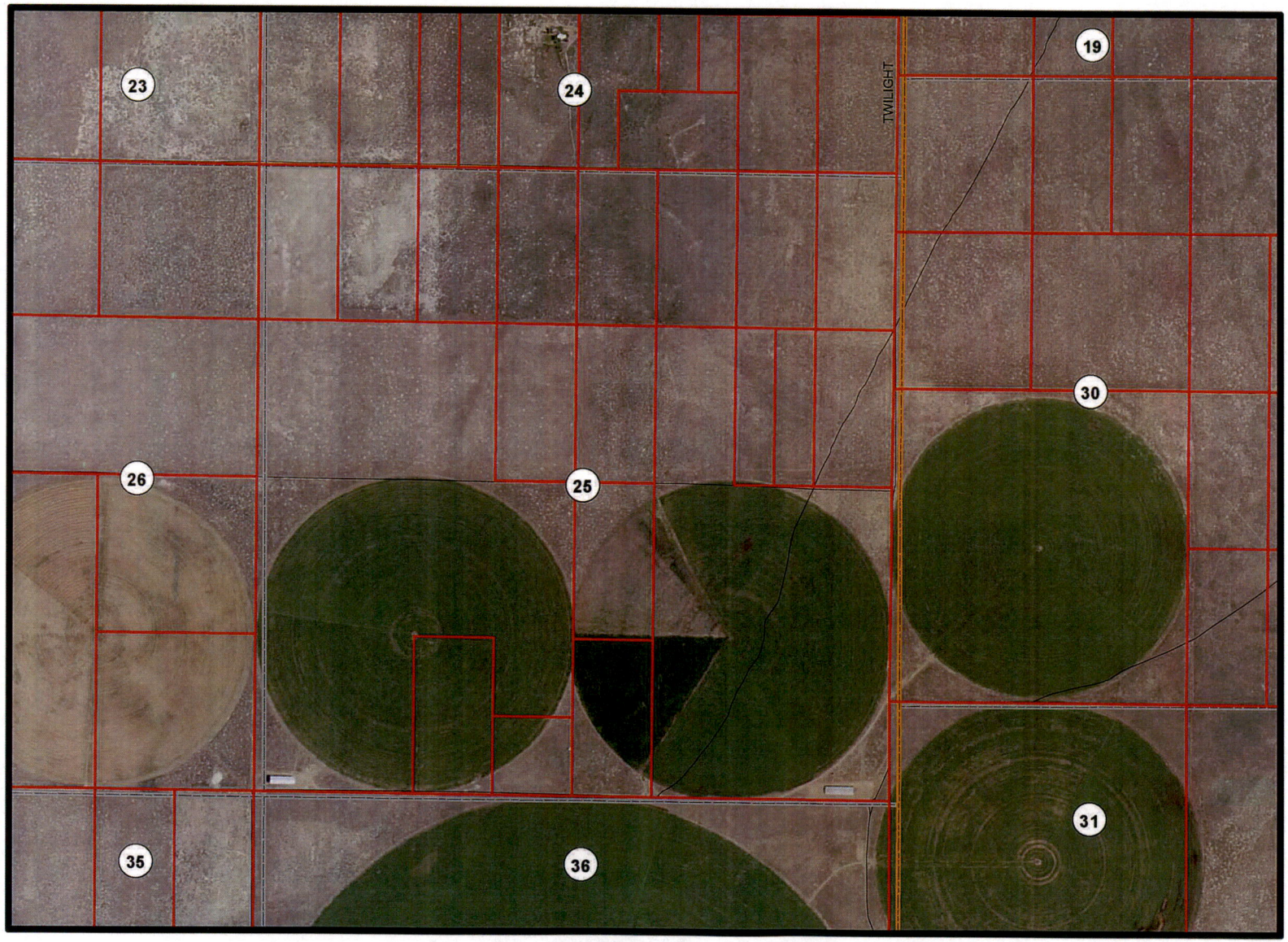
SP*45656-119

T 26 S, R 18 E, W.M.



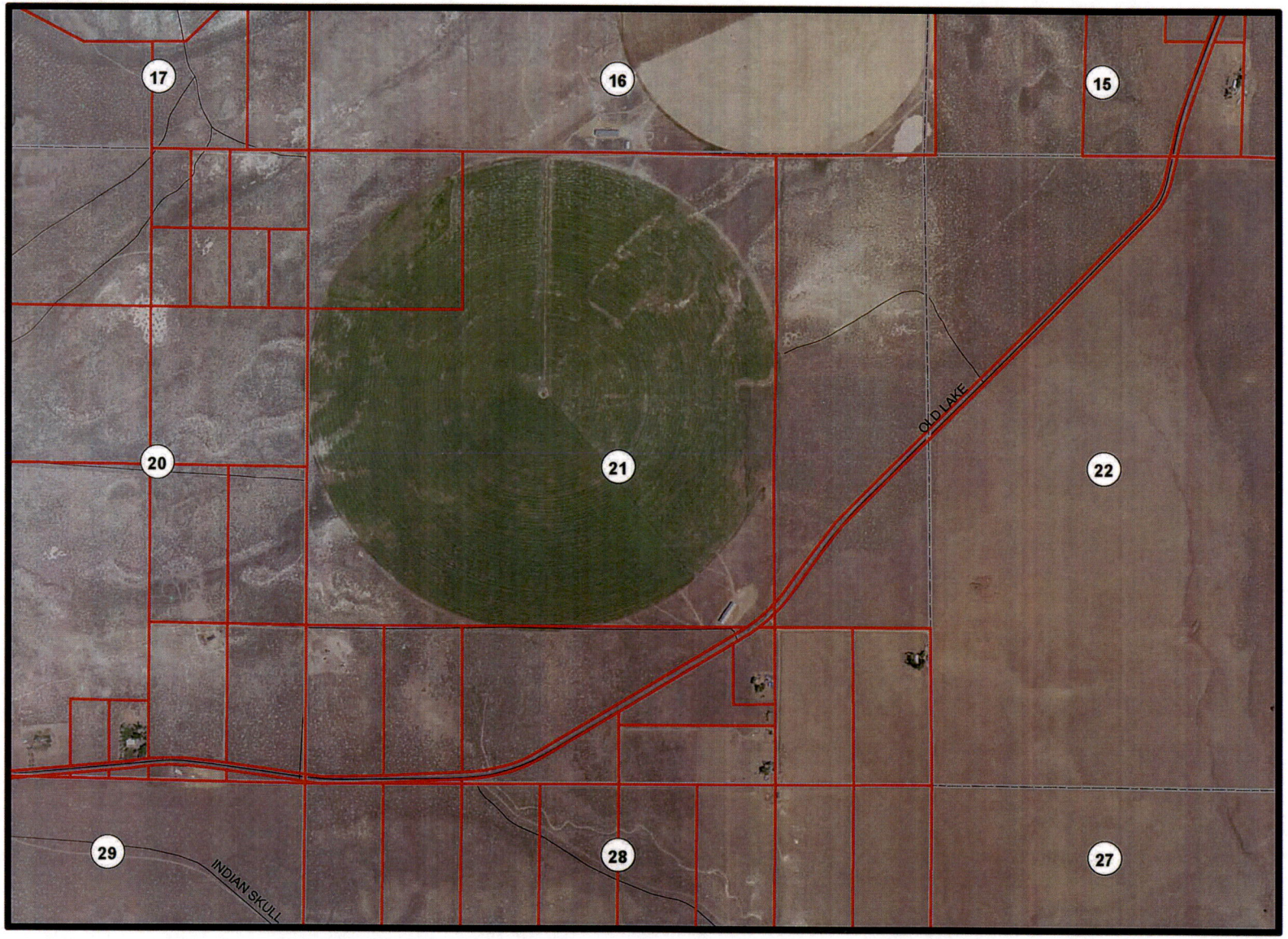
2020 aerial imagery downloaded from NRCS Gateway website and imported into ESRI ArcMap GIS software with Oregon Statewide Lambert Projection

T 27 S, R 16 E, W.M.



2020 aerial imagery downloaded from NRCS Gateway website and imported into ESRI ArcMap GIS software with Oregon Statewide Lambert Projection

T 28 S, R 16 E, W.M.



2020 aerial imagery downloaded from NRCS Gateway website and imported into ESRI ArcMap GIS software with Oregon Statewide Lambert Projection


RECEIVED
SEP 1 3 2022
OWRD
18:10 07-07-2022
Lat: 43° 16' 40.17" N Lon: 120° 37' 34.58" W


RECEIVED
SEP 1 3 2022
OWRD
18:09 07-07-2022
Lat: 43° 16' 39.54" N Lon: 120° 37' 34.97" W

POA A


RECEIVED
SEP 13 2022
OWRD
18:10 07-07-2022
Lat: 43° 16' 40.17" N Lon: 120° 37' 34.58" W

43°16'40.12"N

120°37'34.61"W

4316.7'

+/- 1.7'


RECEIVED
SEP 13 2022
OWRD
18:09 07-07-2022
Lat: 43° 16' 39.54" N Lon: 120° 37' 34.97" W

43°16'39.46"N

120°37'34.83"W

4315.8'

+/- 1.3'


CLP 3 DM
RECEIVED
SEP 13 2022
OWRD
17:01 07-07-2022
Lat: 43° 11' 44.69" N Lon: 120° 46' 29.92" W

43° 11' 44.72" N

120° 46' 29.83" W

4319.1'

+/- 1.3'


RECEIVED
SEP 13 2022
OWRD
13:49 07-07-2022
Lat: 43° 7' 51.8" N Lon: 120° 49' 55.68" W

43°07'50.9"N

120°49'55.69"W

±316.1'

+/- 1.5'


RECEIVED
SEP 1 3 2022
OWRD
16:52 07-07-2022
Lat: 43° 11' 44.52" N Lon: 120° 45' 54.16" W

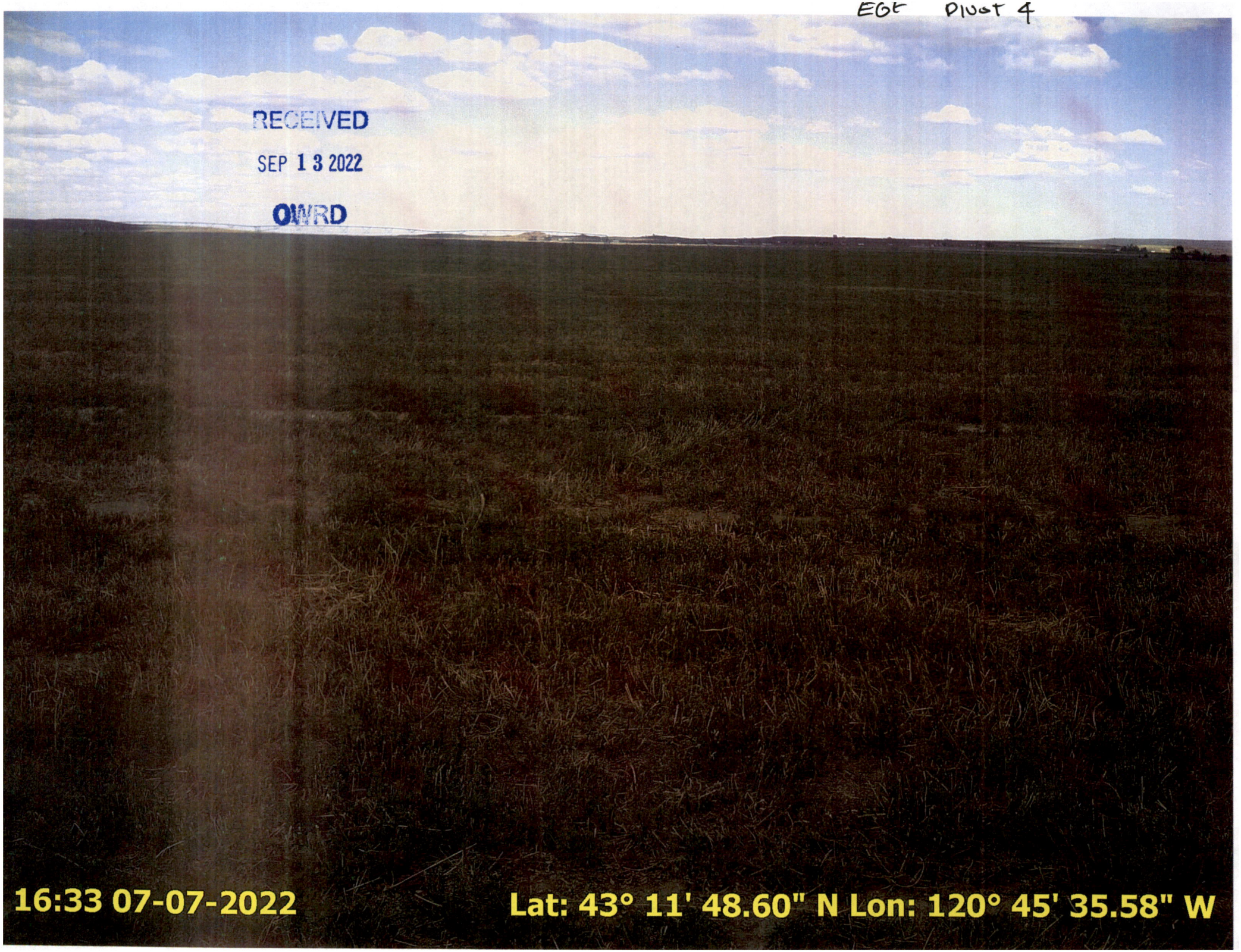
43°11' 44.53" N

120° 45' 54.11" W

4322,0'

+/- 1.3'

EGE Pivot 4



43° 11' 48.62" N

120° 45' 35.49" W

43 21.1'

+/- 1.1'


RECEIVED
SEP 13 2022
OWRD
13:50 07-07-2022
Lat: 43° 7' 50.86" N Lon: 120° 49' 55.88" W

43°07' 50.76" N

120°49' 55.84" W

4317.4'

+/- 1.4'

KOA 5


RECEIVED
SEP 13 2022
OWRD
16:32 07-07-2022
Lat: 43° 11' 48.51" N Lon: 120° 45' 36.39" W

43° 11' 48.53" N

120° 45' 36.24" W

4316.8'

+/- 1.6'


RECEIVED
SEP 13 2022
OWRD
16:42 07-07-2022
Lat: 43° 11' 52.31" N Lon: 120° 45' 19.31" W

43°11' 52.37" N

120°45' 19.25" W

4332.0'

+/- 1.2'


EOF PIVOT 5
RECEIVED
SEP 13 2022
OWRD
16:23 07-07-2022
Lat: 43° 11' 4.7" N Lon: 120° 45' 36.0" W

43° 11' 04.09" N

120° 45' 35.94" W

4324.6'

+/- 1.1'


RECEIVED
SEP 13 2022
OWRD
16:59 07-07-2022
Lat: 43° 11' 44.51" N Lon: 120° 46' 30.9" W

43°11'44.54"N

120°46'~~30.00~~"W
29.96

4319.8'

+/- 1.4'


RECEIVED
SEP 13 2022
OWRD
16:12 07-07-2022
Lat: 43° 10' 59.32" N Lon: 120° 45' 19.21" W

43°10' 59.36" N

120°45' 19.11" W

4310.6'

+/- 1.8'


RECEIVED
SEP 13 2022
OWRD
16:15 07-07-2022
Lat: 43° 10' 59.49" N Lon: 120° 45' 19.8" W

43°10'59.48"N

120°45'19.08"W

4325.5'

+/-1.4'


REMOTE MONITOR ALARM
AND CONTROL SYSTEM
LINDSAY
RECEIVED
SEP 13 2022
OWRD
16:14 07-07-2022
Lat: 43° 10' 59.37" N Lon: 120° 45' 19.25" W

43°10' 59.44" N

120° 45' 19.11" W

4327.8'

+/- 1.5'


RECEIVED
SEP 13 2022
OWRD
17:14 07-07-2022
Lat: 43° 10' 21.9" N Lon: 120° 46' 30.52" W

43°10'21.11"N

120°46'30.44"W

±318.4'

+/-1.7'


RECEIVED
SEP 13 2022
OWRD
17:22 07-07-2022
Lat: 43° 10' 25.86" N Lon: 120° 46' 12.74" W

43° 10' 25.87" N

120° 46' 12.70" W

4321.8'

+/- 1.4'


PIVOT 8 STOP 6:00
RECEIVED
SEP 13 2022
OWRD
17:28 07-07-2022
Lat: 43° 10' 13.45" N Lon: 120° 46' 14.88" W

43°10' 13.53" N

120°46' 14.81" W

4324.3'

+/- 1.3'


RECEIVED
SEP 13 2022
OWRD
17:18 07-07-2022
Lat: 43° 10' 21.11" N Lon: 120° 46' 28.55" W

43°10'21.10" N

120°46'28.36" W

4321.1'

+/- 1.6'

ALL POINTS
ENGINEERING & SURVEYING, INC.
P.O. Box 767
Terrebonne, Oregon 97760

RECEIVED
SEP 13 2022
OWRD

TRANSMITTAL

To:
Oregon Water Resources Department
725 Summer St. NE Suite A
Salem, OR 97301-1266

Date: 8/8/2022
Attention: Certificates

Re: COBU T-13122 & 13371

[x] Prints [] Plans [x] Map/Plat [] Specifications [] Change order [] Other

Copies	No.	Description
1	1	COBU T-13122 (15 sheets letter bond)
1	2	Final Proof Maps (`5 sheets mylar)
1	3	COBU T-13371 (15 sheets letter bond)
1	4	Final Proof Maps (3 sheets mylar)
1	5	Supporting docs (32 sheets ltr bond)

These are transmitted as checked below:

[x] For OWRD approval [] Approved as submitted [] Approved as noted
[] Copies for distribution [] Returned for corrections [] Returned corrected prints
[] Review and comment [] For bids due [] Other

Remarks:
Thanks, and if you have questions please don't hesitate to call (541) 548-5833.

Signed: _____