# Application for a Permit to Use

# Ground Water



### Water-Use Permit Application Processing

### 1. Completeness Determination

The Department evaluates whether the application and accompanying map contain all of the information required under OAR 690-310-0040 and OAR 690-310-0050 (<a href="www.oregon.gov/owrd/law">www.oregon.gov/owrd/law</a>). The Department also determines whether the proposed use is prohibited by statute. If the Department determines that the application is incomplete, all fees have not been paid, or the use is prohibited by statute, the application and all fees submitted are returned to the applicant.

#### 2. Initial Review

The Department reviews the application to determine whether water is available during the period requested, whether the proposed use is restricted or limited by rule or statute, and whether other issues may preclude approval of or restrict the proposed use. An Initial Review (IR) containing preliminary determinations is mailed to the applicant. The applicant has 14 days from the mailing date to withdraw the application from further processing and receive a refund of all fees paid minus \$200. The applicant may put the application on hold for up to 180 days and may request additional time if necessary.

### 3. Public Notice

Within 7 days of the mailing of the initial review, the Department gives public notice of the application in the weekly notice published by the Department at <a href="www.oregon.gov/owrd">www.oregon.gov/owrd</a>. The public comment period is 30 days from publication in the weekly notice.

### 4. Proposed Final Order Issued

The Department reviews any comments received, including comments from other state agencies related to the protection of sensitive, threatened or endangered fish species. Within 60 days of completion of the IR, the Department issues a Proposed Final Order (PFO) explaining the proposed decision to deny or approve the application. A PFO proposing approval of an application will include a draft permit, and may request additional information or outstanding fees required prior to permit issuance.

#### 5. Public Notice

Within 7 days of issuing the PFO, the Department gives public notice in the weekly notice. Notice includes information about the application and the PFO. Protest must be received by the Department within 45 days after publication of the PFO in the weekly notice. Anyone may file a protest. The protest filing fee is \$350.00 for the applicant and \$700.00 for non-applicants. Protests are filed on approximately 10% of Proposed Final Orders. If a protest is filed, the Department will attempt to settle the protest but will schedule a contested case hearing if necessary.

#### 6. Final Order Issued

If no protests are filed, the Department issues a Final Order consistent with the PFO. If the application is approved, a permit is issued that specifies the details of the authorized use and any terms, limitations or conditions that the Department deems appropriate.

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AUG 24 2015

Revised 2/1/2012 G-10/24 Ground Water/1 SALEM. OR WR

# Application for a Permit to Use

# Ground Water



Oregon Water Resources Department 725 Summer Street NE, Suite A Salem, Oregon 97301-1266 (503) 986-0900 www.wrd.state.or.us

### **SECTION 1: APPLICANT INFORMATION AND SIGNATURE**

NAME MICHAEL E. & KRISTEN A. KRUSE				PHONE (HM) NA
PHONE (WK)	CEL	I		FAX
541-910-0127		-975-3200		
ADDRESS	1			
P.O. BOX 90				
CITY	STATE	ZIP	E-MAIL*	
MBLER	OREGON	97841	KKRUSE2011@GMA	AL.COM
Organization Information				
NAME			PHONE	FAX
ADDRESS				CELL
CITY	STATE	ZIP	E-MAIL*	
.11 1	SIAIE	ZIF	E-WAIL	
		- Introduction		
<b>Agent Information</b> – The agent is authoriz	ed to repres	ent the app		ting to this application.
AGENT / BUSINESS NAME			PHONE	FAX
GREGORY T. BLACKMAN			541-963-6771	CELL
ADDRESS 126 RIDGE DRIVE				CELL 541-786-2859
		ZID.	E-MAIL*	371-760-2037
	STATE	ZIP	E-IVIAII.	
CITY LA GRANDE Note: Attach multiple copies as needed * By providing an e-mail address, conse electronically. (paper copies of the fina			GTBLACKMAN@YAHOO	from the department RECEIVED BY O
LA GRANDE  Note: Attach multiple copies as needed * By providing an e-mail address, conse electronically. (paper copies of the fina  By my signature below I confirm that  I am asking to use water specifi  Evaluation of this application w  I cannot use water legally until  Oregon law requires that a perm the use is exempt. Acceptance of the use is exempt. Acceptance of the use if development of the water use  The water use must be compatil  Even if the Department issues a to get water to which they are e	ent is given I order doc I underst ically as de vill be base the Water nit be issue of this applite water. It is not according to the with local permit, I intitled.	and: scribed ir d on infor Resource d before ication do ording to cal compr may have	re all correspondence to vill also be mailed.)  In this application.  In this applicatio	from the department RECEIVED BY O  AUG 24 2015  The application. SALEM, OR of any proposed well, unless rmit will be issued.  The permit can be cancelled. Ins. allow senior water-right holders
Note: Attach multiple copies as needed * By providing an e-mail address, consequent control of the fina  By my signature below I confirm that I am asking to use water specifi Evaluation of this application w I cannot use water legally until Oregon law requires that a permithe use is exempt. Acceptance of the use is exempt. I must not was If development of the water use The water use must be compatil Even if the Department issues a	one on tained	97850  I to receive tuments we sure the seribed in do information do ording to cal compromay have	re all correspondence to vill also be mailed.)  In this application.  In this applicatio	rom the department RECEIVED BY O  AUG 24 2015  The application. SALEM, OR of any proposed well, unless rmit will be issued.  The permit can be cancelled.
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Note: Attach multiple copies as needed  By providing an e-mail address, consequence conically. (paper copies of the fina)  By my signature below I confirm that  I am asking to use water specifically. Evaluation of this application we have a compared the use is exempt. Acceptance of the use is exempt. Acceptance of the use is exempt. I must not was have a permit, I must not was have a permit of the water use have use must be compatible. Even if the Department issues a to get water to which they are expected.	ent is given I order doc I underst ically as de vill be base the Water nit be issue of this appl te water. is not acco ble with loc a permit, I i ntitled.  Micl  Print  Krist	97850  I to receive tuments we and: scribed in don information do calcompromay have  led in this mael E Kru  Name and titten A Kru  Len A Kru  To receive tuments we are and titten A Kru  Len A Kru	re all correspondence in this application. The this application is the permitted and the segment issues a subsequence of the permitted and the segment is the terms of the permitted and the stop using water to application is true and the segment is the terms of the permitted and the segment is the terms of the permitted and the segment is the terms of the permitted and the segment is the segment in the segment is segment in the segment in the segment is segment in the segment is segment in the segment in the segment is segment in the segment is segment in the segment in the segment in the segment is segment in the segment in the segment in the segment is segment in the segment is segment in the segment in the segment in the segment in the segment is segment in the se	AUG 24 2015  The application. The application. The permit. The of any proposed well, unless remit will be issued.  The permit can be cancelled. The permit can be

### **SECTION 2: PROPERTY OWNERSHIP**

conveye	ed, and used.
□Yes	<ul> <li>☐ There are no encumbrances.</li> <li>☐ This land is encumbered by easements, rights of way, roads or other encumbrances.</li> </ul>
⊠ No	<ul> <li>☑ I have a recorded easement or written authorization permitting access.</li> <li>☐ I do not currently have written authorization or easement permitting access.</li> <li>☐ Written authorization or an easement is not necessary, because the only affected lands I do not own are state-owned submersible lands, and this application is for irrigation and/or domestic use only (ORS 274.040).</li> <li>☐ Water is to be diverted, conveyed, and/or used only on federal lands.</li> </ul>

Please indicate if you own all the lands associated with the project from which the water is to be diverted,

List the names and mailing addresses of all affected landowners (attach additional sheets if necessary).

Ross A & Carrie Jo Bingaman, P.O. Box 56, Imbler, Oregon 97841-0056, Aaron Wade & Angela Marie Bingaman, P.O. Box 137, Imbler, Oregon 97841. Owners of property with Hull Well.

You must provide the legal description of: 1. The property from which the water is to be diverted, 2. Any property crossed by the proposed ditch, canal or other work, and 3. Any property on which the water is to be used as depicted on the map.

### **SECTION 3: WELL DEVELOPMENT**

		IF LESS	THAN 1 MILE:	
WELL NO.	NAME OF NEAREST SURFACE WATER	DISTANCE TO NEAREST SURFACE WATER	ELEVATION CHANGE BETWEEN NEAREST SURFACE WATER AND WELL HEAD	
Hull Lane Well	GRANDE RONDE RIVER	3252'	-40'	
			RECEIVED E	Y OWRD
			AUG 24	2015
			SALEM	OR

Please provide any information for your existing or proposed well(s) that you believe may be helpful in evaluating your application. For existing wells, describe any previous alteration(s) or repair(s) not documented in the attached well log or other materials (attach additional sheets if necessary).

<u>Hull Lane well is an existing Artesian well that has been in service since 2001. The well is a Basalt well sealed into the bedrock.</u>

### **SECTION 3: WELL DEVELOPMENT, CONTINUED**

Total maximum rate requested: 1.98 cfs (each well will be evaluated at the maximum rate unless you indicate well-specific rates and annual volumes in the table  $\Omega$  below).

The table below must be completed for each source to be evaluated or the application will be returned. If this is an existing well, the information may be found on the applicable well log. (If a well log is available, please submit it in addition to completing the table.) If this is a proposed well, or well-modification, consider consulting with a licensed well driller, geologist, or certified water right examiner to obtain the necessary information.

										PROPOSED USE			
OWNER'S WELL NAME OR NO.	PROPOSED	EXISTING	WELL ID (WELL TAG) NO.* OR WELL LOG ID^*	FLOWING ARTESIAN	CASING DIAMETER	CASING INTERVALS (IN FEET)	PERFORATED OR SCREENED INTERVALS (IN FEET)	SEAL INTERVALS (IN FEET)	MOST RECENT STATIC WATER LEVEL & DATE (IN FEET)	SOURCE AQUIFER***	TOTAL WELL DEPTH	WELL- SPECIFIC RATE (GPM)	ANNUAL VOLUME (ACRE-FEET)
Hull Lane		$\boxtimes$	L-40702	$\boxtimes$	18"	1924'	435'-1924'	0-435'		bASALT	1924'	1700G PM	195 AF
										RECI	EIVED I	Y OWR	D
											AUG 24		
											SALEN	, UH	

<sup>\*</sup> Licensed drillers are required to attach a Department-supplied Well Tag, with a unique Well ID or Well Tag Number to all new or newly altered wells. Landowners can request a Well ID for existing wells that do not have one. The Well ID is intended to serve as a unique identification number for each well.

Revised 2/1/2012 Ground Water/5 WR

<sup>\*\*</sup> A well log ID (e.g. MARI 1234) is assigned by the Department to each log in the agency's well log database. A separate well log is required for each subsequent alteration of the well.

<sup>\*\*\*</sup> Source aquifer examples: Troutdale Formation, gravel and sand, alluvium, basalt, bedrock, etc.

### **SECTION 4: WATER USE**

USE	PERIOD OF USE	ANNUAL VOLUME (ACRE-FEET)
irrig	March through October 31	195 af

**Exempt Uses:** Please note that 15,000 gallons per day for single or group **domestic** purposes and 5,000 gallons per day for a single **industrial or commercial** purpose are exempt from permitting requirements.

For irrigation use only: Please indicate the number of primary and supplemental acres to be irrigated (material).	ust match map).
Primary: 158.2 Acres Supplemental: Acres	
lease indicate the number of primary and supplemental acres to be irrigated (must match map).  rimary: 158.2 Acres  Supplemental: Acres  ist the Permit or Certificate number of the underlying primary water right(s): None indicate the maximum total number of acre-feet you expect to use in an irrigation season: 3.0  If the use is municipal or quasi-municipal, attach Form M  If the use is domestic, indicate the number of households:  If the use is mining, describe what is being mined and the method(s) of extraction:  ECTION 5: WATER MANAGEMENT  Diversion and Conveyance  What equipment will you use to pump water from your well(s)?  AUG 24 2015  Pump (give horsepower and type): 75 hp	
Indicate the maximum total number of acre-feet you expect to use in an irrigation	n season: <u>3.0</u>
If the use is <b>domestic</b> , indicate the number of households:	action:
SECTION 5: WATER MANAGEMENT	
A. Diversion and Conveyance	RECEIVED BY OWRD
What equipment will you use to pump water from your well(s)?	AUG <b>24</b> 2015
☐ Other means (describe):	SALEM, OR
Provide a description of the proposed means of diversion, construction, and works and conveyance of water. From the well I will construct a 10" mainling construct risers to irrigate the corners of the proposity. My plan is to construct	ne to the property and

### **B.** Application Method

irrigate the bulk of the area.

What equipment and method of application will be used? (e.g., drip, wheel line, high-pressure sprinkler) Pivots, and hand lines for corners with pressure sprinklers

#### C. Conservation

Please describe why the amount of water requested is needed and measures you propose to: prevent waste; measure the amount of water diverted; prevent damage to aquatic life and riparian habitat; prevent the discharge of contaminated water to a surface stream; prevent adverse impact to public uses of affected surface waters.

The computer aided pivot will effeciently water the area without waste. The pivot can be shut off in the area of the farmable wetlands so that water will not be wasted when the wet lands are in a wet state.

### SECTION 6: STORAGE OF GROUND WATER IN A RESERVOIR

If you would like to store ground water in a reservoir, complete this section (if more than one reservoir, reproduce this section for each reservoir).

Reservoir name: <u>NA</u> Acreage inundated by reservoir:		
Use(s):		
Volume of Reservoir (acre-feet): Dam height (fe	eet, if excavated, wri	te "zero"):
<b>Note</b> : If the dam height is greater than or equal to 10.0' ab engineered plans and specifications must be approved price		the reservoir will store 9.2 acre feet or more
SECTION 7: USE OF STORED GROUND WATE	R FROM THE RES	SERVOIR
If you would like to use stored ground water from the reproduce this section for each reservoir).	reservoir, complete th	nis section (if more than one reservoir,
Annual volume (acre-feet): <u>NA</u>		
USE OF STORED GROUND WATER	PERI	OD OF USE
SECTION 8: PROJECT SCHEDULE		
Date construction will begin: October 2015		
Date construction will be completed: March 2019		RECEIVED BY OWR
Date beneficial water use will begin: May 2020		
CECTION A NUTHIN A DISTRICT		AUG <b>24</b> 2015
SECTION 9: WITHIN A DISTRICT		SALEM, OR
Check here if the point of diversion or place of use district.	are located within or	served by an irrigation or other water
Irrigation District Name	Address	
City	State	Zip

#### **SECTION 10: REMARKS**

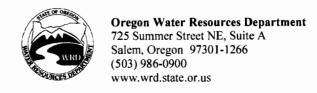
Use this space to clarify any information you have provided in the application (attach additional sheets if necessary).

There are areas of farmed wetlands present on these fields that are wet on years that spring rains are abundant.

NRCS states that the wetlands may be farmed but no action such may be done to dry up these areas such as tiling or draining the areas.

Revised 3/4/2010 G-18124

# **Land Use Information Form**



# NOTE TO APPLICANTS

In order for your application to be processed by the Water Resources Department (WRD), this Land Use Information Form must be completed by a local government planning official in the jurisdiction(s) where your water right will be used and developed. The planning official may choose to complete the form while you wait, or return the receipt stub to you. Applications received by WRD without the Land Use Form or the receipt stub will be returned to you. Please be aware that your application will not be approved without land use approval.

### This form is NOT required if:

- 1) Water is to be diverted, conveyed, and/or used only on federal lands; OR
- 2) The application is for a water right transfer, allocation of conserved water, exchange, permit amendment, or ground water registration modification, and <u>all</u> of the following apply:
  - a) The existing and proposed water use is located entirely within lands zoned for exclusive farm-use or within an irrigation district;
  - b) The application involves a change in place of use only;
  - c) The change does not involve the placement or modification of structures, including but not limited to water diversion, impoundment, distribution facilities, water wells and well houses; and
  - d) The application involves irrigation water uses only.

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# NOTE TO LOCAL GOVERNMENTS

SALEM, OR

The person presenting the attached Land Use Information Form is applying for or modifying a water right. The Water Resources Department (WRD) requires its applicants to obtain land-use information to be sure the water rights do not result in land uses that are incompatible with your comprehensive plan. Please complete the form or detach the receipt stub and return it to the applicant for inclusion in their water right application. You will receive notice once the applicant formally submits his or her request to the WRD. The notice will give more information about WRD's water rights process and provide additional comment opportunities. You will have 30 days from the date of the notice to complete the land-use form and return it to the WRD. If no land-use information is received from you within that 30-day period, the WRD may presume the land use associated with the proposed water right is compatible with your comprehensive plan. Your attention to this request for information is greatly appreciated by the Water Resources Department. If you have any questions concerning this form, please contact the WRD's Customer Service Group at 503-986-0801.

G-18124 Revised 3/4/2010

# **Land Use**

# **Information Form**



Oregon Water Resources Department 725 Summer Street NE, Suite A Salem, Oregon 97301-1266 (503) 986-0900 www.wrd.state.or.us

Applicant:	Michael &	Kristen	First				Last	Kruse	
Mailing Ad	dress: P.o	Box 90							
<u>Imbler</u>	City		!	Ore State	97841 Daytime	e Phone:	<del>54</del> -91	0-01	27
A. Land a	and Loca	<u>tion</u>							
(transported	l), and/or us	sed or dev	eloped. Ap	oplicants for	s where water will be d municipal use, or irrig es for the tax-lot inform	ation uses w	ithin irrigatio		
Township	Range	Section	1/4 1/4	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)		Water to be:		Proposed Land Use:
18	39 E	30	NE,N E	9100	EFV	Diverted	Conveyed	Dosed	
18	39 E	30	SE,N E	9100	EFU	Diverted	Conveyed	Used	
18	39E	30	NW, NE	9200	EFU	Diverted	Conveyed	Sed	
18	39E	30	SW,N E	9200	EFV	Diverted	Conveyed	Used	
Union, Co	ounty						• • •		<b>2 4</b> 2015
B. Descri	ption of	Propos	ed Use					SAL	EM, OR
Γype of app  Permit to  Limited V	Use or Store	Water	☐ Water	ter Resource Right Transfe tion of Conse		Amendment o	r Ground Wate	r Registrati	on Modificati
Source of w	ater: 🗌 R	eservoir/Po	nd 🗾	Ground Wat	er Surface Wate	er (name)			
Estimated q	uantity of v	vater need	ed: <b></b>	8	cubic feet p	er second	gallons per	minute [	acre-feet
Intended us	e of water:	Irriga		Commerc Quasi-Mu	=		Domestic for Other	househ	old(s)
intended us									
	e of water.			=	=			nousen	iviu(s)

Note to applicant: If the Land Use Information Form cannot be completed while you wait, please have a local government representative sign the receipt at the bottom of the next page and include it with the application filed with the Water Resources Department.

See bottom of Page 3.  $\rightarrow$ 

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AUG 24 2015

SALEM, OR

G-18124

# For Local Government Use Only

The following section must be completed by a planning official from each county and city listed unless the project will be located entirely within the city limits. In that case, only the city planning agency must complete this form. This deals only with the local land-use plan. Do not include approval for activities such as building or grading permits.

Land uses to be served by the proposed w approvals as listed in the table below. (Planter all ready been obtained. Record of Action.)	rater uses (including proposed construction ease attach documentation of applicable la	and-use appro	ovals which have
	ods have not ended, check "Being pursu	ıed.'' ⊤	
(e.g., plan amendments, rezones, conditional-use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Lan	nd-Use Approval:
Ministerial	UCZPSO 24,0/	Obtained Denied	☐ Being Pursued ☐ Not Being Pursued
		Obtained Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
			AUG <b>24</b> 20
			SALEM, O
Name Title: Associate Plan 1 (04. Fy Planning Did, Signature: Day Wa	541- 963-1614 Phone: Date	e: <u>3/10/</u>	15
Note to local government representative: you sign the receipt, you will have 30 days fit Use Information Form or WRD may presum	Please complete this form or sign the rece rom the Water Resources Department's no	eipt below an	d return it to the appreturn the completed er is compatible wit
Note to local government representative: you sign the receipt, you will have 30 days fi Use Information Form or WRD may presum comprehensive plans.	Please complete this form or sign the rece rom the Water Resources Department's no	eipt below an otice date to r ed use of wate	d return it to the appeturn the completed

G-18134

MAR 0 5 2001

UNIO

STATE OF ( WATER SUPE (as required by 0	LY WELL RI	E <b>PORT</b> WATER	RESCUR	CES DEPT	50833	WELLI.D. #1.5	11418	7 4	07
(1) OWNER: Name BALS Address F. O., City FALC (2) TYPE OF W. (3) DRILL MET   Rotary Mar       Other       Domestic       Thermal     (5) BORE HOL	DRK oponing Altern HOD:  Rotary Mud    Community    Injection    CONSTRUCT	State PR  Hoon (repair/recc  Cable  Industrial Livestock	ondition)	Zip  Abandoxament		Latitude  N or S Range  1/4 1/4  ot Block is (or nownest address)  R LEVEL:  rw land surface.  3.3 lb. par sque  NG ZONES;	39 £ NW 64905	ngihide E or W 1/4 ubdivision FUT	R
Special Construction Explosives used					From	Ţo	Estimate	of Flow Rate	S
Diameter From 3.3 id 0 4	83 ceme		23 455	D DE	(12) WELL LOG: Ground	Sevation			
Backfill placed from	n fi. 10	fL N	(aloria)		Maleria	<u>.</u>	Frum	To	34
Gravel placed from (6) CASING/LI	ft. 10		ize of gravel		Joe Soil Sand Tan		0	28	
Casing: IB Liner:	From To G		North Wold		Sand Tan To Clay Jan Clay Brown Sand Clay B Sand Brown Clay Brown Sand Brown Sand Brown	Soft Soft Man-Grun +Bock Blace Soft	6 76 87 89	74 74 74 76 77 89 93	
(7) PERFORATI		s: eel : 2/-	1.1		Clay Fan-Se		93	103	
Screen	Type	—— т	Material _		Glav Brown- Gravel 3/8".	under	103	106	
1058 1934	14. 14. 16. 16. 16. 16. 16. 16. 16. 16. 16. 16				Saudstone I Clay Tan - S Clay Guelle Clay Gray B	Smul o(t y = Hord ock - Soft	1/2 1/5 1/2 1/25	115 119 125 130	
	C. Date-francis				Chy Black-	Dun + Hourd	/33	/37 /37	
(8) WELL TEST	o: prinimum (e		T GAML	Plowing	Date started 5/1/04 (unbanded) Water Well		picted	0.0/	
Pump Yield cel/min	Bailer Drawfown	Air Drill alom a	-	Arteniari Time	I certify that the work of this well is in complian Materials used and inform and belief.	ice with Oregon water	supply well or	onstruction sta	مگد
							WWC Nu		
7	02 4		Slows C		Signed (banded) Water Well Co			Date	_
Temperature of water water analysis Did any strate conta Salty Muddinepth of strate:	n done?		ne? 🔲 :	Too little	I .	for the construction, al ring the construction d c is in compliance with	teration, or ab lates reported i n Oregon water best of my kr	above. Ali wo z ruppiy well	Жk

MAR 0 5 2001

MID 5/333



STATE OF OREGON

WATER SUPPLY WELL REPORT
(to required by ORS 537.765) WATE WATER RESOURCES DEPT WELLID. #1, 7 C 5 477
START CARD # 1/4/85

<u>Inur</u>	etions fo	come.	ieling this rep	OLI PLE OF			præ,					
(1) OW	NER:			₩	eli Nun	ther			WELL by legal desc			
Name									Latitude			
Address								Tuwnship	N or S Range		E or ¥	ww.
City				State		Ζiρ		Section	I.nt Rlock _		_ 1/4	
	PE OF V					_		Tex lot	l.m Rlock _	5	ubdivision	
□ New	Well []	Despeni	ing 🔲 Alterati	ion (repair/r	econditi	on) [] Aban	donment	Street Address of Wa	ill (or nearest address)			
	LLME				_							
	-	Rote	wy Mud 🔲	Cable	☐ Aug	<b>2</b> 7		(10) STATIC WATE			_	
☐ Other	POSE	. FIGE							low land surface.	t	Date	
•					т.	_:		(II) WATER BEAR	ib. per squa	re inch.	Pete	
Dome.		∐ Lnjea	enunity []	industriai Livestock	_	rrigation Other		(II) WATER DEAK	Hard Schlatter			
			NSTRUCT			ADEK		Death at which water ar	as first found			
			roval [ii] Yes [		h of Con	misted Well	a.	I .				
			No Type					From	To	Eatlmate	d Flow Rate	SWI.
	HOLE		□1.~ 17 <u>F</u> 4	SEAL								17.7.4
	From	Тв	Material		Te	Sacks or po	and:					
	1			ļ		•		1				
								(12) WELL LOG:		-		
llow wa	seel plac	ced:	Method [	)^ _	R	]c 🔲 Þ	□R		nd Elevation			
D ox												
Beckfill	placed fo	77m	fl. to	ft.	Materi	<u></u>		Mater		Frace	To	SWL
	laced from		<u> Էւ տ</u>	ľ.	Size o	gravel		Clay Gray	Sand Gray	137	141	
(6) CA	SING/I.	NER						Clay Black H	wate Clay Grow-So	# 141	144	
	Diemekr	Pre	m To Gi	ngo Stori	Plantic	Wolded	îkresisi		Ac-5054 + Wood		146	
Caring:								ClayGray - Dr		146	148	
-								Clay Gray - Sol	7	148	168	
								Clay Grav + S	Jay Stone Gray	168	170	-
				□				Glay Gray -	50f+	170	184	
Liner.				_  0				Clay Gray Gr	ear-Soft	184	186	
								Clay Cark Gro		136	186	
	ation of a					केट का प्रसार के उनक		Clay Gray Gr		188	198	
			SCREENS					Clay Dock 60		198	203	
_	rforation	•	Method					Clay Gray - S		303	707	
□sc	reem	Sled	Туре		Ma Tele/ph	LE risk)		Clay Green -		207	208	
910m	e?	, 48		Shameles	ALLE LAMAN	Critical	Una	Clay Green		308	10	-
	<b>_</b>				-	_ □		Clay Black		310	ali	
	-	-			1	<u> </u>	$\Box$	Clox Block +C	hy Brown Saf	Lau	313	
	-	+-					므	CKT BRCK+C	lavitone Black	<u> शिष्ट</u>	SIE	
		+	$\dashv$		<del> </del>	_ 🖳		PION GUERNIA	13. A - 7 (23. I		319	
	<u></u>		1		<u> </u>	U			<del>ren - jismi+Dr</del>	221	335	
(0) 100	21175	eme.	Min Income 4	-tl	in 1 b-			Chy GrayG			335	
(M) A)	olul TE	212: 1	Minimum te	riof cose	THE CHIC	ru f		Date started	il Capelructor Certific	pleted		-
			Deiler			MACE	<b>ying</b>	1 ,	is Communical Certains is I performed on the cor		eration or she	out remo-
∐P Viat	•	_	Railer	☐ Air D <del>rill</del> ) sta	m of	_	Tiree	of this wall is in compl	iance with Orogen water	supply wall o	postal ruction of	anderijs.
* 100	i galimis	1	7 2 11 12 2 11 12 1	Diel M			i hu	Materials used and info and belief.	rmation reported above a	are artie to the	best of my kr	10 w ic dg c
		†								WWC N	umber	
		1				_		Signed			Date	
Tempera	ture of w	i		opth Aresis	u) Flow	Found			onateuctor Certificatio	to:		
-	ter analy:			By whom			<del>-</del>	}	for the construction, alt		endonment se	wł
	•		r not mitable i			Too liet	le l	performed on this well do	ring the construction dat	ès reported a	hove. All war	ŧ.
			Odor Co				~	performed during this line construction standards.	të it in compliance with (	Oregon Water	nucción well	
ouny Depth of	_	, L									mber / 35	
· F			···					Signed La Je VZ	le for a	n nt. 140	Day 32 - 7	3-01
						- China Latha A	Th 157 418	COND COPY-CONSTI	THE PARTY OF THE P	COPY-CUS		

MAR 0 5 2001

UNIO 50833



50833 STATE OF OREGON 702 WELLID NL TOOTT WATER SUPPLY WELL REPORTER RESOURCES DEPT START CARD # 114 185 (se required by ORS \$37.765) (as required by ORS \$37.765)
SALEM OREGON
Instructions for completing this report are on the last page of this form (9) LOCATION OF WELL by legal description: (I) OWNER: Well Number County Latitude Longitude Name E or W. WM. Address Township N or 5 Range 1/4 Section. 1/4 City (2) TYPE OF WORK Block Subdivision New Walt Desponing Alteration (repair/recondition) Abundonment Street Address of Well (or nearest address) (3) DRILL METHOD: (10) STATIC WATER LEVEL: Rotary Air Rotary Mud Cable Auger Other ft. below land surface. (4) PROPOSED USE: Arte tim pressure lb. per square inch. I)ste Domestic (II) WATER BEARING ZONES: Community | Industrial Intigration Thermal ☐ Injection Livestock Other (5) BORE HOLE CONSTRUCTION: Depth at which water was first found Special Construction approval Yes No Depth of Completed Well From Explosives used Yes No Type Amount Estimated Flow Rate HOLE SEAL a 18 <u>30 GPM</u> <u> 256</u> IO GPM 246 Sacks or prouds Motorius <del>ል</del>ፀኅ ana 30 GPM (12) WELL LOG: Method 🔲 A □ B  $\Box$ D How was seal placed: Ground Elevation Other SWL Backfill placed from ñ. Material Materia From Clay Gray - Dry 3*3*5 a3i ſŁ. Size of grave Ciravel placed from ft. to Sand Coursen Enweigh (6) CASING/LINER: 38 Clar Sand Clar Green Black 338 Tu 8 tesi Plantic Welled Diameter 246 Casing: 346 Sand Lievil Green Course <u>as</u>6 Glay Brown - Soft 256 7 ماد <u>a69</u> band brown-Fine **a6**7 270 278 269 Clay Gray-Soft Clay Tan-Soft 270 Clay Green + Gravel 1/2" undo. Clay Gray + Sand 281 278 Final location of shoc(s) 386 389 (7) PERFORATIONS/SCREENS: 361 361 Method <u>Clay Green - Haad+Dry</u> Performions 289 292 Material Sand Course Screens Туре Tek/plac 292 Lay + Sand Grux Green Dru 295 Cestag i.ber Number 395 297 Sadd 297 297 ClayGmy 249 301 Sand + Wood 302 301 <u>ClayGray-Soft</u> 108 305 Sand-Gravel 1/2"underschy 305 Clay Gray + Wood (5) WELL TESTS: Minimum testing time is 1 bour Date started (unbonded) Water Well Comitmeter Certification: **Flowing** ☐ Artesian I certify that the work I performed on the construction, alteration, or abandonment ☐ Pump Bailer ☐ Air of this well is in compilance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge Drill stom of Time Drawdows Yield gallimi and belief. WWC Number [hunded] Water Well Constructor Certification: Depth Arteman Plow Found Temperature of water possibility for the construction, alteration, or abandonment work Was a water analysis done? Yes By whom performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well Did any strata contain water not suitable for intended use? Salty Muddy Odor Colored Other construction standards. This report is true to the best of my knowledge and belief. WWC Number <u>1399</u> Depth of strata:

ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT. SECOND COPY-CONSTRUCTOR. THIRD COPY-CUSTOMER DECEMBER BY OWRD

Signed (1) all the

Jr. 2 1 1 C

Dute 2 - 12 - 12 /

MAR 0.5 2001

STATE OF OREGON
WATER SUPPLY WELL REPORT
(to required by ORS 537,765)

PORT
WATER RESOURCES DEPT

WID 50033

(H)	
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Instructions to	r completing this re	SOLF PLE CONT.			Drm.		SIAKI CAKI	· · · · · · · · · · · · · · · · · · ·	<i></i>	
(I) OWNER:		W	ell Num	<b>b</b> ат		OF WELL by legal d				
Name						Country		ماا	ngiluda	
Address						Township	N or S Rom	et	E or '	₩. WM.
City	-	State		Zp		Section		/4	_ 1/4	
2) TYPE OF V	VORK			_		Text on	Lot Blood	k s	_noinividen	
New Well	Peoperang [ Alter	ation (repair/re	woditi	on) 🔛 Aban	donment	Street Address o	f Well (or nearest address	"		
(3) DRILLME		70.44	٦.			(10) STATIC WA	COLDY AUDI.			
	Rotary Mud [	_ Cubic		a e					D-1-	
Other  (4) PROPOSE	01000					Artesian pressur	'L below land surface. 		Date	
	Community	Tindustrial		regation.			ARING ZONES:	quare more	DEI6	
_		Livestock	_	Xher			11774			
	LE CONSTRUC					Depth at which wat	r was first found			
• •	on approval 🔲 Yes		of Con	apleted Well						
	∐Yes ∐N∩ Тут					Prom	To	Estimate	d Flow Kate	swi
HOLE		SEAL				325	327	50 G	244	
Diameter From	To Materi	lat From	Te .	Sadu er ye	myds	}				
								<del></del>		
		$\rightarrow$								
		-								
Harrison and state	hade Marked	<del>-,</del> -		1C 🗆		(12) WELL LOC				
How was seal place			₽ L	]כ □ס	□E	j <sup>c</sup>	round Elevation			
L Other  Back-fill placed for	nmfl. to_	n.	Materi	<u></u>		1 T	laterial	From	To	SWL
Gravel placed from				gravel			Green - Dry	307	425	<u> </u>
(6) CASING/L						Clay Grays	Sand Grave 124		327	
Diameter		Gange Stret	(Pholic	Welded	Threadel	Grave IVA	'under	527	325	
Cming:						Clay Dack	Green-Dry	329	33	
						Sand+Cla	y Great	155	352	
							en-soft + ha		334	
		□					en-Saf+	274	335	
Liner:						Clay Gras		335	237	
	<del> </del>						<u>en - Soft</u> + De		338	<u> </u>
Pinel location of a							n-soft sclox		35/	
	TIONS/SCREEN					Clayston	e-Dark Gree	n 35/	354	
Perforations			Ma	terial			-Soft+Dr -PyriteFla		356 358	
Screens	Type		Tele/pip	)÷			m- Soft +Drv		365	
From Ts	sime   Number	Olasmater	-				Y-500++Dry		366	
		<del>                                     </del>		_ 5	ä	Chy Gra	y- Saft + Clay	du 399	390	
				_		ChyGray	- Soft + Dry	390	40/	
						ClayGree		401	406	
						Sand Gre	an-Cotras	406	408	
						Clay Gree	n-6nay-56++	408	410	
(8) WELLTES	TS: Minimum t	esting time i	a 1 hou	ır		Date started		ompleted		
	_	_		_ Flow		1	Well Constructor Carti			
Pump	Bailer	☐ Air		Ante		I certify that the	work, I performed on the a aptiance with Oregon wa	construction, allo for supply well or	ration, or she portruction =	indonnen anderde
Yield gal/min	Drawdows	Drill stee	1 M		ime A b -	Materials used and i	nformation reported above			
		<del> </del>			<u>i hr.</u>	and belief.		WALL AT		
						Signed		WWC Nu	Date	
Temperature of wa	L	T)cpth Artesiar	i Flow I	Found		Signed	ell Constructor Certific	rtion:		
Was a water analy		Yes By whom				,	bility for the construction		andonment v	work
-	taun water not autua		use?	☐ Too lie	ttle	performed on this w	ell during the construction	n dates reported :	above. Ali w	tork
	ldy 🗖 Odor 🔲						is time is in compliance s ds. This report is true to			
Depth of strate:							10 .1		omber <u>/</u> 2	
-						Signed	10 home		Date 2	13-0
ORIGINAL & H	IKST COPY-WAT	TER RESOU	RCES	DEPARTM	ENT SE	CONDICOPY-CON	STRUCTOR THIS	D COPY-CUS	TOMER	

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(	25	-/
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MAR 0 5 2001 万つおろろ STATE OF OREGON 40 11. WELLID. #1. 100 WATER SUPPLY WELL REPORT Instructions for completing this report are an electronic to the (9) LOCATION OF WELL by legal description: (1) OWNER: Well Number Latitude Lungitude Name N or S Kange E or W. WM. Township Address 1/4 1/4 State Section (2) TYPE OF WORK Tax Lot 1.04 Hinck Subdivision New Well Deepening Alteration (repair/recondition) Abandonment Street Address of Well (or nearest address) (3) DRILLMETHOD: (10) STATIC WATER LEVEL: Rolary Air Rolary Mud Cable Auger
 Date Other ft. below land surface. (4) PROPUSED USE: Arterian pressure ()ate lh, per square inch (11) WATER BEARING ZONES: Domestic Community Industrial Lirrigation Themsel Other Injection | Livertock (5) BOREHOLE CONSTRUCTION: Dopth at which water was first found Special Construction approval [ Yes [ No Depth of Completed Well SWL From Estimated How Rate Explosives used Type No Type SEAL. HOLE T Socks or pounds (12) WELL LOG: Method A How was seel placed: Ground Elevation ☐ Other Backfill placed from Material Τo SWL Material From ft. to 4/4 ſL Size of gravel Clay Grav-Soft + Dry Gravel placed from ñ. w (6) CASING/LINER: ans-Gray da To Gange لمعاق Plantie Wolded Change: 429 440 ō 42. ā Liner: 438 Final location of shoe(s) (7) PERFORATIONS/SCREENS: Perfocultors Method ₩7 **%** 8 \*2 Material Screens Турс 360 Diameter 456 calt Grant Some Braun CON CHON + Ach Basalt Brown-Hard 493 Completed (8) WELLTESTS: Minimum testing time is I hour Date started (unbonded) Water Well Constructor Cortification: Flowing

Artesian I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oragon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge. Bailer 🗌 ☐ Air □ Рыпар Time Yield gal/mig Drill stem at and belief. I br WWC Number ioned Depth Arterian Flow Found (bonded) Water Well Constructor Certification: Temperature of water 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. Was a water analysis dixe? Yes By whom Did any strata contain water not suitable for intended use?

ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SECOND COPY-CONSTRUCTOR THIRD COPY-CUSTOMER

Signed ( )

RECEIVED BY OWRD

Date 2-14-61

WWC Number / 379

Depth of strain:

Sally Muddy Odor Colored Other

MAR 0.5 2001

UNIO 50833



STATE OF OREGON
WATER SUPPLY WELL REPORT
(in required by ORS 537.765) WATER RESOURCES DEPT
Instructions for completing this resources MEMACREGON this form.

WELLID. # L 46677 40/6 2 START CARD# 14185

Name	ur W. WM.
City State Zip  City State Zip  City Section 1/4 1/4  City TYPE OF WORK    New Well   Deepening   Alteration (repair/recondition)   Abandorment   Abandorment   Street Address of Well (or neatest address)    Tax Lot	sian
Tax Lot	
New Well   Deepening   Alteration (repair/recondition)   Abandorment	
Cher   Community   Industrial   Irrigation   Community   Industrial   Irrigation   Irrigation   Industrial   Irrigation	
Community   Industrial   Irregation   Injection   In	
Community   Industrial   Irrigation   Injection   In	
Domestic Community Industrial Irregation [Investors Other]  Thermal Injection II. iverstock Other]  (5) BORE HOLE CONSTRUCTION:  Special Construction approval Yes No Depth of Completed Well ft.  Explosives used Yes No Type Amount From To Estimated Flow  HOLE SEAL  Diameter From To Material From To Sector or pounds	
Special Construction approval   Yes   No Depth of Completed Well   ft.	Rate SWL
Special Construction approval Yes No Depth of Completed Well ft.  Explosives used Yes No Type Amount From To Estimated Flow  HOLE SEAL  Diameter From To Material From To Sector or pounds	Rate SWL
HOLE SEAL  Diameter From To Material From To Seeks or pounds	Rate SWL
HOLE SEAL  Diameter From To Material From To Seeks or pounds	
(2) WELLIOC.	<b> </b>
(12) WELL LOC.	
(12) WELL LOC:	
(12) WELL LOC:	
The state of the s	
How was seal placed: Method A B C D B Ground Elevation	
C) Other	
Backfill placed from ft. to ft. Meterial From To	
Gravel placed from ft. to ft. Size of gravel Bosol Red 473 493	5
(6) CASING/LINER: Bosolt Black + Shale Brown 495 499	
Districtor Print To Galley Steel Photols Wolfest Threshold Shale Brown + Basalt Gay + 477	
	3
Cuing: Some Cinders Red 50: 50: 50: 50: 50: 50: 50: 50: 50: 50:	
Basalt Block Shale Gray 506 50	
Basalf Blackt Shale Bray 508	
Liner: Greent Circlers Red 5/1	
Basalt Blocks Shale Brown 511 5H	
Final location of shorts)  Basalf Black+Shale Green 514	
(7) PERFORATIONS/SCREENS: Gray & Closers Red 5.24	5
Perforations Method   Clay Tan Soft   530 53	
Screens Type Malerial Clay Light Grace - Soft 534 53	
From To Number Diameter size Casing Liner Glay Grace - Sort 536 55	
Clay Green - Soft 53	8
Clay GreenGray-Soft 538 54	
Clay Brown Green - Soft 541 54	
Clay Brown Green Bassel Black 548, 54	
Chy Tan White - Base # Black 548 55	0
(8) WELL TESTS: Minimum testing time is 1 hour Due started Completed	
(unbounded) Water Well Consequence Carabiforation	<del></del>
Pump   Builer   Air   Arte sinn   I certify that the work I performed on the construction, alteration,	or abandonyment
of this well is in compliance with Oregon water supply well construct	Lion standards.
Materials used and information reported above are true to the best of	му <b>ы</b> гожес <b>ц</b> с
WWC Number	
SignedDate	
Temperature of water Depth Artesian Flow Found (hunded) Water Well Constructor Certification:	
Was a water analysis done? Yes By whom I accept responsibility for the construction, alteration, or abandons	nest work
performed on thus well during the construction dates reported shave	All Work
Did any strain contain water not suitable for intended use? I too life performed during this time is in compliance with Oregon water supplements and the best of my knowledge construction standards. This report is true to the best of my knowledge.	y well ge and helief.
Death of street	1240
Signed Care de Jean Date	4-14-61
ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SECOND COPY-CONSTRUCTOR THIRD COPY-COPY	

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AUG 24 2015

MAR 0 5 2001

UNIO 50833



STATE OF OREGON

WATER SUPPLY WELL REPORT
(to required by ORS 537.765) WATER RESOURCES DEP)
Instructions for completing this report are CAUS Mr 905 90 form.

WELL I.D. # L. 7049 7 START CARD # 114/85

(1) OWNER: Well Number	(9) LOCATION OF W		-		
Name	_ County				
Address	Township				. WM.
City State Zip	Section				
(2) TYPE OF WORK	Tax LotI.e	ntBlock_	S	ubdivision	
New Well Despening Alteration (repair/recondition) Abundurance	t Street Address of Well	(or namest address) _	74		
(3) DRILLMETHOD:		AMERICA 1			
Rotary Air Rotary Mud Cable Auger	(10) STATIC WATER	LEVEL:			<del></del>
Other	fi. belo	w land surface.		Dadic	
(4) PROPOSED USE:	Arterian pressure		ue inch.	Deute	
☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation	(II) WATER BEARD	NG ZONES:			
Thermal Injection Livestock Other	_				
(5) BORE HOLE CONSTRUCTION:	Depth at which water was	First found			
Special Construction approval _ Yes _ No Depth of Completed Well	ń				
Explosives used Yes No Type Armount	From	To		d Flow Rate	SWI.
HOLE SEAL	583	<i>59</i> 3	42 6	PM	
Diameter From To Material From To Sachs or pounds	594	611	108G		
	(12) WELL LOG:				
How was sent placed: Mathod A B C D		Elevation			
Other					
Backfill placed from ft. to ft. Material	Material		From	То	SWI.
Gravel placed from R. to A. Size of gravel	Rasalt Block	+Clay Harl	550	55/	
(6) CASING/LINER:	Clay Ton 6m	WBasaH	551		
Diameter From To Gauge Stool Plantic Welsied Thread	A7 7 11 7 1 A	inters"		574	
Curing	Rosalt Alac		y 574		
	Smy, Brown			582	
		-Hace	582	583	<del></del> 1
	BasaHGray			593	
Liner:	BOSOH Block			594	
	B2 50/+6/24		574	611	
	Base H Groy+			233	
Final location of shee(s) (7) PERFORATIONS/SCREENS:	Bassin Gray W			626	
	Clay+Claystor		4.6	627	
Perforations Method	Clay Green		627	636	
Screens Type Material Trisophe			230		
From To vier Number Diameter une Casing Lin			772	629	
			629	7701	
				644	
<del></del>			644	663	
		*C4-2-07+	663	675	
			675	7 200	
	- Some Cinder	Ked		684	
(8) WELL TESTS: Minimum testing time is 1 hour	Date started		pleted		
Flowing	(unbanded) Water Well (	matrucing Certifica	tion:		
Pump Bailer Air Attesium	I certify that the work I	performed on the con	ntruction, alter	ation, or abun	diximent
Yield gal/min Drawdown Drill stem at Time	of this well is in compliant  Materials used and informa-	S WICH CATEGORY MARKET I TO WICH CATEGORY AND	rupply well ou Ne liftle to the h	nstruction sta Mat of my kee	ncurti. ovjede
1 fu.	and belief.			,	
	-		WWC Nu	mber	
	Signed			Date	
Temperature of water Depth Artesian Flow Found	(banded) Water Well Cor	Meruetor Certification	a:		<u> </u>
Was a water analysis done? Yes By whom	l accopt responsibility f	or the construction, al	teration, or ab	andonment w	nrik
Did any strata contain water not suitable for intended use? Too little	performed on this wall dur performed during this time	ing the construction d	ales reported a	bove. All wa	rk
		n il combinasca wite			belief.
Saity Middy Odor Colored Other					-
Salty Muddy Odor Colored Other	- I	,	WWC Nu	mber ノマダ	14
•	Signed Walker	Some	WWC Nu	mber <u>/ / /</u> Date <u>/ / /</u>	-

G-18134

AUG 24 2015

UNIO 50833



STATE OF OREGON MARKET SUPPLY WELL REPORT
(As required by CRS 537.765) WATER S

MAR 0.5 2001

AR (1.5 ZOU) (XXXX)

			_
WELL I.D. # L 4454477	40	72	7
- 114/QK			

	()RS 537.765) completing this re	VATER RESOUR	CES DEPT		START CARD #				
(1) OWNER:			er	(9) LOCATION OF	WELL by legal des	eriotico:			
Name		1760 1741			i.azitude				
				Township	N or S Range		V WM.		
Address		State	7.ip	Noction.	1/4	144	, ve teta		
(2) TYPE OF W	Ote		1.60	Tax I of	A Block	Subdivision_			
		tion (repair/recondition	) Abandonment	Street Address of We	ll (or nearest address)	366471107			
3) DRILL ME									
	Rotary Mud	Cable Auger		(10) STATIC WATE					
Other					low land surface.	ateC			
(4) PROPUSED				Arterian pressure		ure inch.   Date			
Thermal [	Continuatity      Injection	]Livestock [] Oti	Seriou	(11) WATER BEAR	ING ZUNES:				
	E CONSTRUC	MON:			s first found				
		■ No. Depth of Comp				1	T.,,,,,		
Explosives used [ HOLE	∐Yes ∐No Typ	SEAL Ame	ount	From	To	Estimated Flow Rate	SWI		
Nameter From	To Materia		Sacks at people						
					<del> </del>		-		
		<del>-   -   -  </del>		440 1115 1 1 2 5	<del></del>				
How was seal place	ed: Method	_^ _B _	C DD DE	(12) WELL LOG: Groun	d Elevation				
Clarker .									
	mfL (o			Materi		From To	swt.		
Gravel placed from		A. Size of	Tivel	Basal Gr	2,Y	684 689			
(6) CASING/LI				Shale All Co		689 693			
Diameter	Prom To C	inage Steel Plantic		Shale Green		693 695			
Cuing:	<del>  - -</del>	<b></b>  □ □		Baser Black		695 697			
	<del>                                     </del>			Shale Gray B	ack to menous	w 697 704			
	<del>∤┈┈╸┩╺╼┩</del>			Breat Blace	C+CIOY GOO,				
	<del>                                     </del>			Breat Black		7/9 730			
l.iner:	┿╼┞╌╂			Ansatt Gray					
		[		Boso H Block					
Final location of al		<b>6</b>		Basal Block	+LIDARE HE	799 741 1 743			
. ,	TONS/SCREEN Malbod			Basall Real					
Perforations Screens	Method	Male	rial	Tan + Gras		749			
	Shot	Tele/plac		Basa H Brow	sur Shala Gran				
Frum To	size Number	Diameter alm	_ Cooling Liber	Rasa H Block	ShaleGreen	A 753 761			
				BosoH Bl					
	1			Shale Green	<u> </u>	784			
				ChyGmys	of + Bass	H784			
				Block + She	de Graer				
				Curdes Ren +	ClayRed	186 188			
(A) WELLTES	TS: Minimum t	esting time is 1 hour	•	Date started		pleted			
			Flowing	(unbonded) Water Wei					
<b>Բաոր</b>	Bailer Bailer	□ Air	Artesian	of this well is in complia	t i performed on the cor ance with Oregon water	istruction, Alteration, or abi supply well construction is	endorenen Leodarde		
Yield gal/tutu	Drawdows	Drill stem at	Time	Materials used and infor		ere true to the best of my b			
			1 hv.	and belief.		WWC Number			
				Signed		Date			
Temperature of wa	der	Depth Artesian Flow Fo	und	(bonded) Water Well C	onstructor Certification				
Was a water analys		es By whom				teration, or abandonment			
-	_	te for intended use?	Too little	performed on this well d	luring the construction of	lates repuried shove. All w h Oregon water supply wel	mrk 1		
		Colored 🔲 Other _		construction standards.	This report is true to the	heat of my knowledge and	d belief.		
				1		WWC Number / 34	Ü		
Depth of strate:				1 11	' <i>#</i>	WAC WRUDES 7 7			

MAR 0 5 2001

UNIO 508.33



STATE OF OREGON
WATER SUPPLY WELL REPORT
(a) required by ORS \$37.766 WATER RESOURCES DEPT.
Instructions for completing this result EthnoCREGON: of this for

	i
WELL I.D. #L 4299	110
START CARD # 1/4/85	

702

11071	CHOM I	1,19	HEUCK II	12 1 444		يحددي		IIII IVI III-					
(I) OW	NER:				¥	Vell Nur	mber		(9) LOCATION OF V	WELL by legal des	cription:		
Name									County		1,0	ngitude	
Address									Township	N or S Range		E or \	W. WM.
City				Su	4¢		Zi	Р	Section	1/4		1/4	
(3) TYP	E OF	VORK	(						Tax LotL	ot Hlock	S	_nomivibda	
				Lieration	(repair/	econdit	ion) 🛄 A	pendonmoni	Street Address of Wei	(or nearest address)			
(3) <b>DRI</b>										CHICAGO			
Rotar		Rok	ary Mud	_ c∗	Ne	- Aug	er		(10) STATIC WATER				
Other												Date	
(4) FRO						_			Artesian pressure		re inch.	Date	
Dome			-	☐ juq			irrigation		(II) WATER BEARI	NG ZONES:			
There		lnje		Liv			Other			e			
(5) 300						L - C C		L., A	Depth at which water was	las long			
Special	Operuct	ica ethi		Zer □ 1	o nebr	n ot Col	ublette u	بر <u> </u>	D	To		45	1-11-
		[] Tes	U N⊕		BAL	_ ^			From	10	Haumace	d Flow Kata	SWI.
Diameter	HOLE	Тө				To	a <b>-</b> -					****	_
	rrem	ı ' <b>"</b>	""	terial	From	"	33175	m panta					_
	+	_	<del>                                     </del>		1								
	+-												-
	+				<del> </del>						1		
How was	مام لمور	ced:	Math	d 🗀		in r	]c [	D DE	(12) WBLLLGG:	Elevation			
_	E		(*************************************	- ⊔ <b>•</b>		[			] Growns	L45748731			
Backtin 1	olaced fr	orti	ft. (	10	ft.	Mater	1 <b>4</b>		Materia	J	From	To	SWL
Grevel pl			n	~——	ħ.		f gravel		BASA H BROWN		1 788	791	
(6) CA!							<u> </u>		Rosa HBlack	ClayGrav	14 791		
(-,	Diameter			Grage	Steel	Plasti	Welder	Threaded	Stale Greek	l		797	
Casing:		1							BasaH Black		797	801	
Casug:					15	ă	ă	ă	BasaltGray	+ClasGmv		408	
-	-	_		1	15		ă	ă	Bosa H Brown	+Clay Brown		809	
_		1			16		<u> </u>	<u> </u>	Basalt Brown	ShopGree	4 979	All	
Line::		_	_			ă	ö	=	Rosself Boxum +	Clay Box. w	311	813	
		_			18	Ħ	ň	Ħ	BasaH Gray+			015	
Final loca	tion of	hon(s)		· · · · · ·			_	_	Pasati Red+5			918	
(7) PER			7/S(1)2/2	ENS:					Bosott Block		918	343	
	fontion								Barat Gray+C		823	825	
Sa			Туре				terial		BosaH Blac	+Clay Gm			
		Slo	<u>.                                    </u>	h . Di-		Tele/pl	<b>—</b>		Shale Good			826	
Frens	Te	#>	4816	ber Dia	erario f		Cas		Pasa H Brown	+Clax Rmun	1 386	827	
							_		Boscott Rear C	24 Room Sont	827	929	
									FORCE H BOOWNE	MY Brown	4801	631	
							_		Basal Brown			832	
							_ =	: =	Basatt Rlack +	Clay Brown	834	836	
									Basatt Brown +	ClayBours	834	<b>A37</b>	
(8) WEI	LL TES	TS: N	<b>Alpim</b> u	n testin	g time	in I bo	UF		Date started	Com	pleted		
								Towing	(unbooded) Water Well	Constructor Cortifica	liea:		
∐ Pur	пф		Bailer	C	] Air			riesian	i certify that the work				
Yield	وند اد	De	4444		Drill ster	m et		Time	of this well is in compliant Materials used and inform				
								l hr.	and belief.				
				_			$\perp$				WWC Nu	urper	
									Signed			Date	
Temperat	HITE OF W	aler		_ Depti	Artesia	n Flow	Found _		(honded) Water Wall Co	nstructor Certification	m:		
Was a wa	der analy	nis dan	e? [	] Yeu B	y whom	ــــــــــــــــــــــــــــــــــــــ			I accept responsibility	for the construction, al	teration, or ab	andonment s	work
Did any s	unia con	tạin wa	dar pot m	ilable for	intende	d use?	☐ To	o little	performed on this well du performed during this tim				
Salty	Muc	My [	Oder	Color	ed [	Other			construction standards. T	his report is true to the	best of my ke	inwiedge and	helief.
Depth o	á strátu:								1	į,	MMC N	umber 🙏	22
-									Signed Land	Alizard.		Date/ <u>k</u>	12.01
ORIGII	NAL &	FIRST	COPY-	WATER	RESO	URCE	S DEPA	RTMENT S	ECOND COPY-CONST	RUCTOR THIR	COPY-CU	STOMER	

Yes By whom

Did any strata contain water not auitable for intended use? Salty Muddy Odor Octored Other UNIO



MAR 0.5 2003 50333 STATE OF OREGON WELLID.#L<u>ダビダクフ</u> WATER SUPPLY WELL REPORT
(as required by ORS 537.765) WATER RESOURCES DEPT Instructions for completing this reput treet, APERON of this form (9) LOCATION OF WELL, by legal description: Well Number (I) OWNER: Name County Latitudo Lungitude Address Township N or S Range B or W. WML Section 1/4 City Tax Lot Block Subdivision New Well Deepening Alteration (repair/recondition) Ahandonment Street Address of Well (or nearest address) (3) DRILL METHOD: (10) STATIC WATER LEVEL: Rotary Air Rotary Mud Cable Other
(4) PROPOSED USE: Date ft. below land surface. Artesian prenure lb. per square inch. Date ☐ !rrigation (11) WATER BEARING ZONES: ☐ Domestic Community Industrial Thermal Injection Livertock (5) BORE HOLE CONSTRUCTION: Depth at which water was first found Special Construction approval [ Yes [ No Depth of Completed Well Explosives used Yes No Type **Entimated Flow Rate** SWI. HOLE SEAL. Meterial Sucks or pounds T• (12) WELL LOG: How was seal placed: Method □ B Ground Elevation ☐ Other Backfill placed from ft. Lo Material SWL Malerial Rosalt Black + State Groen Clay Gray + Tan - Soft Rosalt Black State Groon 840 846 850 Gravel placed from £L. Size of gravel (6) CASING/LINER: T. Plantic Threade Pasall Gray Clay Gray-Sost+ Agea 96  $\bar{\Box}$ Basalt Gray esome Q 363  $\bar{\Box}$ Bosalt Alack+C 71 Final location of abox(s) (7) PERFORATIONS/SCREENS: Perforations Pasatt Gray+ Shale Green Method Material Screens Type From 104 Red Burte White Roon H ROWM+Clay Gray Shale Grean + White. Basan Black Shale Gr 907 (8) WELL TESTS: Minimum testing time is I hour (unbonded) Water Wall Constructor Certification: gaiwo?] □ Lynmb ☐ Bailer 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 Drill dem er Time: Yield galind Drawdowa and belief. (bonded) Water Well Constructor Certification: Depth Artesian Flow Found

THIRD COPY RECEIVED BY OWRD ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SECOND COPY-CONSTRUCTOR

Signed Cripleto

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

Depth of strate:

Deta 2 -/1-01

WWC Number 1399

MAR 0.5 2001

UNIO 50833



STATE OF OREGION

WATER SUPPLY WELL REPORT
(Georgiand by ORS 537.765) WATER RESOURCES DEPT

Instruct	ianı fir	CO000	ietina ibia n	TP OF	•	Line	CALLED OF CD	s form.					
(I) OWN	er:				W	ell Nur	mber		(9) LOCATION OF				
Name					-					Latitude			
Address									Township	N or S Range		EorW	/. WM.
City (2) TYPE	OFU	ODV		State	<u> </u>		Zip		Section	ut Block		1/4	
			ng 🗌 Alter	ntion to	ensirin	econdit	ion) 🗆 Ab	domest	Street Address of Wel	l (or nearest address)			
(3) DRIL				and the	-			- Advisionalii	0200111020101111	_			
•			ryMud [	Cable		Aug	cr		(10) STATIC WATE	R LEVEL:			
Other			_			_ `	·		ft. bel			Date	
(4) PROI	OSE	USE					·		Artesian pressure		re ench.	Date	
Domest		□ Com		јист г		_	lerigation		(11) WATER BEAR	NG ZONES:			
_ Therma		Injec		] j.jver			Other						
			NSTRUC						Depth at which water was	ferst found			
			OVAL TYPE							To	F	413	Leve
	ole	1 181	□ No Ty		EAL	_ ^	illionis:		Fron		BRUMAL	d Flow Rate	SWL
Diameter		ть	Muteri		From	Te	Sacks or				-		+-
1		□" I		‴ [	ا """			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					1
										L			
									(12) WELL LOG:				
How was a	eri bjec	ad:	Method	<b>□</b> *		В (	]c []	D 🗆 5	<b>(,</b>	Bevalien			
Other											7		
Beckfill pla					u.	Mater			Clay + Shile		From	017	5WL
Gravel plac			ft. to_	-	fi.	Size	af gravel		BasaH Black		910	913	
(6) CASI						<b></b>					913	920	
	e mele r	Free	m ]s (	Gange 1		Plants	_	Threades	Chy GrayGreen	Site of Source	920	722	-
Caring:		+							Pasalt Bray	THURST PLEEN	7.64	923	
_		+	1 1					ä	Bosott Back+GR	wal by what	323	925	
-		<del>                                     </del>	1 1	$\neg \neg$		H	H		Class Green+G	W. Revis Rive	125	926	
Line <del>.</del>		<del> </del>			ŏ		ă	Ħ	Rasall Black +	lox Gray	486	727	
					ñ	ñ	ñ	Ħ	LLAY GROWN + C				
Final locati	on of a	hon(±)_							Black.			92B	
(7) PERF	ORA	CONS	SCREEN	S:					Pasa HBlack		923	935	
☐ Parfo	rations	1	Method						C/ax Brown+6	MICH - SONT	935	938	
☐ 5 cm	E (1)		Гуре				storial		Break Black +			943	
From ,	To			Diem	aler ,	Tele/pi	ipe C <u>sel</u> s		Boson Grov +		743	949	
		-		₩			_ 🛮	₽	Good + Gray +		949	351	
		_					_ 📮		Bosat Gorytic			770	
		+-							Basa H Penin	TOWNITZ ISPN	MH 10	472	
		+	_	<del> </del>			<b>-</b> H		Baco H Ring b	+CbyGmy+	972	7/4	
									Quartz White		1,7,7	974	
(8) WELL	LTES	TS: M	linimum te	entine	time i	s l ho	ur		Date started		eleted	<u> </u>	
,	_ ,								(unbanded) Water Well				······································
Pum	•		lai)er		Air			wing terian		i performed on the com		ration, or sha	ndo <b>n</b> meni
Yield go		_	gard-trans		rill stee	n M		Time	of this well is in complias Materials used and inform	ace with Oregon water :	apply well a	onulrection da	erdards.
								( hr.	and belief.			on mil sm	augs
											WWC N	umber	
				l					Signed			Data	
Temperatur		_		Depth A			Found		(bonded) Water Well Co				
Was a wate				fee By					l accept responsibility performed on this well du	for the construction, all ring the construction de	eration, or al	andonmeni w	urk **
•			er not quitab				☐ T∞	liule	performed during this lim	e a a complance with	Uregon wat	it ealbhigh ase∥	
	_	dy 📋	Odor 🔲	Colorec	a [	Cuher			construction standards. T	ms report is true to the	-	· · · · · ·	telief.
Depth of st									.7 //		WWC N	INTEREST / 5 '	1'1
1 Mahrill of 11									Signed (-) along	1		Date 1	2-01



STATE OF OREGON

MAR 0 5 2001

UNIO 50833

WATER SUPPLY WELL REPORT
(us required by ORS 591.765) WATER RESOURCES DEPT
Instructions for completing this report Prince (ERECOM) of this form.

	i		
WELL, I.D. # L. /- 42/69-72	٤	71,	.,
START CARD # 114185	-		
a IARI CARLIW <u>III III II</u>			

(1) OWNER:		We	sii Number			WELL, by legal desc			
Name					County	Latitude	Lo	ngitude	
Address				a:	Township	N or S Range			/. WM.
City	VARY	State		Zip	Section	1/4_		1/4	
(2) TYPE OF			لأعمينا فالقبيب	- Abradaman		Let Block oil (or nearest addrson)			
(3) DRILL ME	Deepening Alter	enuu (uchenite	CONCELLINE	Acangonment	2020 VOOLER OF M	all (of UseRert Scorters) -			
	Rotary Mud	Touble F	Auger		(10) STATIC WATE	DIEVEL			
Other	☐ Korsky Wing ☐	Transe [	Tvaller		1	jew jagai surface.		N-1-	
(4) PROPOSE	NIEP.				Artesian pressure		re inch	Date	
	Community	Industrial	∏ lmg	ahon	(II) WATER BEAR			-	
		Livestock			(11) WALLES	217(180)			
	LE CONSTRUC				Death at which water w	ne first found			
	inn approval   Yes		of Comple	ated Well 1L					
	Yes No Typ				From	To	Estimate	d Flow Kate	SWL
HOLE	<u></u>	SEAL	<del></del>		985	987		GPM	
Dismeter From	To Majort	ai From	To a	lacky <del>or</del> powede					
					(12) WELL LOG:				
How was seal pla	ced: Method	□^ □!	B 🗆 C	□D □E	1	nd Elevation		, ,	
Other								<b></b>	
Backfill placed fr	umft.Lo_	fL	Material_		Mater		From	To	SWL
Gravel placed tro		ft.	Size of gn	rvel	Bosott Grox		974	976	
(6) CASING/I	INER:					1+Shale Green		978	
Diameter	From To C	Janga Steel	Plastic 1	Welded Threaded	BosaH Gray	+ClayGmy+	978		
Curing:					Quartz Whit	4		981	
					Clay Black-		781	993	
						ox Block Gray		984	
					ChyGmy+S	hale Rlack	994	985	
Liner:					Basa H Black	-Shale Grown	985	987	
					BoscaH Gray	-ClayGray+	987		
Final location of					Shale Gree	<i>y</i>		1001	
(7) PERFORA	TIONSSCREEN	S:			Possalt Ros &	rownt State Gre	1001	1003	
Perforation	Method				Boscatt Black	-ChyGmy		1005	
Screem	Турс		Materi	al	Cay Gray		1005	1006	
From To	Slot size Number	Diameter	Tele/plye	Caring Linur	Bascutt Gray.	·Clay Gray	1006	1011	
		J			Clou Green-	-S6F+	1011	1017	
					Shake Gree	Pir	710	1081	
					LEAYGERY - S	Sortt	1021	1030	
					BOSG H Bloc	<u> </u>	1030	1036	
					Basa H Gra	2.Y	1036	1044	
					Basa H B la	<u>cł</u>	1044	1046	
(R) WELLTES	TS: Minimum t	enting time h	1 pont		Date started	Сотр			
				Flowing		l) Constructor Cartificat			
Pump	Hauler	☐ Air		Artesian		k I performed on the cons			
Vield gal/mig	Drawdown	Drill stem	i st	Time	Materials used and info	ance with Oregon water a reaction reported above at			
				) <u>hr.</u>	and belief.	-			_
							WWC Nu		
	<u> </u>	<u> </u>			Signed			()are	
Temperature of w		Depth Arterian	Flow Fou	nd	,	Constructor Certification			
Was a water analy		ies By whom_				y for the construction, alt turing the construction da			
•	illin water not entlik		•	Too little	performed during this to	me is in compliance with	Oregon water	r tupply well	
Sally Mu	duly 🗌 Delar 📋	Colored [	Other		construction standards.	This report is true to the	best of my kr	rowledge and	helief.
Depth of strata:					13 16	.1	WWC No		17_
					Signed (Called	bone.		_Date 1 1/	1.01
ORIGINAL & F	TRST COPY-WAT	ER RESOU	RCES DE	PARTMENT SE	ECOND COPY-CONST	RUCTOR THIRD	RECEP	Martin H3/	OWI

UNIO じついろろ



MAR () 5 200; STATE OF OREGON WATER SUPPLY WELL REPORT
(as required by ORS \$37.765)

Depth of strate.

WATER SUPPLY WELL REPORT (as required by ORS 537.765) [Instructions for completing this capacity of SALEM, Unlesson.]	START CARD # 114185					
(1) OWNER: Well Number	(9) LOCATION OF WELL by legal description:					
	County Latitude Longitude					
Name Address	Township N or S Range E or W. WM.					
City State Zip	Vertice 1/4					
Tity State Zip  1) TYPE OF WORK	Species 1/4 1/4 Tax Lot Block Subdivinus_					
2) ITPE OF WORK ☐ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonmen						
New Well Despendig American (repeatmentment) Americanian	2 Contract Mande and Author Short Contract Contr					
	(10) STATIC WATER LEVEL:					
Rotary Air Rotary Mud Cable Auger						
Other						
4) PROPOSED USE:	Artheign pressure Ih. per square inch. Date (II) WATER BEARING ZONES:					
Domestic   Community   Industrial   Irrigation	(II) WAILE BEARING LUMBS:					
Thornsal Injection Livestock Other	• Les and a superior of the su					
(5) BORE HOLE CONSTRUCTION:	Septh at which water was first found					
Special Construction approval Yes No Depth of Completed Well	F-					
Explosives used Yes No Type Amount	From To Estimated Flow Rate SWI					
HOLE SEAL	1006 1076 30 GPM					
Diameter France To Material Proces To Sacks or pounds	1091 1119 22 GPM					
	1150 1153 22 GPM					
	-					
	- (12) WELL LOG:					
How was seal placed: Method 🗌 A 🔲 B 🛗 C 🛄 D 🛄 I	Ground Elevation					
Other	-					
Backfill placed from ft. to ft. Material	Meterial From To SWI.					
Gravel placed fromft. toft. Size of graval	Clay Green-Soft 1046 1052					
6) CASING/LINER:	Boso H Ribek Brown + Shale Gran 1058 1057					
Dismotor From To Gauge Steel Plattic Weldel Thrends						
Capting	Barat Gray-Shale Green 1061 1066					
	Bosat Black (indes Red 1066 1076					
	RosattGray+ Shale Groven 1076/091					
	BosattGmy+ClayGray 1091 1119					
iner:	BasatiGray Retickay Gray 1119 1121					
	Bosatt Reat Shale Green VIII VIA3					
Final location of abor(s)	Cinden Red Shale Green 1123 1143					
7) PERFORATIONS/SCREENS:	Cinder Riack & Chale Green 1143 1150					
Perforations Method	Boxal Gray+ Shale Green 1190 1153					
Screens Type Material	Basall Black-Shale Graph VI63 VI57					
Slot Trinipipe Prote To size Manuber Dismeter size Coding Line	Cinders Red+Rlock, Chale Green 1157 1161					
	The Contract of the Contract o					
	Bosof Block + Brown 1165 1169					
	Basatt Black+Clay Gray 1109 1174					
	Basatt Black+Cinters Red V/74 1180					
	BasaH Black UBO UBA					
8) WRLL TESTS: Minimum testing time is 1 hour	Date started Completed					
	(unbooded) Water Well Constructor Certification:					
Pump	I certify that the work I performed on the construction, afterstion, or abandonmen					
Yeard Drift stem at Time	of this well is in compliance with Oregon water supply well construction standards.					
1 hr.	<ul> <li>Materials used and information reported above are true to the heat of my knowledge and belief.</li> </ul>					
	WWC Number					
	Signed Date					
Temperature of water Depth Artesian Flow Found	(honded) Water Well Constructor Certification:					
Was a water analysis done? Yes By whom  Did any strata contain water not sultable for intended use? Too listle	performed on this well during the construction dates reported shows. 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.					
Salty Muddy Ddor Colored Other  Denth of strets:	WWC Number 4:57					

ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT. SECOND COPY-CONSTRUCTOR THIRD COPY-CUSTOMER

RECEIVED BY OWRD

Date 4. 14 -171

UNIO 501333



MAR () 5 2001 STATE OF OREGON

WATER SUPPLY WELL REPORT
(to required by ORS \$377.66) WATER RESOURCES DEPT
Instructions for completing this report artiCALSM(@GEGQN)form.

	7	<del> </del>		
WBLL I.D. # L		Ĺ.,	11.	<u>-</u>
START CARD # 14185				

(1) OWNER: Well Number							(9) LOCATION OF WELL by legal description:  County Latitude Longitude			
Address									E or	W. WM.
City	Suste Zip						Section	1/4	1/4	
(2) TYPE OF	WODY						lax LotL	of Black	Subdivision_	
			estion (res	ir ironndi	tion) [ Abandur				5454141	
(3) DRILLM			and trabe	A SCORE	TO LOUIS		DESCRIPTION OF MAIN	(or most are true out)		-
			C-Fi	<b>□</b>	ner .		(10) STATIC WATER	MAVALS		
Rosary Air	L. Rote	ту мий	c and	∏ Au;	ko				Data	
Other	OD 1/55							w land surface.	Date	
(4) PROPOS				. –	•		Artesian pressure		re inch. Due	
Domestic			_		LTigation Od		(II) WATER BEARI	NG AUNES:		
l'hermei			Livestoc	<u> </u>	Other			F 4 4		
(5) BORE H						_	Depth at which water was	tern lound		
Special Constru	errour rebb	roval 🔲 Ye	≖ □ No D	abilit of Co	mpleted Well	R.			7.1	
		☐ No Ty			Lmount		From	1'0	Estimated Flow Rate	SW1.
HOLE	i		SEA	L						
Diameter Free	m ॄ Te	Mater	rial Pro-	en To	Sadu or your	160				
		L								
		L			<u></u>		(12) WELL LOG:			
How was seel p	laced	Method	□^	<b>□</b> B	□c □p	□£	,	Elevation		
Uther										
Backfill placed	from	(1. to_	ft.	Mute	rial		Materia		From To	SWI.
Gravel placed fi			ft.	Size	of gravel		BOSOH GOOY +	CONCON	1/82 1/89	
(6) CASING	LINER	:					Rosalt Black H	Glay Gray	1/89 1/99	
Diamet	er Fra	en Te	Gauge Ste	ıl Masi	k Wolfed Th	rended	BounHGmy+SI	haleGreen	1193 1194	
Casing:							Boxal+Block-S		1194 1195	
·				i	ă	ō ∣	BasaHGrax+C	by Gray	1M5 1806	
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Liner:					ŏ		BOKAHGMY+G		1233 1238	
Lara	+	$\dashv$	┝┈┤┾	; ;	ă	H	BasattGray is		_1a38	
Final Incation of	f shoots)				U	٠ <sub>ا</sub>	Shale Green		1244	
(7) PERFOR		757777	NG.				BOSOH BROWN		1244 1857	
Perfectation		Method					Barat Gray+C	The Roll	1257 1260	
		_	<del></del>	1/	aterial		Basa Gmy+	ClayCony	12/0 1262	<del>                                     </del>
Screens	Sla			Tale)	des .		Paral Gray		1862 1301	<del>                                     </del>
From Te	1 +10	Numbe	ır <sub>)</sub> Disamete	r   146	· C <u>adl</u> eg	Lien	Basatt Black+	Since a Green	301 304	<del>                                     </del>
			-		_ 2		Bosen Black +C	TOUR DINA	1301 1304	<del>                                     </del>
			+	-						<del> </del>
			-	+	<u></u>		Barratt Black +	TAY COLORA	1306 1308	<del>  -  </del>
	-			-	📙		Basat Gray+C		1308 1311	<del>                                     </del>
	i				<u> </u>		Boxa H Brown			<del>                                     </del>
							BOOKH GROWT		1344 1323	L
(R) WELLTI	ES 12: 3	ه بدهانون	testing tir	pe is 1 be	our		Date started		pleied	
_	_		_		Plow us		(unbonded) Water Well			
Pump		Railer	□ Ai		Artesia		I certify that the work ! of this well is in complian		Mirection, alteration, or ab	
Yield gal/min	D	rawdown	Drill.	siem st	The		Materials used and inform	nation reported above a	re true to the best of my k	nowledge
						<u>u</u> .	and belief.			_
									WWC Number	
							Signed		Date	
Temperature of water   Depth Artesian Flow Found							(braded) Water Well Co	nd ructor Certification	n:	
Was a water an	alysis don	e?	Yes By wh	1001			I accept responsibility	for the construction, al	teration, or abandonment	work
Did any strata comain water not suitable for intended use?   Too little						•	performed on its well du performed during this tim	ring the construction di c is in compliance with	sias reported above. All s Oregun water garrier wa	work U
SAliy M							construction standards. T	his report is true to the	best of my knowledge an	d belief.
Depth of strata:	_							1	WWC Number 23	
-							Signed Color	do we	Date 2	13 01
							46 34 600			

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Well Number

Auger

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☐ Air

Drill stem at

Depth Artesian Flow Found

Gauge Steel

Imigation

Sacks or presedu

 $\square D$ 

Other

Пς

Size of gravel

Welded

Flowing Artesian

Plastic

Material

UNID 50833



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

State

Livertock

SEAL

New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abunduzment

Community Industrial

Special Construction approval [ Yes No Depth of Completed Well

Material

ft. to

ft. 40

Te

(I) OWNER:

(2) TYPE OF WORK

(3) DRILL METHOD:

(4) PROPOSED USE:

HOLE Prom

How was seel placed:

Backfill placed from

Gravel placed from

(6) CASING/LINER: Districtor Prod

Final location of shoe(s)

Perforations

Screens

☐ [\*ump

Yield gal/m

Temperature of water

Depth of strata:

(7) PERFORATIONS/SCREENS:

Method

(8) WELLTESTS: Minimum testing time is 1 hour

🔲 Bailer

Brandons

Туре

Other

('ming:

Liner:

☐Rotary Air ☐Rotary Mud ☐Cable

Injection

(5) BORE HOLE CONSTRUCTION:

Explosives used Yes No Type

Nume Address

City

□∩ther

☐ Domentic

Theresal

	OF WELL by lega				
County	Latitude		1.an	gitudo	
Township	NorSR	angs		E or V	v. WM.
Section		1/4		1/4	
Tex Lot	Lat [1]	nck	Su	bdivision_	
Street Address of	Well (or nearest addr	ćт) <sup></sup>			
10) STATIC WA	TER LEVEL: . below land surface.				
Ariesian oceanure	. DEIOW INCOSUPINCS.	er acuture i	nch. D	)M¢ 	
11) WATER BE	Ib. pe	,			
Depth at which water	was first found				
From	To		Estumated	Flow Rate	SW
1369	1371		25 G	PM	
			<del></del>		
i2) WELL LOG Gr	i: cound Elevation				
	nterial		From	Το	SWL
Basalf Light	Gov+ClayG	MY_	1333	1333	
SossAH Gray	+Shale.Goa	Ø.A	1333	1335	
Basalt Gra	жВсоюи		1335	1237	
BOSO HBIOC	K+Green		1357	1338	
	+ Sme Gree	<u> </u>	338	1341	
Bosoff Blac			1341	1343	
BasaHGO			1343	1353	
30 20 12 13 100	k+ Shale Go	en	358	1355	
<del>part plux</del>	West-TChyG	CAY	1355	1365	
	ck + Brown	\ <del>+</del>	365	100	
since Gra	PM		1472	12(do	
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woors Kip	ck+SmleGe	201			
BOSOH Bloc	K Vec.	·	1369	37	
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	TO SAM BY	ck.	1370	1376	
XISOT KIOCA	ACTON PAINT	mara.	<u> 9124</u>	13.4H	L
ate started	W.,, &	Complet			
I certify that the w	Well Constructor Ce; vork 1 performed on th pliance with Oregon s formation reported at	e country	ction, altera Ny well por	ertzuction et	andards
			MINE NAME	abar .	
laterials used and is			WWC Nun		
faterials used and in nd helief. gred	Il Canelructor Certif			Date	

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MAR 0.5 2061

UNIO 50033



STATE OF OREGON 40 90 7 WATER SUPPLY WELL REPORT RESOURCES DEPT WELL LD. # L. START CARD # 114185 (as required by ORS \$17.765) Instructions for completing this report are on the page of this form (9) LOCATION OF WELL by legal description: (1) OWNER: Well Number County i.atitude Longitude Name Address N or S Range E or W. WM. Section 1/4 Subdivision (2) TYPE OF WORK Tax Lot Lo Block Street Address of Well (or nearest address) New Well [ Deepening Alteration (repair/recondition) Abundonment (3) DRILL METHOD: (10) STATIC WATER LEVEL: ☐ Rotary Air ☐ Rotary Mud ☐ Cable Other ft. below land surface. Dete (4) PROPOSED USE: lb. per square inch. Artesian pressure Date (11) WATER BEARING ZONES: [ ] Irrigation Domertic Community lndustrial 🔲 Thempal Injection Livestock Other (5) BORE HOLE CONSTRUCTION: Depth at which water was first found Special Construction approval [ Yes [ No Depth of Cosspleted Well SWI. Explosives used Yes No Type Estimated Flow Rate GP/ SEAL HOLE Seels or people (12) WELL LOG: ΠE Method  $\Box c$ How was seal placed: Ground Elevation Other | SW1 M. To Hackfill placed from Material Material Basalf G 1394 MY+Clay GIDY Gravel placed from ľĹ Size of gravel Assalt Black+ClayGray 1405 (6) CASING/LINER: Τφ Gauge Plantic Welded Threade 1413  $\Box$ Casiru Black Shale Green 1415 1416 ā Basalt Gray + Colay Gray 1416 Basa H Black with Brown Cont + 1417  $\bar{\Box}$ ō 421 Shale Green 425 450 sold Gray & Lay Gray 142 inder + Shale, All Cobo *1425* Final location of shoe(s) (7) PERFORATIONS/SCREENS: asa HGray+Clay Gray 450 BASAHGMY Method [ Perforations Culders Redistrate Green Screens Material Турс 1519 From Basalf Black + Shale Green RoomHGm.Y+OneShale.Groen 1525 BasaH Black + Clay Gray Rasal Gray+Shale Green 1594 Basalt Black Vec. Shale Ga (8) WELL TESTS: Minimum testing time is I hour Date started Completed (unbonded) Water Well Constructor Certification: **Flowing** I certify that the work I performed on the construction, alteration, or shandomment 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 Bailer Air Artesian ☐ Pump Yield galleyin Drill stem at Drendone and belief. WWC Number (bonded) Water Well Constructor Certification: Temperature of water Depth Arterian Flow Found I accept responsibility for the construction, alteration, or abandonment work performed on this well thuring the construction dates reported above. All work performed during this time is in compliance with Oragon water supply well construction standards. This report is true to the best of my knowledge and belief. Was a water analysis done? Yes By whom Fild any strata contain water not suitable for intended use? Salty Muddy Odor Colored Other Depth of strate:

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Signed La Callet

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WELL I.D. # L.

STATE OF OREGON WATER SUPPLY WELL REPORT (as required by ORS \$37.765)

MAR O 5 ZUUI

START CARD # 1/4/85 Instructions for completing this report and the personnel for the form. (9) LOCATION OF WELL by legal description: (I) OWNER: Well Number Name ('ounty Latitude Longitude N or S Range H or W. WM. Address Township 1/4 State Section (2) TYPE OF WORK Rinck Tex Los Subdivision Street Address of Well (or nearest address) New Wall Deepening Alteration (repair/recondition) Abandonmen (3) DRILL METHOD: (10) STATIC WATER LEVEL: Rotary Air Rotary Mud Cable ☐ Auger it, below land surface. Other Date (4) PROPOSED USE: lh. per square inch. Date Arterian pressure (11) WATER BEARING ZONES: ☐ Domestic Community Industrial Irrigation Thermal Livestock Injection Other (5) BORE HOLE CONSTRUCTION: Depth at which water was first found Special Construction approval [ Yes No Depth of Completed Well Explosives used Yes No Type SWI. Estimated Flow Rate 0 GPM 200 GP HOLE SEAL 1617 Sacks or peands Frem Material 600 (12) WRLL LOG: How was seal placed: Mathed  $\Box c$ Ground Elevation ☐ Other Backfill placed from ft. to Material To SWI Material 563 Basalt Black+Cinden Ked AL to Size of gravel Gravei placed from (6) CASING/LINER Basalt Gra x+ShaleGreenz 614 alcite White Diameter Te Gauge Steel Willed Must Thrested BosaHBlack-Cindes Red+ Curing: ō Clay Gray + Punctz White 615 Shale Orange Red + Cindes 615 О 617 1634 Loser: asaH Black + Gray indos Blacks Shale Groen Final location of three(s) (7) PERFORATIONS/SCREENS: Shale Graen 1650 Perfondions ment Clay Green 1673 Method Material Basatt Black Vec-StateCorrell675 Screens Tele place BasaH Block + Crinder Black+ 1708 DL Shale Green 724 under Block + Red Rlack BasaH Black unders Red & Black & Quarte Green like Glass (8) WELL TESTS: Minimum testing time is I hour Date started Completed (unboaded) Water Well Constructor Certification: Flowing Artesian 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 Pump ☐ Hailer ☐ Air Drill dom of Yield gallenia Drumdom l hr and belief. WWC Number (bonded) Water Well Constructor Certification: Depth Artesian Flow Found Temperature of water I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported shows. 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. Was a water analysis done? Yes Hy whom Did any strata contain water not suitable for intended use? Sulty Muddy Odor Octored Other Depth of strate: WWC Number 2399 Signed & Co Date 9--/13

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THIRD COPY-CUSTOMER



MNIO らくどうろう MAR (1.5 2001 STATE OF OREGON 102 WELL I.D. # I. 500 WATER SUPPLY WELL REPORT (as required by ORS 537.765) START CARD# <u>1/4/8</u>5 Instructions for completing this research RESOLUTIONS (9) LOCATION OF WELL by legal description: (I) OWNER: Wall Number Name County Latitude Longitude Address Township N or 5 Range E or W. WM. Zip Section 1/4 City (2) TYPE OF WORK Lot Subdivinion Hlock Street Address of Well (or nearest address) New Well Deepening Alteration (repair/recondition) Ahandonmen (3) DRILL METHOD: (16) STATIC WATER LEVEL: Rotary Air Rotary Mud Cable Other \_\_ ft. below land surface. Date (4) PROPOSED USE: Аленья режиме 16. per square inch. Date (II) WATER BEARING ZONES: Community Industries Irrigation Domestic ☐ Thermal Lipotion .ivestock ☐ Other (5) BORE HOLE CONSTRUCTION: Depth at which water was first found Special Construction approval TYOU No Depth of Completed Wall SWL Explosives used Yes No Type From Estimated Flow Rate 1924 SEAL. 241 GPM HOLE Sucha ar post (L2) WELL LOG: □B  $\Box$ D □E How was seel placed: Method Ground Hevation ☐ Other SWI. ñ. Material From Τo Backfill placed from ft. to Meterial BasaH Gray+Green BasaH Gray+Scmel **777** Ciraval placed from ft. to Ĥ. Size of gravel 784 (6) CASING/LINER: Red + Clay Gray Te. Counge Missel Walded Threaded Carine: Ò under Red-Black+ 1831 1833 1833 1842  $\bar{\Box}$ 1942 Shule Green 85 Basalf Gray Final Incation of shoe(s) (7) PERFORATIONS/SCREENS: Perforations Mathod Material □ Screens Diam ō (8) WELL TESTS: Minimum testing time is 1 hour Date started Cumpleted (unbonded) Water Well Constructor Cartification: Flowing I certify that the work I performed on the construction, alteration, or abandumment 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. Artesian Pump ☐ Beila ☐ Air Drill stem at Time Yield galleds and belief. I br. WWC Number

Date <u>2-/1-0(</u> ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SECOND COPY-CONSTRUCTOR THIRD COPYRECTE WED BY OWRD

Depth Artesian Flow Found

Yes By whom

Did any strata cumtain water not stritable for intended use? Saliy Muddy Odor Olored Other (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.

Date

WWC Number 1349

Temperature of water

Depth of strate:

Was a water analysis done?

File Number: E16324R / 15-2589()
After recording return to.
Eastern Oregon Title, Inc.
1601 Adams Avenue
La Grande, OR 97850
Until a change is requested all tax statements shall be sent to
the following address:
Michael E. Kruse and Kristen A. Kruse

20150709

POBOX90 Inbler 02 97841

### PERSONAL REPRESENTATIVE'S DEED

THIS INDENTURE Made this \( \frac{1}{3} \) day of March, 2015, by and between Kim Peck the duly appointed, qualified and acting personal representative of the estate of Roland E. Smith, deceased, hereinafter called the first party, and Michael E. Kruse and Kristen A. Kruse, husband and wife, as tenants by the entirety hereinafter called the second party; WITNESSETH:

For value received and the consideration hereinafter stated, the receipt whereof hereby is acknowledged, the first party has granted, bargained, sold and conveyed, and by these presents does grant, bargain, sell and convey unto the said second party and second party 's heirs, successors-in-interest and assigns all the estate, right and interest of the said deceased at the time of decedent's death, and all the right, title and interest that the said estate of said deceased by operation of the law or otherwise may have thereafter acquired in that certain real property situate in the County of Union, State of Oregon, described as follows, to-wit:

The Northeast quarter of Section 30, Township 1 South, Range 39 East, of the Willamette Meridian, Union County, Oregon.

(01S39-9100, & 01S39-9200; Ref Nos. 11191 & 11192)

TO HAVE AND TO HOLD the same unto the said second party, and second party's heirs, successors-in-interest and assigns forever.

The true and actual consideration paid for this transfer, stated in terms of dollars, is \$346,000.00.

IN WITNESS WHEREOF, the said first party has executed this instrument; if first party is a corporation, it has caused its corporate name to be signed hereto and its corporate seal affixed by its officers duly authorized thereunto by order of its Board of Directors.

SIGNING OR ACCEPTING "BEFORE INSTRUMENT, THE PERSON TRANSFERRING FEE TITLE SHOULD INQUIRE ABOUT THE PERSON'S RIGHTS, IF ANY, UNDER ORS 195.300, 195.301 AND 195.305 TO 195.336 AND SECTIONS 5 TO 11, CHAPTER 424, OREGON LAWS 2007, AND SECTIONS 2 TO 9 AND 17, CHAPTER 855, OREGON LAWS 2009, AND SECTIONS 2 TO 7, CHAPTER 8, OREGON LAWS 2010 THIS INSTRUMENT DOES NOT ALLOW USE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT IN VIOLATION OF APPLICABLE LAND USE LAWS AND REGULATIONS. BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON ACQUIRING FEE TITLE TO THE PROPERTY SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY THAT THE UNIT OF LAND TRANSFERRED IS LAWFULLY ESTABLISHED LOT OR PARCEL, AS DEFINED IN ORS 92.010 OR 215.010, TO VERIFY THE APPROVED USES OF THE LOT OR PARCEL, TO DETERMINE ANY LIMITS ON LAWSUITS AGAINST FARMING OR FOREST PRACTICES, AS DEFINED IN ORS 30.930, AND TO INQUIRE ABOUT THE RIGHTS OF NEIGHBORING PROPERTY OWNERS, IF ANY, UNDER ORS 195.300, 195.301 AND 195.305 TO 195.336 AND SECTIONS 5 TO 11, CHAPTER 424, OREGON LAWS 2007, AND SECTIONS 2 TO 9 AND 17, CHAPTER 855, OREGON LAWS 2009, AND SECTIONS 2 TO 7, CHAPTER 8, OREGON LAWS 2010."

Kin Peck, Personal Representative of the Estate of Rolund E. Smith, Deceased.

State of Organ

Signed or attested before me this 13 day of March, 2015

By:

Notary Public for Yeaso My Commission Expires: 9(19/2017

OFFICIAL STAMP
CATHY LAWGATES
NOTARY PUBLIC-OREGON
COMMISSION NO. 920105
BY COMMISSION EXPIRES SEPTEMBER 19, 2017

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AUG **24** 2015

Page 1 of

County of Union

I preserve that this instruments was received and recorded in the book of records of said county.

ROBIN A. CHURCH Union Couper Clerk

by:

DOCO 20150729

RCPT: 174554

3/16/2015

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SALEM, OR

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