FEB 2 5 1994 *STATE OF OREGON WATER WELL REPORTATER RESOURCES DEPT. (START CARD) # 16158 (as required by ORS 537.765) SALEM, OREGON (1) OWNER: (9) LOCATION OF WELL by legal description: Well Number:_ Name City of Bend Deschutes County Address P.O. Box 431 E or W. WM. Bend, State OR (2) TYPE OF WORK: Block Subdivision. X New Well Deepen Recondition ☐ Abandon Street Address of Well (or nearest address) _ (3) DRILL METHOD Rotary Air Rotary Mud Cable WATER RESOUR JE 1 1 2 STATIC WATER-LEVEL: ☐ Other SALEM, OREGON 376 Date 10/8/90 ft. below land surface. (4) PROPOSED USE: Artesian pressure. lb. per square inch. ☐ Domestic **E** Community ☐ Industrial ☐ Irrigation (11) WATER BEARING ZONES: ☐ Thermal ☐ Other ☐ Injection Depth at which water was first found __ 5) BORE HOLE CONSTRUCTION: pecial Construction approval Yes No From Depth of Completed Well To Estimated Flow Rate SWL \mathbf{x} No 389 396 75 376 X Explosives used Type _ Amount 417 488 300 376 HOLE SEAL 690 812 1500 376 Diameter From To Material From To sacks or pounds 16" 0 497 cement 0 1333.33 (12) WELL LOG: 8 497 81 . Ground elevation Material From SWL Top Soil Pinhole Lava Black 20 Other _ Black Lave 20 25 Backfill placed from _____ _ft. to _ _ ft. Material Broken Black Lava 25 Gravel placed from _365 ft. to 495 ft. Size of gravel Pea Black Lava Solid 32 39 CASING/LINER: Red Cinders 39 50 To Gauge Steel Plastic From Welded Threaded Red Gravely Pumice(muddy) 50 8.1 5x Black Lava 81 90 \square Broken Blk Lava & Red 90 120 П Broken Black Lave 120 133 П Black Lava (Hard) 133 139 \Box Liner: Mild Brown Lava Muddy 139 165 Red Cinders 165 183 inal location of shoe(s) Brownm Sand & Pumice 183 192 PERFORATIONS/SCREENS: Brown Sand & Gravels 192 203 Brown Conglomerate M Perforations Method Factory 203 209 ☐ Screens Broken Black Lava 209 Material 212 Black Lava (hard) Slot 212 237 Tele/pipe From Number Diameter size size Casing Liner Pink Lava 237 286 Brown Lava 286 297 497 <u>1/4"</u>1920 417 X Grey Lava 297 307 Brown Lava 307 323 Red Cinders 222 354 /5 /90 Date started _ Completed П П (unbonded) Water Well Constructor Certification: (8) WELL TESTS: Minimum testing time is 1 hour I certify that the work I performed on the construction, alteration, or Flowing abandonment of this well is in compliance with Oregon well construction X Pump ☐ Artesian ☐ Bailer ☐ Air standards. Materials used and information reported above are true to my best Yield gal/min knowledge and belief. Drawdown Drill stem at Time 550 24 454 24 1\hr. (bonded) Water Well Constructor Certification: 52° I accept responsibility for the construction, alteration, or abandonment Temperature of water . Depth Artesian Flow Found work performed on this well during the construction dates reported above. all Yes By whom Was a water analysis done? work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and Did any strata contain water not suitable for intended use? Too little ☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other belief. Depth of strata: Signed _ ORIGINAL & FIRST COPY - WATER RESOURCES DEPARTMENT SECOND COPY - CONSTRUCTOR THIRD COPY - CUSTOMER 9809C 3/88

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

FEB 2 5 1994

(as require	VELL	REPORT 537.765)	WATER SA	RESOL LEM, (JRCES DEFT. OREGON	7108	(START CARD) #_		58		
(1) OWNER: Well Number 3						(9) LOCATION OF WELL by legal description:					
Address P O Box 431						County	<u>Latitude</u>	*	Longitude	<u> </u>	
City Ben			State	٥٧	7in 0 7 7 0 1		N or S. Range				v. wm.
(2) TYPE OF WORK.						Section			}	4	
☐ New Well			econdition		RECEIVE Landon		LotBlock				
(3) DRILL M	/ETHO	en LR	econdition		bandon = E	Street Address of	Well (or nearest address))			
DETERMINE		D:	- ·		OF O = VAM	0.4					
Cotary Air	. ЦК	otary Mud . I				410) STATIC W				-	
Other	ED YIOT	3		WAT	FRRENOURS	S DEPT.	below land surface.	-5	Date		
(4) PROPUS	ED OSE	53		11()	SALEM ORFO	Artesian pressure	below land surface. lb. per so CARING ZONES:	quare incl	ı. Date		
☐ Domestic	Com	nunity 📙 In	dustrial	∐ Irriga	ition	(11) WATER BE	CARING ZONES:				
Inerman	∟ injeci	ion u	ther						•		
(5) BORE H						Depth at which wate	r was first found				
Special Construction	approval	└ Yes └ No	Depth o	of Comple	eted Wellft.						
Explosives used	☐ Yes L	∟ No Type_		,–An	nount	From	To	Estim	nated Flow	/ Rate	SWL
HOLE			SEAL		Amount						
Diameter From	То	Material	From	То	sacks or pounds		-				
		-									
·						(12) WELL LO	G:				
	LL_					1	Ground elevat	tion			
How was seal pla			в 🗆 с	\Box D	Ε						
Other							Material	,-	From	То	SWL
Backfill placed fro	om	ft. to	ft. Mater	ial		Brown lav	a (hard)	-	354	360	
Gravel placed from	n	ft. to	ft. Size o	of gravel			(hard)	-		373	
(6) CASING/	LINER:		,								389
Diameter	From	, To Gaug	e Steel	Plastic V	Velded Threaded		glomerate		391		303
Casing:				\Box			It Fratured		412		
	-					Red Cinde	r Conglomerā	+ 0		478	
						Grev Basa	I-t	LE	478		
·							ed Conglomer		500		
Liner:			┨╏-				Basalt				
				n		Brown Bas			512		
Final location of shoe(s)						Red Basal			540		-
(7) PERFORATIONS/SCREENS:						Red Basal			550 554		
Perforation	ons					Brown Bas					
☐ Screens		Туре		Material					559		·
	Slot	J.F				Red Basal	ed_Conglomer +			571	
From To	size	Number Dia	meter s	e/pipe :ize (Casing Liner					579	
		1 1 .	1			Soft Red			579		
			- -	 :		Hard Brow			594		
				 			own Basalt		606		
						Hard Brow			607		
-	T	- -				Fine Cong	lomerate ·		620		
		<u> </u>					ed Cinders		630	690	
(8) WELL TE	STS: M	linimum tes	ting time	is 1 ho	our		tinued on pa				
☐ Pump	□ Ba		Air		Flowing	Date started		pleted			
- Li Fump	LJ Ba	ner <u>r</u>	」 Air	- · L	Artesian		ell Constructor Certifica			_	
Yield gal/min	Draw	down]	Drill stem a	ıt	Time	ment of this well is in	work I performed on the compliance with Oregon w	construction	on, alterat	ion, or a	ıbandon-
					1 hr.	used and information	reported above are true to	mv best	knowleds	nuarus. N	laterials
					1 111.		, mo mo ma				
									WWC Nu	mber	
						Signed Date					
77							Constructor Certification				
Temperature of Wa	iter	Dep	th Artesian	Flow Fou	ınd	I accept responsib	ility for the construction, a	lteration	or abando	nment w	ork per-
Was a water analys						formed on this well du	ring the construction dates	reported.	above All	l work ne	erformed
Did any strata cont						is true to the best of r	ompliance with Oregon we my knowledge and belief.		ction stand		-
Depth of strata:				_	_	Signed			Date		
ORIGINAL & FIR	ST COPY	- WATER RE	SOURCES	DEPART	MENT SECON	ID COPY - CONSTRU	CTOR THIRD COL			091	09C 10/01

SECOND COPY - CONSTRUCTOR

THIRD COPY - CUSTOMER

9809C 10/91

STATE OF OREGON

FEB 2 5 1994

Desc 9/08 185/12E/7db

WATER WELL REPORT WATER RESOURCES DERI SALEM, OREGON

(START CARD) #__

16158

			OAL	CIVI. UR	EGUN					
(1) OWNER: Well NumberName City of Bend						(9) LOCATION OF WELL by legal description:				
						County	Latitude	Longitud	le	
Address P 0		(431		·		Township	N or S. Range_		E or W	V. WM.
City Ben			State ()	r	Zip 97701					
(2) TYPE O	F WO	RK:		DE	FFILIPA	Tax Lot	LotBlock	kSubc	livision	
New Well	De	epen 🗀 Reco	ndition		andon V		Well (or nearest address			
(3) DRILL M	ÆTH	OD:								
Rotary Air		Rotary Mud 🔲	Cable	MΔ	Y - 9 100A	(10) STATIC WA	TER LEVEL:			
Other					=	Α.	below land surface.	Da	ie.	
(4) PROPOS	ED U	SE:	A.A.	ATERR	ESOURCES DE	PT Artesian pressure	lb, per s	onane inch Da	· ·	
Domestic	□ со	mmunity 📮 Indu	strial	SALE	M. OREGON	(11) WATER BE	ARING ZONES:	quage nion. Da	<u> </u>	
☐ Thermal	Ini	ection				(II) WILLIAM DE	Multi Zoltes.			
		CONSTRUCTION				Donth at which water	was first found			
		il 🗆 Yes 🗆 No		of Comple	ted Well A	Depth at which water	was first found			-
		No Type				From * To Estimated Flow Rate SWL				
Explosives used	1C8	E I NO Type		Am	ount	11011	10	Estimated 1 R	W Rate	SWL
HOLE Diameter From	nr.		AL	m	Amount					
Diameter From	i io	Material	From	To	sacks or pounds			<u> </u>		
\ 	1				·					
	 					<u> </u>	1			<u> </u>
	<u> </u>					(12) WELL LOC				
							Ground eleva	tion		
		ethod 🔲 A 🔻 🖺 B		D.	.∟E				-,	·
							Material	From		SWL
		ftto ft.				Red Cinde		690		<u> </u>
		fttoft.	Size	of gravel		Red Cinde	rs	710	812	
(6) CASING/										'
Diameter	1	m To Gauge	Steel	Plastic V	Velded Threaded					<u> </u>
Casing:					Ц., Ц.	-				
				Ц.				-		Ĺ
· · · · · · · · · · · · · · · · · · ·										
Liner:										
	l					- '				
Final location of	shoe(s)	-								
(7) PERFOR	ATIO	NS/SCREENS:								
Perforat	ions	Method								
☐ Screens		Туре		Material						
	Slo	•		le/pipe					T	
From To	siz				asing Liner					
				'	ППП					
				7					ļ	
						-			-	
				m. ·					 	
-		- `-							·	
-									 	
(8) WELL TI	ESTS:	Minimum testi	ng tim	e is 1 ho	our					L
	_				Flowing	Date started		mpleted		
Pump	Ш	Bailer	Air	. L	☐ Artesian ☐		ell Constructor Certific			
Yield gal/min	Dr	awdown Di	ill stem	at	Time	I certify that the	work I performed on the	construction, alte	ration, or	abandon-
						ment of this well is in	compliance with Oregon reported above are true	well construction	standards.	Materials
		-			1 hr.	asou and midilitation	reported above are true	w my best knowle	uge and b	CHCI.
	-					<u> </u>	rest in the second seco	wwc :	Number _	
								Date	_	
						***************************************	Constructor Certificat			
Temperature of W	/ater	Depth	Artesia	n Flow For	ınd		ility for the construction,		donment v	work ner-
Was a water analy					formed on this well du	ring the construction date	es reported above.	All work p	erformed	
		ter not suitable for i				during this time is in c	ompliance with Oregon w	ell construction st	andards. T	his report
		Odor Colored				· ·	my knowledge and belief	TT 744 T.C	Number_	
	-					Signed				
~ opan or stram						~.@.i.cir		Date		