#### STATE OF OREGON

NOV 1 5 2001 WATER SUPPLY WELL REPORT
(as required by ORS 537.765)
Instructions for completing this report are on the last page of this form.

<i>}</i>	71	5	2 DESC	54251	

WELL	ID#	L52414

(START CARD) # 136883

(1) OWNER:			Vell-Nur	nber: Bear	Crk#2	(9) LOCATION OF W	ELL by legal des	scription:	ongitude.	
Address P.O. E	f Bend Box 431		State /		701	Township 17S N Section 33	SE	E E or 1/4 SE	W. of W	
	MODIC			NK 24 31	<u> </u>	Tax lot 100 Lot Street Address of Well (c	Block	Subdivi		
(2) TYPE OF		1 <sup>™</sup> 7 <b>4.</b> 4.		_ atat \	<b>A</b> L	OR 97701	i riodiost doctioss)	3/3 Forbes N	u., be	n <b>d</b> ₊
X New Well		g []Alte	eration (repair/reco	nation)	Abandonment	(10) STATIC WATER	) I EVEL:		<del></del>	
(3) DRILL ME	THOD:					652 ft. below	v land surface.	Da	te 10/3	0/01
X Rotary Air	Rota	ry Mud	X Cable	Au	ger	Artesian pressure	lb. per squ	uare inch. Da	te	
Other						(11) WATER BEARIN	IG ZONES:			
(4) PROPOSI	ED USE:					Depth at which water wa	s first found 650			
Domestic	X Com	-	Industrial	and the s	gation			r- =		7
Thermal	Injec	tion	Livestock	Ot	ner	From <b>650</b>	To <b>771</b>	Estimated Flow 800-900	Rate	SWL 621
(5) BORE HO	LE CON	ISTRUCT	TION:			795	845	1000		652
Special Construct	ion approva	I ∐Yes [	XNo Depth o	of Completed \	Vell <u>1100</u> ft.	950	977	1000		652
Explosives used	Yes X	No Type		Amount		1055	1100	5000		652
HOLE Diameter From	То	Mate	SEAL erial From	To saci	Amount s or pounds	(12) WELL LOG:				
20in 0		Cement			•		Ground elev	vation		
	975 0	Cement		195 220	sacks	M	aterial	From	To	SWL
12in 975	1100					Brown Top Soil & B		0	7	
	++-					Brown & Gray Basa	<u>lt</u>	7	110	ļ
	<del></del>					Soft Sandstone		110	112	
How was seal pla	ced: Metho	d []A	_в <b>х</b> с	D NE		Broken Lava Tan Sandstone			140 162	+
Other		1000				Hard Gray Basalt			175	†- <b>-</b>
Backfill placed fro	m <b>195</b>	ft. to 745	ft. Material	Bentonite		Brown Pumice		175	200	İ
Gravel placed fro	m	ft. to	ft. Size of g	ravel	<del></del>			200	227	
(6) CASING/L	INER:					Red Cinders		227	233	ļ <u>.</u>
Diamet		To G	auge   Steel F	Plastic Weld	ed Threaded	Brown Pumice & Sa	ndstone		247	ļ
	1 +1.5		.375 X	[] X		Hard Gray Basalt Brown & Gray Broke	on Popoli	247 287	287 291	ļ
		1.3.3.				Hard Gray Basalt &		291	291	ļ
						Sandstone	<u> </u>		360	† · · · · ·
						Brown Sandstone C	onglomerate	360	393	1
Liner: 10is	า 765	1100	.250 X	X		Hard Gray Basalt		393	475	
Final location of sl	hoe(e)				LJ	Red Cinders	14	475	499	ļ
						Brown & Gray Basa Tan & Brown Sands		499	563	ļ
(7) PERFORA	ATIONS/S	SCREEN	S:			Conglomerate	roue	563	594	<del> </del>
X Perforation	ns l	Method Fa	ctory Saw			Hard Gray & Brown	Basait	594	650	t
Screens	•	Туре	Ma	aterial		Brown Sandstone W		650	771	621
F T-	Slot	Mumahas	Tele/p		a liman	Hard Gray Basalt		771	795	621
From To <b>768</b> 1100	3/16	Number 13280	Diameter Siz	e Casin	g Liner   <b>X</b>	Red Cinders WB		795	818	652
700   1100					i	Continued on next p	_			1
					[]]	Date started 2/6/01	Comp	leted 10/30/01		
	ļ			[]	Ę	(unbonded) Water Well				
<u> </u>	<u> 1</u>	1				I certify that the work I per				
(8) WELL TE	STS: Mir	nimum te	esting time is	1 hour		of this well is in compliance was Materials used and information	• ,,	•		
X Pump	Bail	ler	Air	Flov	ving Artesian	belief.	on reported above are t	ide to my best kin	Jwieuge i	anu
	E		* appeared	22.7	· ·			WWC Numb	er	
Yield gal/min	Drawo	down	Drill stem at		Time	Signed		Date		
1400		9.5	720	24	nr.		<del></del>			
						(bonded) Water Well Co	onstructor Certifica	ation:		
						l accept responsibility for the				
Tanamanahara afta	latar ==		anth Artasian Flow			performed on this well during				k
Temperature of W Was a water analy			epth Artesian Flow By whom <b>City o</b>			performed during this time is construction syndards. This				elief
Did any strata con				Too lit	de	1 1	A 1.	WWC Numb		
	idy []Od					Signed Toler	Ducken	Date 11/7/		<b>y</b>
Depth of strata:						Robert Buckne	er .	3.021	· · · · · · · · · · · · · · · · · · ·	
ODICINAL P.F.					ICAIT OF C	CND CODY CONSTRUC		001/ 01/070		

## STATE OF OREGON DESC 54251

AFER SUPPLY WELL REPORT (4s required by ORS 537.765)

frequired by ORO 337.703)
tructions for completing this report are on the last page of this form.

WEL	L ID	#	L	5	24	1	4

(START CARD) # 136883

instructions for c	ompleting this repo	ort are on the last page	Of this form			<u>Р</u>	age 2	
(1) OWNER:		Well Numbe	Bear Crk#2	(9) LOCATION OF W	ELL by legal descript	ion:	1 14 14-	
Name City of	f Bend	,		County Desch Township 17S	utes Latitude Lor S. Range 12E		r W. of W	
Address P.O. B	lox 431	State OR	Zip 97701	Section 33	SE 1/4	SE	1.	/4
(2) TYPE OF			<u> </u>	Tax lot 100 Lot	Block or nearest address) 1375 F	Subdiv		·
New Well		alteration (repair/recondit	Han) [ ] Ahandanmant	OR 97701	13/5 F	orpes i	{a., Be	ng,
		iteration (repair/recondit	tion) Abandonment	(10) STATIC WATER	PI EVEL:			M
(3) DRILL ME		e i mu		ft. belov	v land surface.	D	ate	
Rotary Air Other	Rotary Mud	Cable	Auger	Artesian pressure	lb. per square inc	h. Da	ate	
				(11) WATER BEARIN	IG ZONES:			
(4) PROPOSE		f* 1.	1 "1	Depth at which water wa	s first found			
Domestic   Thermal	Community	Industrial Livestock	Irrigation Other	From	To Esti	mated Flov	v Rate	SWL
								- UNL
• •	LE CONSTRUC		completed Well ft.					ļ
Explosives used	on approval Yes Yes No Typ		Amount					
HOLE	f	SEAL	Amount	(12) WELL LOG:				
Diameter From	To Ma	aterial From 1	To sacks or pounds	(12) WELL LOO.	Ground elevation			
				N	aterial	From	То	SWL
	<del>  </del>			Hard Gray & Brown		818	• •	652
				Sand & Gravel & Cit Brown Broken Basa		830 845	845 950	652 652
				Brown & Gray Basa	***************************************	950	730	632
How was seal place Other	ed: Method []A	B C D	lE	Cinders WB			977	652
Transmitted to the second seco	n ft. to	ft. Material		Hard Gray Basalt B		977 1055	1055	652
Gravel placed from		ft. Size of grav	el	Sandstone WB		1.000	1072	652
(6) CASING/L	INER:			Broken Gray Basalt Basalt, Sand & Grav		1072		652
Diamete	er From To	Gauge Steel Plas	tic Welded Threaded	Dasair, saliu a Gran	er Ciliaele MD	1089	1100	652
Casing:				1101111	<del>- 1) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) </del>			į
				NOV 1	9 700,	+		ļ
				I WATE TO A STATE OF	gray. Salt			
Liner:				WATEL	JREGOY			
Final location of sh	0e(s)	and the same of th	al I could be a selected and a selec	Western W	ATER DEVELOPMEN			<u> </u>
(7) PERFORA	TIONS/SCREE	NS:	<u> </u>	1 1	Box 1670			
Perforation	s Method				id, OR 97756	<u> </u>		
Screens	Туре	Mater	ial	NEUWO	W, UN 7///0			
From To	Slot size Number	Tele/pipe Diameter size	Casing Liner			·		İ
		ļ		Date started 2/6/01	Completed	10/30/01		
				(unbonded) Water Weil	Constructor Certificatio			
<u> </u>	1	<u> </u>			formed on the construction, all			
(8) WELL TES	STS: Minimum (	testing time is 1 l	nour		vith Oregon water supply well on reported above are true to i			
Pump	Bailer	Air	Flowing Artesian	belief.	,			
Yield gal/min	Drawdown	Drill stem at	Time	Signed		WC Numb ate	)er	
1 leid gavriii	Diawdowii	Dim sterri at		Olgried		ate		*
				(bonded) Water Well C	onstructor Certification:			
				I accept responsibility for t	ne construction, alteration, or			
Temperature of Wa	eter I	Depth Artesian Flow fou	nd	1 '	the construction dates report in compliance with Oregon w			•
Was a water analy	sis done? Yes	By whom			report is true to the best of m	y knowled	ige and be	
	ain water not suitable	417.0	Too little	Signad		WC Numb		5
Salty Mude Depth of strata:	dy [   Odor   _   C	Colored Other	and the second control of the second control	Signed Robert Buckne		ate 11/7/	<u> </u>	

# Pump Test Information Bear Creek #2

Date: 10/29/01

TIME	DEPTH (FT)	FLOW (GPM)	COMMENTS
9:30 AM	652	0	Bear Creek Well #1, has been running for the past
10:00 AM	652	0	3 days.
10:30 AM	652	0	

### **DRAWDOWN DATA**

DRAWDOWN	DAIA		
10:30 AM	652	1400	Lineshaft turbine test pump set @720ft, water leve
10:30:30	660	1400	indicator is electric line inside of 1" pvc. Flow is
10:31:00	660	1450	registered through a 6" McCrometer registering
10:31:30	660	1450	in gallons per minute and totalizing in cubic feet.
10:32:00	660.5	1425	o product and totalizing in cubic feet.
10:32:30	660.5	1400+	
10:33:00	660.5	1400+	
10:33:30	66 <b>9</b> .5	1400+	
10:34:00	661	1400+	
10:34:30	661	1400+	
10:35:00	661	1400+	
10:35:30	661	1400+	
10:36:00	661	1400+	
10:36:30	661	1400+	
10:37:00	661	1400+	<u> </u>
10:37:30	661	1400+	
10:38:00	661	1400+	NOV 1 5 2001
10:38:30	661	1400+	10 (00)
10:39:00	661	1400+	SALEMAN CONTRACTOR
10:39:30	661	1400+	SALEM CRESCH
10:40:00	661	1400+	
10:40:30	661	1400+	
10:41:00	661	1400+	
10:41:30	661	1400+	
10:42:00	661	1400+	
10:42:30	661	1400+	
10:43:00	661	1400+	
10:43:30	661	1400+	
10:44:00	661	1400+	
10:44:30	661	1400+	
10:45:00	661	1400+	
11:00:00	661.5	1400+	
11:15:00	661.5	1400+	
11:30:00	661.5	1400+	
11:45:00	661.5	1400+	
12:00:00	661.5	1400+	
12:15:00	661.5	1400+	
12:30:00	661.5	1400+	
12:45:00	661.5	1400+	
1:00:00	661.5	1400+	

4 4 7 001	004.5	4.405	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1:15:00	661.5		A RECEIVED
1:30:00	661.5	1400+	Care And
1:45:00	661.5	1400+	NOV 1-5 2001
2:00:00	661.5	1400+	1 9 2001
2:15:00	661.5	1400+	WATER HESKINGER LINE
2:03:00	661.5	1400+	SAUSM, GREGON
2:45:00	661.5	1400+	
3:00:00	661.5	1400+	
3:15:00	661.5	1400+	
3:45:00	661.5	1400+	
4:00:00	661.5	1400+	
4:15:00	661.5	1400+	
4:30:00	661.5	1400+	
5:30:00	661.5	1400+	
6:30:00	661.5	1400+	
7:30:00	661.5	1400+	
8:30:00	661.5	1400+	
9:30:00	661.5	1400+	
10:30:00	661.5	1400+	
11:30:00	661.5	1400+	
12:30:00	661.5	1400+	
1:30:00	661.5	1400+	
2:30:00	661.5	1400+	
3:30:00	661.5	1400+	
4:30:00	661.5	1400+	
5:30:00	661.5	1400+	
6:30:00	661.5	1400+	
7:30:00	661.5	1400+	
8:30:00	661.5	1400+	
9:30:00	661.5	1400+	
10:30:00	661.5	1400+	

### **RECOVERY DATA**

10:30:00	653	0	
10:31:00	653	0	
10:32:00	652	0	
10:33:00	652	0	
10:34:00	652	o	
10:35:00	652	0	
	10:30:00 10:31:00 10:32:00 10:33:00 10:34:00	10:30:00 653 10:31:00 653 10:32:00 652 10:33:00 652 10:34:00 652	10:30:00     653     0       10:31:00     653     0       10:32:00     652     0       10:33:00     652     0       10:34:00     652     0