STATE OF OREGON DESC 57243 WATER SUPPLY WELL REPORT

AMENAEN - 12/19/07 DESC 57243

WELL ID # L 80460

(as require			7.765) ng this rep	ort are on	the last p	age of (this form	n		(START	CARD) # <u>17(</u>	0756 	
(1) OWI	NER:	-			Well Num	ber: 1			(9) LOCATION OF W				
Name	Mornin		t Christi		ol C/O	Roats	Water	r Co.	County <u>Deschu</u> Township 18S N	utes Latitu or S. Range 12E		ongitude. W. of W	
	81147 Bend	Hamil	on Lane		State C	D Zir	9770		Section 30	NE 1/			/4
		WODY			_ 0.0.0 <u>C</u>	<u> </u>	DITU		Tax lot _5302 Lot Street Address of Well (d	Block	Subdivi	sion	
(2) TYP			_	h	!-/				Olloot Auditos of VVIII (C	5 <u>d</u> i	iie		
X New W		<u> </u>		Iteration (re	epair/reco	naltion)	Ab	andonment	(10) STATIC WATER	LEVEL:			
(3) DRII	L ME	THOD:					_		398 ft. below	land surface.	Dar	te <u>1/12</u>	/2006
X Rotary	Air	Ro	tary Mud	X Cab	le	[Auger	r	Artesian pressure	lb. per squar	re inch. Dar	te	
Other									(11) WATER BEARIN	G ZONES:			
(4) PRO		_				,			Depth at which water was	first found 173		_	
☐ Domes ☐ Therma		_	mmunity ection	∐Indu □Live	strial stock		lrrigati Other		From	То	Estimated Flow	Rate	SWL
	_								173	194	50+		161
			NSTRUC	_	D "				398	505	2500+		398
			oval⊡Yes XINo Typ		рерт о	Compi Amou		505 ft.					
Н	OLE			SEAL	_	_		mount	(12) WELL LOG:				
Diameter 22	From 0	To 400	Ma Cement	terial Slurry	From 280	To 400	sacks of	or pounds acks	(12) WELL LOG.	Ground elevat	tion		
17.5	400		Cement		0		242 S			nterial	From	То	SWL
			_						Top Soil & Rock		0	7	
									Hard Gray Basalt		7	78	
									Fracture Hard Gray Basalt		78 79	79 128	
	seal plac	ed: Met	hod 🗌 A	□ B [XC	D []E		Red Cinder Conglon		128	1 <u>36</u>	
Other Backfill pla	aced from	n 404	ft. to 28	0 ft	Material	Groud	•		Brown Conglomerat	<u>e</u>	136 142	142 151	
Gravel pla			ft. to	ft.	Size of g				Hard Gray Basalt Soft Red Cinders		151	162	
(6) CAS	ING/LI	NFR:							Brown Sandstone C		162	173	
	Diamete		т То	Gauge S	Steel P	astic \	Welded	Threaded	Broken Gray Basalt Hard Gray Basalt	& Cinders WB	173 194	194 227	161
Casing:	18	1		.375	X		X		Fractured Gray Basa	nit	227	282	
_									Hard Gray Basalt & I	Brown Ash	282		
									Seams Hard Gray Basalt	_	287	287 312	
Liner:	16	39	0 500	.250	X		X		Soft Brown Ash		312	314	
Final locat	ion of eh	100/e)							Broken Gray Basalt		314	321	
			<u> </u>		_	_	_		Soft Brown Ash Broken Brown Basa	lt & Ash	321 324	324 336	
			SCREE						Medium Hard Brown		336	346	
	erforation creens	8	Method F	actory S		terial			Softer Broken Brown	n B <u>asa</u> lt	346	351	
	, oone	Slot	.,,,,		Tele/p	_			Hard Gray Basalt		351	381	
From	To	size	Number	Diamete			Casing	Liner					
390	500	3/16	4200				H	X	Continued on next p	_			
									Date started <u>5/3/2005</u>	Complet	ed 1/12/200	<u> </u>	
									(unbonded) Water Well				
									I certify that the work I perform of this well is in compliance				
	L TES		inimum 1			hour	,		Materials used and informati	on reported above are tr	ue to my best la	nowledge	e and
X Pump		∐В	ailer	Air		L	_ Flowing	g Artesian	belief.		MAAA/C Numb		
Yield ga	l/min	Dra	wdown	Drill s	stem at		Tim	ne	Signed		WWC Numb Date		-
	900		0		465		5 hr.				-		
									(bonded) Water Well Co				
				_		+			I accept responsibility for the performed on this well during				
Temperate	ure of Wa	ater 52		Depth Arte	sian Flow	found			performed during this time is		•		~ A
Was a wa	ter analy	sis done	? Yes	By whom					construction standards. This		t of my knowled	ge and l	
			r not suitab Odor		ded use?		Γοο little		Signed Solve 1.	K D	WWC Numb Date 1/12/2		5
Depth of s				CUE	IVE	:U			Robert Buckne			.000	

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

DESC 57243

WELL ID # L	8046
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WELL ID # L 804	ij	į																																																																																																																															•	•						ļ		l	ı	ı	l					
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(START CARD) # 170756

Instructions for completing this report are on the last page of this form	Page 2
(1) OWNER: Well Number: 1	(9) LOCATION OF WELL by legal description: County Deschutes Latitude Longitude
Name Morning Start Christian School C/O Roats Water Co.	Township 18S Nor S. Range 12E E or W. of WM.
Address 61147 Hamilton Lane City Rend State OR Zip 97701	Section 30 NE 1/4 NW 1/4 Tay lot 5202 Lot Block Subdivision
	Tax lot 5302 Lot Block Subdivision Street Address of Well (or nearest address) Same
(2) TYPE OF WORK:	
New Well Deepening Alteration (repair/recondition) Abandonn	(10) STATIC WATER LEVEL:
(3) DRILL METHOD:	ft. below land surface. Date
Rotary Air Rotary Mud Cable Auger	Artesian pressure
Other	(11) WATER BEARING ZONES:
(4) PROPOSED USE:	Depth at which water was first found
Domestic Community Industrial Irrigation	Depth at Which Water Water Tourist
Thermal Injection Livestock Other	From To Estimated Flow Rate SWL
(5) BORE HOLE CONSTRUCTION:	
Special Construction approval Yes No Depth of Completed Well	ft.
Explosives used Yes No Type Amount	
HOLE SEAL Amount	(12) WELL LOG:
Diameter From To Material From To sacks or poun	Ground elevation
	Material From To SWL
	Cinder & Sandstone some Pea 381
	Gravel WB 394 378
	Hard Gray Basalt 394 407 378
How was seal placed: Method A B C D E	Red Cinder Conglomerate WB 407 428 378 Hard Fractured Basalt WB 428 454 378
Other	Brown Ash & Red Cinders WB 454 498 378
Backfill placed from ft. to ft. Material	Hard Fractured Basalt WB 498 505 378
Gravel placed fromft. toft. Size of gravel	
(6) CASING/LINER:	
Diameter From To Gauge Steel Plastic Welded Three	aded
Casing:	
Liner:	
Firstly described	Western Water Development
Final location of shoe(s)	P.O. Box 1670
(7) PERFORATIONS/SCREENS:	Redmond, OR 97756
Perforations Method	
Screens Type Material	
Slot Tele/pipe From To size Number Diameter size Casing Line	er
	. I Date stanen K <i>irlio</i> nok - Combieten 1 <i>1477</i> 70006
	(
(9) MELL TESTS: Minimum testing time is 4 hours	of this well is in compliance with Oregon water supply well construction standards.
(8) WELL TESTS: Minimum testing time is 1 hour	Materials used and information reported above are true to my best knowledge and
Pump Bailer Air Flowing Artesi	ian belief. WWC Number
Yield gal/min Drawdown Drill stem at Time	Signed Date
	(bonded) Water Well Constructor Certification:
	I accept responsibility for the construction, alteration, or abandonment work
	performed on this well during the construction dates reported above. All work
Temperature of Water Depth Artesian Flow found Was a water analysis done? Yes By whom	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.
Did any strata contain water not suitable for in the contain water not	WWC Number 1385
Salty Muddy Cdor Colored Colored	Signed Date 1/12/2006
Depth of strate:	Robert Buckner

STATE OF OREGON DESC 57243 WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

WELL ID # L 80460

(START CARD) # 170756

instructions for completing this report are on the last page of this form (9) LOCATION OF WELL by legal description: Well Number: 1 (1) OWNER: Longitude Deschutes Name Morning Start Christian School C/O Roats Water Co. Nor S. Range E or W. of WM. Township **18S** Address 61147 Hamilton Lane Section 30 NW NE_ State OR Zip 97701 Bend Tax lot 5302 Subdivision Lot Block Street Address of Well (or nearest address) Same (2) TYPE OF WORK: Abandonment X New Well Deepening Alteration (repair/recondition) (10) STATIC WATER LEVEL: (3) DRILL METHOD: 398 ft. below land surface. Date 1/12/2006 X Cable Auger Artesian pressure lb. per square inch. Date X Rotary Air Rotary Mud Other (11) WATER BEARING ZONES: (4) PROPOSED USE: Depth at which water was first found 173 Domestic X Community Industrial Irrigation Injection Livestock Other Τo Estimated Flow Rate SWL Thermal 194 161 173 50+ (5) BORE HOLE CONSTRUCTION: 2500+ 398 505 398 Depth of Completed Well 505 ft. Special Construction approval Yes X No Explosives used Yes X No Type Amount HOLE SEAL Amount (12) WELL LOG: Material From Ťο sacks or pounds Diameter From Tο Ground elevation 400 Cement Slurry 280 400 188 sacks 22 17.5 400 505 Cement Slurry 104 242 Sacks SWL Material Top Soil & Rock **Hard Gray Basalt** 7 78 Fracture 78 79 **Hard Gray Basalt** 79 128 How was seal placed: Method A ΧC Red Cinder Conglomerate 128 136 Other **Brown Conglomerate** 136 142 Backfill placed from 104 ft. to 288 ft. Material Grout Hard Gray Basalt 142 151 Gravel placed from Ħ. Size of gravel ft. to Soft Red Cinders 151 162 Brown Sandstone Conglomerate 162 173 (6) CASING/LINER: Broken Gray Basalt & Cinders WB 173 194 161 Diameter From To Gauge Steel Plastic Welded Threaded 194 227 **Hard Gray Basait** 400 .375 X X Casing: 18 Fractured Gray Basalt 227 282 Hard Gray Basalt & Brown Ash 282 Seams 287 \Box Hard Gray Basalt 287 312 X 390 500 250 X 16 Liner: Soft Brown Ash 312 314 **Broken Gray Basalt** 314 321 Final location of shoe(s) Soft Brown Ash 321 324 Broken Brown Basalt & Ash 324 336 (7) PERFORATIONS/SCREENS: Medium Hard Brown & Gray Basalt 336 346 X Perforations Method Factory Saw Softer Broken Brown Basalt 346 351 Material Screens **Hard Gray Basalt** 351 381 Tele/pipe Slot From Tο Number Diameter Casing size Line 390 **500** 3/16 4200 X Continued on next page Date started 5/3/2005 Completed 1/12/2006 (unbonded) Water Well Constructor Certification: I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. (8) WELL TESTS: Minimum testing time is 1 hour Materials used and information reported above are true to my best knowledge and X Pump Bailer Air Flowing Artesian belief. WWC Number Yield gal/min Drawdown Drill stem at Time Signed 900 465 5 hr. (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 Temperature of Water 52 Depth Artesian Flow found performed during this time is in compliance with Oregon water supply well Was a water analysis done? Yes By whom construction standards. This report is true to the best of my knowledge and belief. Did any strata contain water not suitable for in WWC Number 1385 Salty Muddy Odor Colored Date 1/12/2006 Depth of strate: 173-194 Robert Buckner ORIGINAL - WATER RESOURCES DEPARTMENT 1 FULL COPY - CONSTRUCTOR

STATE OF OREGON

DESC 57243

WATER SUPPLY WELL REPORT

(as required by ORS 537.765) Instructions for completing this report are on the last page of this form WELL ID # L 80460

(START CARD) # 170756

Page 2

	County <u>Deschu</u> Township 18S N Section 30 Tax lot 5302 Lot	or S. Range 12E	E or	ongitude W. of W	
2) TYPE OF WORK:	Section 30				IVI.
2) TYPE OF WORK:	Tax lot 5302 Lot	·			/4
		Block	Subdivi	sion	
New Well Deepening Alteration (repair/recondition) Abandonment	Street Address of Well (or	nearest address) San	ne		
	(40) OTATIO MATERI				
(3) DRILL METHOD:	(10) STATIC WATER	LEVEL: land surface.	Da	te	
Rotary Air □ Rotary Mud □ Cable □ Auger	Artesian pressure	lb. per square		***	
Other	(11) WATER BEARING	3 ZONES:			
(4) PROPOSED USE:	Depth at which water was				
Domestic □Community □Industrial □Irrigation					
Thermal Injection Livestock Other	From	То	Estimated Flow	/ Rate	SWL
(5) BORE HOLE CONSTRUCTION:					
Special Construction approval Yes No Depth of Completed Well f					
Explosives used Yes No Type Amount					
HOLE SEAL Amount Diameter From To Material From To sacks or pounds	(12) WELL LOG:				
Page 175 material 175 sacks of poultus		Ground elevat	ion		
		terial	From	То	SWL
	Cinder & Sandstone	some Pea	381	20.4	070
	Gravel WB Hard Gray Basalt		394	<u>394</u> 407	378 378
	Red Cinder Conglom	erate WB	407	428	378
How was seal placed: Method □A □B □C □D □E	Hard Fractured Basa	It WB	428	454	378
Other Backfill placed from ft. to ft. Material	Brown Ash & Red Cit Hard Fractured Basa		454 498	498 505	378 378
Gravel placed from ft. ft. Size of gravel	naiu Flactureu Dasa	If AAD	470	303	3/0
(6) CASING/LINER:					
Diameter From To Gauge Steel Plastic Welded Threader				-	
Casing:					
Liner:	11/ 11/				
Final location of shoe(s)		NTER DEVELOPM	ENT		
(7) PERFORATIONS/SCREENS:		Box 1670			
Perforations Method	REDMON	d, OR 97756			
Screens Type Material	·				
Slot Tele/pipe					
From To size Number Diameter size Casing Liner					
	Date started #101000#	0			
	Date started <u>5/3/2005</u>		ed 1/12/200	5	
	(unbonded) Water Well (abando	nmont
(A) MELL TEOTO MEL 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	of this well is in compliance w				
(8) WELL TESTS: Minimum testing time is 1 hour	Materials used and information	n reported above are tru	e to my best ki	nowledge	and a
Pump Bailer Air Flowing Artesian	belief.		MAA/C Numb	or	
Yield gal/min Drawdown Drill stem at Time	Signed		WWC Numb Date		
	(bonded) Water Well Cor	structor Certification	on:		
	l accept responsibility for th	e construction, alteratio	n, or abandon		
Temperature of Water De 15 County To 15 Coun	performed on this well during performed during this time is		•		rk
Temperature of Water Department	construction standards. This		• • •	-	elief.
Did any strata contain water not suitable for intended use?	1 4 1 4 1	2 b	WWC Numb		5
SaltyMuddyOdorColored EC Oper	Signed	Jue -	Date 1/12/2	2006	

DESC 57243 * Dec. 19. 2007 2:39PM DAMAULTO 4214/19/07 wNo. 1011 acp. 3 WATER SUPPLY WELL REPORT DESC 5724 (START GARD) # 170786 (se required by ORS 637,766) Instructions for completing this report are on the last page of this form (9) LOCATION OF WELL by legal description: Well Number: 4 (1) OWNER: County Deschutes
Township 185 N or S. Range Longitude Name _ Morring Start Christian School C/O Rosts Water Co 12E E or W. of WILL Address #1147 Hamilton Lane Section SO NE Section _ __ 1/4 1/4 NW Share OR 29 87701 City Bend Glock Bullet before Street Address of Wall (or nest est address) Brame (2) TYPE OF WORK: [X] New Well [] Despening [] Alteration (repairtrecondition) [] Abendonment (10) STATIC WATER LEVEL: (3) DRILL METHOD: 306 th below and surface. Date 1/12/2009 Rotary Air Rolary Mud X Cable Augur Artesian proveurs ib. per square inch. Date - Other (11) WATER BEARING ZONES: (4) PROPOSED USE: Doub al which water was first found 173 * Community Imigation Domestic Thermal injection ... Liverdock III Oww Front Extended Flow Nate JW. 173 194 50+ 161 (5) BORE HOLE CONSTRUCTION: 394 505 2500+ 305 Special Construction approvel Type X No Depth of Completed Well 505 ft. Espinsives used Yes XNo Type _ Amount __ REAL HOLE (12) WELL LOG: Diameter, From rial. sucits of pounds Ground elevation 400 Gement Siurry 280 400 185 macks 17.5 400 808 Cament Slurry 0 104 242 Sacks Material From To AWL. Top Soil & Rook Hard Grev Basalt 78 Fracture Hard Grav Basalt 128 How was seed placed: Method A B XC D Red Cinder Condiomerate 128 136 Bigern Conglomerate Hard Grav Result Soft Red Cindens 135 142 Besidili plused from 104 1 to 288 R. Maieriei Grout 181 182 142 Gravel placed from _____ft. to Size of gravel 2 141 Brown Sandstone Condiomerate 162 171 (6) CASING/LINER: Broken Grav Besalt & Cinders WB Hard Grav Basalt 173 111 Mahdad Threade Diameter #3 Freetured Grey Bacalt 227 Hard Gray Baselt & Brown Ash 282 Seams Herd Gray Beath 312 267 16 390 500 Boft Brown Ash 312 314 Broken Gray Basalt 314 321 321 First leastion of stree(5) Soft Brown Ash 324 Broken Brown Busett & Ash 336 224 (7) PERFORATIONS/SCREENS: Medium Hard Brown & Grev Bassit 136 248 **X** Perforations Method Factory Baw Softer Broken Brown Beau Hard Gray Breat - Spream Type 351 361 Dismete Liner 300 500 3/16 4200 Continued on next page Date stated 6/3/2004 Completed 1/12/2008 (unbonded Water Well Constructor Certification: I contify that the work I performed on the construction, mismaller, or abundantment of this wall is in sometisnos with Oregon water supply wall construction standards. (2) WELL TESTS: Minimum testing time is 1 hour Meterials used and information reported above are true to my best intovision and M Pump Baller | □ A¥ Plowing Artesian WAKO Number Dell chare at Time Signed _ **Yield guiltmin** Drawn war Date

(bonded) Water Well Constructor Certification:

I agreept responsibility for the sonetruction, elleration, or should report work performed on this well during the construction dates reported above. All work performed during this time is in econolismos with Orecon water autoly well construction standards. This report is true to the best of my lone/visites and based.

Signed Robert Buokner WWO Number 1365 1/12/2006

ORIGINAL - WATER RESOURCES DEPARTMENT FIRST COPY - CONSTRUCTOR

Did any strain contain water not suitable for intended use?

| Stully | Minddy | Odor | Colered | Other

Was a water suniverse done? Yes By whom

M.

SECOND COPY - CUSTOMER

900

Temperature of Weder 112

Depth of whole: 173,194

484

Depth Artesian Flow found

DESC 57243

wNo.	1011_	₽ P.	4	_

(matructions for	ORS 537,795) completion this repo	ort are an the last pag	pe of this form		(START CA		V/ 65
(1) OWNER:	Compressing Site 1-4-	Well Numbe		(9) LOCATION OF WEL	L by legal descrip	otion:	
Name _Morn	ing Start Christie	n School C/O Re	pata Water Co.	County <u>Description</u> Township 188 Nor			Lengtu r W. of
Address \$116	Hamilton Lane		Zp 97701	- Session 30	1/4	NW	
City Barne			SP ST/U	Tax lot 6302 Lot 90 and Address of Wall (or n	Work	Gubdiv	iston _
(2) TYPE OF					Marie Services VISIDE	B	
New Well	Duupening A	introlon (repair/recond	alori) Abandonmen	(10) STATIC WATER LE	VEL		
(S) DRILL MI	ETHOD:			tt below in	M BLATRON,	Di	
Rotary Air	Rotery Mud	Cable	☐ Auger	Aclasian prospuro	B. per vquare i	neh- D	de
Other				(11) WATER BEARING	ZONES:		
(4) PROPOS				Dopth at vehicle water was fir	el found		
☐ Domestic	Oorsmunity Linistion	∏industrial ∐iuvestook	Tarigation Other	From	To B	Airmand Fig.	v Reta
	LE CONSTRUC				- \-		
Special Constru	Upri approval ☐ Yes ☐ Yes ☐ No Typ	L∐N¢ Depth of C	ompleted Well	-			_
HOLE		SEAL ^	Amount	(12) WELL LOG:			
Diameter, From	i To Mad	tarial From Y	o secie er poundo	(12) WELL LOG:	Ground pionstion	1	
	+			- Mider		From	To
				Cinder & Sandstone so		381	
	,—			- Gravel WB			38
	 			- Hard Gray Baselt - Red Cinder Conglomer		394	40
How was need als	and: Method A	Пв Пс Пр	□¢	Hard Fractured Baselt	WE	428	45
Citier			.,	Brown Ash & Bad Gind	ers WB	454	40
Sectifil placed from Grave placed from		ft. Meterial		Hard Fractured Barak	WB	488	10
Liner:				Western Way	tr Developmen		,
Final jacobion of a	hoe(k)					YI	
	ATIONS/SCREEN	18:			OR 97754	 -	
(f) PERFOR				NEGMONIT,	Y//75		
(7) PERFOR □Performic	ne Method _						
' ' _	ns Method	Moder		-	 		
Performic Bereene	_	Yele/pipe					
Performic Darrence	Type	Yele/pipe	Casing Liner				
Performic Bereene	Type	Yele/pipe	Casing Liner	Date started 5/3/2005	Completed	1/12/200	<u> </u>
Performic Bereene	Type	Yele/pipe	Casing Liner	Date started <u>\$/3/2005</u> (unboarded) Wister Well Co.		-	A
Performic Bereene	Type	Yele/pipe		(unbestided) Water Well Co Lordly that the work I perform	natruetor Cartification ed on the construction, i	on: nilmin, or	phand
Performic Beresne From To	Type	Dia metar Yula ipiper size	Casing Uner	(unshaisded) Weter Well Co. I certily that the work I perform of this well is in earsplance with	nstructor Certification ed on the sonetruction, i Oragon water supply w	on: nilamian, or el construci	shared low side
Perfectle Bersone From To (8) WELL TE	Type	Yele/pipe	Casing Uner	(unbestided) Water Well Co Lordly that the work I perform	natrustor Certification of an the construction, o Cragati water supply to aported above are true i	on: nituation, or all construct to sny beet to	aband lou été louist
Performic Beresne From To	Stol Number	Diameter Tutalpipe size	Cusing Uner	(umbounded) Water Well Co. I certily that the work I perform of this well is in acreptionse with Materials used and information a bellef.	nstructor Certification of an the construction, in Cragall water supply to apprind above are true in V	on: nitration, or pil construct to any beet to MANCI Numb	aband lou été louist
Perfectle Bersone From To (8) WELL TE	Stol Number	Talappa Diameter with	Casing Uner	(umbassided) Weter Well Co I certily that the work I perform of this well in in compliance with Materials used and information a	nstructor Certification of an the construction, in Cragall water supply to apprind above are true in V	on: nituation, or all construct to sny beet to	aband lou été louist
Perfectle Beresne From To (8) WELL TE	Stol Number Stol Number STS: Minimum to	Diameter Tutalpipe size	Cusing Uner	(umbaticised) Wester Well Got towning that the work I perform of this well is in compliance with Memorials used and information a bellef. Signed	nstructor Certification of an the construction, or construction, or construction, or construction of the c	ors Manufich, or ell construct to sny best to AMACI Numb Oste	aband lou été louist
Perfectle Beresne From To (8) WELL TE	Stol Number Stol Number STS: Minimum to	Diameter Tutalpipe size	Cusing Uner	(umboinded) Water Well Colling that the work I perform of this well to in ecompliance with heateries used and information a belief. Signed	natruetor Certification of an the construction, Cregari water supply water supply water supply water shows are irse in the construction of the con	ost nilamilian, or rell construct to sny best to AMACI Numb Otto	nimenti lou élék nováncj
Perfectle Beresne From To (8) WELL TE	Stol Number Stol Number STS: Minimum to Drawdown	Diameter Tutalpiper size	Cusing Uner	(umbotided) Water Well Co. I certify that the work I perform of this wait in in compliance with Materials used and information a belief. Signed (bornded) Water Well Const I accept mapping bithy for the a performed on this well during the	natrustor Certification of an ine construction, in Cragan water supply wasported above are and in Cragan water supply wasported above are and in Cragan water supply construction, after supply construction, after supply construction, after supply construction, after supply construction defeat representations.	ost nlimition, or ell construct to my best to AMAC Numb Otie er standon oried show.	shand for the for the or Mark w
Performic Berearie From To (5) WELL TE Pump Yield gatimon	Stol utin Number STS: Minimum to to Drawdown	Diameter Valaripipes size posting time is 1 h Air Drill stem at	Cusing Uner	(umbotided) Water Well Co. I certily that the work I perform of this wall in in compliance with Materials used and information a beller. Signed (bornded) Water Well Const I accept responsibility for the te performed on this well during to the	natruetor Certification of an ine constructor, i Cragan water supply water supply water supply water supply water supply water supply water Certification; energy and supply supp	ost nlimition, or ell construct is my best in ANAC Numb Oste or shandon oried shave.	shand for the coulse, or
Perforate Berearie From To From To From To From To To Pump Yield gatimon Temperature of V Was a water and Old new states co	Stol Number Stol Number BTS: Minimum to Baller Drewdown	Talalpho size Diameter Fig. 1 h Air Drill stem at Septim Artesian Flow for spy whose spy intended use?	Cusing Uner	(umbotided) Water Well Co. I certify that the work I perform of this wait in in compliance with Materials used and information a belief. Signed (bornded) Water Well Const I accept mapping bithy for the a performed on this well during the	natrustor Certification of an ine construction. Crisgan water supply wapported above are irred. Pueblor Certification: Construction, interestion, construction dries no construction with Cregariant with the back of V	ost nlimition, or ell construct is my best in ANAC Numb Oste or shandon oried shave.	ebandion districted or

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

DESC 57243

WELL	ID#	L	80460

(START CARD) # 170756

instructions for completing this report are on the last page of this form (9) LOCATION OF WELL by legal description: (1) OWNER: Well Number: 1 Longitude Deschutes Name Morning Start Christian School C/O Roats Water Co. N or S. Range 12E E or W. of WM. **18**S Address 61147 Hamilton Lane Section 1/4 NW NE State OR Zip 97701 Bend Block Tax lot 5302 Lat Subdivision Street Address of Well (or nearest address) Same (2) TYPE OF WORK: New Well Deepening Alteration (repair/recondition) Abandonment (10) STATIC WATER LEVEL: (3) DRILL METHOD: 1. below land surface. Date 1/12/2006 398 X Rotary Air Rotary Mud X Cable Auger Artesian pressure fb. per square inch. Other (11) WATER BEARING ZONES: (4) PROPOSED USE: Depth at which water was first found 173 Domestic X Community Industrial ☐ Irrigation Injection Estimated Flow Rate ☐ Thermal Livestock Other To SWI 194 173 50+ 161 (5) BORE HOLE CONSTRUCTION: 398 505 2500+ 398 Special Construction approval Yes X No Depth of Completed Well 505 R. Explosives used Yes X No Type Amount HOLE SEAL Amount (12) WELL LOG: sacks or pounds Material Ground elevation 280 **400 Cement Slurry** 22 n i 400 188 sacks 400 17.5 505 From Material To SWL Top Soil & Rock **Hard Gray Basalt** 7 **78** Fracture 78 79 **Hard Gray Basalt** 79 128 How was seal placed: Method A Пв XIC **Red Cinder Conglomerate** 128 136 Other Brown Conglomerate 136 142 ft. to 288 Material Grout Backfill placed from () **Hard Gray Basalt** 142 151 Gravel placed from Size of gravel Soft Red Cinders 151 162 **Brown Sandstone Conglomerate** 162 173 (6) CASING/LINER: Broken Grav Basalt & Cinders WB 173 194 161 **Plastic** Welded Threaded Diameter To Gauge From Hard Grav Basalt 194 227 X 400 .375 X Fractured Gray Basalt 227 282 Hard Gray Basalt & Brown Ash 282 287 Seams П П **Hard Gray Basalt** 287 312 16 390 500 250 X X Soft Brown Ash 312 314 \Box **Broken Gray Basalt** 314 321 Final location of shoe(s) Soft Brown Ash 321 324 Broken Brown Basalt & April Basalt Medium Hard Brown & Gray Basalt 324 336 (7) PERFORATIONS/SCREENS: 336 346 X Perforations Method Factory Saw Softer Broken Brown Basalt 346 351 Screens Material FEB 0 9 2006 Hard Gray Basatt 351 381 Diameter Line Fmm To Number Continued on next batteTER RESOURCES DEPT 3/16 X 390 500 4200 П SALEM, OREGON \Box П Date started 5/3/2005 (unbonded) Water Well Constructor Certification: П 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. (8) WELL TESTS: Minimum testing time is 1 hour Materials used and information reported above are true to my best knowledge and X Pump Bailer ☐ Air Flowing Artesian belief. **WWC Number** Yield gal/min Drill stem at Time Deawdown Signed 900 0 465 5 hr. (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 Temperature of Water 52 Depth Artesian Flow found performed during this time is in compliance with Oregon water supply well heards. This report is true to the just of my knowledge and belief. Was a water analysis done? Yes By whom WWC Number 1385 Did any strata contain water not suitable for intended use? Date 1/12/2006 Salty Muddy Odor Colored Other Depth of strata: 173-194 Robert Buckner

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

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

DESC 57243

WELLID#L 80460

(START CARD) # 170756

Page 2

Well Number: 1 (9) LOCATION OF WELL by legal description: (1) OWNER: Longitude **Deschutes** Latitude Name _ Morning Start Christian School C/O Roats Water Co. N or S. Range E or W. of WM. 188 12E Address 61147 Hamilton Lane Section 30 1/4 NW 1/4 NE State OR Zip 97701 **Bend** Tax lot 5302 Lat Block Subdivision Street Address of Well (or nearest address) Same (2) TYPE OF WORK: New Well Deepening Alteration (repair/recondition) Abandonment (10) STATIC WATER LEVEL: (3) DRILL METHOD: ft, below land surface. Date Rotary Air Rotary Mud Cable Auger lb, per square inch. Other (11) WATER BEARING ZONES: (4) PROPOSED USE: Depth at which water was first found ☐ Community Domestic Industrial Irrigation Thermal Injection Livestock Other From Estimated Flow Rate SWI (5) BORE HOLE CONSTRUCTION: Special Construction approval Yes No Depth of Completed Well Explosives used Yes No Type Апосний HOLE SEAL Amount (12) WELL LOG: Diameter From To sacks or pounds Ground elevation **Material** From To SWI Cinder & Sandstone some Pea Gravel WB 394 378 **Hard Gray Basalt** 394 407 Red Cinder Conglomerate WB 407 428 378 □в How was seal placed: Method A ПС Hard Fractured Basalt WB 428 454 378 Other Brown Ash & Red Cinders WB 454 498 378 Backfill placed from Hard Fractured Basalt WB 498 505 378 Gravel placed from ft to ß Size of gravel (6) CASING/LINER: Diameter From To Gauge Steel Plastic Welded Threaded П П WESTERN WATER DEVELOPMENT Final location of shoe(s) REDMOND ! (IR COLOTS) (7) PERFORATIONS/SCREENS: Perforations Screens Material FFB 0 9 2006 Tele/pipe Tο Fenm Diame l ine WATER RESOURCES DEPT SALEM, OREGON П П Date started 5/3/2005 Completed 1/12/2006 $\bar{\Box}$ (unbonded) Water Well Constructor Certification: I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. (8) WELL TESTS: Minimum testing time is 1 hour Materials used and information reported above are true to my best knowledge and Pump Bailer ☐ Air ☐ Flowing Artesian belief. WWC Number Yield gal/min Drawdown Drill stem at Time Signed (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 Temperature of Water Depth Artesian Flow found performed during this time is in compliance with Oregon water supply well Was a water analysis done? Yes By whom construction standards. This report is true to the best of my knowledge and belief. WWC Number 1385 Did any strata contain water not suitable for intended use? Salty Muddy Odor Colored Other Date 1/12/2006 Deoth of strata: Robert Buckner