City of Redmond Well #1	G4981		
or are report are serve	LL REPORT	/	,
STATE ENGINEER, SALEM, OREGON 97310 (Please tylewishin 30 days from 9574 TE ENGINEER not write	State Wen No.	15/13-9a	<u>a</u> .
of Well completion. SALEM. OREGON			
(1) OWNER:	(11) LOCATION OF WELL:		
Name CITY OF REDMOND ORG.	County De S Driller's well n	iumber /	
Address CITY HALL REDMOND ORG	NE 14 NW 14 Section 9 T.	\$4 R. 13 € W.	М.
(2) TYPE OF WORK (check):	Bearing and distance from section or subdivision	on corner	্য ব্যৱ
New Well Deepening Reconditioning Abandon	var.		
If abandonment, describe material and procedure in Item 12.			T
(3) TYPE OF WELL: (4) PROPOSED USE (check):	(12) WELL LOG: Diameter of well	CAUGA	7
Rotary Driven Domestic Industrial Municipal X	Depth drilled 3.3 ft. Depth of comp	below casing	
Dug	Formation: Describe color, texture, grain size		_
CASING INSTALLED: Threaded Welded W	and show thickness and nature of each stratt with at least one entry for each change of form in position of Static Water Level as drilling pr	um and aquifer penetrate mation. Report each chan	ed, —
Diam. from O ft. to Joost. Gage 240	MATERIAL	From To SWI	L '
", Diam, fromft, toft. Gage	OVER BUNDEN	05	
PERFORATIONS: Perforated? Yes D No.	HARD LAVA	\$ 12	
Type of perforator used FACTOON	BOULDEN CONE-	12 20	
Size of perforations in. by in.	SOET LAVA	30 38 38 60	
3200 perforations from 200 ft. to 300 ft.	BRONEN MED LAVA	40 56	
perforations from ft, to ft,	HATTA BREK LAND	56 36	
perforations fromft. toft.	RED CONE	38 85	
perforations from ft. to ft.	MED HARD RED LAVA	85 96	
	SOCT PROUN LAVA	108-118	
(7) SCREENS: Well screen installed? Yes No	SORT KONK	118 129	
TypeModel No.	SOFT GAGE GAME	125 133	
Diam Slot size	Chevis	133 180	
Diam. Slot size Set from ft to ft	SAND STONE	152 130	
(8) WATER LEVEL: Completed well.	SOFT LANA	135-188	
Static level 168 it. below land surface Date 7. 15-69	WATER BEARING SAVO	185 199 47	3
sian pressure lbs. per square inch Date	MAND DLUE DWALT	189 220	
(9) WELL TESTS: Drawdown is amount water level is lowered below static level	WATER BEADING PURITE	235 265	
Was a pump test made? Yes \(\text{No If yes, by whom? \(\text{\$\infty} \) \(\text{\$\infty} \) \(\text{\$\infty} \)	STEET SEATING PUNITE	300 320 /60	F
d: 500 gal./min. with 10 ft. drawdown after 5 hrs.	Work started 4 - 77 1969 Complet		
1300 - 20 40 - 72 .	Date well drilling machine moved off of well	2-15 196	_
- 1400 - 73 - 2 -	Drilling Machine Operator's Certification:		-
Bailer test gal./min. with ft. drawdown after hrs. Artesian flow g.p.m. Date	This well was constructed under my dirials used and information reported above knowledge and belief.	irect supervision Mate	e- est
Temperature of water 5 Was a chemical analysis made? MYes □ No	[Signed] Thomas Repres	Date 82/ - 196	4
	(Drilling Machine Operator)	Date	
(10) CONSTRUCTION: Well seal-Material used Com GN - Chour	Drilling Machine Operator's License No	3 20	
Depth of seal 29	Water Well Contractor's Certification:		
Diameter of well have to bottom of seel	This well was drilled under my buried	iction and this report	is
	to the best of my knowledge and believe	ef.	
Was a drive shoe used? Tyes No	NAME (Person, firm or corporation)	(Type or print)	
Did any strata contain unusable water? Yes No MAR 272	108 Address REAMOND OR	re.	
Type of water? depth of strata	FS DEPT 1		
SALPM OBE	[Signed] Maring Coffee	Tori .	
100	Contractor's License No. 4. L. Date	E- / /	a .
Gravel placed from			Z.
	· · · · · · · · · · · · · · · · · · ·		-

City of Redmond Well #2		
NOTICE TOWATER WELL CONTRACTOR	DECEIVED	The state of the s
The original and first copy of this report are to be	L BECEIVED	
STATE OF	OREGONE B 1 8 1975 State Well No.	155/13E-16cb
STATE ENGINEER, SALEM, OREGON 97316 (Please type within 30 days from the data)	STATE ENGINEER State Permit No	0
of well completion. (Do not write ab	ove the line ENGINEER State Permit No SALEM, OREGON	
(1) OWNER:	(10) LOCATION OF WELL:	
Name City of Redmond	County Deschutes Driller's well nu	
Address Redmond, Oregon	NW 34 SW 34 Section 16 T.15 S	R. 13 East W.M.
(2) TYPE OF WORK (check):	Bearing and distance from section or subdivision	n corner
New Well A Deepening Reconditioning Abandon	Control of the second s	
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed we	
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found -278	511.
Rotary Driven Domestic Industrial Municipal	The second secon	urface. Date 2-1):-75
Cable Jetted Irrigation Test Well Other	Artesian pressure lbs. per square	
CASING INSTALLED: Threaded Welded 1.16	l	elow casing 16 bot tom
14 "Diam from 255 ft. to 433 ft. Gage 250	Depth drilled 152 ft. Depth of comple	4,77
" Diam, fromtt, tott, Gage	Formation: Describe color, texture, grain size a and show thickness and nature of each stratum	
PERFORATIONS: Perforated? X Yes No.	with at least one entry for each change of format position of Static Water Level and indicate princ	ion. Report each change in
Type of perforator used Factory slot	MATERIAL	From To SWL
	Top Soil	0 1
Size of perforations 6 in. by 1/8 in. 2,000 perforations from 255 ft. to 423 ft.	Mild Brown Lava	15
perforations fromft. toft.	Brown Conglomorate	15 85
perforations fromft. toft.	Pumice	85 95
(7) SCREENS: Well screen installed? Yes No	Tan Conglom.	95 157
Manufacturer's Name	Loose Black Cinders Hard Black Lava	157 164 164 205
TypeModel No.	Red Cinders	205 225
Diam. Slot size Set from ft. to ft.	Black Sand	225 236
Diam. Slot size Set from ft. to ft.	Brown Sandstone	236 278
(8) WELL TESTS: Drawdown is amount water level is lowered below static level H. H. Was a pump test made? E Yes D No If yes, by whom? Drilling,	Water bearing Brown Sandstone Hard Clay stone	278 1100 265 1100 1127
Was a pump test made? E Yes No If yes, by whom? Drilling,	Tan " with some sand praye]	127 133
d: 1171 gal./min. with 35 ft. drawdown after 29 hrs.	Hard Clay stone	433 449
" "	Black Basalt	1119 1152
<i>y</i>	STAF TO DO STORE STAFF	
Bailer test gal./min. with ft. drawdown after hrs.		
esian flow g.p.m.		
perature of water 52 Depth artesian flow encountered ft.	Work started 2-75 19 7) Complete	d 2-1), 19 75
(9) CONSTRUCTION:	Date well drilling machine moved off of well 2	<u>-11</u> 1975
Well seal-Material used Portland Coment	Drilling Machine Operator's Certification:	
Well sealed from land surface to280	This well was constructed under my Materials used and information reported	direct supervision. above are true to my
Diameter of well bore to bottom of seal 15 to 250n. 10"	best knowledge and belief.	_
Diameter of well bore below seal	[Signed] (Drilling Machine Operator)	Date 2-14
Number of sacks of cement used in well sealsacks Number of sacks of bentonite used in well sealsacks	Drilling Machine Operator's License No	558
Brand name of bentonite	Water Well Contractoria Confidentian	
Number of pounds of bentonite per 100 gallons	Water Well Contractor's Certification: This well was drilled under my jurisdic	etton and this report is
of water1bs./100 gals.	true to the best of my knowledge and beli	
Was a drive shoe used? ☐ Yes No Plugs Size: locatree CEIV	(Person, firm or corporation)	(Type or print)
Type of water? potable depth of strata	Address P.O. Box 51 Redmond.	
Method of sealing strata off MAR 27	UU8 7 Que 1610	G
Was well gravel packed? Yes XNo Size of gravel WATER RESOUR	[Signed] (Water Well Control	ictor)
Gravel placed fromft. toft. The CALEM OR	Contractor's License No	19.75
(USE ADDITIONAL SH		BP+45656-119

JUL 1 2 1985

Pg. 1 of 3

WATER WELL REPORT (as required by ORS 537.765)

WATER RESOURCES DEPT 22 can

(for official use only)

(1) OWNER:	(10) LOCATION OF WELL by legs	al descr	iption:	
Name City of Redmond	County Deschutes SE 4 NW 14	of Section		20 of
Address City Hall	Township 15S Range		13 E	, WM.
City Redmond State Oreg.	(Township is North or South) Tax Lot Lot Block Subdivision	(Range is Es	ast or West)	
(2) TYPE OF WORK (check):		nknown		
New Well Deepening Reconditioning Abandon	The state of the s			
If abandonment, describe material and procedure in Item 12.				
	(11) WATER LEVEL of COMPLE	TED W	ELL.	
(3) TYPE OF WELL: (4) PROPOSED USE (check): Rotary Air D Driven D Domestic D Industrial D Municipal D	Depth at which water was first found 362	120 11	LLL.	
Thermal;		land surface	no Dota5-	24-85
Rotary Mud Dug Irrigation Withdrawal Reinjection Other:		r square inc		
Cable Bored Piezometric Grounding Test	(4.0) ************************************	1		
(5) CASING INSTALLED: Steel Plastic	(12) WELL LQG: Diameter of well belo			55 2
Threaded Welded W	Formation: Describe color, texture, grain size and structure			
18. Diam. from +3 ft. to -718½ ft. Gauge .375	and nature of each stratum and aquifer penetrated, with at	least one en	try for each	change of
Diam. from	formation. Report each change in position of Static Wa water-bearing strata.	ter Level a	nd indicate	principal
LINER INSTALLED: Steel M Plastic				
Threaded Welded 4	MATERIAL	From	Тъ	BWL
12 Diam from 707 At to 765 A Gauge • 250	Top Soil, Sandy	6	2	
(6) PERFORATIONS: Perforated? Yes No	Broken Lava Conglomerate	-2	8	
Size of perforations in. by in.	Lava Conglomerate	8	27	
perforations fromft. toft.	Broken Lava, Cindery	27	30	
perforations from	Red-Black Lava, Soild	30	55	
ft. to ft.	Pumice Conglomerate White Pumice	55	60	
(7) SCREENS: Well screen installed? Yes □ No	Cindery Black Rock	60	92 97	
Manufacturer's Name Johnson	Red-Black Cindery Rock	92 97	105	
Type P.S. (see pg. 3 for full screen info)	Cinders & Clinkers	105	113	
Diam. 18 Slot Size .050 Set from 533.5 ft. to 553.5 ft.	Red Cinders	113	122	
Diam. 12 Slot Size . 050 Set from 735 ft. to 755 ft.	Cinders& Lava Rock	122	126	
December in amount mater level is largered	Black Basalt	126	137	
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	Red- Black Basalt, Broken	137	143	
Was a pump test made? Yes No If yes, by whom? Buckner Pump	Hard, Black Basalt	143	247	
d: 1300 gal./min. with 40 ft. drawdown after 72 hrs.	Red Cinders, Soft	247	251	
The state of the s	Black Basalt	251	254	
Air test gal./min. with drill stem at ft. hrs.	Red Cinders	254	345	
Bailer test gal./min. with ft. drawdown after hre.	Brown Sandstone, Mild	345	365	
Artesian flow g.p.m.	Brown Sandstone, Coarser	365	374	
perature of water 54* Depth artesian flow encountered	Brown Sandstone W/Pea Gravel Date work started II-27-84 /complete	374	385 5 - 85	
(9) CONSTRUCTION: Special standards: Yes \(\subseteq \ \text{No.X} \)		-25	J-0J	19 85
Well seal—Material used Portland Cement				
Well sealed from land surface to	(unbonded) Water Well Constructor Certific			
Diameter of well bore to bottom of sealin.	This well was constructed under my direct sup information reported above are true to my best kno	ervision. P owledge at	Materials i nd belief.	ised and
Diameter of well bore below seal24		_	_	05
Amount of sealing material 85 pounds □	[Signed]	Date 6-		19 85
How was cement grout placed? Pumped	(bonded) Water Well Constructor Certification	on:		
		WEST		
Was pump installed?ΩΩTypeHP Depth ft.	On behalf of Buckner Pump Service	ety Company	(Name)	
Was a drive shoe used? Yes X No Plugs Size: location ft.	[type or print name of Wa	ter Well Con	etructor)	
Did any strata contain unusable water? Yes No	This well was drilled under my jurisdiction a	nd this re	port is tru	e to the
Type of Water? depth of strata	best of my knowledge and belief:		10 MM	- w mre
Method of sealing strata off	(Signed) Kobert Duck	er		
Vas well gravel packed? A Yes No Size of gravel: Monterey.	8 (Water Well Construct	or)	***************************************	
Gravel placed from520	(Dated)June_6, 1985			
gravel from NOTICE TO WATER WELL CONSTRUCTOR	WATER RESOURCES DEPARTMENT,		£D≠	46866-690
01 + 5 5 001 The original and first copy of this report	ECEIVED SALEM, OREGON 97310		D 2	

state of oregon

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WATER WELL REPORT (as required by ORS 537.765)

JUL 12 1985 PLEASE TYPE of PRINT IN INK WATER RESOURCES DEPT

(for official use only)

(1) OWNER: SALEM, OREGON	(10) LOCATION OF WELL by legal description:
Name City of Redmond	County Deschutes SE 1/4 NW 1/4 of Section 20 of
Address City Hall	Township 15S , Range 13E , WM. (Township is North or South) (Range is East or West)
City Redmond StateOreg. 97756	Tax Lot Block Subdivision
(2) TYPE OF WORK (check):	MAILING ADDRESS OF WELL (or nearest address) UNKNOWN
New Well K Deepening □ Reconditioning □ Abandon □	
If abandonment, describe material and procedure in Item 12.	
(3) TYPE OF WELL: (4) PROPOSED USE (check):	(11) WATER LEVEL of COMPLETED WELL:
Rotary Air Driven Domestic Dandstrial Municipal	Depth at which water was first found 362 ft.
Rotary Mud Dug Irrigation Withdrawal Reinjection	Static level 362 ft. below land surface. Date 5-24-85
Other	Artesian pressure lbs. per square inch. Date
Cable & Bored Piezometric Grounding Tast	(12) WELLLOG: Diameter of well below casing
(5) CASING INSTALLED: Steel Plastic	Depth drilled 765 ft. Depth of completed well 765 ft.
Threaded □ Welded ☑	Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of
18. Diam. from+3 ft. to-718 ft. Gauge	formation. Report each change in position of Static Water Level and indicate principal
Diam. from ft. to Gauge	water-bearing strata.
LINER INSTALLED: Steel Plastic Welded	MATERIAL From To SWL
1.2.* Diam. from70.7.1/2 ft. to7.65 ft. Gauge	Dk. Brwn. Sandstone & Blk. Sand 385 396
(6) PERFORATIONS: Perforated? Yes No	Dk.Brwn.Sandstone-blk.Sand
Size of perforations in. by in.	more firm 396 450
perforations fromfL tofL	Brwn. Sandstone-finer Sand 450 455
perforations fromft. toft.	some clay bonding Dk. Brown Sandstone, some mult- 455 528
perforations from ft. to	colored pea gravels, possible
(7) SCREENS: Well screen installed? H Yes D No.	water-465-485'
Menufecturer's Nume Johnson	Grey-Brwn. Tufted Ash Layer 528 540
Manufacturer's Name Johnson Type P.S. (see pg. 3 for full screen info)	Firm
Diam. 18 Slot Size 2050 Set from 533.5 ft. to 553.9	Sandstone Conglomerate, Slow
Diam. 12 Slot Size . 5. Set from . 735 ft. to . 755 ft.	Drilling Gravels-Dk. Brwn 540 565
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	Med. Brwn. Sandstone 565 590 Fine graned w/some clay bondg
	Dk. Brwn. Sandstone, Coarser
Was a pump test made? 🖾 Yes 🗆 No. If yes, by whom? Buckner Pump add: 1300 gal./min. with 40 ft. drawdown after 72 hrs.	Sands 590 620
gai./min. with 10 to dawdown area 12 ma.	Coarse, DK. Brwn. Sandstone 620 645
Air test gal./min. with drill stem at ft. hrs.	w/½" minus pea gravels
Bailer test gal./min. with ft. drawdown after hrs.	Coarse DK. Brwn. Sandstone W/
Artesian flow g.p.m.	more gravel-harder 645 650
Depth artesian flow encountered	Finer Grained Sandstone 650 697
(9) CONSTRUCTION: Special standards: Yes \(\text{No } \text{X} \)	Date work started 11-27-84 /completed 5-25-85 Date well drilling machine moved off of well 5-25 19 85
Well seal-Material used Portland Cement	
Well sealed from land surface to	(unbonded) Water Well Constructor Certification (if applicable): This well was constructed under my direct supervision. Materials used and
Diameter of well bore to bottom of seal in.	information reported above are true to my direct supervision, waterials used and information reported above are true to my best knowledge and belief.
Diameter of well bore below seal	V 4400 V/0 6-6 85
Amount of sealing material 85 sacks pounds D	[Signed], 19
How was cement grout placed?Pumped	(bonded) Water Well Constructor Certification:
	(Number) (Surety Company Name)
Was pump installed? Type HP Depth ft.	On behalf of Buckner Pump Service (type or print name of Water Well Constructor)
Was a drive shoe used? Yes X No Plugs Size: location ft.	
Did any strata contain unusable water?	This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief:
Type of Water? depth of strata	
Method of sealing strata off	(Signed)(Water Well Constructor)
Was well gravel packed? X Yes No Size of gravel: Monteray	(Dated) June 6, 1985
NOTION TO THE TITLE CONCERNION REC	ENED WATER RESOURCES DEPARTMENT. SP*46866-690
The original and first copy of this report	WATER RESOURCES DEPARTMENT, SP*46866-690 SALEM, OREGON 97310
50° to \$20° are to be filed with the	within 30 days from the date of well completion.

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STATE OF OREGON

JUL 1 2 1985

WATER WELL REPORT JULIZ 1985

(as required by ORS 537.765) WATER RESOURCES DEPT

Pg. 3	of 3 155/13E-226d
	193/136 200

WATER RESOURCES DEPT	(for official use only)
(1) OWNER:	(10) LOCATION OF WELL by legal description:
• •	Deschutes 20
Name City of Redmond	1 750 120
Address City Hall	Manualla la Narib au Causti
City Redmond State Oreg. 9775	1 18x Tot Diock Subdivision
(2) TYPE OF WORK (check):	MAILING ADDRESS OF WELL (or negrest address) unknown
New Well A Deepening Reconditioning Abandon A	
If abandonment, describe material and procedure in Item 12.	
(3) TYPE OF WELL: (4) PROPOSED USE (check);	(11) WATER LEVEL of COMPLETED WELL:
Rotary Air Driven Domestic Industrial Municipal	Depth at which water was first found 362
Rotary Mud Dug Irrigation Withdrawal Reinjection	Static level 362 ft. below land surface. Date 5-24-85
Bored	Artesian pressure lbs. per square inch. Data
(5) CASING INSTALLED: Steel Plastic Welded X 18 Diam. from ±3 ft. to -718½ ft. Gauge 375	(12) WELL LQG: Diameter of well below casing
LINER INSTALLED: Steel Threaded Welded	MATERIAL From To SWL
	Sand & Some Gravels-unstable 697 710 362
1.2	(water between 695-715)
(6) PERFORATIONS: Perforated? □ Yes 🕏 No	Sandstone-Brwn W/some tuff ash 710 728 362
Size of perforations in. by in.	and whites
perforations from ft. to ft.	Brown Sandstone W/ more 728 754 362
perforations from	Cinders, Sands and Gravels
perforations from	Dk. Grey Basalt 754 765 362
(7) SCREENS: Well screen installed? I Yes . No	
Manufacturer's Name Lohnston	
Type P.S. Model No.	V
Diam18	-and 593.5' to 633.5' and 688.5 to 708.5'
Diam12	
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	
(8) WELL IESIS: below static level	
Was a pump test made? 😾 Yes 🔲 No If yes, by whom?	
d: 1300 gal./min. with 40 ft. drawdown after 72 hrs.	
14 20 20 20 20 20 20 20 20 20 20 20 20 20	
Air test gal./min, with drill stem at ft. hrs.	
Bailer test gal./min. with ft. drawdown after hrs.	
Artesian flow g.p.m. perature of water 54* Depth artesian flow encountered	
	Date work started 11-27-84 /completed 5-25-85
(9) CONSTRUCTION: Special standards: Yes □ No 🖫	Date well drilling machine moved off of well 5-25-85 19
Well seal—Material usedPortland cement 50	(unbonded) Water Well Constructor Certification (if applicable):
Well sealed from land surface to	This well was constructed under my direct supervision. Materials used and
Diminister of wen bore to bottom of sea 2/1	information reported above are true to my best knowledge and belief.
85	[Signed] Date _66, 19 _85
Amount of sealing material Pumped How was cement grout placed?	
now was cement grout placed:	(bonded) Water Well Constructor Certification:
	Bond 10596951 Issued by: AMWEST (Surety Company Name)
Was pump installed?	On behalf of Buckner Pump Service
Was a drive shoe used? Yes No Plugs Size: location ft.	(type or print name of Water Well Constructor)
Did any strata contain unusable water? Yes No	This well was drilled under my jurisdiction and this report is true to the
Type of Water? depth of strata	best of my knowledge and belief:
Method of scaling strata off	(Signed)
Was well gravel packed? Yes No Size of gravel: Monterey.	8 (Water Well Constructor) (Dated) June 6, 1985
Gravel placed from	
	SALEM, OREGON 97310 2 7 2008 SELEM, OREGON 97310 2 7 2008 SP*46866-690

STATE OF OREGON WATER SUPPLY WELL. R (as required by ORS 537.765) Instructions for completing this	REPORT WAY75	الأدر بال	desc.	WELL Palot 3	ID# L238 ()
(1) OWNER: Name City of Redmond Address P.O. Box 726 City Redmond (2) TYPE OF WORK: X New Well Deepening	Well Number:		(9) LOCATION OF W County Deschutes Township 15S Section 20AA Tax Lot 2900 Lot Street Address of Well (19th & Quartz Ave	N or S. Range 13E NE	NE Subdi	¼ vision	WM.
(3) DRILL METHOD: Rotary Air Other		[] Auger	(10) STATIC WATER 259 ft. below	w land surface.		ate 3/2	3/98
(4) PROPOSED USE: Domestic X Communit Thermal Injection 10 BORE HOLE CONSTRICT Special Construction approval Explosives used Yes X No	Livestock UCTION: Yes X No Depth of Comp	Irrigation Other leted Weil 802 ft.	275	To 209 405	Estimated Flo 30+ 1000 9000	w Rate	SWL 208 208 259
HOLE	SEAL aterial From To ent 0 100	Amount sacks or pounds 297 Sacks	(12) WELL LOG:	Ground ele	/ation		<u></u>
How was seal placed: Method []	A [B X]C []D [_] E	Gray Basalt Red & Black Cinders Brown Ash & Cinder Brown Basalt Gray Basalt Brown Ash		From 0 39 40 45 48 54	To 39 40 45 48 54	SWL
Backfill placed from 100 ft. to Gravel placed from 400 ft. to (6) CASING/LINER:	375 ft. Material Ber 802 ft. Size of gravel	#6 SilicaRes	Gray Basalt Gray Tuff Hard Gray Basalt Gray Volcanic Congl	omerate	81.5	81.5 86 101.5.	
16" 547 567 16" 797 802	Gauge Steel Plastic 7 .375 X	Welded Threaded X	Brown Ash Conglom Fracture Lost Cutting Brown Conglomerat Brown & Gray Lava Gray Basalt & Ash Red Ash (Soft) Brown & Gray Basalt	nerate gs (Grouted) e with Ash	124 125 131 136 157 159 161	125 131 136 157 159 161 167	
Final location of shoe(s)			Hard Gray & Brown I Soft Brown Ash	Basalt		172 174	
(7) PERFORATIONS/SCRE Perforations Method X Screens Type Slot From To slze Numb 507 547 .080	Stainless Material Tele/pipe er Diameter size 16" Pipe	Casing Liner	Gray Basalt Medium Brown & Gray Basal Brown & Gray Basal Redish Brown Ash w Brown Lava with Asl Continued on next p	t with Brown Ash t with Gray Ash vith Broken Basa h	174 1 177 184 ilt 190	177 184 190 204 208	
567 797 .080	16" Pipe		Date started 8/29/97 (unbonded) Water Well I certify that the property of this well is in carrie lines.	Comple Constructor Certifi	cation:	abando	nment
(8) WELL TESTS: Minimum	n testing time is 1 hou Air Drill stem at	Flowing Artesian	Materials used and informati	on reported above are	true to my best k	nowledge	and
2300 2.5'	360 24 Depth Artesian Flow found	hr.		ne construction, alteral the construction date	tion: tion, or abandons reported above.	All wo	
Nas a water analysis done? X Yo Did any strata contain water not suit Salty Muddy _ Odor Depth of strata: 208	es By whom Coffee La able for intended use?	bs Too little	construction standards. This		www.number	ige and ber 138	

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

WATER SUF (as required by	OF OREGON PPLY WELL REF ORS 537.765) completing this rep	PORT	AAA 6 1003	desc 51047	WELL II	CARD)#	10198 Page	9 2
(1) OWNER: Name City of Address	of Redmond	Well Numb	er:	(9) LOCATION OF WELL County Township 15S N o Section 20AA Tax Lot Lot	r S. Range 13E	ription: udet	Longitud For W. of	de fWM.
(2) TYPE OF		Alteration (repair/recond	lition) Abandonment	Street Address of Well (or n	earest address)	Sub	division	
(3) DRILL ME		[] Cable	Auger	(10) STATIC WATER LE ft. below la Artesian pressure	nd surface.	are inch.	Date	
(4) PROPOS Domestic	ED USE:	Industrial	☐ Irrigation	(11) WATER BEARING Depth at which water was fit	est found	Satismate d E		
	LE CONSTRUC	1		- I - I - I - I - I - I - I - I - I - I	То	Esumated r	ow Rate	SWL
Special Construc Explosives used HOLE	tion approval [Yes [] Yes [] No	No Depth of Co	empleted Well ft. Amount					
Diameter From	1	ial From	To sacks or pounds	(12) WELL LOG:	Ground eleva	tion		
				Ven Cilinal 2 AND (269)		From 208	209	SWL 208
				Brown Lava with Ash Hard Gray Lava with Ash	sh	209 226	226 235	208 208
		[]8 []C [] [E	Brown Conglomerate Gray Conglomerate		235 245	245 275	208
Other Backfill placed from	em fl. to	ft. Material		Brown Conglomerate V	VB	275	305	208
	om ft. to			Brown Lava with Gray Brown & Gray Conglon		305 325	325 342	208
(6) CASING/L	INER:			Brown Lava & Ash WB		342	366	208 208
• •		Gauge Steel Plas	tic Welded Threaded	Brown Conglomerate v		366	389	208
Casing:				Brown & Gray Conglon Brown Lava with Ash	nerate	389 405	405 425	208 208
				Gray Conglomerate wit	h Brown Basal		439	208
		0.71		Hard Gray Lava with Br		439	459	208
Liner:			i E E	Medium Hard Gray Lav		459	480	208
			i d d	Hard Gray Lava with As Hard Gray Basalt	<u>sn</u>	480 508	508 536	208
Final location of s	hoe(s)			Broken Lava, Sand, Gra	avel WB	536	565	259
(7) PERFORA	TIONS/SCREE	NS:	-7-	Silty Sand & Lava Chur	ıks WB	565	608	259
Perforati				Brown, Gray Broken La		608	681	259
Screens	Туре	Mater	ial	Brown Sand & Gravel V Brown Vesicular Lava V		681 691	691 706	259 259
	Slot	Tele/pipe		Medium Gray Basalt W		706	710	259
From To	size Number	Diameter size	Casing Liner	Brown Vesicular Basal		710	714	259
				Continued on next pag				-
				Date started	Complet	<u>√</u>	<u> ユマ</u>	1100
				(unbonded) Water Well Co				
				I certify that the work I perform	ed on the construction	n, alteration,	or abando	onment
(8) WELL TES	STS: Minimum t	esting time is 1 h	our	of this well is in application with Materials used and interpretary				
Pump	Bailer	Air	Flowing	belief.	h Hard The State of	ue as my sest	Knowiedg	le auc
			- Artesian	Sinced JUL	199Ω	WWC Num	ber	
Yield gal/min	Drawdown	Drill stem at	Time	Signed	1000	Date		
				(bonded) Water Well Const	mctor Gertification	on:		
				I accept responsibility for the c	onstruction, alteration	n, or abando		
Temperature of W	/ater	Depth Artesian Flow for	and	performed on this well during the performed during this time is in				ark
•	ysis done? [] Yes	By whom		construction standards. This rej				belief.
•	tain water not suitable		☐ Too little			WWC Num		
	idy [] Odor [] (Colored Other		Signed Wastern W.	ater Developme	Date		
Depth of strata:						in Corpor	ation	
ORIGINAL & FI	RST COPY - WAT	ER RESOURCES D	EPARTMENT SEC	OND COPY - CONSTRUCTOR	R THIRD COP	Y - CUSTO	MER	

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	F OREGON	MAY	5 1003	cless.	WELL ID#			
(as required by C	PLY WELL REP ORS 537.765)	energy Van		511047	(START CA	RUJ#	101989	_
Instructions for c	ompleting this rep	ort are on the last page	of this form	T			Page 3	ٺ
(1) OWNER:		Well Number		(9) LOCATION OF WELL I	by legal descrip	tion:	Longitud	e
Name City of	Redmond			Township 15S Nor S.	Range 13E		or W. of	
City		State	Zip	Section 20AA Tax Lot Lot		Subd	¾	
(2) TYPE OF V	VORK:			Street Address of Well (or near				
New Well	_	Uteration (repair/recondit	tion) Abandonment					
(3) DRILL MET	THOD:			(10) STATIC WATER LEV		ſ	Date	
Rotary Air	Rotary Mud	Cable	Auger	Artesian pressure	Ib. per square		Date	
				(11) WATER BEARING ZO	NES:			
(4) PROPOSE	D USE:			Depth at which water was first f	ound			
Domestic Thermal	Community	Industrial Livestock	[_] Irrigation	From	To Es	timated FI	ow Rate	SWL
			() Other		17	ulliand I	DIV NAIE	SAAL
• •	E CONSTRUC							
			npleted Well ft. Amount					
HOLE		SEAL	Amount	(12) WELL LOG:				
Diameter From	To Mater	ial From T	o sacks or pounds	(1.5)	Ground elevation			
				Material		From	То	SWL
- -				Gray Broken Lava Hard V		714	738	259
				Brown Vesicular Lava Pil Brown & Gray Lava WB	inoles WB	738 765	765 783	259 259
		B C D		Soft Brown Conglomerat	e WB	783	802	259
How was seal plac	ed: Method [A	[] O [] O []						
	nft. to						-	
Gravel placed from	nft. to	ft. Size of grave	Ы					
(6) CASING/LI								
Diameter Casing:	r From To	Gauge Steel Plast	c Welded Threaded	23	-	Carlo		
				1	ECEIV	1002	+	
	-				111 - 1 3000			
Liner:				J	UL _ 1 1998		+	
				WATER	RESOURCES	DEPT		
Final location of sh	06(8)			S#	HEM OREGO	NI		
	TIONS/SCREE	NS:						
Perforatio Screens	ns Method Type	Materi	al					
() 00.00	Slot	Tele/pipe		MANUAL CONSTRUCTOR OF ALL BASIN OF METAL CORP. STORM PROCESS OF A CONSTRUCTOR OF A CONSTRUC			 	
From To	size Number	Diameter size	Casing Liner					
			<u>. ii</u> i <u>i</u>	Date started 9 - X1-F1	Completed	3	12.	45
			. []	(unbonded) Water Well Cons		on:	J	7
1				i certify that the work i performed			or aband	onment
(8) WELL TES	TS: Minimum	testing time is 1 h	our	of this well is in compliance with O Materials used and information rep	•			
Pump	Bailer	[.] Air	[] Flowing	belief.	Crace above are a de	w my book	MICHIGA	jo and
		Daily at any	Artesian	Signed		WWC Nun	nber	
Yield gal/min	Drawdown	Drill stem at	Time	Signed		Date		
				(bonded) Water Well Constru	ector Certification	: :		
				I accept responsibility for the con	struction, alteration,	or abando		
Tamasahus afili		Depth Artesian Flow fou	ind	performed on this well during the or performed during this time is in co-				rork
Temperature of Wa Was a water analy		By whom		construction standards. This repo				belief.
Did any strata cont	ain water not suitab	le for intended use?	Too little	Signed		NWC Nun	iber 13	85
Salty Mud	dy [_] Odor [_]	Colored . Other		Signed Western Water	er Development	Corpor	ation	

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THIRD COPY - CUSTOMER

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 S589	55853 WELL ID# <u>64895</u>
	6 ·
Instructions for completing this report are on the last page of this form	
(1) OWNER: Well Number: #6 Name City of Redmond Address 875 S.E. Sisters, Ave. City Redmond State OR Zip 97756	(9) LOCATION OF WELL by legal description: County Deschutes Latitude Longitude Township 15S N or S. Range 13E E or W. of WM. Section 21(D) NW 1/4 SE 1/4
(2) TYPE OF WORK: X New Well Deepening Alteration (repair/recondition) Abandonment	Tax lot 400 Lot Block Subdivision Street Address of Well (or nearest address) 2551 S.W. 6th St., Redmond, OR
(3) DRILL METHOD: Rotary Air Rotary Mud X Cable Auger Other	(10) STATIC WATER LEVEL: 336 ft. below land surface. Artesian pressure lb. per square inch. Date 12/22/03
(4) PROPOSED USE: Domestic X Community Industrial Irrigation	(11) WATER BEARING ZONES: Depth at which water was first found
Thermal Injection Livestock Other	From To Estimated Flow Rate SWL 342 697 1500 336 697 811 1000 336
Special Construction approval Yes XNo Depth of Completed Well 855 ft Explosives used Yes XNo Type Amount HOLE SEAL Amount	
Diameter From To Material From To sacks or pounds 26in 0 867 Cement Grout 374 399 88 sacks	(12) WELL LOG: Ground elevation
Cement 0 98 12 Cu. Yds.	Material From To SWL See attached lithology prepared by Mr. Dale Bugenig. Hole sloughed back prior to casing installation in bottom. 857-867.
How was seal placed: Method A B XC D E	
Backfill placed from 99 ft. to 399 ft. Material Bentonite 31cyd Gravel placed from 399 ft. to 855 ft. Size of gravel 6x12 RMC	Droewen
Casing: 16in +2 550 .375 X	JAN 28 2004 VAILS WESTERN WATER DEVELOPMENT
(7) PERFORATIONS/SCREENS:	P.O. Box 1670 Redmond, OR 97756
Perforations Method Factory X Screens Type Slotted Material SS316L	Redword, ON 77770
From To size Number Diameter size Casing Liner 550 850 .070 16in pipe	
	Date started 4/2/03 Completed 12/31/03
(8) WELL TESTS: Minimum testing time is 1 hour X Pump Bailer Air Flowing Artesian	(unbonded) Water Well Constructor Certification: I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to my best knowledge and belief. WWC Number
Yield gal/min Drawdown Drill stem at Time	Signed Date
2700 6 400 24 hr. Temperature of Water 54 Depth Artesian Flow found Was a water analysis done?	(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 pest of my knowledge and belief.
Tea little	WWC Number 1385

MAR 2 7 2008

Desc

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BOREHOLE REDWOMA WELL #6 PAGE ___ OF ____ LOC. OR COORDS. SEX Sec. DRILLER WESTERN WATER START FINISH 21. T. 155. R. 13 E. (will amore Mar) DEVELOPMENT DATE 4/02/05 10/51/03 GROUND ELEV ._ TIME 08:30 16:00 RIG BACTEMS- FRIE 36L TOTAL DEPTH_ GEOPHYS. LOG AYES _NO SPE BYCKNER BOREHOLE DIAM. 26" BIT(S) 26 540 HOW LEFT See Good - (mg 44015.135A FLUID NOT Applicable CIRC AIR LIFT PEN. DEPTH MATERIAL DESCRIPTION AND COMMENTS RATE RET LOSS Q(GPM) BOL D ∰/**94**Y Broken brown \$ 2009 land BY GALE ASSENATING 7/2 1210 102428'W I-14' Grey resignian lava 10 4/3 3.4 3.4 4/4 14-241 Hard gray lars 20 4/4 4/4 8 24-785. Brown lara u/ red cinders Russie 4/10 gr=12 Hund grey lave 33-55 Derle berown togrey lave, Hard 35-37 Derk Brown togrey lave rock, broken or easing 12-38 Brown togrey lave, kroken, caving 12-30 Hard grey lave 43-43 thank grey rock 43-43 thank grey rock 43-43 thank grey rock 43-43 thank grey rock 30 4/a 1 OCATION COCCED 3 111 110 40 3 42 2 7/13 7/13 47-50 Grey lava rock -50 -Hard gren lava ·//# 53-59 Hard grey lava 4/14 Med gray lava Lura 60 4/20 clebe median gret lava RECEIVED <u>.</u>-4/18 ŝ 66-71 Medium grey larg 4/4 70 2-77 Medium grey lava MAR 2 7 2008 1/30 med. grey lava 4/1 80 WATER RESOURCES DEPT Med. hard grey lava SALEM, OREGON 5/2 4 96-92 4-91-71 72-95-95-101 80-88 Med Harm greylara = 12-91 Ref + Brown conglon exal. + 5/5 90 91-76 Harder grey & brown lare 12-95 Hard dark grey lava 4 3 45-101 Black, grey 4 brown lara Ь 5/7 - 100 5/8 REDUMD 5 107.5-1150 Red Cinder congliments 3/1 110 3 Sand atone 113-115 Brown + Grey Lana 2 115-119 Brown + Gray Len ğ \$17 117-121 Hard gray
127-121 Hard gray
127-121 Hard P 110 4 Hand gray have 73 1/13 PROJECT CITY 5 5/14 Law flow Med. 5My 14/2 130 1 14-134 Hard gray s. 154-134 Hard Gray Lavi 5/16 5/17 3 WELL 2 RECEIVED 5/17 140 HO-143 Mey 2009 1904 5/10 JAN 28 2004 Squa Stone 147-150 Red & brown A Chin

DEC-29-03 09:37 FROM-ECO:LOGIC ENGR RENO DESC 55853 DESC DRILLERS' LOG OF BOREHOLE

	BORE	HOL.	E _	le.	DMOND	WEIL 4		PAGE 2 OF 6
	1					SEC. 21	-	LLER WESTERN WATER START FINISH
	GROUN	•		•	7774	- in antal		1431 - 17430/03
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LOCATION- LOGGED E			5-	5/29	1		***	187-189 Brown black sandstone
OCCED	- 190 -	•	∤ ₃-	F/~ 3	┝╶┼			- 189-192 Gray + black sanditons
ప్ర ద			4	6/Z				192-196 Gray & brown lava
29	200			6/3	<u> </u>			194-1985 Broken brown + grey Inve
			7.5	T -				198-18203 Hard grey basalt, broken Lo3-206 Hard grey basalt, broken
		L	3_	6/5-		Basalt		
	- 210 -	. -	_و	ايد		F10~		206-Ell Hard gren basalt, broken
		k	3	6/7 6/9				111-218 Gray basalt 218-216 Crey basalt
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		Į.	4	4.1	1 1	<u> </u>		220-224 Hand grey desert
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		r		1./17	1 1		重量	27,-218 Hard dark gray - black lera - Carina ?
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LOG OF BOREHOLE

DOLLO OR COORDS SEN SER		ı	BORE	HOL	E_	Ren	MOND	WELL 6		PAGE 3 OF 6
TOTAL DEPTH 972-07 BOREHOLE DIAM. 24" BIT(S) 24' LTAIL BOL DESCRIPTION AND COMMENTS BIT(S) 24' LTAIL FLUID AND DEPTH PEN CIRC. AR LIFT MATERIAL BOL DESCRIPTION AND COMMENTS 300 4 77 796 STANDARD STANDA	ı	T.15N. R. 135. (Willawate Manga								DATE 4/02/03 10/30/03
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LOG OF BOREHOLE

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ጅ				15	420	RECEIV	EEP.		tone my grands		
u_	'	400				1	1.000	590-177 Tanbrown sunds			

MAR 2 7 2008

PRILLET251

LOG OF BOREHOLE

	BORE	HOL	E R	<u>adme</u>	ع ١١٥٠١١ في			AGE OF 6	
ال الجا	LOC. OR COORDS. SE'M SEL						TER WESTERN TER PEVEL PMENT	START FINISH	
1 X		GROUND ELEV.					- Company	- DATE 4/01/03 10/30/03 - TIME 08:30 15:00	
18 P		TOTAL DEPTH \$72 FT					Bucy Rus-Ezie SeL		
		BOREHOLE DIAM. 26 "					BIT(S) 26" STATE HOW LEFT See Constribut		
Z c						FLUID N/A			
13.73.74.VA	FT/ DET PAT C								
BEILMATHT	DEPTH	PEN. RATE	Bet dat	AIR LIFT Q(GPM)	MATERIAL	BOL		TION AND COMMENTS	
1 2			15 8 Ju		squattone u/gravel		377-625 Tun-brown sand	stoac a) grevels	
21' 10.4cg' W	- 610 -		L 1"						
P.4C	-		13 8/21				LOS-618 Brown sands	tree w/ grawi	
5 4	620 .		↓ ↓ .	ļ. <u>-</u>	<u>_</u>		-		
SALE 121	1	14 4 1					618-632 Brown sand	stone w/ gravel	
اح	- 630 -		- ;		<u>.</u>		-		
Z &				}					
50	640 -		10 8/4		ļ	74	- gravels	tand stone of conders &	
LOCATION	1					9.50 6.50 8.50			
99	650		L - -			-			
		560		0.0					
	- 660 .		_	Light Light to Dank brown sendstone of gravels					
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	670-		 	_			-		
'				1	0.0	ean in the beau			
	- 680 -	8P 16 8/18] 	670-686 Dark brown sand store of gravely				
						(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)			
	690-	-	} ↓ .	ļ -	ļ	7.00	-686-697 Dark brown	. sank sever -/ graves k	
3			121/2 8/29			9			
REDMOND	700-		5+ 9/2			-	معدموس فتعالم المنطقة المنطوفة	7 	
2		r	3+ 9/2 25 4/4			100 T. 100 P.		-	
2	- 710 -	1 -			<u> </u>		708-712-5	RECEIVED .	
4		Ţ	4 9/5 3 9/8 3.5 9/10	ļ	Beself Leva Figu		Top-724. Here are best to 1911-724. Here are best to 1911-724.	# *	
1 1	- 720.	L -	3.4 9/10 44 9/11	-		-		JAN 28 2006	
5 5 5		ł	4. VI				729-724.5 Hund lt gray b 724.5-724 Herd gray besel	+ water t	
1 1	- 730 -	-	4 9/15	-		-	724-7-729 Hera gray base		
PROJECT.			2 9/16	`. !			785-7855 Hard gray be: 7355-741 Brown sausom	£4\ 2	
OLEC' MELL	740-		w/grasel	11-746 Brown can tow -1		o my gravet			
× 1			12 7/17		5 D. A	TITE PUB Brown Education	4 -1 3 1		
	130	A. la.			EIVED	F.T.	746-703 8mg sandaton	- 1, 3	

MAR 27 2008

DRILLERS'

LOG OF BOREHOLE

	100			Redmon	h <u>See 2</u> 1	PAGE 6 OF 6 DRILLER WESTER START FINISH		
				kor Hama				
	GROUN				,		DATE 4/02/03 10/30/03 TIME 08:30 8:30	
	TOTAL			872	C+	RIG	BUCYRUS- BOLE 36 L GEOPHYS. LOG XYES NO	
N X	BOREL						(S) 26" STAN HOW LEFT See Constr.	
1 4							ID None Lea	
N 22 .								
130	DEPTH	PEN. RATE	100	AIR LI Q(GPI	4)	SYM- BOL	DESCRIPTION AND COMMENTS	
			-	1/15	Sand stock	9.0-R	746-757 grey stad some my grows. 312-757 Hand gray 16516-154 lava	
1	740 -	ľ	17 1	112	Busalt	(1.07)	Miles Hard agen besalt	
AKS RAATHY			I I	/22	Ţ		THOUGHS Hand grow desails THIS THE PORT AND STREET STREET PORT PORT STREET PROPERTY RESERVED	
S As	- 770 -	•	Γ Γ	1/23	+ portery ?		707-774 Dark gray Lara	
24.0			1 1	/25 /25		or Co	774-780 Gray reside 1204 IAN 28 2004	
1 ≥	- 730 -	r '	+ ₩	14	†		787-184 Gray Vesicular Basalt, Harder 784-798 Hand gray busalt	
OGGED	790 -	/ -	7. 7	129			784-787	
OCCED	777			130	T	100	THY-712 thank girly busely	
3 8		L	1 1	0,002	130-3 600-25-3		794.797 HAND GOOD GOSTALLA BOSTOCAL	
	8 0 0		┌ ╌┼	·~ -			*	
			2	. 1			#12-717 Hard gray besilt #74-77 Hard gray besilt #72-803 Gray Minute Lang Brot-call #82-804 Hard gray besilt #86-803 Hard gray besilt #86-803 Hard gray besilt #86-804 Hard gray besilt #86-805 Hard gray besilt #86-806 H	
	- 810 -	•	1	P/8			207-311 Perh grey residue Lang Asta Dallar remembed the sale-Bit. Darkey roy Vesicular Lang.	
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1 1	820 -	•	T T	9/-1	T ,5		826-92" See Very Inches ?	
	1		ایرا	9/	40 X14		82-830 Frenchist Lune 1 ND SAMPLE COLLECTED IN BALLE	
	- 820 -		5.	0/16	CATTINES		839-885 Freshow Land ? 188-088	
	- 840 -		7 1	0/20	1		885-842 Francis Lova? NO SAMPLE	
4		r	3 /	72	,		\$15-842 Francish Love ? NO SAMPLE 942 341" Francish Love ? Affire Gazed 341. NO SAMPLE 942-842 Park grey baself 848-950 Hard grey baself: Formy (Sumspece)	
3	829-	Ľ_	2 10	/ <u>12</u> 		ng than t	antity Dark girly haralf	
UPAN CAS			4 10	1/24	MO TRIPLES		en-854 Breeze gray lava? No enthrigs	
	0,0		12 1	417	Thorac,		854-860 Broken laws ? No culting 5	
<u>.</u>	- 860 -		T	T	f graves	700	860-866 Hert Fee- Private CAR XLF : With Sand France 7,000	
o			ار	0/23		5.8	Seb-868 Brown med cinders of gracels, Note: 4' of file \$55-971 Brown & gray resident late.	
	- 870 -	EI -	-	da.	Ť	A LATE	846-868 Brown med cinders of gracels, Note: 4' if fine 958-971 Brown of gray residentials. 821-872 [Terminate drilling on 10/29 due to formation on 10/29 due to formation on 10/20.	
1	- 880 -	ļ		.	_	1 -	E-2055ed 11/2/03 - sh-shed in to 862'	
1 3								
TRONECT MEL	-	-	+ +	+	RECEIV	ED -		
F			1		-1	Π		

City of Redmond Well 7. 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 57788

Desc 51188

WELL ID # L 84243

(START CARD) # 187111

Address P.O. Box 726 City Redmond State OR Zip 97756 (2) TYPE OF WORK: X New Well Deepening Alteration (repair/recondition) Abandonme	County Deschutes Latitude Longitude Township 15S N or S. Range 13E For W. of WM. Section 10(D) NW 1/4 SE 1/4 Tax lot 1100 Lot Block Subdivision Street Address of Well (or nearest address) 450 NE 11th St. Redmond, OR 97756		
City Redmond State OR Zip 97756 (2) TYPE OF WORK:	Tax lot 1100 Lot Block Subdivision Street Address of Well (or nearest address) 450 NE 11th St.		
	Street Address of Well (or nearest address) 450 NE 11th St.		
X New Well Despening Atteration (repair/recondition) Abandonme	Dadmond OD 07758		
The state of the s			
(3) DRILL METHOD:	(10) STATIC WATER LEVEL: 326 ft. below land surface. Date 12/13/2006		
Rotary Air Rotary Mud X Cable Auger	Artesian pressure Ib. per square inch. Date		
(4) PROPOSED USE:	= (11) WATER BEARING ZONES: Depth at which water was first found 335		
☐ Domestic			
	From To Estimated Flow Rate SWL 335 850 5000+ 326		
(5) BORE HOLE CONSTRUCTION: Special Construction approval Yes X No Depth of Completed Well Reg.			
Special Construction approval Yes XNo Depth of Completed Well Section 2 Amount			
HOLE SEAL Amount Diameter From To Material From To sacks or pounds	(12) WELL LOG:		
26 0 862 Cement Slurry 0 68 210 sacks Cement Slurry 282 322 242 sacks	Ground elevation 3040'		
Cellient Starry 202 322 242 sacks	See Attached Borehole Lithology		
How was seal placed: Method A B XC D E			
Backfill placed from 68 ft. to 275 ft. Material Bentonite Chips			
Gravel placed from 322 ft. to 862 ft. Size of gravel 6x12 & 1/4-	RECEIVED RECEIVED		
(6) CASING/LINER:	neceived "120"		
Diameter From To Gauge Steel Plastic Welded Thread Casing: 16 +2 525 .375 X	JAN 1 7 2007 - MAR 2 7 2008		
16in 625 700 .375 X X			
16in 750 780 .375 X	WATER RESOURCES DEPT SALEM. OREGON SALEM, DREGON		
	SALEM, UNLOW		
Final location of shoe(s)			
(7) PERFORATIONS/SCREENS:	WESTERN WATER DEVELOPMENT RECEIVED		
Perforations Method Factory	P.O. Box 1670		
X Screens Type Slotted Material 316L	REDMOND, OR 97756 FEB 0.7 2007		
Slot Tele/pipe From To size Number Diameter size Casing Liner	WATER RESOURCES DEP		
	SALEM, OREGON		
525 625 .100 16in pipe X 700 750 .100 16in pipe X 780 860 .060 16in pipe X	Date started 6/7/2006 Completed 12/14/2008		
	(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	bellef. WWC Number		
Yield gal/min Drawdown Drill stem st Time	Signed Date		
2700 3 370 24 hr.			
	(bonded) Water Well Constructor Certification: accept responsibility for the construction, alteration, or abandonment work		
	performed on this well during the construction dates reported above. All work		
Temperature of Water 54_58 Depth Artesian Flow found Was a water analysis done? XYes By whom Umpqua Labs	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 sultable for intended use? Too little	WWC Number 1385		
Salty Muddy Odor Colored Other Depth of strate:	Signed Date 12/24/2008 Robert Buckner		

DESC 57788

CITY OF REDMOND WELL #7 DRILLERS FROMATION LOG

3/4" Crushed Rock 0 1 Broken Gray Lava 1 15 Gray Basalt 15 31 Red Cinders 31 34 Broken Black/Red Rock 34 53 Brown Rock 53 61 Black Lava 61 77 Brown Sandstone 77 84 Brown Conglomerate 84 88 Black Lava 88 107 Brown Sandstone 107 121 Redish & Black Lava 121 130 Brown Sandstone 130 133 Black Lava 133 144 Gray Lava 144 158 Reddish Brown Rock 158 159 Brown Rock 158 159 Brown Sandstone 172 176 Red and Black Lava 176 181 Redish & Brown Sandstone 181 191 Black Lava 191 206 Brown Sandstone 243 249 Black Lava & with Brown Ash 249 273 Hard Black Bas
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Brown Sandstone WB 458 528
Broken Blue & Gray Basalt WB 526 529
Blue & Gray Basalt WB 529 537
Gray Basalt WB 537 553
No Cuttings Semi Soft WB 553 565
No Cuttings Harder WB 565 580
Red & Black Basalt WB 580 600
No Cuttings Broken & Hard WB 600 610
Black Basalt WB 610 613
Black Sandstone WB 613 625
Brown Sandstone WB 625 632
Reddish Brown Sandstone WB 632 641
Multi Colored Coarse Sand WB 641 658

RECEIVED

MAR 27 2008

WATER RESOURCES DEPT SALEM, OREGON

RECEIVED

FEB 07 2007

WATER RESOURCES DEPT SALEM, OREGON

RECEIVED

JAN 1 7 2007

WATER RESOURCES DEPT SALEM, OREGON

DESC 57788

Dark Brown Sandstone	WB	658	690	328
Brown Sandstone	WB	690	706	328
Blue & Gray Basalt	WB	706	711	328
Gray Basalt	WB	711	731	328
No Cuttings Soft	WB	731	734	328
No Cuttings Harder	WB	734	741	328
No Cuttings Soft	WB	741	745	328
No Cuttings Harder	WB	745	750	328
Broken Vesicular Basalt	WB	750	754	327
Black Sandstone	WB	754	770	327
Black & Brown Sandstone	WB	770	785	327
Vesicular Black Basalt	WB	785	790	327
Vesicular Red & Black Basalt	WB	790	800	327
Hard & Broken No Cuttings	WB	800	810	327
Brown Sandstone with Multi				327
Colored Sand Lenses	WB	810	818	327
Vesicular Red & Black Basalt	WB	818	826	327
Black Sandstone	WB	826	831	327
Black & Gray Basalt	WB	831	838	327
Red & Black Basalt	WB	838	843	327
Vesicular Black Basalt	WB	843	847	327
Hard Black & Gray Basalt	WB	847	850	327
Very Hard Gray Basalt		850	% ₩	327

RECEIVED

MAR 27 2008

WATER RESOURCES DEPT SALEM, OREGON

RECEIVED

FEB 07 2007

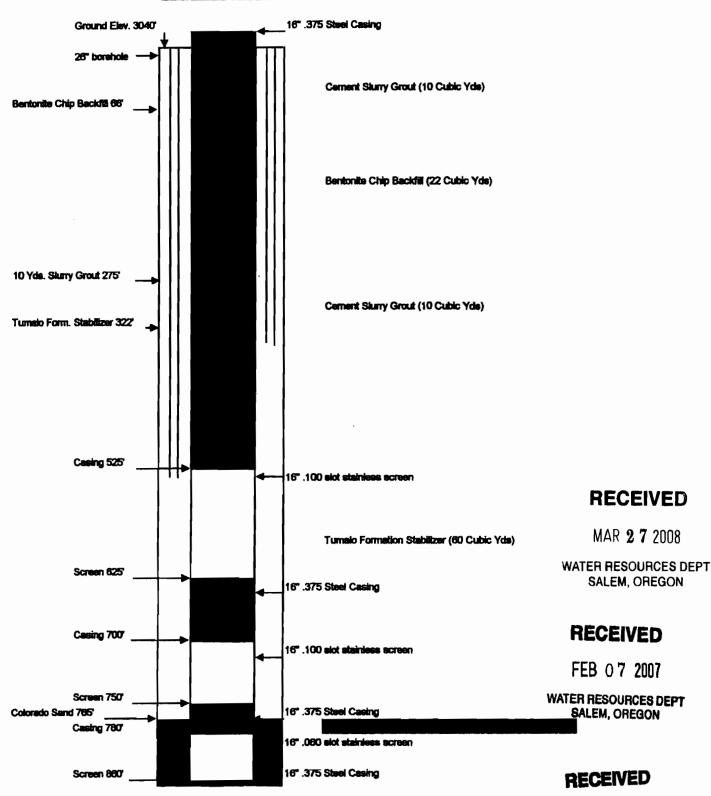
WATER RESOURCES DEPT SALEM, OREGON

RECEIVED

JAN 1 7 2007 WATER RESOURCES DEPT SALEM, OREGON

DESC 57788

CITY OF REDMOND WELL #7 AS BUILT



JAN 1 7 2007 WATER RESOURCES DEPT SALEM, OREGON