STATE OF OREGON

JUL 1 2 1985

RECEIVED Pg. 1 of 3

WATER WELL REPORT (as required by ORS 537.765)

WATER RESOURCES DEPT SALEM. OREGON

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(for official use only)

(1) OWNER:	(10) LOCATION OF WELL by lega	
Name City of Redmond	County Deschutes SE 4 NW 4	of Sectionof
Address City Hall	Township, Range, Range	(Range is East or West) WM.
City Redmond State Oreg.	Tax Lot Block Subdivision	(Mange is East or West)
(2) TYPE OF WORK (check): 97756		known
New Well Deepening Reconditioning Abandon	The state of the s	
If abandonment, describe material and procedure in Item 12.		
	(11) WATER LEVEL of COMPLET	ren well.
(3) TYPE OF WELL: (4) PROPOSED USE (check): Rotary Air Driven Domestic Industrial Municipal M	Depth at which water was first found 362	_
Thermal;		land surface. Date 5-24-85
Rotary Mud Dug Irrigation Withdrawal Reinjection Other:		square inch. Date
Cable Bored Diezometric Grounding Test		square mcn. Date
(5) CASING INSTALLED: Steel Plastic	(12) WELL LOG: Diameter of well below	/65
(5) CASING INSTALLED: Steel Plastic Threaded Welded W	Depth drilled 705 ft. Depth o Formation: Describe color, texture, grain size and structure	1 completed went
18, Diam. from +3 ft. to -718 t. Gauge	and nature of each stratum and aquifer penetrated, with at	least one entry for each change of
ft. toft. Gauge	formation. Report each change in position of Static Wai water-bearing strata.	er Level and indicate principal
LINER INSTALLED: Steel 🛛 Plastic		
Threaded Welded	MATERIAL	From To SWL
12 "Diam from 7073 ft. to 765 ft. 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
ft. toft.	Broken Lava, Cindery	27 30 -
perforations from ft. to ft.	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
Tohnson	Red-Black Cindery Rock	92 97 97 10 5
n. 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	Red Cinders	113 122
Diam. 18 Slot Size • 050 Set from 533 • 5 ft. to 553 • 5 ft. to 755 ft. to 755 ft.	Cinders& Lava Rock	122 126
	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
N N	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 hrs.	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 11-27-84 /complete	<u>374 385 </u>
(9) CONSTRUCTION: Special standards: Yes \(\sigma\) No \(\frac{1}{2}\)	, , , , , , , , , , , , , , , , , , , ,	-25 ₁₉ 85
Well seal—Material used Portland Cement		
Well sealed from land surface toft.	(unbonded) Water Well Constructor Certifica	
Diameter of well bore to bottom of sealinin	This well was constructed under my direct sup- information reported above are true to my best kno	rvision. Materials used and
Diameter of well bore below seal24 in.		
Amount of sealing material 85 sacks \$\sigma\$ pounds \$\sigma\$	[Signed]	Date 6-6 , 19 85
How was cement grout placed? Pumped	(bonded) Water Well Constructor Certification	on:
and the second control of the second control		WEST
Vas pump installed?Ω Type	(Sure On behalf of Buckner Pump Service	ety Company Name)
Vas a drive shoe used? Yes No Plugs Size: location ft.	[type or print name of Wa	ter Well Constructor)
Did any strata contain unusable water? Yes Yo	This well was drilled under my jurisdiction ar	nd this report is true to the
ype of Water? depth of strata	best of my knowledge and belief:	
Method of sealing strata off	(Signed) Kobert Duck	
Vas well gravel packed? 🛛 Yes 🗌 No Size of gravel: Monterey. 1	8 (Water Well Constructo	
ravel placed from520ft. to765ft.	(Dated) June 6, 1985	***************************************
gravel from		

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JUL 12 1985 PLEASE TYPE of PRINT IN INK WATER WELL REPORT (as required by ORS 537.765) (for official use only) WATER RESOURCES DEPT (10) LOCATION OF WELL by legal description: SALEM. OREGON (1) OWNER: SE 1/4 NW 1/4 of Section 20 Deschutes County. City of Redmond Name 1.5s WM. Township City Hall (Range is East or West) (Township is North or South) Redmond 97756 unknown (2) TYPE OF WORK (check): MAILING ADDRESS OF WELL (or nearest address) Deepening 🗆 🏺 Reconditioning Abandon 🛚 If abandonment, describe material and procedure in Item 12, (11) WATER LEVEL of COMPLETED WELL: (4) PROPOSED USE (check): (3) TYPE OF WELL: Depth at which water was first found Rotary Air 🔲 Driven Domestic ☐ Industrial ☐ Municipal ft. below land surface. Date 5-24-85362 Static level ☐ Withdrawal Rotary Mud П Irrigation ☐ Reinjection lbs. per square inch. Date Other: Artesian pressure Piezometric Grounding ☐ Test Bored (12) WELL LOG: Diameter of well below casing CASING INSTALLED: Steel Depth of completed well Plastic П 匢 Welded Threaded 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-7183... ft. Gauge formation. Report each change in position of Static Water Level and indicate principal ..." Diam. from ft. to ... water-bearing strata. LINER INSTALLED: E MATERIAL Threaded Welded Dk. Brwn. Sandstone & Blk. Sand 385 396 1.2." Diam. from ...707.12.... ft. to ...765..... ft. Gauge .. 250 Dk.Brwn.Sandstone-blk.Sand (6) PERFORATIONS: 396 450 more firm Size of perforations 450 455 Brwn. Sandstone-finer Sand perforations from some clay bonding 528 Dk. Brown Sandstone, some multperforations from perforations from ... colored pea gravels, possible water-465-485' Well screen installed? H Yes I No. (7) SCREENS: Johnson 528 540 Grey-Brwn. Tufted Ash Layer Manufacturer's Name Johnson
Type P.S. (see pg. 3 for full screen info) Firm Sandstone Conglomerate, Slow Drilling Gravels-Dk. Brwn 540 565 Slot Size ... 5. Set from ... 735 ft. to ... 755 565 590 Med. Brwn. Sandstone Drawdown is amount water level is lowered (8) WELL TESTS: Fine graned w/some clay bondg below static level Dk. Brwn. Sandstone, Coarser Was a pump test made? X Yes I No If yes, by whom? Buckner Pump 590 620 Sands 40 ft. drawdown after 72 1300 gal./min. with Coarse, DK. Brwn. Sandstone 620 645 w/½" minus pea gravels gal./min. with drill stem at hrs. Air test Coarse DK. Brwn. Sandstone W. gal./min. with hrs. ft. drawdown after Bailer test 645 650 more gravel-harder Artesian flow 650 697 Finer Grained Sandstone 54* perature of water Depth artesian flow encountered. 5-25-85 Date work started 11-27-84 /completed (9) CONSTRUCTION: Special standards: Date well drilling machine moved off of well Portland Cement Well seal—Material used (unbonded) Water Well Constructor Certification (if applicable): Well sealed from land surface to . This well was constructed under my direct supervision. Materials used and Diameter of well bore to bottom of seal information reported above are true to my best knowledge and belief. Diameter of well bore below seal ... [Signed] Amount of sealing material (bonded) Water Well Constructor Certification: How was cement grout placed? Issued by: Buckner Pump Service Was pump installed? .. (type or print name of Water Well Constructor) Was a drive shoe used? 🔲 Yes 🂢 No Plugs ... This well was drilled under my jurisdiction and this report is true to the Did any strata contain unusable water? ☐ Yes 🙀 No best of my knowledge and belief: Type of Water? depth of strata (Signed) Method of sealing strata off (Water Well Constructor) ☐ No Size of gravel: Mont.eray... Was well gravel packed? X Yes June 6, 1985 Gravel placed from520. . ft. to7.65

50' to \$20'

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WATER WELL REPORT JULIZ 1985
(as required by ORS 537.765) WATER RESOURCES DEPT

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(1) OWNER: SALEM, OREGON	(10) LOCATION OF WELL by lega		:		
Name City of Redmond	County Deschutes 4 4		of		
Address City Hall	Township 15S , Range , Range (Township is North or South)	13E	, WM.		
City Redmond State Oreg. 9775	5	(Range is East or West)			
(2) TYPE OF WORK (check):	Tax Lot Lot Block Subdivision WAILING ADDRESS OF WELL (or nearest address) U	nknown			
New Well $f X$ Deepening $f \Box$ Reconditioning $f \Box$ Abandon $f \Box$		· · · · · · · · · · · · · · · · · · ·			
If abandonment, describe material and procedure in Item 12.					
(3) TYPE OF WELL: (4) PROPOSED USE (check):	(11) WATER LEVEL of COMPLET	ED WELL:			
Rotary Air Driven Domestic Industrial 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: Piezometric Grounding Test	Artesian pressure lbs. per	square inch. Date			
(5) CASING INSTALLED: Steel Plastic	(12) WELL LOG: Diameter of well below Depth drilled 765 ft. Depth of		765 ft.		
Threaded \square Welded X	Formation: Describe color, texture, grain size and structure	of materials; and sho	w thickness		
18 Diam from +3 ft to -7183 ft Gauge .375 Diam from ft to ft Gauge	and nature of each stratum and aquifer penetrated, with at le formation. Report each change in position of Static Wat water-bearing strata.	east one entry for eac er Level and indicat	h change of te principal		
LINER INSTALLED: Steel 🔁 Plastic 🖂 Threaded 🖂 Welded 🕏	MATERIAL	From To	03371		
	Sand & Some Gravels-unstable	697 710	362		
12	(water between 695-715)	057 710			
(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 ft. to ft.	Cinders, Sands and Gravels		*****		
perforations from	Dk. Grey Basalt	754 765	362		
(7) SCREENS: Well screen installed? V Yes No					
Manufacturer's NameJohnston					
Type .P.,SModel NoModel No.					
Diam 18	-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					
Was a pump test made? ☑ Yes ☐ No If yes, by whom?					
d: 1300 gal./min. with 40 ft. drawdown after 72 hrs.					
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 encounteredft.	- 17 27 04	- E 2E 0E			
(9) CONSTRUCTION: Special standards: Yes □ No 🖈		a 5-25-85 25-85	10		
Well seal—Material used Portland cement		· ·	19		
Well sealed from land surface to	(unbonded) Water Well Constructor Certifica				
Diameter of well bore to bottom of seal in.	This well was constructed under my direct superinformation reported above are true to my best kno				
Diameter of well bore below seal	information reported above are the figure best kno	wieuge and benen	•		
Amount of searing material pounds 🗀	[Signed]	Date6.–6	, 19 85 .		
How was cement grout placed? Pumped	(bonded) Water Well Constructor Certification	· · · · · · · · · · · · · · · · · · ·			
<u></u>	Bond 10596951 Issued by: AMWEST	111.			
	(number) (Sure	ety Company Name)			
Was pump installed? Type	On behalf of Buckner Pump Service (type or print name of War	ter Well Constructor)			
Was a drive shoe used?	-				
Did any strata contain unusable water?	This well was drilled under my jurisdiction as best of my knowledge and belief:	nd this report is t	rue to the		
Type of Water? depth of strata					
Method of sealing strata off	(Signed) (Water Well Constructor				
Was well gravel packed? Yes □ No Size of gravel: Monterey # Gravel placed from 520 ft. to 765 ft.	(Dated) June 6, 1985	***************************************	***************************************		
Gravel placed from 520 ft. to 765 ft.					