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STATE OF OREGON WATER SUPPLY WELL REPORT (as required by ORS 537.765 & OAR 690-205-0210) JUL 2 5 2012

SALEM, OR

WELL LABEL # L	108233
START CARD #	201175

(1) LAND OWNER Owner Well I.D.	(9) LOCATION OF WELL (legal description)			
First Name Last Name	County SHERMAN Twp 1 S N/S Range 19 E E/W WM			
Company Oregon Parks & Recreation Department	Sec 17 NE 1/4 of the SW 1/4 Tax Lot 1700			
Address 725 Summer St. NE, Ste C				
City Salem State OR Zip 97301	Tax Map Number Lot Lat 0 " or DMS or DD Long 0 " or DMS or DD			
(2) TYPE OF WORK New Well Deepening Conversion	Long 0 " or DMS or DD			
Alteration (repair/recondition) Abandonment	Street address of well Nearest address			
(3) DRILL METHOD Rotary Air Rotary Mud Cable Auger Cable Mud	99989 Highway 206, Wasco, OR 97065			
Reverse Rotary Other	(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft)			
(4) PROPOSED USE Domestic Irrigation Community	Existing Well / Predeepening			
Industrial/ Commercial Livestock Dewatering	Completed Well 07-02-2012 77			
Thermal Injection Other	Flowing Artesian? Dry Hole?			
	WATER BEARING ZONES Depth water was first found 54			
(5) BORE HOLE CONSTRUCTION Special Standard Attach copy)				
Depth of Completed Well 340 ft. BORE HOLE SEAL sacks/	07-02-2012 327 338 100 77 N/A 52 54 1 N/M			
BORE HOLE SEAL sacks/ Dia From To Material From To Amt lbs	1011			
12 0 90 Bentonite 0 15 27 S				
10 90 335 Cement 15 90 35 S				
8 335 340	(11) WELL LOG Ground Flavotion			
	(11) WELL LOG Ground Elevation			
How was seal placed: Method A B C D E	Material From To			
Other bentonite poured	Cobbles & boulders w/clay, brown, soft 0 41			
Backfill placed from 90 ft. to 95 ft. Material sand (in annulus)	Basalt, grey, medium-hard, some fractures 41 50			
Filter pack from ft. to ft. Material Size	Basalt, grey, hard, some fractures 50 70			
Explosives used: Yes Type Amount	Basalt, brown, soft, fractured, some vesicles 70 83			
	Basalt, grey, medium, fractured 83 91 Basalt, grey & brown, medium, broken 91 107			
(6) CASING/LINER Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	Basalt, grey, hard, some fractures 107 120			
● 8 × 2 335 25 ● X	Basalt, grey, medium-hard, some fractures 120 138			
	Basalt, grey, medium-hard, fractured, occ. vesicles 138 158			
	Basalt, grey, medium-hard, some fractures 158 198			
	Basalt, grey, hard, some fractures 198 260			
	Basalt, grey, soft, fractured, some broken & vesicular 260 269			
Shoe Inside Outside Other Location of shoe(s)	Basalt, grey, medium, fractured 269 308 Basalt, grey, very hard, some fractures 308 327			
	Basalt, grey, very hard, some fractures 308 327 Basalt, multi-colored, soft, broken, vesicular 327 333			
Temp casing Yes Dia From To	Basalt, multi-colored, soft, broken, vestedial 327 339 Basalt, multi-colored, soft-medium, fractured 333 338			
(7) PERFORATIONS/SCREENS	Basalt, grey, medium, some fractures 338 340			
Perforations Method rotary				
Screens Type Material				
Perf/S Casing/Screen Scrn/slot Slot # of Tele/	Date Started 06-12-2012 Completed 07-02-2012			
creen Liner Dia From To width length slots pipe size Perf Casing 8 325 330 .2 1 150				
Perf Casing 8 325 330 .2 1 150	(unbonded) Water Well Constructor Certification			
	I certify that the work I performed on the construction, deepening, 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			
	the best of my knowledge and belief.			
(8) WELL TESTS: Minimum testing time is 1 hour	License Number 1797 Date 07-10-2012			
Pump	Password : (if 1) electronically)			
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)				
65	(spinded) Water Well Constructor Certification			
RECEIVED BY OWN	I accept responsibility for the construction, deepening, alteration, or abandonment			
	work performed on this well during the construction dates reported above. All work			
Temperature 70 °F Lab analysis Yes By	performed during this time is in compliance with Oregon water supply well			
Water quality concerns? Yes (describe below)	construction standards. This report is true to the best of my knowledge and belief.			
From To Description Amount Units	License Number 649 Date 07-10-2012			
MAI CHAOCH	Password : (iffailing electronically)			
SALEM, OR	Signed Styllin Silminds			
	Contact Info (optional)			
ORIGINAL - WATER RESOURCES DEPARTMENT				
THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK Form Version: 0.89				

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Company Oregon Parks & Recreation Department		
	Sec 17 NE 1/4 of the SW 1/4 Tax Lot 1700 Tax Lot 1700	
Address 725 Summer St. NE, Ste C City Salem State OR Zip 97301	Tax Map Number Lot DMS or DD	
(2) TYPE OF WORK New Well Deepening Conversion	Long 0 " or DMS or DD	
Alteration (repair/recondition) Abandonment	Street address of well Nearest address	
	99989 Highway 206, Wasco, OR 97065	
(3) DRILL METHOD	, , , , , , , , , , , , , , , , , , ,	
Rotary Air Rotary Mud Cable Auger Cable Mud	(10) STATIC WATER LEVEL	
Reverse Rotary Other	Date SWL(psi) + SWL(ft)	
(4) PROPOSED USE Domestic Irrigation Community	Existing Well / Predeepening	
Industrial/ Commercial Livestock Dewatering	Completed Well 07-02-2012 77	
	Flowing Artesian? Dry Hole?	
Thermal Injection Other	WATER BEARING ZONES Depth water was first found 54	
(5) BORE HOLE CONSTRUCTION Special Standard Attach copy	SWL Date From To Est Flow SWL(psi) + SWL(ft)	
Depth of Completed Well 340 ft.	07-02-2012 327 338 100 77	
BORE HOLE SEAL sacks/	NA ~52 ~54 1 NM	
Dia From To Material From To Amt lbs		
12 0 90 Bentonite 0 15 27 S		
10 90 335 Cement 15 90 35 S		
8 335 340	(11) WELL LOG Ground Flavotion	
	Oround Elevation	
How was seal placed: Method A B C D E	Material From To	
Other bentonite poured	Cobbles & boulders w/clay, brown, soft 0 41	
Backfill placed from 90 ft. to 95 ft. Material sand (in annulus)	Basalt, grey, medium-hard, some fractures 41 50 Basalt grey, hard some fractures 50 70	
Filter pack from ft. to ft. Material Size	Basalt, grey, hard, some fractures 50 70 Basalt, brown, soft, fractured, some vesicles 70 83	
Explosives used: Yes Type Amount	Basalt, grey, medium, fractured 83 91	
(C) CACING/LINED	Basalt, grey & brown, medium, broken 91 107	
(6) CASING/LINER Casing Liner Dia + From To Gauge Stl Plste Wld Thrd	Basalt, grey, hard, some fractures 107 120	
	Basalt, grey, medium-hard, some fractures 120 138	
● ○ 8 × 2 335 .25 ● ○ × □	Basalt, grey, medium-hard, fractured, occ. vesicles 138 158	
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Shoe Inside Outside Other Location of shoe(s)	Basalt, grey, very hard, some fractures 308 327	
Temp casing Yes Dia From To	Basalt, multi-colored, soft, broken, vesicular 327 333 Basalt, multi-colored, soft-medium, fractured 333 338	
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Screens Type Material		
Perf/S Casing/Screen Scrn/slot Slot # of Tele/	D. C I	
creen Liner Dia From To width length slots pipe size	Date Started 06-12-2012 Completed 07-02-2012	
Perf Casing 8 325 330 .2 1 150	(unbonded) Water Well Constructor Certification	
	1 certify that the work I performed on the construction, deepening, 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	
	the best of my knowledge and belief.	
(8) WELL TESTS: Minimum testing time is 1 hour	License Number 1797 Date 07-10-2012	
Pump Bailer Air Flowing Artesian Yield gal/min Drawdown Drill stem/Pump depth Duration (hr) Password: (if The electronically) Signed		
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	Signed	
65 4 Duration (iii)	(bonded) Water Well Constructor Certification	
	I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work	
Temperature 70 °F Lab analysis Yes By	performed during this time is in compliance with Oregon water supply well	
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From To Description Amount Units	License Number, 649 Date 07-10-2012	
	Password: (italing electronically) Signed Thirty Laments	
	Contact Info (optional)	