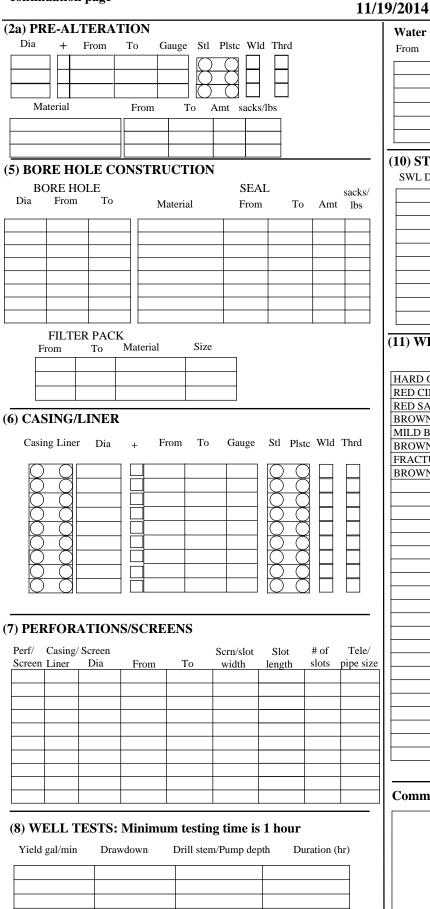
STATE OF OREGON	DESC 60151 WELL I.D. LABEL# L ₁₁₆₅₇₀
WATER SUPPLY WELL REPORT	START CARD # 1024744
(as required by ORS 537.765 & OAR 690-205-0210)	11/19/2014 ORIGINAL LOG #
) LAND OWNER Owner Well I.D.	
irst Name BRENT Last Name GOODMAN	(0) I OCATION OF WELL (legal description)
l'ompany	(9) LOCATION OF WELL (legal description)
ddress 64711 OTTER RUN LN	County DESCHUTES Twp 16.00 S N/S Range 11.00 E E/V
ity BEND State OR Zip 97701	Sec 23 SE 1/4 of the SE 1/4 Tax Lot 521
TYPE OF WORK New Well Deepening	Tax Map Number Lot
Alteration (complete 2a & 10) Abandonn	Conversion Lat or DMS o
a) PRE-ALTERATION	Long Of DMS o
Dia + From To Gauge Stl Plstc Wld	Thrd O Street address of well O Nearest address
	65320 HWY 20
Material From To Amt sacks/lbs	
Seal:	
) DRILL METHOD	(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft
Rotary Air Rotary Mud Cable Auger Cable	E Mud Date SWL(psi) + SWL(ft Existing Well / Pre-Alteration
Reverse Rotary Other	Completed Well 11/6/2014 641
PROPOSED USE Domestic Irrigation Com	
	WATER BEARING ZONES Depth water was first found <u>645.00</u>
Thermal Injection Other	SWL Date From To Est Flow SWL(psi) + SWL(i
BORE HOLE CONSTRUCTION Special Standard	d (Attach copy) 11/6/2014 645 770 20 641
Depth of Completed Well 770.00 ft.	
BORE HOLE SEAL	sacks/
	To Amt lbs
12 0 243 Bentonite Chips 0 8	
8 243 770 Cement 8 243	3 132 S
	(11) WELL LOG Ground Elevation
	Glound Elevation
	D E Material From To
X Other POURED DRY	TOP SOIL 0 2
Backfill placed from ft. to ft. Material	BROWN SANDSTONE 2 8 Size MILD GRAY LAVA 8 41
Filter pack from ft. to ft. Material	Size MILD GRAT LAVA 8 41
	41 65
Explosives used: Yes Type Amount	COARSE BROWN CONCLOMERATE 41 05
Explosives used: Yes Type Amount	BROWN SANDSTONE 65 162
Explosives used: Yes Type Amount Amount About Amount Amount Amount Provide Amount	BROWN SANDSTONE 65 162
Explosives used: Yes Type Amount	COARSE BROWN CONCLOMERATE4105BROWN SANDSTONE65162RED CONGLOMERATE162182
Explosives used: Yes Type Amount Amount Yes Amount Actual Amount Actual Amount Actual Amount CASING/LINER	COARSE BROWN CONCLOMERATE4105BROWN SANDSTONE65162RED CONGLOMERATE162182MILD BROWN LAVA182192HARD GRAY LAVA192215GRAVELS AND CINDERS215235
Explosives used: Yes Type Amount a) ABANDONMENT USING UNHYDRATED BENT Proposed Amount Actual Amount O CASING/LINER Casing Liner Dia + From To Gauge Sti	COARSE BROWN CONCLOMERATE4103BROWN SANDSTONE65162RED CONGLOMERATE162182MILD BROWN LAVA182192HARD GRAY LAVA192215GRAVELS AND CINDERS215235HARD GRAY LAVA235266
Explosives used: Yes TypeAmount	COARSE BROWN CONCLOMERATE4105BROWN SANDSTONE65162RED CONGLOMERATE162182MILD BROWN LAVA182192HARD GRAY LAVA192215GRAVELS AND CINDERS215235HARD GRAY LAVA235262RED CINDERS CONGLOMERATE262288
Explosives used: Yes Type Amount a) ABANDONMENT USING UNHYDRATED BENT Proposed Amount Actual Amount O CASING/LINER Casing Liner Dia + From To Gauge Sti	COARSE BROWN CONCLOMERATE4105BROWN SANDSTONE65162RED CONGLOMERATE162182MILD BROWN LAVA182192HARD GRAY LAVA192215GRAVELS AND CINDERS215235HARD GRAY LAVA235262RED CINDERS CONGLOMERATE262288HARD GRAY LAVA288315
Explosives used: Yes TypeAmount	COARSE BROWN CONCLOMERATE4105BROWN SANDSTONE65162RED CONGLOMERATE162182MILD BROWN LAVA182192HARD GRAY LAVA192215GRAVELS AND CINDERS215235HARD GRAY LAVA235262RED CINDERS CONGLOMERATE262288HARD GRAY LAVA288315RED CINDERS CONGLOMERATE315325
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Explosives used: Yes Type Amount	COARSE BROWN CONCLOMERATE44105BROWN SANDSTONE65162RED CONGLOMERATE162182MILD BROWN LAVA182192HARD GRAY LAVA192215GRAVELS AND CINDERS215235HARD GRAY LAVA235262RED CINDERS CONGLOMERATE262288HARD GRAY LAVA288315RED CINDERS CONGLOMERATE315325HARD GRAY LAVA325352BROKEN BROWN LAVA352360
Explosives used: Yes Type Amount ABANDONMENT USING UNHYDRATED BENT Proposed Amount Actual Amount OCASING/LINER Casing Liner Dia ABANDONMENT USING UNHYDRATED BENT Actual Amount OCASING/LINER Casing Liner Base Actual Amount OCASING/LINER Casing Liner Dia Amount To Gauge Sti O 6 Inside Other Location of shoe	COARSE BROWN CONCLOMERATE 44 05 BROWN SANDSTONE 65 162 RED CONGLOMERATE 162 182 MILD BROWN LAVA 182 192 HARD GRAY LAVA 192 215 GRAVELS AND CINDERS 215 235 HARD GRAY LAVA 235 262 RED CINDERS CONGLOMERATE 262 288 HARD GRAY LAVA 288 315 RED CINDERS CONGLOMERATE 315 325 HARD GRAY LAVA 325 352 BROKEN BROWN LAVA 352 360 e(s) HARD GRAY LAVA 360 385
Explosives used: Yes Type Amount ABANDONMENT USING UNHYDRATED BENT Proposed Amount Actual Amount OCASING/LINER Casing Liner Dia 6 1 770 .188 6 1 770 .188 9 6 9 6 1 770 9 6 1 770 1 0 0 0 <	COARSE BROWN CONCLOMERATE 41 03 BROWN SANDSTONE 65 162 BROWN SANDSTONE 65 162 BROWN SANDSTONE 65 162 BROWN SANDSTONE 65 162 BROWN SANDSTONE 162 182 Plstc Wid Thrd Image: State
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Explosives used: Yes Type Amount ABANDONMENT USING UNHYDRATED BENT Proposed Amount Actual Amount OCASING/LINER Casing Liner Dia + From To Gauge Stl 2 243 .250 O 6 1 770 .188 O 6 1 770 .188 Shoe Inside Outside Other Location of shoe Temp casing Yes Dia From T PERFORATIONS/SCREENS Perforations Method FACTORY	PONITE 65 162 PROWN SANDSTONE 65 162 RED CONGLOMERATE 162 182 MILD BROWN LAVA 182 192 HARD GRAY LAVA 192 215 GRAVELS AND CINDERS 215 235 HARD GRAY LAVA 235 262 RED CINDERS CONGLOMERATE 262 288 HARD GRAY LAVA 288 315 RED CINDERS CONGLOMERATE 315 325 HARD GRAY LAVA 288 315 RED CINDERS CONGLOMERATE 315 325 HARD GRAY LAVA 325 352 BROKEN BROWN LAVA 352 360 HARD GRAY LAVA 385 395 HARD GRAY LAVA 385 395 HARD GRAY LAVA 385 395 HARD GRAY LAVA 395 429 BROKEN BROWN LAVA 395 429 BROKEN BROWN LAVA 429 434
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Explosives used: Yes Type Amount ABANDONMENT USING UNHYDRATED BENT Proposed Amount Actual Amount OCASING/LINER Casing Liner Dia + From To Gauge Stl Image: Casing Liner B 2 243 .250 Image: Casing Liner B Casing Liner Image: Casing Liner Image: Casing Liner Shoe Inside Outside Other Location of shoe Temp casing Yes Dia From T PERFORATIONS/SCREENS Perforations Method FACTORY Screens Type Material Perf/ Casing/Screen Scrn/slot Slot Screen Liner Dia From To width length	PONITE COARSE BROWN CONCLOMERATE 41 03 BROWN SANDSTONE 65 162 BROWN SANDSTONE 65 162 BROWN SANDSTONE 65 162 BROWN SANDSTONE 65 162 BROWN LAVA 182 192 HARD GRAY LAVA 192 215 GRAVELS AND CINDERS 215 235 HARD GRAY LAVA 235 262 RED CINDERS CONGLOMERATE 262 288 HARD GRAY LAVA 288 315 RED CINDERS CONGLOMERATE 315 325 HARD GRAY LAVA 325 352 BROKEN BROWN LAVA 360 385 BROKEN BROWN LAVA 395 429 BROKEN BROWN LAVA 429 434 Date Started10/30/2014 Complete 11/6/2014 (unbonded) Water Well Constructor Certification 1 I certify that the work I performed on the construction, deepening, alterati abandonment of this well
Explosives used: Yes Type Amount ABANDONMENT USING UNHYDRATED BENT Proposed Amount Actual Amount OCASING/LINER Casing Liner Dia + From To Gauge Stl Image: Casing Liner B 2 243 .250 Image: Casing Liner B Casing Liner Image: Casing Liner Image: Casing Liner Shoe Inside Outside Other Location of shoe Temp casing Yes Dia From T PERFORATIONS/SCREENS Perforations Method FACTORY Screens Type Material Perf/ Casing/Screen Scrn/slot Slot Screen Liner Dia From To width length	PONITE 6000000000000000000000000000000000000
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Explosives used: Yes Type Amount ABANDONMENT USING UNHYDRATED BENT Proposed Amount Actual Amount CASING/LINER Casing Liner Dia + From To Gauge State 2 243 .250 O 6 1 770 .188 O 6 1 770 .188 Shoe Inside Outside Other Location of shoe Temp casing Yes Dia From T PERFORATIONS/SCREENS Perforations Meterial Perf/ Perf/ Casing/Screen Scrn/slot Slot Screens Type Material Material Perf Liner 6 749 770 .125 3 Perf Liner 6 749 770 .125 3 WELL TESTS: Minimum testing time is 1 hour O Pion Pion Pion	CONITE 60 ANSE BROWN CONCOMPRATE 41 0.0 BROWN SANDSTONE 65 162 RED CONGLOMERATE 162 182 MILD BROWN LAVA 182 192 HARD GRAY LAVA 192 215 GRAVELS AND CINDERS 215 235 HARD GRAY LAVA 235 262 RED CINDERS CONGLOMERATE 262 288 HARD GRAY LAVA 288 315 RED CINDERS CONGLOMERATE 315 3255 HARD GRAY LAVA 325 352 BROKEN BROWN LAVA 325 352 BROKEN BROWN LAVA 360 385 BROKEN BROWN LAVA 360 385 BROKEN BROWN LAVA 395 429 BROKEN BROWN LAVA 300 385 BROKEN BROWN LAVA 395 429 BROKEN BROWN LAVA 395 429 BROKEN BROWN LAVA 429 434 Date Started 10/30/2014 <t< td=""></t<>
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ORIGINAL - WATER RESOURCES DEPARTMENT THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK Form Version:

WATER SUPPLY WELL REPORT -

continuation page



DESC 60151

WELL I.D. LABEL# L START CARD # 1024744 ORIGINAL LOG

Page 2 of 2

Water Quality Concerns

From	То	Description	Amount	Units

(10) STATIC WATER LEVEL

SWL Date	From	То	Est Flow	SWL(psi)	+ SWL(ft)

(11) WELL LOG

Material	From	То
HARD GRAY LAVA	434	461
RED CINDERS CONGLOMERATE	461	472
RED SANDSTONE	472	493
BROWN SANDSTONE	493	546
MILD BROWN LAVA	546	555
BROWN SANDSTONE COARSE	555	645
FRACTURED BROWN LAVA W/B	645	751
BROWN SANDSTONE W/B	751	770
		-

Comments/Remarks