

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

WELL LABEL # L 91798

START CARD # 193851

(1) LAND OWNER Owner Well I.D. _____
 First Name _____ Last Name _____
 Company SBE, Inc.
 Address 11880 Lauren Lane
 City Newberg State OR Zip 97132

(2) TYPE OF WORK New Well Deepening Conversion
 Alteration (repair/recondition) Abandonment

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable Auger Cable Mud
 Reverse Rotary Other _____

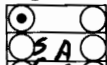
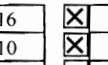
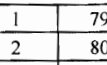
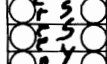
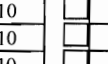
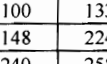
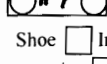
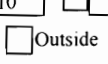
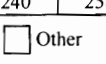
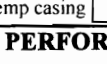
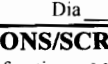
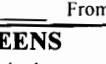

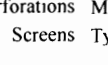
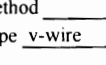
(4) PROPOSED USE Domestic Irrigation Community
 Industrial/ Commercial Livestock Dewatering
 Thermal Injection Other _____

(5) BORE HOLE CONSTRUCTION Special Standard Attach copy)
 Depth of Completed Well 246 ft.

BORE HOLE			SEAL			sacks/ lbs	
Dia	From	To	Material	From	To	Amt	lbs
20	0	127	Bentonite	0	71	83	S
16	127	400	Cement	71	76	5	S

How was seal placed: Method A B C D E
 Other bentonite P&P
 Backfill placed from 261 ft. to 400 ft. Material slough
 Filter pack from 61 ft. to 261 ft. Material CSSI etal Size 6/9 etal
 Explosives used: Yes Type _____ Amount _____

(6) CASING/LINER

Casing Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
	16	<input checked="" type="checkbox"/>	1	79	.375			<input checked="" type="checkbox"/>	
	10	<input checked="" type="checkbox"/>	2	80	.250			<input checked="" type="checkbox"/>	
	10	<input type="checkbox"/>	100	133	.250			<input checked="" type="checkbox"/>	
	10	<input type="checkbox"/>	148	224	.250			<input checked="" type="checkbox"/>	
	10	<input type="checkbox"/>	240	258	.250			<input checked="" type="checkbox"/>	

Shoe Inside Outside Other Location of shoe(s) _____
 Temp casing Yes Dia _____ From _____ To _____

(7) PERFORATIONS/SCREENS
 Perforations Method _____
 Screens Type v-wire Material 304SS

Perf/S	Casing/Screen	Scm/slot	Slot	# of	Tele/			
Screen	Liner	Dia	From	To	width	length	slots	pipe size
Screen		10	80	100	.04			PS
Screen		10	133	148	.04			PS
Screen		10	224	240	.04			PS

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
240	42		1
240	49		2

Temperature 55 °F Lab analysis Yes No
 Water quality concerns? Yes (describe) _____

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)
 County MARION Twp 4 S N/S Range 2 W E/W WM
 Sec 8 SW 1/4 of the NW 1/4 Tax Lot 600
 Tax Map Number 4 2W 08 Lot _____
 Lat _____ " or _____ DMS or DD
 Long _____ " or _____ DMS or DD
 Street address of well Nearest address

21881 River Road NE, St. Paul, OR 97137

(10) STATIC WATER LEVEL
 Date _____ SWL(psi) _____ + SWL(ft) _____
 Existing Well / Predeepening _____
 Completed Well 11-24-2008 _____ + _____ 38
 Flowing Artesian? Dry Hole?

WATER BEARING ZONES Depth water was first found 55

SWL Date	From	To	Est Flow	SWL(psi)	+ SWL(ft)
	# 55	* 73	NM		NM
11-24-2008	* 80	* 236	585		38

** sand & gravel layers between these intervals*

(11) WELL LOG Ground Elevation _____

Material	From	To
Top soil	0	2
Clay, brown, soft, silty	2	27
Clay, grey, silty	27	55
Sand, black, fine	55	64
Clay, grey, soft, silty	64	66
Sand, black, fine	66	69
Clay, grey, soft, silty	69	71
Sand, black, fine	71	73
Clay, grey, soft w/some hard	73	74
Clay, grey, soft	74	80
Sand, black, fine w/clay, hard, grey & pumice	80	85
Sand, black, fine w/pumice	85	90
Clay, grey, soft	90	91
Clay, greenish brown, soft	91	93
Clay, green soft w/wood	93	95
Sand, brown, medium w/some clay, brown, soft	95	97
Clay, greenish grey, soft, sandy-silty	97	102
Clay, grey, soft	102	116

continued on page 2

Date Started 09-17-2008 Completed 11-24-2008

(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.
 License Number 1797 Date 12-19-2008
 Password: (if filing electronically) _____
 Signed _____

(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 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.
 License Number 649 Date 12-19-2008
 Password: (if filing electronically) _____
 Signed Stephen J. Schmidt
 Contact Info (optional) _____

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(5) BORE HOLE CONSTRUCTION

BORE HOLE			SEAL			sacks/ lbs
Dia	From	To	Material	From	To	

FILTER PACK

From	To	Material	Size

(6) CASING/LINER

Casing Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

(7) PERFORATIONS/SCREENS

Perf/S creen	Casing/ Liner	Screen Dia	From	To	Scrn/slot width	Slot length	# of slots	Tele/ pipe size

(8) WELL TESTS: Minimum testing time is 1 hour

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Water Quality Concerns

From	To	Description	Amount	Units

(10) STATIC WATER LEVEL

Water Bearing Zones

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

(11) WELL LOG

Material	From	To
Clay, grey, soft, silty-sandy	116	121
Clay, green, soft, silty	121	132
Clay, grey, silty-sandy	132	137
Gravel, 1/2"- & sand, black, medium w/wood & some clay, grey, hard	137	142
Clay, grey, silty, soft w/some gravel 1"	142	143
Sand, green, fine	143	145
Gravel, 2"- & sand, black, medium	145	146
Clay, green & brown, silty	146	151
Clay, tan & grey, soft w/some gravel, pea	151	157
Clay, tan, soft	157	161
Clay, green, soft	161	189
Clay, darke grey, soft	189	211
Clay, grey & green, soft w/some hard grey	211	221
Clay, brown, soft, silty	221	226
Sand, green & brown, fine-medium	226	228
Gravel, 1.5"- & sand, black, coarse-fine	228	236
Clay, dark grey, silty	236	243
Clay, green w/brown, medium-hard	243	251
Clay, multicolored, medium	251	291
Clay, greenish brown, soft, silty w/gravel, 1/2"	291	292
Clay, green & grey w/brown, medium	292	400

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WATER RESOURCES DEPT
SALEM, OREGON

Comments/Remarks

Bottom of screen assembly contains cement grout plug up to 246'.
Steel plate ring w/pack access ports welded between 16" casing and 10" screen assembly at top of 16" casing.