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

12-19-2008

WELL LABEL # L	91210
START CARD#	1002202

(1) LAND OWNER Owner Well I.D. 1264 (OM4)	(9) LOCATION OF WELL (legal description)	
First Name Michael Last Name Keiser	County Coos Twp 28.00 S N/S Range 14.00	W E/W WM
Company Bandon Dunes/Old McDonald	Sec 5 SE 1/4 of the NW 1/4 Tax Lot 40	
Address 55744 Round Lake Drive	Tax Map Number Lot	
City Bandon State OR Zip 97411	Tax Map Number Lot Lat ' ' or Long ' or	DMS or DD
(2) TYPE OF WORK New Well Deepening Conversion	Long or	DMS or DD
Alteration (repair/recondition) Abandonment	Street address of well Nearest address 55744 Pound Leks Drive Ponden	
(3) DRILL METHOD	55744 Round Lake Drive, Bandon	
Rotary Air Rotary Mud Cable Auger Cable Mud 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 12-05-2008	56.8
Thermal Injection Other	Flowing Artesian? Dry Hole?	
(5) BORE HOLE CONSTRUCTION Special Standard Attach copy)	WATER BEARING ZONES Depth water was first found	
Depth of Completed Well _273.50 ft.	SWL Date From To Est Flow SWL(psi) 10-07-2008 3 73 50	+ SWL(ft)
BORE HOLE SEAL sacks/	10-07-2008 3 73 30 10-21-2008 95 120 50	56.8
Dia From To Material From To Amt lbs	10-22-2008 147 151 20	56.8
23 0 95 Cement 0 95 90 S	12-23-2008 166 168 20	56.8
17.5 95 274 Cement 95 178 85 S	12-24-2008 182 184 20	56.8
	(11) WELL LOG Ground Elevation 200	
How was seal placed: Method $\square A \square B \square C \square D \square E$	Material From	То
Other	Sand fine-medium gray brown 0	14
Backfill placed from ft. to ft. Material	Sand fine-medium gray brown w/ peat 14 Sand fine-medium gray brown 15	15
Filter pack from 178 ft. to 273 ft. Material Gravel Size pea gravel	Sand fine-medium gray brown w/wood 15 Sand fine-medium gray brown w/wood 16	16 18
Explosives used: Yes Type Amount	Sand fine-medium gray brown 18	19
(6) CASING/LINER	Peat w/wood 19	20
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	Wood w/sand fine-medium & peat lenses 20	22
● 17.5 × 1.5 × 83.66 · .250 ● ○ × □	Sand fine-medium gray brown w/wood 22 Wood w/peat & sand fine gray 35	35
0 10 2 186.77 .250 0 0 10 199.02 206.08 .250 0	Wood w/peat & sand fine gray Sand fine-medium gray w/wood & peat 35 Sand fine-medium gray w/wood & peat	38 52
2	Peat w/wood 52	55
	Sand fine-medium gray 55	58
	Peat w/wood & sand fine-medium gray 58	61
Shoe Inside Outside Other Location of shoe(s)	Sand fine-medium gray 61 Sandy clay gray 73	73
Temp casing Yes Dia From To	Silty clay green gray 73 Silty clay green gray 75	75
(7) PERFORATIONS/SCREENS	Silty clay gray 77	80
Perforations Method Screens Type Johnson V-Wire Material StainlessSteel	Sandy clay gray 80	95
	Continued on page 2 80	95
Perf/S Casing/ Screen	Date Started <u>05-05-2008</u> Completed <u>12-05-2008</u>	
Screen 10 186.77 199.02 .101 10	(unbonded) Water Well Constructor Certification	
Screen 10 206.08 216.25 .101 10	I certify that the work I performed on the construction, deepen abandonment of this well is in compliance with Oregon w	
Screen 10 256 268 .101 10	construction standards. Materials used and information reported	
	the best of my knowledge and belief.	
(8) WELL TESTS: Minimum testing time is 1 hour	License Number <u>1759</u> Date <u>12-19-2008</u>	
● Pump	Electronically Filed	
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	Signed CHRISTOPHER L KERSEY (E-filed)	
99.9 7.6 231 1	(bonded) Water Well Constructor Certification	
202 16.6 231 1 299.5 25.5 231 1	I accept responsibility for the construction, deepening, alteration work performed on this well during the construction dates reported	
Temperature 55 °F Lab analysis Yes By Bandon Well & Pump Co.	performed during this time is in compliance with Oregon w	
Water quality concerns? Yes (describe below)	construction standards. This report is true to the best of my knowl	
From To Description Amount Units	License Number 1493 Date 12-19-2008	
	Electronically Filed	
	Signed JAMES A MACK SR (E-filed)	
	Contact Info (optional) BANDON WELL & PUMP COMPANY	(541) 347-7867

12-19-2008

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(5) BORE HOLE CONSTRUCTION

BORE HOLE		SEAL			sacks/
Dia From T	Material	From	To	Amt	sacks/
					\vdash
					\vdash
					\vdash

FILTER PACK Material Siz

From	То	Material	Size	

(6) CASING/LINER

Casing Liner	Dia	+	From	To	Gauge	Stl]	Plstc Wlo	l Thrd
Casing Liner	Dia	+	From	10	Gauge		Piste Wild	l Inra
						\bigcirc		

(7) PERFORATIONS/SCREENS

Casing/ Liner	From	To	Scrn/slot width	Slot length	Tele/ pipe size

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

Yield gal/min	Drawdown	Drill stem/Pump dep	th Duration (hr)
398.7	35.4	231	1
400.2	48	231	72

Water Quality Concerns

From	То	Description	Amount	Units

(10) STATIC WATER LEVEL

Water Bearing Zones

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)
10-24-2008	189	200	200			56.8
11-04-2008	207	214.5	150			56.8
11-05-2008	225	228	50			56.8
11-05-2008	242	243	20			56.8
11-05-2008	248	250	50			56.8
11-07-2008	255	267	250			56.8

(11) WELL LOG

Material	From	То
Gravel fine-medium w/sand coarse-fine gray	95	100
Gravel coarse-fine w/sand coarse-fine green gray	100	105
Gravel m-f-c w/sand coarse-fine green gray	105	120
Sandy clay green gray	120	147
Gravel coarse-fine w/sand coarse-fine green gray	147	151
Sandy clay green gray	151	166
Gravel medium-fine w/sand coarse-fine green gray	166	168
Silty clay green gray	168	175
Silty clay gray	175	182
Gravel coarse-fine green gray	182	184
Sandy clay gray	184	188
Gravel coarse-fine w/sand coarse-fine green black *	188	199
Gravel coarse-fine w clay gray	199	207
Gravel coarse-fine w/sand coarse -fine green black *	207	214.5
Silty clay gray	214.5	220
Sandy clay gray w/wood	220	222
Sandy clay gray	222	225
Shell w/gravel coarse-fine	225	228
Sandy clay gray	228	238
Sandy clay gray w/gravel fine & wood	238	242
Gravel medium-fine gray black w/sand & shell	242	243
Sandy clay gray	243	248
Gravel medium-fine gray black w/shell	248	250
Sandy clay gray	250	253
Silty clay green	253	255
Gravel coarse-fine w/sand c-f gray green black *	255	262
Gravel coarse-fine w/clay gray *	262	264
Gravel coarse-fine w/clay gray & wood *	264	265
Continued in comment section		

Comments/Remarks

Gravel coarse-fine w/sandy clay gray brown	*	265		268
Silty clay gray		268	_	269
Sandstone gray		269	_	274

Cement seal between 17.5" & 10" casing is set at 70'. 1 1/4 gravel tube set @ 180' to surface between 17.5" & 10" casing 8.33 gal/ft of dd