STATE OF OREGON WATER SUPPLY WELL REPORT

(as required by ORS 537.765 & OAR 690-205-0210)

DESC 58351

01-11-2008

WEI

WELL LABEL # L 93049

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START CARD # 1002742

(1) LAND OWNER Owner Well I.D.	(9) LOCATION OF WELL (legal description)	
First Name BRIAN Last Name BOUMA	County Deschutes Twp 17.00 S N/S Range 11.0	00_E E/W WM
Company DAVE YORK DESIGN	Sec $\underline{2}$ <u>SW</u> 1/4 of the <u>SE</u> 1/4 Tax Lot	1100
Address C/O 2269 NE TWIN KNOLLS DR	Tax Map Number Lot	
City BEND State OR Zip 97701	Lat <u>44</u> <u>7</u> <u>48.000</u> " or <u>44.13000000</u>	DMS or DD
(2) TYPE OF WORK New Well Deepening Conversion	Long <u>-121</u> ° <u>22</u> ' <u>14.000</u> " or <u>-121.37055556</u>	DMS or DD
Alteration (repair/recondition) Abandonment	Street address of well Nearest address	
	64090 TYLER RD	
(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 01-07-2008	493
Thermal Injection Other	Flowing Artesian? Dry Hole?	
	WATER BEARING ZONES Depth water was first four	nd 44
(5) BORE HOLE CONSTRUCTION Special Standard Attach copy) SWL Date From To Est Flow SWL(psi	+ SWL(ft)
Depth of Completed Well <u>590.00</u> ft.	12-06-2007 44 55 12	42
BORE HOLE SEAL sacks	01-03-2008 518 590 70	490
Dia From To Material From To Amt lbs		
14 0 79 Bentonite Chips 0 13 17 S		
10 79 590 Cement 13 79 66 S		
	(11) WELL LOG Ground Elevation 3,352	
How was seal placed: Method A B C D E	Material From	То
Cother Poured Dry	Clay Gravels Sand Brown 0	44
Backfill placed from ft. to ft. Material	Sandstone Clay Red 44	55
Filter pack from ft. to ft. Material Size	Basalt Black 55	85
Explosives used: Yes Type Amount	Basalt Clay Seams Red Brown 85	115
	Basalt Brown 115	200
(6) CASING/LINER Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	Basalt Clay Seams Red Brown 200 Lava Cinder Seams Creviced 215	215
	Z1.J	245
	Conglomerate Brown 256	256 265
	Lava Gray 265	282
	Lost Returns Creviced 282	295
	Lava Broken 295	315
	Lava Solid Broken Layers 315	365
Shoe Inside Outside Other Location of shoe(s)	Cinders Red 365	380
Temp casing Yes Dia From To	Lava Creviced Cinder Layers 380 Sandstone Conglomerate Layers 415	415
(7) PERFORATIONS/SCREENS		475
Perforations Method Machine	7/3	518
Screens Type Material	Sandstone Conglomerate Layers 518 Lava Basalt Creviced 560	<u> </u>
Perf/S Casing/ Screen Scrn/slot Slot # of Tele/		
creen Liner Dia From To width length slots pipe size	Date Started 12-06-2007 Completed 01-07-20	08
Perf Liner 8 550 590 .125 3 608	(unbonded) Water Well Constructor Certification	
	I certify that the work I performed on the construction, deep	ening, alteration, or
	abandonment of this well is in compliance with Oregon	water supply wel
	construction standards. Materials used and information report the best of my knowledge and belief.	ed above are true to
(8) WELL TESTS: Minimum testing time is 1 hour	License Number Date Date	
Pump Bailer Air Flowing Artesian	Electronically Filed	
<u>Yield gal/min</u> Drawdown Drill stem/Pump depth Duration (hr)	Signed THOMAS R PECK (E-filed)	
70 550 2	(bonded) Water Well Constructor Certification	
	I accept responsibility for the construction, deepening, alterat	ion, or abandonme
	work performed on this well during the construction dates report	rted above. All wor
Temperature 53 °F Lab analysis Yes By	performed during this time is in compliance with Oregon	water supply we
Water quality concerns? Yes (describe below)	construction standards. This report is true to the best of my know	wledge and belief.
From To Description Amount Units	License Number <u>1720</u> Date <u>01-11-2008</u>	
	Electronically Filed	
	Signed JACK ABBAS (E-filed) Contact Info (optional)	

ORIGINAL - WATER RESOURCES DEPARTMENT

THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK

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WATER SUPPLY WELL REPORT -

continuation page

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START CARD # <u>1002742</u>

01-11-2008

(5) BORE HOLE CONSTRUCTION SEVI BODE HOLE

	OKE H					SEAL			sacks/
Dia	Fron	1 To		Mat	erial	From	То	Amt	lbs
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	FILT	ER PAC	ĸ						
		То		terial	Size				
	From	10	1010	lienai	5120				
L									

(6) CASING/LINER

Casing Liner	Dia	+	From	То	Gauge	Stl	Plstc	Wld	Thrd
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						Q		Ц	
						R	$\neg \exists$	Н	H
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(7) PERFORATIONS/SCREENS

Casing/ Liner	Screen Dia	From	То	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 dep	th Duration (hr)

Water Quality Concerns

From	То	Description	Amount	Units

(10) STATIC WATER LEVEL

Water Bearing Zones

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

(11) WELL LOG

Material	From	То
		L

Comments/Remarks

3 yards 22 sack slurry 30 feet - 72 feet 2 1/2 yards 6 sack sand grout 0 feet - 30 feet

4 yards 22 slurry 8 feet - 55 feet

2 yards sand grout 155 feet - 230 feet 2 yards sand grout 215 feet - 255 feet 4 yards sand grout 235 feet - 290 feet

4yards sand grout 250 feet - 430 feet