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

07-08-	2008

WELL LABEL # L	96139
START CARD#	1003710

(1) LAND OWNER Owner Well I.D.	(9) LOCATION OF WELL (legal description)	
First Name JUDY Last Name KNAPP	County Deschutes Twp 14.00 S N/S Range 10.00 E E/W WM	
Company WILLOWS PROPERTIES	Sec 21 NW 1/4 of the SE 1/4 Tax Lot 2101	
Address P O BOX 1270	Tax Map Number Lot Lat 44 20 42.000 or 44.34500000 DMS or DD Long -121 32 23.000 or -121.53972222 DMS or DD	
City SISTERS State OR Zip 97759	Lat 44 20 42.000" or 44.34500000 DMS or DD	
(2) TYPE OF WORK New Well Deepening Conversion	Long _121 °32 '23.000" or _121.53972222 DMS or DD	
Alteration (repair/recondition) Abandonment	Street address of well Nearest address	
(3) DRILL METHOD	70190 INDIAN FORD RD	
Rotary Air Rotary Mud Cable Auger Cable Mud Reverse Rotary Other	(10) STATIC WATER LEVEL Date SWI (psi) + SWI (ft)	
	Date SWL(psi) + SWL(ft) Existing Well / Predeepening 07-01-2008 230	
(4) PROPOSED USE Domestic Irrigation Community	Completed Well 07-02-2008 230	
Industrial/ Commercial Livestock Dewatering	Flowing Artesian? Dry Hole?	
Thermal Injection Other	WATER BEARING ZONES Depth water was first found 618	
(5) BORE HOLE CONSTRUCTION Special Standard Attach copy	SWL Date From To Est Flow SWL(psi) + SWL(ft)	
Depth of Completed Well 792.00 ft.	07-01-2008 629 656 50 230	
BORE HOLE SEAL sacks/ Dia From To Material From To Amt lbs	07-02-2008 667 679 50 230	
14 0 20 Bentonite Chips 0 20 15 S	07-02-2008 720 792 200 230	
12 20 618 Bentome Cmps 0 20 13 3		
8 618 792	(11) WELL LOG Ground Elevation	
How was seal placed: Method A B C D E	Material From To	
Other Poured Dry	Lava Gray Hard 610 629	
Backfill placed from ft. to ft. Material	Lava Red Vesicular 629 656	
Filter pack from ft. to ft. Material Size	Basalt Fractured Layers 656 667 Cinders Basalt 667 670	
Explosives used: Yes Type Amount	D 1/C 1 / D	
	Deset Freetond Learns	
(6) CASING/LINER Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	Basalt Fractured Layers 720 780 Basalt Broken 780 792	
● 10 × 2 618 .250 ● × 1	700 122	
Shoe Inside Outside Other Location of shoe(s)		
Temp casing Yes Dia From To To		
(7) PERFORATIONS/SCREENS		
Perforations Method Machine		
Screens Type Material		
Perf/S Casing/Screen Scrn/slot Slot # of Tele/creen Liner Dia From To width length slots pipe size	Date Started <u>06-09-2008</u> Completed <u>07-02-2008</u>	
Perf Casing 10 558 618 .125 3 1,140	(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	
Pump Bailer Air Flowing Artesian	Electronically Filed	
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	Signed THOMAS R PECK (E-filed)	
450 790 2	(bonded) Water Well Constructor Certification	
I accept responsibility for the construction, deepening, alteration, or abandon		
Tamanahan OF Lab analysis Vos. By	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 know		
Water quality concerns? Yes (describe below) From To Description Amount Units	License Number <u>1720</u> Date <u>07-08-2008</u>	
	Electronically Filed	
	Signed JACK ABBAS (E-filed) Contact Info (optional)	
	commertime (optional)	