

Westorberg Drilling, Inc.
36728 S. Kropf Rd.
Molalla, OR 97038

STATE OF OREGON
 WATER SUPPLY WELL REPORT
 (as required by ORS 537.765)

WELL I.D. # L 91967

START CARD # 192919

Instructions for completing this report are on the last page of this form.

(1) LAND OWNER Well Number _____
 Name M. Fran Kiernan
 Address PO Box 558
 City Molalla State OR Zip 97038

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

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

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

(5) BORE HOLE CONSTRUCTION Special Construction: Yes No
 Depth of Completed Well 382 ft.
 Explosives used: Yes No Type _____ Amount _____

BORE HOLE			SEAL			Sacks or Pounds
Diameter	From	To	Material	From	To	
12"	0	382	Bentonite	0	4	6 sacks
			Cement	6	180	144 sacks

How was seal placed: Method A B C D E
 Other Bentonite placed dry

Backfill placed from _____ ft. to _____ ft. Material _____
 Gravel placed from 180 ft. to 382 ft. Size of gravel 8/12 css

(6) CASING/LINER

Casing:	Diameter	From	To	Gauge	Material			
					Steel	Plastic	Welded	Threaded
8"	+1	225	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8"	238'6"	266'8"	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8"	282'	344'	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Liner:	8"	365'	374'	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
8"	379'	382'	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Drive Shoe used Inside Outside None
 Final location of shoe(s) 12" @ 382' (cut off) no 8"

(7) PERFORATIONS/SCREENS
 Perforations Method _____
 Screens Type V-wire Material stainless

From	To	Slot Size	Number	Diameter	Tele/pipe size	Casing	Liner
225	238'6"	.045		8"	PS	<input type="checkbox"/>	<input type="checkbox"/>
266'8"	282'	.045		8"	PS	<input type="checkbox"/>	<input type="checkbox"/>
344	365'	.045		8"	PS	<input type="checkbox"/>	<input type="checkbox"/>
374	379'	.045		8"	PS	<input type="checkbox"/>	<input type="checkbox"/>

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

Yield gal/min	Drawdown	Drill stem at	Time
500	109'		4 hr.

Temperature of water 56 Depth Artesian Flow Found _____
 Was a water analysis done? Yes By whom _____
 Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
 Depth of strata: _____

(9) LOCATION OF WELL (legal description)
 County Clackamas
 Tax Lot 501 Lot _____
 Township 5 S Range 2 E WM
 Section 6 NW 1/4 NE 1/4

Lat _____ " or _____ (degrees or decimal)
 Long _____ " or _____ (degrees or decimal)

Street Address of Well (or nearest address) 12578 S. Barnards Rd.
Molalla, OR 97038

(10) STATIC WATER LEVEL
65.5' ft. below land surface. Date 10-27-07
 _____ ft. below land surface. Date _____
 Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES
 Depth at which water was first found approx. 25'

From	To	Estimated Flow Rate	SWL
225	379	>500 gpm	65.5'

(12) WELL LOG Ground Elevation _____

Soil	Material	From		To	SWL
		0	1		
Clay brown		1	5		
Clay w/ cobbles		5	13		
Gravel		13	47		
Cemented gravel		47	125		
Tightly cemented gravel w/ packed sand		125	133		
Clay brown		133	135		
Packed sand brown w/ gravel		135	140		
Clay tan		140	145		
Clay tan w/ packed sand grey		145	150		
Cemented gravel grey		150	155		
Cemented gravel w/ brown sand		155	173		
Clay brown		173	175		
Clay blue		175	178		

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Date Started 9-5-07 Completed 11-5-07

(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.

WWC Number _____ Date _____
 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.

WWC Number 688 Date 11-6-07
 Signed Steven M. Stahl



