

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

CLAC 70590
Westerberg Drilling, Inc.
36728 S. Kropf Rd.
Molalla, OR 97038

WELL I.D. # L 112591

START CARD # 210706

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

(1) LAND OWNER Well Number _____
Name Gingerich Farms LLC
Address PO Box 910
City Canby State OR Zip 97013

(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 356 ft.
Explosives used: Yes No Type _____ Amount _____

BORE HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or Pounds
16	0	68	bentonite	0	7	10 sacks
12	68	390	cement	7	68	93 sacks
			cement			
			plug	362	390	13 sacks

How was seal placed: Method A B C D E

Other bentonite placed dry
Backfill placed from 356 ft. to 362 ft. Material 3/4- crushed rock
Gravel placed from 199 ft. to 356 ft. Size of gravel 6/9 CSS

(6) CASING/LINER

Casing:	Diameter	From	To	Gauge	Steel				Plastic				
					Welded	Threaded	Welded	Threaded	Welded	Threaded			
	12	+1	226	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:	8"x10"	bell	reducer @ 198'		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	8"riser	198	218	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	8"tall	351	356	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Drive Shoe used Inside Outside None
Final location of shoe(s) 380' cut off

(7) PERFORATIONS/SCREENS
 Perforations Method v-wire continuous slot
 Screens Type _____ Material S.S.

From	To	Slot Size	Number	Diameter	Tele/pipe size	Casing	Liner
relief 218	226	.060		8	ps	<input type="checkbox"/>	<input checked="" type="checkbox"/>
226	244	.060		8	ps	<input type="checkbox"/>	<input checked="" type="checkbox"/>
256.6	276	.060		8	ps	<input type="checkbox"/>	<input checked="" type="checkbox"/>
284.6	320.6	.060		8	ps	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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

Yield gal/min	Drawdown	Drill stem at	Time
700	74		8 hours

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 800 Lot _____
Township 4 S Range 1 E WM
Section 35 SE 1/4 SE 1/4

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

Street Address of Well (or nearest address) _____
29995 S. Ellsha Rd., Canby 97013

(10) STATIC WATER LEVEL
61 _____ ft. below land surface. Date 6-12-14
_____ ft. below land surface. Date _____
Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES
Depth at which water was first found 20

From	To	Estimated Flow Rate	SWL
226	351	700>	61

(12) WELL LOG Ground Elevation _____

Material	From	To	SWL
soil	0	1	
clay brown	1	4	
silt brown	4	10	
silt grey	10	20	
cemented gravel brown	20	32	
clay brown with gravel	32	40	
cemented gravel large	40	100	
cemented gravel	100	130	
gravel	130	135	
clay & gravel blue	135	145	
gravel	145	150	
clay blue & gravel	150	160	
siltstone dark grey	160	174	
claystone green & grey	174	185	
packed sand	185	187	
cont. page 2			

Date Started 4-28-14 Completed 6-17-14

(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 6-18-14

Signed Steven N. Stahl

JUN 20 2014

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 112591

START CARD # 210706

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

(1) LAND OWNER
Name Gingerich Farms LLC
Address PO Box 910
City Canby State OR Zip 97013

(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 ft.
Explosives used: Yes No Type Amount

Table with columns: BORE HOLE (Diameter, From, To), SEAL (Material, From, To), Sacks or Pounds

How was seal placed: Method A B C D E
Other
Backfill placed from ft. to ft. Material
Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER
Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded

Drive Shoe used Inside Outside None
Final location of shoe(s)

(7) PERFORATIONS/SCREENS
Perforations Method v-wire continuous slot
Screens Type Material S.S.

Table with columns: From, To, Slot Size, Number, Diameter, Tele/pipe size, Casing, Liner

(8) WELL TESTS: Minimum testing time is 1 hour
Pump Bailer Air Flowing Artesian
Yield gal/min Drawdown Drill stem at Time

Temperature of water 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: JUN 20 2014

(9) LOCATION OF WELL (legal description)
County
Tax Lot Lot
Township N or S Range E or W WM
Section 1/4 1/4

Lat degrees or decimal
Long degrees or decimal
Street Address of Well (or nearest address)

(10) STATIC WATER LEVEL
ft. below land surface. Date
ft. below land surface. Date
Artesian pressure lb. per square inch Date

(11) WATER BEARING ZONES
Table with columns: From, To, Estimated Flow Rate, SWL

(12) WELL LOG
Table with columns: Material, From, To, SWL
Cont. from page 1
siltstone green hard 187 194
sand grey med fine 194 202
pckd siltstone & sand w/pea grvl 202 212
siltstone grey & green med 212 226
sand & siltstone 226 243
siltstone green & grey 243 257
sand & siltstone 257 261
siltstone grey & green med 261 266
sand with siltstone 266 275
siltstone hard grey 275 285
sand loosely cemented black 285 319
siltstone green & blue 319 335
sand grey & black 335 350
siltstone dark grey 350 355
silt green 355 390

Date Started 4-28-14 Completed 6-17-14

(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 088 Date 6-18-14
Signed Steven M. Steinhilber