

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

UN10 52630  
 RECEIVED BY OWRD

UN10 52630

MAR 06 2017

WELL LABEL # L 115857

START CARD # 1032799

(1) LAND OWNER Owner Well I.D. SALEM, OR

First Name KELVIN Last Name TORKELSON  
 Company \_\_\_\_\_  
 Address 63716 BOND LANE  
 City LA GRANDE State OR Zip 97850

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

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

(4) PROPOSED USE  Domestic  Irrigation  Community  
 Industrial/ Commercial  Livestock  Dewatering  
 Thermal  Injection  Other

(5) BORE HOLE CONSTRUCTION Special Standard  (Attach copy)  
 Depth of Completed Well 394 ft.

BORE HOLE			SEAL			Amt	lbs
Dia	From	To	Material	From	To		
26	0	495	Bentonite Chips	0	74	15,000	P
			calculated			12400 lbs	

How was seal placed: Method  A  B  C  D  E  
 Other Dry pour bentonite  
 Backfill placed from 74 ft. to 248 ft. Material 3/8" pea gravel  
 Filter pack from 248 ft. to 417 ft. Material Sand Size 8/16  
 Explosives used:  Yes Type \_\_\_\_\_ Amount \_\_\_\_\_

(6) CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	16		2	258	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	16		328	342	.375	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	16		362	379	.375	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	16		389	394	.375	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Shoe  Inside  Outside  Other Location of shoe(s) \_\_\_\_\_  
 Temp casing  Yes Dia \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

(7) PERFORATIONS/SCREENS

Perforations Method \_\_\_\_\_  
 Screens Type Wire Wrap Material Stainless Steel

Perf/ Screen	Casing/ Liner	Screen Dia	From	To	Scrns/slot width	Slot length	# of slots	Tele/ pipe size
Screen	Casing	16	258	328	.03			
Screen	Casing	16	342	362	.03			
Screen	Casing	16	379	389	.03			

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

Pump  Bailer  Air  Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
200		300	1

Temperature 61 °F Lab analysis  Yes  TDS 240  
 Water quality concerns?  Yes (describe below) JAN 18 2017

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)

County UNION Twp 3 S N/S Range 38 E E/W WM  
 Sec 14 SE 1/4 of the NW 1/4 Tax Lot 3400  
 Tax Map Number \_\_\_\_\_ Lot \_\_\_\_\_  
 Lat \_\_\_\_\_ " or 45.3073 DMS or DD  
 Long \_\_\_\_\_ " or -118.0247 DMS or DD  
 Street address of well  Nearest address  
 1/2 Mile Southwest of the intersection of Gekeler Ln and Pierce Rd

(10) STATIC WATER LEVEL

Existing Well / Predeepening	Date	SWL(psi)	+	SWL(ft)
Completed Well	12-15-2016			22

Flowing Artesian?  Dry Hole?

WATER BEARING ZONES Depth water was first found 22

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)
11-07-2016	17	187				22
11-10-2016	202	217				22
11-12-2016	251	314				22
11-14-2016	318	333				22
11-15-2016	343	361				22

(11) WELL LOG

Material	From	To	Ground Elevation
Top soil	0	10	
Brown clay	10	15	
Blue clay	15	17	
Small - large gravel	17	95	
Medium gravel, some large gravel	95	125	
Coarse sand, small-medium gravel	125	180	
Coarse sand, gravel, brown clay streaks	180	187	
Blue clay w/ gravel	187	189	
Brown clay w/ coarse sand, small gravel	189	200	
Blue clay	200	202	
Brown gravel, coarse sand, brown clay streaks	202	204	
Brown coarse sand	204	210	
Medium gravel, blue clay streaks	210	217	
Blue clay w/ gravel	217	239	
Hard brown clay streak, blue clay w/ gravel	239	251	
Blue medium-coarse sand, some pea gravel	251	314	
Blue clay	314	318	
Fine-coarse sand, sm-med gravel, sm bl. clay streaks	318	333	
Blue clay	333	335	

Date Started 11-17-2016 Completed 12-14-2016

(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.  
 License Number \_\_\_\_\_ Date \_\_\_\_\_  
 Password : (if filing electronically) \_\_\_\_\_  
 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.  
 License Number 1505 Date 01-10-2017  
 Password : (if filing electronically) \_\_\_\_\_  
 Signed \_\_\_\_\_  
 Contact Info (optional) \_\_\_\_\_

**(5) BORE HOLE CONSTRUCTION**

BORE HOLE			Material	SEAL		Amt	sacks/ lbs
Dia	From	To		From	To		

**FILTER PACK**

From	To	Material	Size

**(6) CASING/LINER**

Casing Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

**(7) PERFORATIONS/SCREENS**

Perf/ Screen	Casing/ Liner	Screen Dia	From	To	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 depth	Duration (hr)

**Water Quality Concerns**

From	To	Description	Amount	Units

**(10) STATIC WATER LEVEL**

**Water Bearing Zones**

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)
11-16-2016	375	390			<input type="checkbox"/>	22
11-17-2016	425	429			<input type="checkbox"/>	22
11-18-2016	438	443			<input type="checkbox"/>	22
					<input type="checkbox"/>	
					<input type="checkbox"/>	
					<input type="checkbox"/>	
					<input type="checkbox"/>	
					<input type="checkbox"/>	
					<input type="checkbox"/>	
					<input type="checkbox"/>	

**(11) WELL LOG**

Material	From	To
Hard blue clay	335	343
Fine-medium sand, some pea gravel	343	361
Blue clay	361	375
Fine-medium sand	375	390
Blue clay	390	425
Medium sand	425	429
Blue clay	429	438
Medium sand	438	443
Blue clay	443	495

**RECEIVED BY OWRD**  
  
**JAN 18 2017**  
  
**SALEM, OH**

**Comments/Remarks**