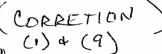
STATE OF OREGON

WATER SUPPLY WELL REPORT

via TER SUPPLY WELL REPORT (as required by ORS 537.765 & OAR 690-205-0210)



WELL LABEL # L 105912

VIII 2	START CARD# 10137/5
(1) LAND OWNER Owner Well I.D.	(9) LOCATION OF WELL (legal description)
First Name TOM Last Name KOHR	County UNION Twp 2 S N/S Range 38 E E/W WM
Company	Sec 10 NESE 1/4 of the SW 1/4 Tax Lot 500
Address 62817 FRUITDALE LN	Tax Map Number I.ot
City LA GRANDE State OR Zip 97850	Lat OMS or DD
(2) TYPE OF WORK X New Well Deepening Conversion	Long OMS or DD
Alteration (repair/recondition) Abandonment	Street address of well Nearest address
(3) DRILL METHOD	64138 HUNTER RD. LA GRANDE, OR
Rotary Air Rotary Mud Cable Auger Cable Mud	(10) OT LINKS WASTER LINKS
Reverse Rotary Other	(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft)
(4) PROPOSED USE Domestic X Irrigation Community	Existing Well / Predeepening
Industrial/ Commercial Livestock Dewatering	Completed Well 10-17-2011 26 X 60.1
Thermal Injection Other	Flowing Artesian? Dry Hole? WATER BEARING ZONES Depth water was first found 34
(5) BORE HOLE CONSTRUCTION Special Standard (Attach copy)	WATER BEARING ZONES Depth water was first found 34 SWL Date From To Est Flow SWL(psi) + SWL(ft)
Depth of Completed Well 1,215 ft.	06-20-2011 34 720 40 34
BORE HOLE SEAL sacks/	08-16-2011 1,005 1,105 20 26
Dia From To Material From To Amt lbs 18 0 34 Coment 0 110 135 S	
15 34 819 Cement 530 819 147 S	
10 819 1,215	(11) WELL LOG Ground Elevation
	Colouid Disvation
How was seal placed: Method A B XC XD E	Material From To
Other Backfill placed from ft. to ft. Material	See Attached Sheet
Filter pack from fl. to fl. Material Size	
Explosives used: Yes Type Amount	
(6) CASING/LINER	
Casing Liner Dia + From To Gauge Stl Plate Wld Thrd	
● ○ 10 X 1 815 .25 ● ○ X □ ○ ● 8 □ 775 815 .25 ● ○ X □	DECEIVED RECEIVED
() (8 1775 815 .25 (C) X	HEPEIAED BEOCIATO
	0.000 - 1/01/10.2011
	FEB 2 9 2012 NOV 1 0 2011
Shoe Inside Outside X Other Location of shoe(s) 1,215	WATER RESOURCES DEPATER RESOURCES DEPT
Temp casing X Yes Dia 16 From 0 To 34	WATER RESOURCES DEBATE THE GOOD SALEM OREGON
(7) PERFORATIONS/SCREENS	SALEM, OREGON SALEM, OREGON
Perforations Method machine cut slots	
Screens Type v wire wrap Material 304 SS	
Perf/S Casing/Screen Scm/slot Slot # of Tele/ creen Liner Dia From To width length slots pipe size	Date Started 06-14-2011 Completed 10-17-2011
Screen Liner Dia From To width length slots pipe size	(unbonded) Water Well Constructor Certification
Perf Liner 8 835 1,015 .125 3 2,880	I certify that the work I performed on the construction, deepening, alteration, or
Screen Liner 8 1,015 1,035 .05 Perf Liner 8 1,035 1,215 .125 3 2,880	abandonment of this well is in compliance with Oregon water supply well
Perf Liner 8 1,035 1,215 .125 3 2,880	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 Date
Pump Bailer • Air Flowing Artesian	Password : (if filing electronically)
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	Signed
250 500 2	(bonded) Water Well Constructor Certification
300 700 2	I accept responsibility for the construction, deepening, alteration, or abandonment
Temperature 66 °F Lab analysis Yes 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
Yes By Yes Gescribe below Yes Gescribe	construction standards. This report is true to the best of my knowledge and belief.
From To Description Amount Units	License Number, 1881 Date 10-24-2011
	Password : (ittening electronically)
	Signed Contact Info (optional)
	Contact file (opional)

UNIO 52334 UNIO 52334

WATER SUPPLY WELL REPORT - continuation page

WELL	LD.	# L	105912	
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(5) BORE HOLE CONSTRUCTION		(10) STATIC	WATER	LEVEL			
BORE HOLE SEAL	sacks/	Water Beari					
Dia From To Material From To A	mt lbs	ľ	ILE LANCE				
		SWL Date	From	То	Est Flow	SWL(psi)	+ swl(ft)
				_			
FILTER PACK							
From To Material Size							
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		-					
		(11) WELL LO	OG				
(6) CASING/LINER						_	
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Casing Liner Dia + From To Gauge Stl Plstc W	id Thrd						
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	ابا						f
(7) PERFORATIONS/SCREENS							
Perf/S Casing/ Screen Scrn/slot Slot # of	Tele/						
creen Liner Dia From To width length slots	pipe size	I					
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(8) WELL TESTS: Minimum testing time is 1 hour							
Yield gal/min Drawdown Drill stem/Pump depth Duration	(hr)	<u> </u>					
Ziele gaziliii Dianaonii Dilii siciul amp depti Duladot	- 1111	Comments/Re	emarks				
,							
		8in to 10in K-P	acker welded	to top of 8 i	nch liner/s	creen - locate	ed at 775'
		1					
		Wash down/Ch	eck valve sho	e welded to	bottom of	8 inch liner/s	creen - located
		at 1215'					
Water Quality Concerns							
From To Description Amount L	'nits	1					
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							9 2012

WATER RESOURCES DEPT SALEM, OREGON

UNIO 52334

Kohr , Tom

6-14-2011 to 10-17-2011

start card 1013775 well tag 105912

well tag	105912			_
	materials	from	to	
	soil	0	3	18 inch hole
	hard pan soil & hard clay	3	7	
	clay + sand + gravel	7	21	16 inch temp casing to 34'
	coarse sand+ fine sand + clay	21	32	15 inch hole
	fine gravel + sand - brown	32	77	
	fine gravel + sand - brown	77	110	34' swl
	fine gravel + sand w/grey clay	110	143	
	fine gravel + coarse sand brown	143	210	
	fine gravel + sand w/grey clay	210	231	
	fine gravel + sand brown	231	266	
	coarse sand + brwn fine sand w/ brwn clay	266	286	
	coarse sand + brwn fine sand	286	353	
dense	coarse sand w/ grey clay + fine sand	353	367	
dense	brown sand w/ grey clay	367	449	
	fine brwn sand w/ grey clay + claystone	449	460	
	brown claystone w/ black basalt	460	466	
	brwn, black, red sand w/ brwn claystone	466	490	
	fine sand w/ grey claystone	490	545	
	coarse sand w/ grey clay	545	570	
	medium sand w/ grey claystone	570	645	
	fine sand w/ grey clay	645	667	
dense	fine sand + grey claystone	667	690	
	brown clay w/ sand	690	720	
dense	fine sand w / grey claystone hard	720	809	
med	coarse sand w/ obsidean chips, red basalt,	809	816	10 inch casing set at 815' - swl 34 f
	black sand stone, grey basalt			
dense	medium sand w/ black, red, yellow basalts	816	843	10 in hole
med	black + grey claystone w/med sand	843	871	
soft	black, red, yellow, med sand w/ clay	871	889	
dense	claystone w/ sand fine + med	889	909	
med	grey + dk green claystone w/ sand	909	954	
dense	med + fine sand w/ claystone	954	965	
dense	claystone w/ sand fine + med brown color	965	1025	wb 1017 4 gpm flow
soft	green claystone w/ fine sand hard	1025	1045	add 15 gpm flow
dense	sand med + fine brown w/ grey claystone	1045	1077	
dense	sand med + fine greenish w/claystone	1077	1105	test - 26 psi 20gpm mud flow
rned	med sands w/ black + orange basait	1105	1129	
dense	black + orange basalts w/ claystone + sands	1129	1141	
soft	as above w/ added white ash	1141	1145	
dense	dk green claystone w/black + orange basalts	1145	1193	
very soft	dk green claystone w/black + orange basalts	1193	1203	
dense	dk green claystone w/black + orange basalts	1203	1205	
dense	dk green claystone w/black + orange basalts	1205	1215	capped - 26 PSI water

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WATER RESOURCES DEPT SALEM, OREGON **RECEIVED**

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WATER RESOURCES DEPT SALEM OREGON

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

WELL LABEL# L	105912
START CARD#	1013775

(1) LAND OWNER Owner Well I.D.	(9) LOCATION OF WELL (legal description)
First Name TOM Last Name KOHR	County UNION Twp 2 S N/S Range 38 E E/W WM
Company	Sec 10 NE 1/4 of the SW 1/4 Tax Lot 500
Address 62817 FRUITDALE LN	Tax Map Number Lot
City LA GRANDE State OR Zip 97850	D (G DD
(2) TYPE OF WORK New Well Deepening Conversion	
Alteration (repair/recondition) Abandonment	Street address of well Nearest address
(3) DRILL METHOD	64138 HUNTER RD. LA GRANDE, OR
Rotary Air Rotary Mud Cable Auger Cable Mud	(10) STATIC WATER LEVEL
Reverse Rotary Other	Date SWL(psi) + SWL(ft)
(4) PROPOSED USE Domestic X Irrigation Community	Existing Well / Predeepening
	Completed Well 10-17-2011 26 🔀 60.1
Industrial/Commercial Livestock Dewatering	Flowing Artesian? Dry Hole?
Thermal Injection Other	WATER BEARING ZONES Depth water was first found 34
(5) BORE HOLE CONSTRUCTION Special Standard (Attach copy)	SWL Date From To Est Flow SWL(psi) + SWL(ft)
Depth of Completed Well 1,215 ft.	06-20-2011 34 720 40 34
BORE HOLE SEAL sacks/	08-16-2011 1,005 1,105 20 26
Dia From To Material From To Amt Ibs	
18 0 34 Cement 0 110 135 S	
15 34 819 Cement 530 819 147 S	
10 819 1,215	(11) WELL LOG Ground Elevation
How was seal placed: Method A B XC XD E	Glouid Elevation
	Material From To
Other	See Attached Sheet
Backfill placed from ft. to ft. Material	See Authorited Street
Filter pack from ft. to ft. Material Size	
Explosives used: Amount	
(6) CASING/LINER	
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	
(•) 10 X 1 815 .25 (•) X	
● 10 ★ 1 815 .25 ● ★ □ 775 815 .25 ● ★ □	RECEIVED
	NOV 1 0 2011
Shoe Inside Outside X Other Location of shoe(s) 1,215	WATER RESOURCES DEPT
Temp casing X Yes Dia 16 From 0 To 34	
	SALEM, OREGON
(7) PERFORATIONS/SCREENS Perforations (1) A lampaching out alots	
Perforations Method machine cut slots	
Screens Type vwire wrap Material 304 SS	
Perf/S Casing/ Screen Scrn/slot Slot # of Tele/	Date Started 06-14-2011 Completed 10-17-2011
creen Liner Dia From To width length slots pipe size	
Screen Liner 8 815 835 .05 Perf Liner 8 835 1,015 .125 3 2,880	(unbonded) Water Well Constructor Certification
Perf Liner 8 835 1,015 .125 3 2,880 Screen Liner 8 1,015 1,035 .05 .05	I certify that the work I performed on the construction, deepening, alteration, or
Perf Liner 8 1,035 1,215 125 3 2,880	abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to
101 1101 0 1,000 1,110 1120 0 2,000	the best of my knowledge and belief.
(8) WELL TESTS: Minimum testing time is 1 hour	License Number Date
Pump Bailer • Air Flowing Artesian	Password : (if filing electronically) Signed
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	
250 500 2 300 700 2	(bonded) Water Well Constructor Certification
500 /00 Z	I accept responsibility for the construction, deepening, alteration, or abandonment
	work performed on this well during the construction dates reported above. All work
Temperature 66 °F Lab analysis Yes By	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.
Water quality concerns? Yes (describe below)	•
From To Description Amount Units	License Number 1881 Date 10-24-2011
	Password : (iffeding electronically)
	Signed Java Johnson
	Contact Info (optional)

WATER SUPPLY WELL REPORT -

continuation page

WELL I.D. # L <u>1</u>	05912
START CARD#	1012775

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			-									10' 77	D. L				1	. 775'	٦
			-							-	Sin t	o IUm K	-Packer weld	led to top of 8	inch liner/s	screen - loca	ted a	1 //5'	
-										-			~ · ·				,		
										-			neck valve	shoe welded	o bottom of	8 inch liner	scre	en - locate	a [
											at 12	215'							
W	ater (Quali	ty Con	cerns															
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Kohr , Tom				6-14-2011 to 10-17-2011
start card	1013775			
well tag	105912			_
	materials	from	to	
	soil	0	3	18 inch hole
	hard pan soil & hard clay	3	7	
	clay + sand + gravel	7	21	16 inch temp casing to 34'
	coarse sand+ fine sand + clay	21	32	15 inch hole
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	fine gravel + sand - brown	77	110	34' swl
	fine gravel + sand w/grey clay	110	143	
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	fine gravel + sand w/grey clay	210	231	
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	black sand stone, grey basalt			
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med	grey + dk green claystone w/ sand	909	954	
dense	med + fine sand w/ claystone	954	965	
dense	claystone w/ sand fine + med brown color	965	1025	wb 1017 4 gpm flow
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dense	sand med + fine brown w/ grey claystone	1045	1077	
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dense	dk green claystone w/black + orange basalts	1145	1193	
very soft	dk green claystone w/black + orange basalts	1193	1203	
dense	dk green claystone w/black + orange basalts	1203	1205	
dense	dk green claystone w/black + orange basalts	1205	1215	capped - 26 PSI water

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WATER RESOURCES DEPT SALEM OREGON