

(CORRECTION) (1) & (9)

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 ID. Well 2 First Name TOM Last Name KOHR Company Address 62817 FRUITDALE LN City LA GRANDE State OR Zip 97850

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

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

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

(5) BORE HOLE CONSTRUCTION Special Standard [] (Attach copy) Depth of Completed Well 1,215 ft. BORE HOLE table with Dia, From, To, Material, SEAL, Amt, lbs

How was seal placed: Method [] A [] B [X] C [X] D [] E [] Other

Backfill placed from ft. to ft. Material Filter pack from ft. to ft. Material Size Explosives used: [] Yes Type Amount

(6) CASING/LINER Casing Liner Dia + From To Gauge Stl Plstc Wld Thrld Shoe [] Inside [] Outside [X] Other Location of shoe(s) 1,215 Temp casing [X] Yes Dia 16 From 0 To 34

(7) PERFORATIONS/SCREENS Perforations Method machine cut slots Screens Type v wire wrap Material 304 SS

Table with columns: Perf/S, Casing/Screen, Dia, From, To, Scrn/slot width, Slot length, # of slots, Tele/pipe size. Contains 4 rows of data.

(8) WELL TESTS: Minimum testing time is 1 hour [] Pump [] Bailer [X] Air [] Flowing Artesian Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)

Temperature 66 °F Lab analysis [] Yes By Water quality concerns? [] Yes (describe below) From To Description Amount Units

(9) LOCATION OF WELL (legal description) County UNION Twp 2 S N/S Range 38 E E/W WM Sec 10 NESE 1/4 of the SW 1/4 Tax Lot of 500 Tax Map Number Lot Lat Long DMS or DD Street address of well Nearest address 64138 HUNTER RD. LA GRANDE, OR

(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft) Existing Well / Predeepening Completed Well 10-17-2011 26 [X] 60.1 Flowing Artesian? [X] Dry Hole? []

WATER BEARING ZONES Depth water was first found 34 Table with columns: SWL Date, From, To, Est Flow, SWL(psi), + SWL(ft). Contains 2 rows of data.

(11) WELL LOG Ground Elevation Material From To RECEIVED RECEIVED FEB 29 2012 NOV 10 2011 WATER RESOURCES DEPT SALEM, OREGON WATER RESOURCES DEPT SALEM, OREGON

Date Started 06-14-2011 Completed 10-17-2011

(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...

(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...

UNIO 52334

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WATER SUPPLY WELL REPORT - continuation page

WELL I.D. # L 105912

START CARD # 1013775

(5) BORE HOLE CONSTRUCTION

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

FILTER PACK			
From	To	Material	Size

(6) CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	SU	Plstc	Wld	Thrd

(7) PERFORATIONS/SCREENS

Perf/S creen	Casing/ Liner	Screen Dia	From	To	Sera/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) WELL LOG

Material	From	To

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Comments/Remarks

8in to 10in K-Packer welded to top of 8 inch liner/screen - located at 775'
Wash down/Check valve shoe welded to bottom of 8 inch liner/screen - located at 1215'

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UNIO 52334
UNIO 52334

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
	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/ obsidian chips, red basalt,	809	816	10 inch casing set at 815' - swl 34 ft
	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
med	med sands w/ black + orange basalt	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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SALEM, OREGON

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NOV 10 2011

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. _____

First Name TOM Last Name KOHR Company _____ Address 62817 FRUITDALE LN City LA GRANDE State OR Zip 97850

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

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

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

(5) BORE HOLE CONSTRUCTION Special Standard [] (Attach copy) Depth of Completed Well 1,215 ft.

Table with columns: Dia, From, To, Material, SEAL From, To, Amt, sacks/lbs. Rows include Cement at 0-110 and 530-819.

How was seal placed: Method [] A [] B [X] C [X] D [] E

Backfill placed from _____ ft. to _____ ft. Material _____

Filter pack from _____ ft. to _____ ft. Material _____ Size _____

Explosives used: [] Yes Type _____ Amount _____

(6) CASING/LINER

Table with columns: Casing, Liner, Dia, From, To, Gauge, Stl, Plstc, Wld, Thrd. Includes rows for 10" and 8" diameters.

Shoe [] Inside [] Outside [X] Other Location of shoe(s) 1,215

Temp casing [X] Yes Dia 16 From 0 To 34

(7) PERFORATIONS/SCREENS

Perforations Method machine cut slots

Screens Type v wire wrap Material 304 SS

Table with columns: Perf/S, Casing/Liner, Screen, Dia, From, To, Scrn/slot width, Slot length, # of slots, Tele/pipe size. Includes rows for 8" diameter screens.

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

Table with columns: Pump/Bailer/Air/Flowing Artesian, Yield gal/min, Drawdown, Drill stem/Pump depth, Duration (hr). Includes test results for 250 and 300 gpm.

Temperature 66 °F Lab analysis [] Yes By _____

Water quality concerns? [] Yes (describe below)

Table with columns: From, To, Description, Amount, Units. For water quality concerns.

(9) LOCATION OF WELL (legal description)

County UNION Twp 2 S N/S Range 38 E E/W WM Sec 10 NE 1/4 of the SW 1/4 Tax Lot 500

64138 HUNTER RD. LA GRANDE, OR

(10) STATIC WATER LEVEL

Table with columns: Existing Well / Predeepening, Date, SWL(psi), SWL(ft). Includes entry for 10-17-2011 with SWL of 60.1.

WATER BEARING ZONES Depth water was first found 34

Table with columns: SWL Date, From, To, Est Flow, SWL(psi), SWL(ft). Includes rows for 06-20-2011 and 08-16-2011.

(11) WELL LOG

Ground Elevation _____

Table with columns: Material, From, To. Includes a large 'RECEIVED' stamp dated NOV 10 2011 from WATER RESOURCES DEPT SALEM, OREGON.

Date Started 06-14-2011 Completed 10-17-2011

(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.

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.

License Number 1881 Date 10-24-2011 Password: (if filing electronically) _____ Signed Larry J. Zolman Contact Info (optional) _____

UNIO 52334

Kohr , Tom

6-14-2011 to 10-17-2011

start card 1013775

well tag 105912

	materials	from	to	
	soil	0	3	18 inch hole
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