

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

UNIO-51835  
DEPARTMENT GENERATED OFF OF ROUGH WELL LOG

By ROBERT MAYNARD 12-7-06 WELL I.D.# L 82655

START CARD# 159560

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

(1) LAND OWNER Well Number \_\_\_\_\_  
Name PAUL RUOO  
Address 64053 BEKELER LANE  
City LAGRANDE State OR Zip 97850

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

(3) DRILL METHOD  
 Rotary Air  Rotary Mud  Cable  Auger  Cable Mud  
 Other REVERSE ROTARY

(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 \_\_\_\_\_

BORE HOLE			SEAL			Sacks or Pounds
Diameter	From	To	Material	From	To	
36	0	110	BENT.	0	10	UNKNOWN 37,715 LBS
24	110	1100	CEMENT	10	110	

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

(6) CASING/LINER

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 24 + 1		110		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

(7) PERFORATIONS/SCREENS  
 Perforations Method \_\_\_\_\_  
 Screens Type \_\_\_\_\_ Material \_\_\_\_\_

From	To	Slot Size	Number	Diameter	Tele/pipe size	Casing	Liner
						<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) 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?  
 Salty  Muddy  Odor  Colored  Other \_\_\_\_\_  
Depth of strata: \_\_\_\_\_

(9) LOCATION OF WELL (legal description)  
County UNION  
Tax Lot \_\_\_\_\_ Lot \_\_\_\_\_  
Township 25 N or S Range 39 E E or W WM  
Section 30 SW 1/4 NW 1/4

Lat \_\_\_\_\_ ° \_\_\_\_\_ ' \_\_\_\_\_ " or \_\_\_\_\_ (degrees or decimal)  
Long \_\_\_\_\_ ° \_\_\_\_\_ ' \_\_\_\_\_ " or \_\_\_\_\_ (degrees or decimal)

Street Address of Well (or nearest address) BOOTH LANE

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

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

From	To	Estimated Flow Rate	SWL
15	1100		15

(12) WELL LOG Ground Elevation \_\_\_\_\_

Material	From	To	SWL
SOIL	0	5	
SAND + FINE GRAVEL	5	100	15
GRAY CLAY	100	217	}
COURSE SAND + GRAVEL	217	230	
ALL CLAYS WITH SAND AND SAND STRAKS	230	-	}
	-	1100	

DRILLER DECEASED ON 10-17-05  
WELL TEMPORARILY ABANDONED  
RIG MOVED OFF OF WELL  
RIVERSIDE WILL COMPLETE WELL  
UNDER STATE CONTRACT # 172224

Date Started 8-25-05 Completed 10-17-05

(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 1399 Date \_\_\_\_\_

Signed WALD LOWE

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300 ft sand

0		
5	Topsoil	
25	sand.	
95-100	fine gravel - sand	
100-114	Brown clay	
114-125	gray clay	
126-127	gray clay	ash?
128-137	" "	
138-139	" "	
140-148	" "	
148 1/2 - 150	" "	
150-170	" " with fine sand	
171-195	" "	
195-217	clay with fine sand silt	
218-230 <sup>2</sup>	course sand with clean gravel	12
231-243	clay	
244-260	clay with fine sand	16
261-267	clay	
270-272	sand.	5
273-290	clay / sand	17 ?
291-305	clay. Blue.	
306-313	clay Blue / sand.	
313-325	Blue Clay sticky.	
325-332	Blue Clay - sand.	3 ?
333-345	Blue Clay - <del>blue</del> sand.	2
345-350	" Clay with sand	5
350-365	" clay	
<del>365-377</del>	<del>sand / gravel</del> Tan clay crumbly	
<del>365-377</del>		

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SALEM, OREGON

375/383	clay with some gravel. / sand.	6	?
383/389	yellow clay		
389/390	yellow clay / sand	1	
391/440	stickier yellow clay		
440-452	yellow clay - rocks?		
152-460	Gray clay <del>is</del> coarse sand / rock?	8	?
461-467	Gray clay sand rock	6	
465-467	Rock - same.	2	
468-480	Yellow clay		
480-484	Sand - see gravel.	4	
485-493	Tan clay		
494-498	clay Sand 9m gravel.	4	
498-501	Tan clay		
501-507	Brown Sand	6	
508-516	Tan clay		
517-520	Sand (like granite)	3	
520-527	Gray clay with sand	7	
527-542	Sand Brown - granite like. <del>same</del>	27	good
542-545	gray clay - sand	3	
545-547	Sand	2	
547-550	Brown clay	8	
551-559	Sand white.		
560-566	Brown clay hard		
567-574	Clay Brown		
575-580	Clay Tan w/ fine sand?		
575-580	Clay Tan w/ <del>1 1/2 inch River Rock?</del> Fine sand		
580-586	clay Tan w/ 1 1/2 inch River Rock		

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WATER RESOURCES DEPT  
SALEM, OREGON

587-599	Brown clay	
599-601	sand granite like	2
602-605	Brown clay/sand	3
605-610	clay sand	5
610-612	Sand w gray clay	2
612-612 1/2	Brown clay/sand	
612-615	Sand clay sm gravel.	3
616-626	Brown clay	
620-628	Brown clay/sand	8
629-632	Brown clay	
633-637	Br clay - sand	4
637-638	Br clay	
638-647	Gr clay - sand	9
648-649 1/2	Sm gravel some brown clay	2
650-652	Br clay	
652-654	Grey clay	
654-655	grey clay/sand	1
655-658	small gravel	3
658-660	grey clay sm gravel/sand	2
660-661	small gravel	1
661-663	Gr clay fine sand	2
663-664	Gr clay sand	1
664-665	Gr clay	
665-666	Gr clay sand sm gravel	1
666-670	Sand small gravel	4
670-73	Gray clay small gravel	3
675-681	" "	
673-675	Brown clay	
681-82	Small gravel clay	1

21/11/06

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682-685	clay Tan	
685-87	"	
687-688	"	
688-89	" small gravel	1
689-695	Sand - small gravel	
695-710	Brown clay	
690-713	clay sand	3
713-717	Sand sm gravel	4
717-722	gr clay - sand	5
722-724	Sand - sm gravel	2
724-725	Clay - sand	1
725-727	Br clay	
727-729	Br clay sand	2
729-733	Sand sm gravel 0.5" gravel	4
733-734	Brown clay - sand/gravel 1"	1
734-751	Clay - Brown grey	
751-762	Sand Small gravel (good)	11
762-780	" " "	18
780-783	Sand - sm gravel like granite.	3
783-84	Clay green	
84-790	green clay / sand	
791-793	Small gravel some clay	2
794-795	Small to 1/2" gravel	1
795-798	Clay some sand	3
798-801	small gravel, sand some clay	3
802-811	Br clay	
812-813	Sm gravel some Br Clay	1
814-820	Sand - gravel small some Br clay	6
820-845	Brown clay - some sand	

) screen

846-848	Sand - gravel small	some clay gray	2
848-853	Sm gravel < 1/2"		5
853-855	Sand - clay green	855-856 2 peb gravel	
855-873	Green clay		
873-876	Green clay	some sand	
877-887	Gr clay		
888-889	Gr clay - sand		
890-901	Gr clay - sand		
901-906	<del>Sand clay</del> Sand gravel 1/2"		5
907-915	" " shale		8
915-918	Gr shale? Hard		
918-921	Gr clay		
921-924	Br clay	50% sand	
925-932	Gr clay		
933-935	Gr clay - sand		
935-945	Gr clay		
946-950	Gr clay - sand		
950-962	Gr clay	some sand at 954-955	2
963-964	Sand		1
965-975	Gr clay		
975-983	Gr clay	some sand	
983-995	Gr clay		
995-997	Sand Gr clay		
997-1005	Gr clay		5
1005-1010	Sand clay		
1010-1036	Gr clay		
1036-1039	Tau clay		
1039-1045	Green clay		
1045-1048	Brown clay		

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- 1060-1065 clay - ~~course sand "1/4" gravel~~ (1065)
- 1065-1088 Green clay  $\leftarrow 3' " \text{ gravel sand} \rightarrow$
- 1089-1090 tan clay.
- 1090-1095 Green clay.
- 1096-1104 Gr. clay
- 1104<sup>b</sup>-1106 Br. clay
- 1106-1120 coal - peat
- 1121-1135 Br. clay soft
- 1135-1145 Blue clay
- 1145-1148 Brown - black clay
- 1148-1155 Blue-green clay
- 1155-1165 Brown clay - black.

set of  
18.5.06

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WATER RESOURCES DEPT  
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0-280	16" pipe solid		
280-290	16" screen	10'	
290-300	16" solid / Reducer to 10"		
300-360	10" solid		
360-370	10" screen	10'	
370-390	10" perf pipe		20
390-450	10" solid		
450-490	10" perf		40'
490-500'	10" screen	10'	
500-520	10" perf		20
520-550	10" screen	30'	
550-570	10" perf		20
570-590	10" solid		
590-670	10" perf		20
670-680	10" screen	10'	
680-720	10" solid		
720-740	10" perf		
740-760	10" solid		
760-780	10" screen	20'	
780-840	10" perf		60'
840-860	10" screen	20'	
860-880	10" solid		
880-920	10" perf		40'
920-940	10" solid		
940-960	10" perf		20'
960-980	10" solid		
980-1000	10" perf		20'
1000-1020	10" - solid		
1020-1040	10" perf		20'



1040 - 1060 10" solid  
1060 - 1080 10" perf.  
1080 - 1100 10" solid

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WATER RESOURCES DEPT  
SALEM, OREGON

452 - 460

**UNIO 51835**

Sand 500 gravel

477 - 490

clay sand 500 gravel

500'

517 - 520

Wht sand

521 - 525

clay sand

clay 500 sand

600'

600'

700'

750 - 780

Sand 500 gravel

800'

812 - 820

sm gravel - sand

826 - 830

Sand 500 gravel

845 - 852

Small gravel & 1/2"

853 - 856

1/2" gravel

901 - 906

Sand - gravel 1/2"

907 - 915

Sand 500 gravel

1000'

1005 - 1010

clay - sand

clay

1060 - 1065

clay coarse sand 1/2" gravel

1070 - 1080

< 1/4" gravel sand - clay

1100'

Screen 524-542 20ft

Screen 15 115

Screen 10ft

Screen 15ft

845-855 10ft

905-915 10ft

1005-1015 10ft

prof 20ft

Solid 7ft

20-18ft

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WATER RESOURCES DEPT  
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UNIO 51835

200' 24" casing 0.375

200'

300' 16" liner 0.250

300'

195-217

clay with fine sand

218-220

coarse sand clay gravel

231-243

clay

244-260

clay - fine sand

271-273

sand

300'

800' 10" liner + screen 0.250

377-383

clay gravel sand

400'

452-453

458-484

sand gravel

487-504

clay sand gravel

500'

517-520

with some

521-522

to sand

clay gravel

600'

600'

750-780

sand gravel

800'

812-820

sm gravel - sand

10' 20'

20' 5'

screen 512-542 20'

screen 545-575 30'

screen 600-630 30'

screen 630-660 30'

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WATER RESOURCES DIV  
SALEM, OREGON

UNIO 51835

OCT 2005

1/4" Steel Casing

WELL SEAL FOR  
PAUL RUDD

SURFACE

10' Bentonite 3/4 hole plug

Depth  
110'

36"

24"

37,715 lbs of Cement  
delivered by ROGERS ASPHALT

plate around bottom of casing  
to sit on ledge.

Att. Bob M.

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