

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

RECEIVED

FEB 14 1994

(START CARD) #

WATER RESOURCES DEPT.

(1) OWNER: Richard Menach Well Number _____
Name Richard Menach
Address Christmas Valley
City Christmas Valley State OR Zip 97641

(2) TYPE OF WORK:
☒ New Well ☐ Deepen ☐ Recondition ☐ Abandon

(3) DRILL METHOD:
☒ Rotary Air ☐ Rotary Mud ☐ Cable
☐ Other

(4) PROPOSED USE:
☐ Domestic ☐ Community ☐ Industrial ☒ Irrigation
☐ Thermal ☐ Injection ☐ Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval ☐ Yes ☒ No Depth of Completed Well 100 ft.
Explosives used ☐ Yes ☒ No Type _____ Amount _____

HOLE SEAL Amount
Diameter From To Material From To sacks or pounds
18 1/4 0 14 1/2 Cement 0 53 1/2 20 Sacks
9 1/4 53 1/2 100

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:
Diameter From To Gauge Steel Plastic Welded Threaded
Casing: 14 1/2 14 53 1/2 150 ☒ ☐ ☒ ☐
Liner: ☐ ☐ ☐ ☐ ☐ ☐

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:
☐ Perforations Method _____ Material _____
☐ Screens Type _____ Material _____
From To Slot size Number Diameter Tailpipe size Casing Liner

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

Yield gal/min 1300 Drawdown 100 Drill stem at 1 hr
Time 1 hr

Temperature of Water 50 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 by legal description:

County LAKE Latitude _____ Longitude _____
Township 26S N or S. Range 17E E or W. WM. _____
Section 5 SW 1/4 NW 1/4
Tax Lot 600 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) County RD
RB 514 E

(10) STATIC WATER LEVEL:
20 ft. below land surface. Date 1-11-94
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found 16 10

From	To	Estimated Flow Rate	SWL
<u>16'</u>	<u>18'</u>	<u>35 gal/min</u>	<u>13</u>

(12) WELL LOG: Ground elevation _____

Material	From	To	SWL
<u>BROWN CLAY</u>	<u>0</u>	<u>8</u>	
<u>BROWN CLAY/SAND</u>	<u>8</u>	<u>16</u>	<u>13</u>
<u>BROWN CLAY</u>	<u>16</u>	<u>36</u>	
<u>BLUE STONE</u>	<u>36</u>	<u>45</u>	
<u>BLACK STONE</u>	<u>45</u>	<u>108</u>	
<u>BLACK & BROWN LAVA</u>	<u>108</u>	<u>100</u>	<u>100</u>
<u>ROCK BROKEN</u>			<u>30</u>

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MAR 28 1994

WATER RESOURCES DEPT.
SALEM, OREGON

RECEIVED BY CWRD

AUG 02 2013

SALEM, OR

Date started 1-6-94 Completed 1-11-94

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.

Signed _____ WWC Number _____
Date _____

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, 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 well construction standards. This report is true to the best of my knowledge and belief.

Signed Melvin Search WWC Number 567
Date 1-20-94

ORIGINAL & FIRST COPY - WATER RESOURCES DEPARTMENT SECOND COPY - CONSTRUCTOR THIRD COPY - CUSTOMER 9809C 10/91

LAKE 52143

STATE OF OREGON WATER SUPPLY WELL REPORT

(as required by ORS 537.765 & OAR 690-205-0210)

WELL LABEL # L 98329

START CARD # 199583

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

(1) LAND OWNER

Owner Well I.D. _____
First Name Richard Last Name Jensen
Company _____
Address PO Box 629
City Christiansburg State OR Zip 97641

(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 ☐ Injection
☐ Thermal ☐ Other _____

(5) BORE HOLE CONSTRUCTION Special Standard: ☐ Yes (attach copy)

Depth of Completed Well 194 ft.

BORE HOLE				SEAL			
Dia	From	To	Material	From	To	Amount	Scks/lbs
14"	0	57'	Cement	0	59'	105	scks
12"	59'	184'					

How was seal placed: Method ☐ A ☐ B ☒ C ☐ 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	Steel	Plastic	Welded	Thrd
X	16"	+1	59'	184'	.250	X		X	

Shoe ☐ Inside ☐ Outside ☐ Other Location of shoe(s) _____

Temporary casing ☐ Yes Diameter _____ From _____ To _____

(7) PERFORATIONS/SCREENS

Perforations Method _____

Screens Type _____ Material _____

Perf	Scrn	Casing/Liner	Screen Dia	From	To	Screen/slot width	Slot length	# of slots	Tele/pipe size

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

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
1500		184	1 hr

Temperature 53 °F Lab analysis ☐ Yes By _____

Water quality concerns? ☐ Yes (describe below) _____

From	To	Description	Amount	Units

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APR 16 2009

(9) LOCATION OF WELL (legal description)

County LAKE Twp 26 N or S Range 19 E or W W.M.
Sec 5 SE 1/4 of the 36 1/4 Tax Lot 700

Tax Map Number _____ Lot _____
Lat _____ " or _____ DMS or DD
Long _____ " or _____ DMS or DD

Street Address of Well (or nearest address) NO address
ASSIGN

(10) STATIC WATER LEVEL

	Date	SWL (psi)	+	SWL (ft)
Existing Well/Predeepening	12-19-08			25
Completed Well				

Flowing Artesian? ☐ Yes Dry Hole? ☐ Yes
WATER BEARING ZONES Depth water was first found 85'

SWL Date	From	To	Est Flow	SWL (psi)	+	SWL (ft)
12-19-08	85	100	50 gpm			25
	175	195	150 gpm			

(11) WELL LOG

Material	From	To
Top Soil	0	2
Sand Clay Blown	2	8
Sand Brown	8	16
Brown Clay	16	30
Clay Gravel with sand	30	45
Clay Gravel	45	70
Clay Blown with gravel	70	100
Gravel Clay	100	125
Brown clay	125	163
Black lignite	163	175
Brown lignite	175	184

AUG 02 2013

Date Started NOV 22 2008 Completed 12-19-08

(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 _____

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 163-1 Date 4-15-09

Signed Yh...

Contact info. (optional) _____

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

LAKE 52143

LAKE 52143

WELL LABEL # L 98329

START CARD # 199583

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

(1) LAND OWNER

Owner Well I.D. _____
First Name Rickard Last Name Latinsich
Company _____
Address PO Box 628
City Chilmark State OR Zip 97641

(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 ☐ Injection
☐ Thermal ☐ Other _____

(5) BORE HOLE CONSTRUCTION Special Standard: ☐ Yes (attach copy)

Depth of Completed Well 194 ft.

BORE HOLE				SEAL			
Dia	From	To	Material	From	To	Amount	Scks/lbs
10"	0	57'	Cement	0	39	105	scks
16"	59'	194'					

How was seal placed: Method ☐ A ☐ B ☒ C ☐ 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	Linr	Dia	+	From	To	Gauge	Steel	Plastic	Welded	Thrd
X		16"	+	1	59'	.250	X		X	

Shoe ☐ Inside ☐ Outside ☐ Other Location of shoe(s) _____

Temporary casing ☐ Yes Diameter _____ From _____ To _____

(7) PERFORATIONS/SCREENS

Perforations Method _____
Screens Type _____ Material _____

Perf	Scrn	Casing	Linr	Screen Dia	From	To	Screen/slot width	Slot length	# of slots	Tele/pipe size

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

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min 1500 Drawdown 184 Drift stem/Pump depth 184 Duration (hr) 1 hr

Temperature 53 °F Lab analysis ☐ Yes By _____

Water quality concerns? ☐ Yes (describe below) _____

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)

County LAKE Twp 26 Nor S Range 19 E or W W.M.
Sec 5 SE 1/4 of the 36 1/4 Tax Lot 700
Tax Map Number _____ Lot _____

Lat _____ " or _____ DMS or DD
Long _____ " or _____ DMS or DD

Street Address of Well (or nearest address) NO address

92066 5-14 E C.V

(10) STATIC WATER LEVEL

	Date	SWL (psi)	+	SWL (ft)
Existing Well/Predeepening	<u>12-19-08</u>			<u>25</u>
Completed Well				

Flowing Artesian? ☐ Yes Dry Hole? ☐ Yes

WATER BEARING ZONES

Depth water was first found 85

SWL Date	From	To	Est Flow	SWL (psi)	+	SWL (ft)
<u>11-14-06</u>	<u>95</u>	<u>100</u>	<u>50 gpm</u>			<u>25</u>
<u>12-12-08</u>	<u>175</u>	<u>185</u>	<u>1500+</u>			<u>25</u>

(11) WELL LOG

Ground Elevation _____

Material	From	To
TOP SOIL	0	2
Sand clay Brown	2	8
Sand Brown	8	16
Brown clay	16	30
Clay gravel with sand	30	45
Clay Gravel	45	70
Clay Brn w/ m. gravel	70	100
Gray clay	100	125
Brown clay	125	165
Black Lign. Loam RECEPTIVE	165	175
Brother Lign. Loam	175	184

AUG 06 2010

SALEM, OR

Date Started NOV 27-08 Completed 12-19-08

(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 AUG 06 2010

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 163-1 Date 4-15-09

Signed _____

Contact Info. (optional) _____

LAKE 52143

LAKE 52143

STATE OF OREGON

WATER SUPPLY WELL REPORT

(as required by ORS 537.765 & OAR 690-205-0210)

WELL LABEL # L 98329

START CARD # 199583

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

(1) LAND OWNER

Owner Well I.D.

First Name Richard Last Name Janssen
 Company PO Box 629
 Address Christmas Hill State OR Zip 97141

(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 ☐ Injection
☐ Thermal ☐ Other

(5) BORE HOLE CONSTRUCTION

Special Standard: ☐ Yes (attach copy)Depth of Completed Well 194 ft.

BORE HOLE				SEAL			
Dia	From	To	Material	From	To	Amount	Scks/lbs
14"	0	57'	Cement	0	59'	105	scks
16"	59'	184'					

How was seal placed: Method ☐ A ☐ B ☒ C ☐ 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	Steel	Plastic	Welded	Thrd
X	16"	+	1	59'	.250	X		X	

Shoe ☐ Inside ☐ Outside ☐ Other Location of shoe(s) _____Temporary casing ☐ Yes Diameter _____ From _____ To _____

(7) PERFORATIONS/SCREENS

Perforations Method _____

Screens Type _____ Material _____

Perf	Scrn	Casing/Liner	Screen Dia	From	To	Screen/slot width	Slot length	# of slots	Tele/pipe size

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

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
1500 gpm		194	1 hr

Temperature 53 °F Lab analysis ☐ Yes By _____Water quality concerns? ☐ Yes (describe below)

From	To	Description	Amount	Units

(9) LOCATION OF WELL (Legal description)

County Lake Twp 26 N or S Range 19 E or W W.M.Sec 5 SE 1/4 of the 36 1/4 Tax Lot 700

Tax Map Number _____ Lot _____

Lat _____ " or _____ DMS or DD

Long _____ " or _____ DMS or DD

Street Address of Well (or nearest address) 92066 East Forest LnCity OR 97141

(10) STATIC WATER LEVEL

	Date	SWL (psi)	+	SWL (ft)
Existing Well/Predeepening	12-19-08			25'
Completed Well				

Flowing Artesian? ☐ Yes Dry Hole? ☐ Yes

WATER BEARING ZONES

Depth water was first found 85

SWL Date	From	To	Est Flow	SWL (psi)	+	SWL (ft)
12-14-08	55	100	50 gpm			25'
12-19-08	175	185	1300+			25'

(11) WELL LOG

Ground Elevation _____

Material	From	To
Top Soil	0	2'
Sandy clay Brown	2	8'
Sandy Brown	8	16'
Brown clay	16	30'
Clay gravel with sand	30	45'
Clay gravel	45	70'
Clay gravel with sand	70	100'
Gravel	100	125'
Brown clay	125	165'
Black laminar rock	165	185'
Broken laminar rock	185	194'

SALEM, OH

Date Started Nov 27-08 Completed 12-19-08

(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

AUG 17, 2010

Signed _____

WATER RESOURCES DEPT
SALEM, OREGON

(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 16341

Date

4-15-09

Signed _____

Contact Info. (optional)

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APR 16 2009

ORIGINAL - WATER RESOURCES DEPARTMENT
 THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK

10/16/2006

EX-44054-118

The original and first copy
of this report are to be
filed with the

STATE ENGINEER, SALEM, OREGON 97310
within 30 days from the date
of well completion.

WATER WELL REPORT

STATE OF OREGON JUL 2 1975

State Well No.

265/19E-5

(Please type or print)

WATER RESOURCES DEPT.

Permit No.

SALEM, OREGON

(1) OWNER:

Name Lyle Damewood

Address Fort Rock, Oregon 97735

(2) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary ☒ Driven ☐
Cable ☐ Jetted ☐
Dug ☐ Bored ☐

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

CASING INSTALLED:

Threaded ☐ Welded ☒

12" Diam. from + 1 ft. to 42 ft. Gage .250

" Diam. from ft. to ft. Gage

" Diam. from ft. to ft. Gage

PERFORATIONS:

Perforated? ☐ Yes ☒ No.

Type of perforator used

Size of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

(7) SCREENS:

Well screen installed? ☐ Yes ☒ No

Manufacturer's Name

Type Model No.

Diam. Slot size Set from ft. to ft.

Diam. Slot size Set from ft. to ft.

(8) WELL TESTS:

Drawdown is amount water level is
lowered below static level

Was a pump test made? ☐ Yes ☒ No If yes, by whom?

Yield: gal./min. with ft. drawdown after hrs.

" " " "

" " " "

Ball test 40 gal./min. with 0 ft. drawdown after 1 hrs.

Artesian flow g.p.m.

Temperature of water 50 Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used cement

Well sealed from land surface to 25 ft.

Diameter of well bore to bottom of seal 16 in.

Diameter of well bore below seal 12" to 130" - 8" to 150"

Number of sacks of cement used in well seal 18 sacks

Number of sacks of bentonite used in well seal 0 sacks

Brand name of bentonite

Number of pounds of bentonite per 100 gallons
of water lbs./100 gals.

Was a drive shoe used? ☐ Yes ☒ No Plugs Size: location ft.

Did any strata contain unusable water? ☐ Yes ☒ No

Type of water? depth of strata

Method of sealing strata off

Was well gravel packed? ☐ Yes ☒ No Size of gravel:

Gravel placed from ft. to ft.

(10) LOCATION OF WELL:

County Lake Driller's well number

NE 1/4 SE 1/4 Section 5 T. 26S R. 19E W.M.

Bearing and distance from section or subdivision corner

2112' N & 1584' W of SE corner Sec 5

(11) WATER LEVEL: Completed well.

Depth at which water was first found 20 ft.

Static level 14 ft. below land surface. Date 6/18/75

Artesian pressure lbs. per square inch. Date

(12) WELL LOG: Diameter of well below casing 12 & 8

Depth drilled 150 ft. Depth of completed well 150 ft.

Formation: Describe color, texture, grain size and structure of materials;
and show thickness and nature of each stratum and aquifer penetrated,
with at least one entry for each change of formation. Report each change in
position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
brown sandy soil	0	2	
brown clay	2	5	
brown sand w/ some clay	5	15	
brn clay congl (WB)	15	25	
green claystone	25	53	
brn & tan clay congl (WB)	53	72	
gray clay congl	72	92	
tan clay congl (WB)	92	112	
tan clay congl	112	121	
brk hd gray rock congl	121	130	
brk hd gray rock congl	130	135	
hd gray rock (WB)	135	150	14

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AUG 12 2013

SALEM, OR

Work started 6/12 1975 Completed 6/18 1975

Date well drilling machine moved off of well 6/18 1975

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision.
Materials used and information reported above are true to my
best knowledge and belief.

[Signed] Paul Williams Date 6/27, 1975
(Drilling Machine Operator)

Drilling Machine Operator's License No. 864

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is
true to the best of my knowledge and belief.

Name Crawford Well Drilling
(Person, firm or corporation) (Type or print)

Address 3626 N.W. Coyner Rd, Salem, Ore

[Signed] John J. Johnson
(Water Well Contractor)

Contractor's License No. 595 Date 6/27, 1975

(USE ADDITIONAL SHEETS IF NECESSARY)

SP-4000-119