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WATER RESOURCES DEPT. SALEM, OREGON

STATE OF OREGON WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

WELL ID # L 33517
START CARD # 122773

(1) OWNER:

Well Number: ____

Name: Tim DeRuwe

Address: 412 Gardena Creek Road

City: Touchet State: WA Zip: 99360

(2) TYPE OF WORK: (repair/recondition)

☒ New Well ☐ Deepening ☐ Alteration ☐ Abandonment

(3) DRILL METHOD:

☒ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger ☐ Other:

(4) PROPOSED USE:

☐ Domestic ☐ Community ☐ Industrial ☒ Irrigation ☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval ☐ Yes ☒ No

Depth of Completed Well 501

Explosives Used ☐ Yes ☒ No Type ___ Amount

HOLE Diameter	From	To	Material	SEAL From	To	sacks or pounds
20	0	60	Cement	0	60	176 sacks
17	60	~~198~~ 501	Cement	158	198	88 sacks

How was seal placed: Method ☐ A ☐ B ☒ C ☐ D ☐ E

☒ Other bottom seal placed inside out

Backfill placed from ___ to ___ Material ___

Gravel placed from ___ to ___ Size of gravel

(6) CASING/LINER:

CASING:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
16	+1	198	.375	☒	☐	☒	☐
				☐	☐	☐	☐
				☐	☐	☐	☐
				☐	☐	☐	☐

LINER:

12	190	501	.250	☒	☐	☒	☐
				☐	☐	☐	☐

Final location of Shoe(s): 501 shoe on lines

(7) PERFORATIONS/SCREENS:

☒ Perforations Method: Torch / Factory

☐ Screen Type: ___ Material: ____

From	To	Slot Size	No.	Diameter	Tele/pipe size	Casing	Liner
198	238	.75-8"	140	12	.250	☐	☒
238	501	1/8-6"	1420	12	.250	☐	☒
						☐	☐
						☐	☐
						☐	☐

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

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gpm	Drawdown	Drill Stem at	Time
2700		500	1 hr.

Temperature of water ___ Depth Artesian Flow Found ___

Was a water analysis done? ___ By whom

Did any strata contain water not suitable for intended use? (explain)

Depth of Strata:

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(9) LOCATION OF WELL by legal description:

County: Umatilla Latitude: ___ Longitude: ____

Township: 6N Range: 34E

Section: 28 SE ¼ NW ¼

Tax Lot: 3500 Lot: ___ Block: ___ Subdivision: ___

Street Address of Well (or nearest address)

Alfalfa Field, Umatilla

(10) STATIC WATER LEVEL:

52.9 Ft. below land surface Date 8/12/1999

Artesian pressure ___ lb. per sq. in. Date ____

(11) WATER BEARING ZONES:

Depth at which water was first found

From	To	Est. Flow Rate	SWL
104	109	35gpm	16'
164	501	2700gpm	52.9'.

(12) WELL LOG: Ground Elevation:

Material	From	To	SWL
Top soil	0	7	
Silt brown some tan	7	45	
Gravel and clay conglomerate	45	63	
Silt gray some cobbles	63	104	
Gravels with coarse sand	104	109	WB
Silt gray	109	114	
Gravels conglomerate silt gray	114	143	
Basalt broken and clay gray	143	154	
Slate visicules light brown	154	164	
Basalt frac and vis black med	164	199	WB
Basalt small frac black med	199	212	WB
Basalt frac and vis black green	212	225	WB
Basalt frac black green	225	237	WB
Basalt vis gray	237	245	WB
Basalt frac vis gray hard	245	310	WB
Basalt frac vis black med	310	325	WB
Basalt frac gray hard	325	361	
Basalt frac weathered gray hard	361	369	
Basalt frac small gray med	369	386	WB
Basalt frac weathered gray med	386	391	WB
Basalt frac vis gray med	391	414	WB
Basalt frac vis black med	414	421	WB
Basalt frac black hard	421	434	
Basalt frac black green med	434	448	WB
Basalt frac black med	448	465	WB

Date Started: ___ Completed:

(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 water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

WWC Number

Signed ____ 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 water supply well construction standards. This report is true to the best of my knowledge and belief.

WWC Number

Signed ____ Date ____

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SALEM, OREGON

ATE OF OREGON ***PAGE 2 of 2***
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

(1) OWNER:
Well Number: _____
Name: _____
Address: _____
City: _____ State: Zip:

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

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

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

(5) BORE HOLE CONSTRUCTION:
Special Construction approval ☐Yes ☐No
Depth of Completed Well _____
Explosives Used ☐Yes ☐No Type ___ Amount

HOLE Diameter	From	To	Material	SEAL From	To	sacks or pounds

How was seal placed: Method ☐A ☐B ☐C ☐D ☐E
☐ Other _____
Backfill placed from ___ to ___ Material ___
from___ to ___ Material ___
Gravel placed from___ to ___ Size of gravel

(6) CASING/LINER:
CASING:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
				☐	☐	☐	☐
				☐	☐	☐	☐
				☐	☐	☐	☐
				☐	☐	☐	☐

LINER:

				☐	☐	☐	☐
				☐	☐	☐	☐

Final location of Shoe(s):

(7) PERFORATIONS/SCREENS:
☐ Perforations Method:
☐ Screen Type: ___ Material: _____

From	To	Slot Size	No.	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

Yield gpm	Drawdown	Drill Stem at	Time
			1 hr.

Temperature of water ___ Depth Artesian Flow Found
Was a water analysis done? ___ By whom:
Did any strata contain water not suitable for intended use? (explain)

_____
Depth of Strata:_____

WELL ID # L 33577
START CARD # 122758

(9) LOCATION OF WELL by legal description:
County: ___ Latitude: ___ Longitude: _____
Township: ___ Range: ___
Section: ___ ___ ¼ ___ ¼
Tax Lot: ___ Lot: ___ Block: ___ Subdivision: ___
Street Address of Well (or nearest address)

(10) STATIC WATER LEVEL:
___ Ft. below land surface Date
Artesian pressure ___ lb. per sq. in. Date _____

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

From	To	Est. Flow Rate	SWL

(12) WELL LOG: Ground Elevation:

Material	From	To	SWL
Basalt frac gray hard	465	474	
Basalt black med	478	501	

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SALEM, OREGON

Date Started: 07/21/1999 Completed: 08/12/1999

(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 water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

WWC Number 1672
Signed _____ Date 9-9-99

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...nded) Water Well Constructor Certification: I accept ...esponsibility 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 water supply well construction standards. This report is true to the best of my knowledge and belief.

Signed _____ WWC Number 1464
Date 9/9/99

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STATE OF OREGON

WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

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

UMAT 53529

Received Date 09/02/1999
Well ID Tag # L 33517
Start Card # 122773

(1) OWNER

Well Number

Name TIM DERUWE

Street 412 GARDENA CREEK RD
City TOUCHET State W Zip 99360

(2) TYPE OF WORK

[X] New [ ] Alter (Recondition) [ ] Alter (Repair)
[ ] Deepening [ ] Abandonment

(3) DRILL METHOD

[X] Rotary Air [ ] Rotary Mud [ ] Cable [ ] Auger
Other

(4) PROPOSED USE

[ ] Domestic [ ] Community [ ] Industrial [X] Irrigatio [ ] Injection
[ ] Livestock [ ] Thermal Other

(5) BORE HOLE CONSTRUCTION

Special Standards [ ] Depth of completed well 501 ft.
Explosives Used [ ] Amount Type

Diameter	From	To
20.00	0.00	60
17.00	60.00	~~158~~ 198
14.00	58.00	501

Material	Begin Depth	End Depth	Material Amount	Units
Cement	~~0.00~~	60.00	176.0	S
Cement	~~186.0~~ 158.0	198.00	88.00	S

How as seal placed: Method Other bottom seal placed inside/out
Backfill placed from ft. TO ft. Material
Filter pack from ft. TO ft. Size in.

(6) CASING/LINER

Casing or Liner	Diameter	Begin Depth	End Depth	Gauge	Material	Construction Weld	Construction Threaded	Location Of Shoe
C	16.00	0.00	198.00	.375	S	■	■	
L	12.00	~~90.00~~	501.00	.250	S	■	■	501

(7) PERFORATION/SCREENS

[X] Perforation Method Torch/Factory
[ ] Screens Type Material

From	To	Slot Size Width	Slot Size Height	umbe	Diameter	Size	asin or L	Method	ateri
198	238	0.750	8.00	140	12.00	12.00	L	TOURCH	S
238	501	0.125	6.00	~~142~~	12.00	12.00	L	FACTORY	S

updated

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

Type	Yield	Units	Drawdown	Stem at	Duration
Air	~~700.0~~	G		500	1.0

Temperature of water 55 °F/C Depth artesian flow found ft. Not listed
Was water analysis done? [ ]
By Whom? TIM DEROWE Not listed
Did any strata contain water not suitable for intended use? [ ] Too Little [ ] Salty
[ ] Mudd [ ] Odor [ ] Colored Other
Depth of strata ft.

(9) LOCATION OF HOLE By legal description

County Umatilla Latitude Longitude
Township 6.00 N Range 34.00 E Subdivision
Tax lot 3500 Lot Block
Section 28 SE 1/4 NW 1/4
Street Address of Well (or nearest address)
ALFALFA FIELD, ~~UMAPINE~~ Umatilla
MAP with location indentified must be attached

(10) STATIC WATER LEVEL

52.9 Ft. below land surface. Date 08/12/1999
Artesian Pressure lb/sq. in. Date

(11) WATER BEARING ZONES

Depth at which water was first found 104 ft.

From	To	Est. Flow Rate	SWL
104	109	35	~~59~~
164	501	2700	~~59~~ 52.9

(12) WELL LOG

Ground Elevation ft.

enter all info

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SALEM, OREGON

Date started 7/21/99 Completed 8/12/99

(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 the best knowledge and belief.

Signed By

(bonded) Water Well Constructor Certification: WWC Number

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.

WWC Number ~~1464~~

Signed By