

UMAT 55526

Well Log for POA 3A

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

(WELL I.D.)# L 176997 (amended UMAT 55526)
(START CARD) # 174329 (amended 3/27/06)

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

(1) OWNER: _____ Well Number 7H #2

Name Walla Walla Valley Appellation, LLC

Address 1244 Forest Land

City Walla Walla State WA Zip 99362

(2) TYPE OF WORK

New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:

Rotary Air Rotary Mud Cable Auger

Other reverse circulation

(4) PROPOSED USE:

Domestic Community Industrial Irrigation

Thermal Injection Livestock Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval Yes No Depth of Completed Well 1040 ft.

Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds
24"	0	20	Cement	0	20	28 sacks
20"	20	645	Cement	162	495	295 sacks
15"	645	1040				

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
20"	+1	180	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16"	0	645	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

Perforations Method Factory Perfs

Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
495	595	1/8x3	6080	16"	PS	<input checked="" 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
2000 gpm	83.25'	pump @ 515'	12 hrs

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? Too little

Salty Muddy Odor Colored Other _____

Depth of strata: _____

(9) LOCATION OF WELL by legal description:

County Umatilla Latitude _____ Longitude _____

Township 5 N Range 35 E WM.

Section 3 SE 1/4 NW 1/4

Tax Lot 400 Lot _____ Block _____ Subdivision _____

Street Address of Well (or nearest address) 83501 Lower Dry Creek Rd., Milton Freewater, OR 97862

(10) STATIC WATER LEVEL:

356.4 ft. below land surface Date 8-23-05

Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL
550	621	2000+	356.4
739	746	2000+	356.4
782	791	2000+	356.4
1000	1025	2000+	356.4

(12) WELL LOG:

Material	From	To	SWL
Ground Elevation _____			
See Attached Soil Profile Sheet			
RECEIVED			
JAN 28 2009			
WATER RESOURCES DEPT SALEM, OREGON			
RECEIVED			
MAR 28 2006			
WATER RESOURCES DEPT SALEM, OREGON			

Date started 5/10/05 Completed 8/23/05

(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.

Signed _____ WWC Number 1702
Date 3/27/06

(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.

Signed _____ WWC Number 1523
Date 3/27/06

ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SECOND COPY-CONSTRUCTOR THIRD COPY-CUSTOMER

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UMAT 55526
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Well Log for POA 3A
Geo-Tech Explorations
A Division of Boart Longyear
19700 SW Teton Ave
Tualatin, OR 97062
503-692-6400
503-692-4759 (fax)

Start Card: 174329
Well Label: L76997
Boring #: 7H #2

Soil Profile Continued from Log:

Material	From	To	SWL
Soil	0	12	
Weathered brown basalt	12	209	
Black w/ brown weathered basalt	209	242	
Black basalt	242	370	
Black w/ blue claystone	370	385	
Black basalt	385	550	
Fractured black basalt	550	621	
Fractured brown basalt	621	625	
Black basalt	625	661	
Black vesicular basalt	661	672	
Fractured black basalt	672	725	
Fractured black basalt w/ some gravel	725	739	
Black vesicular basalt	739	746	
Black basalt	746	782	
Black vesicular basalt	782	791	
Black basalt	791	820	
Black basalt	820	846	
Black basalt - fracture, hard	846	856	
Fractured gray basalt - hard	856	870	
Gray basalt - vesicular	870	876	
Black basalt - vesicular	876	880	
Gray basalt - hard	880	896	
Black and brown basalt - vesicular	896	904	
Gray basalt - hard	904	907	
Fractured black basalt	907	911	
Fractured gray basalt	911	915	
Black basalt - medium	915	918	
Black basalt - vesicular	918	919	
Black & gray basalt w/ clay	919	921	
Sandstone - black w/ some brown fractured basalt	921	926	
Black & gray basalt w/ some green seams - hard	926	930	
Black & gray fractured basalt	930	944	
Black basalt - vesicular w/ some gray basalt	944	970	
Black basalt - fractured	970	980	
Black basalt - fractured w/ some green	980	985	
Black & gray weathered basalt	985	990	
Gray basalt - hard; fractured	990	999	
Black & gray fractured basalt	999	1000	
Black & gray fractured basalt - green seams; vesicular	1000	1025	
Black basalt	1025	1040	

RECEIVED

OCT 04 2005

RECEIVED

WATER RESOURCES DEPT
SALEM, OREGON

JAN 28 2009

WATER RESOURCES DEPT
SALEM, OREGON

T 10777

UMAT 55523

Well Log for POA 4A

Amendment

UMAT 55523

STATE OF OREGON WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

(WELL I.D.)# L L76996 (Amended 1-24-06) (START CARD) # 174355

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

(1) OWNER: Well Number 7H #1 Name Walla Walla Valley Appellation, LLC Address 1244 Forest Land City Walla Walla State WA Zip 99362

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

(3) DRILL METHOD: [x] Rotary Air [] Rotary Mud [] Cable [] Auger [x] Other Reverse Circulation

(4) PROPOSED USE: [] Domestic [] Community [] Industrial [x] Irrigation [] Thermal [] Injection [] Livestock [] Other

(5) BORE HOLE CONSTRUCTION: Special Construction approval [] Yes [x] No Depth of Completed Well 1035 ft. Explosives used [] Yes [x] No Type Amount

Table with columns: HOLE, SEAL, Diameter, From, To, Material, From, To, Sacks or pounds. Row 1: 20", 0, 705, Cement, 0, 705, 1,034 sacks. Row 2: 14.75", 705, 1035.

How was seal placed: Method [] A [] B [x] C [] D [] E [] Other Backfill placed from ft. to ft. Material Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER: Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Casing: 16", +1, 705, .375, [x], [], [x], []. Liner: [], [], [], [], [], [], [], [].

Final location of shoe(s)

(7) PERFORATIONS/SCREENS: Table with columns: From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner. Includes checkboxes for Perforations and Screens.

(8) WELL TESTS: Minimum testing time is 1 hour. [x] Pump [] Bailer [] Air [] Flowing Artesian. Yield gal/min: 2,700. Drawdown: 9.5 feet. Time: 24 hours.

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? [] Too little [] Salty [] Muddy [] Odor [] Colored [] Other Depth of strata

(9) LOCATION OF WELL by legal description: County Umatilla Latitude Longitude Township 5 N Range 35 E WM. Section 25 4 SW 1/4 NE 1/4 Tax Lot 400 Lot Block Subdivision Street Address of Well (or nearest address) 83501 Lower Dry Creek Rd., Milton Freewater, OR 97862

(10) STATIC WATER LEVEL: 413.5 ft. below land surface. Date 7-22-05 Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES: Depth at which water was first found 479

Table with columns: From, To, Estimated Flow Rate, SWL. Row 1: 479, 612, 500+, 395. Row 2: 681, 694, 500+, 395. Row 3: 719, 751, 3,000+, 413.5. Row 4: 1021, 1025, 3,000+, 413.5.

(12) WELL LOG: Ground Elevation

Table with columns: Material, From, To, SWL. Includes 'See Attached Soil Profile Sheet' and 'RECEIVED' stamps from Water Resources Dept Salem, Oregon dated Jan 28 2009 and Jan 26 2006.

Date started 5/10/05 Completed 8/18/05 (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. Signed [Signature] WWC Number 1790 Date 9/23/05

(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. Signed [Signature] WWC Number 1523 Date 08/18/05

