

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

AMENDED WELL LOG 10-30-06  
Type of test = Pump  
WASC 51466  
WASC 51466

WELL ID. # L 61573

START CARD # W184870

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

(1) LAND OWNER Well Number 2  
Name JACK HAY  
Address 4455 EMERSON LOOP RD  
City THE DALLES State OR Zip 97058

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

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

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

(5) BORE HOLE CONSTRUCTION Special Construction:  Yes  No  
Depth of Completed Well 280 ft.  
Explosives used:  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

BORE HOLE			SEAL			Sacks or Pounds
Diameter	From	To	Material	From	To	
16"	0	39	BE	0	32	48 SACKS
			CE	32	39	5 SACKS
12"	39	200	CE	195	200	5 SACKS
6"	200	500				

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

Backfill placed from 250 ft. to 500 ft. Material BENTONITE/GRVL  
CEMENT placed from 240 ft. to 250 ft. Size of gravel \_\_\_\_\_

(6) CASING/LINER

Casing/Liner	Diameter	From	To	Gauge	Steel			
					Plastic	Welded	Threaded	
Casing: 12"	0	39	250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Liner: 10"	0	190	250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Drive Shoe used  Inside  Outside  None  
Final location of shoe(s) 39'

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

From	To	Slot Size	Number	Diameter	Tele/pipe size	Casing	Liner
120	160	3/4X2	50	6"	10"	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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

Yield gal/min	Drawdown	Drill stem at	Time
520	100	270	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 (legal description)  
County WASCO  
Tax Lot 2700 Lot \_\_\_\_\_  
Township 1 N Range 14 E WM  
Section 12 NW 1/4 NW 1/4

Lat \_\_\_\_\_ or \_\_\_\_\_ (degrees or decimal)  
Long \_\_\_\_\_ or \_\_\_\_\_ (degrees or decimal)

Street Address of Well (or nearest address) 4455 EMERSON LOOP RD THE DALLES OR 97058

(10) STATIC WATER LEVEL  
15 ft. below land surface. Date 04-12-06

150 ft. below land surface. Date 04-12-06  
Artesian pressure \_\_\_\_\_ lb. per square inch Date \_\_\_\_\_

(11) WATER BEARING ZONES  
Depth at which water was first found 165 & 180

From	To	Estimated Flow Rate	SWL
165	188	520	15
328	340	50	150

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

Material	From	To	SWL
TOPSOIL	0	2	
SAND, CEMENTED	2	35	15
GRAVEL, CEMENTED	35	39	15
SANDSTONE, COARSE	39	64	15
GRAY & BROWN BASALT,	64	98	15
MEDIUM HARD	64	98	15
GRAY BASALT, HARD, GREEN	98	115	15
CLAYSTONE	98	115	15
GRAY & BROWN BASALT,	115	165	15
FRACTURED, MED HARD	115	165	15
SANDSTONE, BROWN, W.B.	165	180	15
SANDSTONE, ORANGE, W.B.	180	188	15
GRAY BASALT, HARD	188	210	15
GRAY BASALT, HARD, W/GREEN	210	220	15
AGATE	210	220	15

Date Started 3-29-06 Completed 4-12-06

(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 1256 Date 4-13-06  
Signed Paul Moore Jr

(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 731 Date 4-13-06  
Signed Charles S Moore

RECEIVED

ORIGINAL - WATER RESOURCES DEPARTMENT  
OCT 31 2006

WATER RESOURCES DEPT  
SALEM, OREGON

FIRST COPY - CONSTRUCTOR SECOND COPY - CUSTOMER 06/16/2004

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

WELL ID. # L 81673

START CARD # W184870

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

(1) LAND OWNER Well Number 2 Name JACK HAY Address 4455 EMERSON LOOP RD City THE DALLES State OR Zip 97058

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

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

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

(5) BORE HOLE CONSTRUCTION Special Construction: [ ] Yes [X] No Depth of Completed Well 280 ft. Explosives used: [ ] Yes [X] No Type Amount

Table with columns for BORE HOLE Diameter, From, To, Material, and SEAL From, To, Sacks or Pounds. Includes rows for 16", 12", and 8" diameters.

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

Backfill placed from 250 ft. to 500 ft. Material BENTONITE/GRVL. CEMENT placed from 240 ft. to 250 ft. Size of gravel

(6) CASING/LINER Table with columns for Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Includes rows for Casing 12" and Liner 10".

Drive Shoe used [X] Inside [ ] Outside [ ] None Final location of shoe(s) 38'

(7) PERFORATIONS/SCREENS [X] Perforations Method HOLTE [ ] Screens Type Material STEEL

Table for Perforations/Screens with columns for From, To, Slot Size, Number, Diameter, Tele/pipe size, Casing, Liner. Includes row for 120 to 160 slot size.

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

Table for Well Tests with columns for Yield gal/min, Drawdown, Drill stem at, Time. Includes row for 520 yield and 100 drawdown.

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 (legal description) County WASC Tax Lot 2789 Lot Township 1 N Range 14 E WM Section 12 NW 1/4 NW 14 Lat Long (degrees or decimal)

Street Address of Well (or nearest address) 4455 EMERSON LOOP RD THE DALLES OR 97058

(10) STATIC WATER LEVEL 15 ft. below land surface. Date 04-12-06 150 ft. below land surface. Date 04-12-06 Artesian pressure lb. per square inch Date

(11) WATER BEARING ZONES Table with columns for From, To, Estimated Flow Rate, SWL. Includes rows for 165-188 and 328-340.

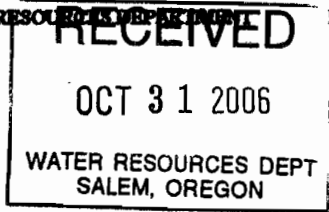
(12) WELL LOG Table with columns for Material, From, To, SWL. Includes rows for GRAY BASALT, BROWN & GRAY BASALT, YELLOW CLAYSTONE, GRAY BASALT, HARD, GRAY BASALT, HARD, FRACTURED, W.B., GRAY BASALT.

(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 1266 Date 04-13-06 Signed Karl Moore Jr

(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 731 Date 04-13-06 Signed Charles L Moore



# WASC 51466

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

WELL I.D. # L 61573

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(3) DRILL METHOD  
 Rotary Air  Rotary Mud  Cable  Auger  Cable Mud  
 Other \_\_\_\_\_

(4) PROPOSED USE  
 Domestic  Community  Industrial  Irrigation  
 Thermal  Injection  Livestock  Other \_\_\_\_\_

(5) BORE HOLE CONSTRUCTION Special Construction:  Yes  No  
Depth of Completed Well 280 ft.  
Explosives used:  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

BORE HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or Pounds
16"	0	39	BE	0	32	48 SACKS
			CE	32	39	5 SACKS
12"	39	200	CE	195	200	5 SACKS
6"	200	500				

How was seal placed: Method  A  B  C  D  E  
 Other \_\_\_\_\_

Backfill placed from 280 ft. to 500 ft. Material BENTONITE/GRVL  
Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Size of gravel \_\_\_\_\_

(6) CASING/LINER

Casing/Liner	Diameter	From	To	Gauge	Material			
					Steel	Plastic	Welded	Threaded
Casing: 12"	0	39	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Liner: 10"	0	200	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Drive Shoe used  Inside  Outside  None  
Final location of shoe(s) 39'

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

From	To	Slot Size	Number	Diameter	Tele/pipe size	Casing	Liner
165	195	3/4X2	50	6"	10"	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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

Yield gal/min	Drawdown	Drill stem at	Time
520	100	270	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 (legal description)  
County WASCO  
Tax Lot 2700 Lot \_\_\_\_\_  
Township 1 N Range 14 E WM  
Section 12 NW 1/4 NW 1/4

Lat \_\_\_\_\_ or \_\_\_\_\_ (degrees or decimal)  
Long \_\_\_\_\_ or \_\_\_\_\_ (degrees or decimal)  
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15 ft. below land surface. Date 04-12-06  
150 ft. below land surface. Date 04-12-06  
Artesian pressure \_\_\_\_\_ lb. per square inch Date \_\_\_\_\_

(11) WATER BEARING ZONES  
Depth at which water was first found 165 & 180

From	To	Estimated Flow Rate	SWL
165	188	520	15
328	340	50	150

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

Material	From	To	SWL
TOPSOIL	0	2	
SAND, CEMENTED	2	35	15
GRAVEL, CEMENTED	35	39	15
SANDSTONE, COARSE	39	64	15
GRAY & BROWN BASALT, MEDIUM HARD	64	98	15
GRAY BASALT, HARD, GREEN	98	115	15
CLAYSTONE	98	115	15
GRAY & BROWN BASALT, FRACTURED, MED HARD	115	165	15
SANDSTONE, BROWN, W.B.	165	180	15
SANDSTONE, ORANGE, W.B.	180	188	15
GRAY BASALT, HARD	188	210	15
GRAY BASALT, HARD, W/GREEN	210	220	15
AGATE	210	220	15

Date Started 3-29-06 Completed 4-12-06

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WWC Number 1256 Date 4-13-06  
Signed Paul Moore

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WWC Number 731 Date 4-13-06  
Signed Charles L Moore

**RECEIVED**  
MAY 03 2006  
WATER RESOURCES DEPT  
SALEM, OREGON

# WASC 51466

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 Thermal  Injection  Livestock  Other \_\_\_\_\_

(5) BORE HOLE CONSTRUCTION Special Construction:  Yes  No  
Depth of Completed Well 280 ft.  
Explosives used:  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

BORE HOLE			SEAL			Sacks or Pounds
Diameter	From	To	Material	From	To	
16"	0	39	BE	0	32	48 SACKS
			CE	32	39	5 SACKS
12"	39	200	CE	195	200	5 SACKS
6"	200	500				

How was seal placed: Method  A  B  C  D  E  
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Backfill placed from 280 ft. to 500 ft. Material BENTONITE/GRVL  
Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Size of gravel \_\_\_\_\_

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Casing/Liner	Diameter	From	To	Gauge	Material			
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Liner: 10"	0	200	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Drive Shoe used  Inside  Outside  None  
Final location of shoe(s) 39'

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 Perforations Method HOLTE  
 Screens Type \_\_\_\_\_ Material STEEL

From	To	Slot Size	Number	Diameter	Tele/pipe size	Casing	Liner
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Depth of strata: \_\_\_\_\_

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Tax Lot 2700 Lot \_\_\_\_\_  
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Section 12 NW 1/4 NW 1/4

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

Street Address of Well (or nearest address) 4455 EMERSON LOOP RD THE DALLES OR 97058  
(10) STATIC WATER LEVEL  
15 \_\_\_\_\_ ft. below land surface. Date 04-12-06  
150 \_\_\_\_\_ ft. below land surface. Date 04-12-06  
Artesian pressure \_\_\_\_\_ lb. per square inch Date \_\_\_\_\_

(11) WATER BEARING ZONES  
Depth at which water was first found 165 & 180

From	To	Estimated Flow Rate	SWL
165	188	520	15
328	340	50	150

(12) WELL LOG

Material	Ground Elevation		
	From	To	SWL
GRAY BASALT	220	275	15
BROWN & GRAY BASALT,	275	290	15
YELLOW CLAYSTONE	275	290	15
GRAY BASALT, HARD	290	328	15
GRAY BASALT, HARD,	328	340	150
FRACTURED, W.B.	328	340	150
GRAY BASALT	340	500	150

Date Started 03-29-06 Completed 04-12-06-

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WWC Number 1256 Date 04-13-06  
Signed Paul Moore Jr.

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WWC Number 731 Date 04-13-06  
Signed Charles L Moore

