

16

YAMHILL 833

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

RECEIVED

4/18/36/23 da (START CARD) # 26352

(1) OWNER: Name GRAY + Co. Well Number: SEP 11 1991 Address 17100 SE PALMER CREEK RD. City DAYTON State OR.

(9) LOCATION OF WELL by legal description: County YAMHILL Latitude Longitude Township 45 N or S. Range 3W E or W. WM. Section 23 NE 1/4 SE 1/4 Tax Lot Lot Block Subdivision Street Address of Well (or nearest address) 17100 SE PALMER CR. RD.

(2) TYPE OF WORK: [ ] New Well [ ] Deepen [ ] Recondition [ ] Abandon

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

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

(5) BORE HOLE CONSTRUCTION: Special Construction approval Yes No Depth of Completed Well 306 ft. Explosives used [ ] [x] Type Amount

Table with columns: HOLE Diameter, SEAL Material, Amount sacks or pounds. Row 1: SEAL, NOT, DISTURBED

How was seal placed: Method [ ] A [ ] B [ ] C [ ] D [ ] E 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: 6" 261' 283' 250 [x] [ ] [x] [ ] 6" 298' 306' 260 [x] [ ] [x] [ ]

(7) PERFORATIONS/SCREENS: [x] Perforations Method TORCH [x] Screens Type V-SLOT Material 304 S. STEEL

Table with columns: From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner. Row 1: 283' 298' 100 32 6" P.S. [ ] [ ] Row 2: 298' 302' 3/8" [ ] [ ] Row 3: 6" 32 [x] [ ]

(8) WELL TESTS: Minimum testing time is 1 hour [x] Pump [ ] Bailer [ ] Air [ ] Artesian Yield gal/min Drawdown Drill stem at Time 400 GPM 27' 1/2 hr. 300 GPM 24' 5 1/2 HRS.

Temperature of water 54° 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:

(10) STATIC WATER LEVEL: 53 ft. below land surface. Date 5-29-91 Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES: Depth at which water was first found 280' Table with columns: From, To, Estimated Flow Rate, SWL. Row 1: 280' 302' 400 GPM 53'

(12) WELL LOG: Table with columns: Material, From, To, SWL. Row 1: EXISTING WELL DEPTH 273' Row 2: - BLACK SILT & FINE SAND W/ SOME CLAY 273' 280' Row 3: - SMALL-MEDIUM GRAVEL W/ FINE - COARSE BLACK SAND W. BEARING 280' 302' 53' Row 4: - BLUE CLAY - DENSE 302' 306'

Date started APRIL 17, 1991 Completed MAY 30, 1991

(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. Signed Date WWC Number

(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. Signed Michael Waldrop Date MAY 31, 1991 WWC Number 633

PUMP TEST DATA SHEET

Gray & Co.

17100 SE Turner Cr. Rd.

45 3W 23 NE SE

APPLICATION NO. \_\_\_\_\_

PERMIT NO. \_\_\_\_\_

All water level measurements must either be in 1) feet and inches, or 2) feet and decimal fractions. (Circle one)

DRAWDOWN DATA *May 29, 1991*

RECOVERY DATA

DATE	TIME	TIME SINCE PUMP STARTED (minutes)	WATER LEVEL MEASUREMENT	CORRECTION IF ANY	DEPTH TO WATER	COMMENTS	DATE	TIME	TIME SINCE PUMP STOPPED (minutes)	WATER LEVEL MEASUREMENT	CORRECTION IF ANY	DEPTH TO WATER	COMMENTS
<i>WED.</i>						<i>SWL: 53'</i>							
<i>5/29</i>	<i>12:26 PM</i>	<i>1</i>			<i>57'</i>	<i>100 GPM</i>							
		<i>2</i>			<i>57'</i>								
		<i>3</i>			<i>57'</i>								
		<i>4</i>			<i>58'</i>								
		<i>5</i>			<i>58'</i>								
		<i>10</i>			<i>58'</i>								
	<i>12:40</i>	<i>15</i>			<i>58'</i>	<i>100 GPM</i>							
	<i>12:41</i>	<i>1</i>	<i>-16min</i>		<i>62'</i>	<i>200 "</i>							
		<i>2</i>			<i>62'</i>								
		<i>3</i>			<i>63'</i>								
		<i>4</i>			<i>63'</i>								
		<i>5</i>	<i>-20</i>		<i>63'</i>								
	<i>12:50</i>	<i>10</i>	<i>-25</i>		<i>63'</i>	<i>200 GPM</i>							
	<i>12:51</i>	<i>1</i>			<i>67 1/2"</i>	<i>300 GPM</i>							
		<i>2</i>			<i>68'</i>								
		<i>3</i>			<i>68 1/2"</i>								
		<i>4</i>											
		<i>5</i>			<i>68 1/2"</i>								
		<i>10</i>			<i>68 1/2"</i>								
	<i>1:05</i>	<i>15</i>	<i>-40min</i>		<i>69'</i>	<i>300 GPM</i>							
	<i>1:10</i>	<i>20</i>	<i>-45min</i>		<i>74'</i>	<i>350 "</i>							
	<i>1:20</i>	<i>55min</i>			<i>74 1/2"</i>	<i>350 "</i>							
	<i>2:00</i>	<i>95</i>			<i>76 1/2"</i>	<i>400 GPM</i>							
	<i>:01</i>	<i>96</i>			<i>77 1/2"</i>								
	<i>:02</i>	<i>97</i>			<i>78'</i>								
	<i>:03</i>	<i>98</i>			<i>78'</i>								
	<i>:04</i>	<i>99</i>			<i>78 1/2"</i>								
	<i>2:05</i>	<i>100</i>			<i>79'</i>	<i>400+GPM</i>							
	<i>2:10</i>	<i>105</i>			<i>79'</i>	<i>5</i>							
	<i>2:15</i>	<i>110</i>			<i>80'</i>	<i>400 GPM</i>							

# PUMP TEST DATA SHEET

APPLICATION NO. \_\_\_\_\_ PERMIT NO. \_\_\_\_\_

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DRAWDOWN DATA							RECOVERY DATA						
DATE	TIME	TIME SINCE PUMP STARTED (minutes)	WATER LEVEL MEASUREMENT	CORRECTION IF ANY	DEPTH TO WATER	COMMENTS	DATE	TIME	TIME SINCE PUMP STOPPED (minutes)	WATER LEVEL MEASUREMENT	CORRECTION IF ANY	DEPTH TO WATER	COMMENTS
WED							5/29	6:36 PM	1	64'			
	2:20	115			86'	440 GPM		:37		63.5"			
	2:25	120			86'	440 GPM		:38		63'3"			
	2:35	130			81'6"	300 GPM		:39		63'			
	2:40	135			81'	}		:40		62'9"			
	3:10	165			80'			:45		61'6"			
	3:30	185			{			6:50		60'9"			
	<del>4:30</del>	{			{			:55		60'			
	<del>4:40</del>	{			{			7:00		59'6"			
	3:40	195			80'	300 GPM		:10		58'6"			
	3:50	205			79'6"	}		:20		57'9"			
	4:00	215			78'			7:30		57'			
	4:15	230			76'6"			:40		56'3"			
	4:30	245			76'6"			:50		55'6"			
	4:45	260			81'6"			8:00		54'9"			
	5:00	275			76'6"	}		:10		54'			
	5:15	290			77'			:20		53'3"			
	5:30	305			{		300 GPM	:30		53'			
	5:45	320			{		}	8:40		53'			
	6:00	335			{								
	6:15	350			{	}							
	6:30	365			{								
	6:35	370			77'	300 GPM							