

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

**JEFF**  
**880**  
 PAGE 1 of 2

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JUN 10 1994

13s/12e/16da  
 pg. 1

(START CARD) #65238

(1) OWNER: Well Number 4  
 Name Crooked River Ranch  
 Address PO Box 1388  
 City Crooked River Ranch State OR Zip 97760

(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 951 ft.  
 Explosives used  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE			SEAL			Amount
Diameter	From	To	Material	From	To	sacks or pounds
20	0	16	Cement	0	30	35 sacks
18	16	762	7 Sack Slur	30	495	14 yards
13	762	882	Cement	495	520	50 sacks
12 1/2	882	951				

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	Seal			
				Steel	Plastic	Welded	Threaded
Casing: 14	+1	762	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner: _____				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) \_\_\_\_\_  
 (7) PERFORATIONS/SCREENS:  
 Perforations Method Swift Factory Perf.  
 Screens Type \_\_\_\_\_ Material \_\_\_\_\_

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
640	760	1/2x2	5600	14		<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

Yield gal/min	Drawdown	Drill stem at	Time
<u>890</u>	<u>N/A</u>	<u>951</u>	<u>1 hr.</u>
<u>750</u>	<u>2'</u>	<u>602</u>	<u>8 hr.</u>
<u>1400</u>	<u>8'</u>	<u>602</u>	<u>5 min.</u>

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: \_\_\_\_\_

(9) LOCATION OF WELL by legal description:  
 County Jefferson Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
 Township 13 S N or S. Range 12 E E or W. WM.  
 Section 16 NE 1/4 SE 1/4  
 Tax Lot 72 Lot # 7 Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
 Street Address of Well (or nearest address) Cinder Road

(10) STATIC WATER LEVEL:  
502 ft. below land surface. Date 5-26-93  
 Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

(11) WATER BEARING ZONES:  
 Depth at which water was first found 504

From	To	Estimated Flow Rate	SWL
600	762	300	502
762	951	500	502

(12) WELL LOG:  
 Ground elevation \_\_\_\_\_

Material	From	To	SWL
Clay and large cobbles Br.	0	6	
Basalt fractured Grey	6	18	
Basalt hard Grey	18	28	
Basalt fractured Grey	28	33	
Basalt weathered Grey with clay soft yellowish brown	33	50	
Sandstone med. conglomerate	50		
Brown			
Sandstone	50		
Conglomerate		128	
Pumice	128	132	
Conglomerate	132	156	
Lava med. gry. rounded	156	208	
Basalt and gry. & brn. with fractures	208	216	
Basalt lavender hard	216	225	
Basalt gry. & brn. hard	225	260	
Basalt very hard	260	326	
Soft rock brn. weathered	326	345	
Sandstone conglomerate	345	425	
Basalt red hard	425	470	

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 well construction standards. Materials used and information reported above are true to my best knowledge and belief.  
 Signed [Signature] WWC Number 1358  
 Date 6-8-94

(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 [Signature] WWC Number 1358  
 Date 6-8-94

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WATER RESOURCES DEPT. (START CARD) # 65238

(1) OWNER: Well Number 4  
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 Address PO Box 1388  
 City Crooked River Ranch State OR Zip 97760

(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 \_\_\_\_\_ ft.  
 Explosives used  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE Diameter	From		To	Material	SEAL From		To	Amount sacks or pounds

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
				<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"/>	<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 \_\_\_\_\_  
 Screens Type \_\_\_\_\_ Material \_\_\_\_\_

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						<input 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
			1 hr.

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: \_\_\_\_\_

SALEM, OREGON  
 (9) LOCATION OF WELL by legal description:  
 County Jefferson Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
 Township 13 S N or S, Range 12 E E or W, WM.  
 Section 16 NE 1/4 SE 1/4  
 Tax Lot 72 Lot # 7 Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
 Street Address of Well (or nearest address) Cinder Road

(10) STATIC WATER LEVEL:  
 \_\_\_\_\_ ft. below land surface. Date \_\_\_\_\_  
 Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

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

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:  
 Ground elevation \_\_\_\_\_

Material	From	To	SWL
Pumice conglomerate	470	562	
Sandstone brn.	562	600	
Basalt grey hard	600	633	
Sandstone brn. conglomerate	670		
Soft drilling		695	
Basalt gry. hard	695	708	
Basalt med. weathered	708	714	
Basalt hard gry. with fractures	714	762	
Conglomerate	762	845	
Pumice conglomerate	845	865	
Basalt grey hard	865	882	
Lava pourous red & brn.	882	913	
Hard grey	913	921	
Lava red broken & pourous	921	927	
Basalt grey hard	927	951	

Date started 4-25-94 Completed 5-26-94

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

Signed Byron B. Hatfield 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 Byron B. Hatfield WWC Number 1358  
 Date 6-8-94