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SEP 29 1997

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765) WATER RESOURCES WELL I.D.# 412659 (START CARD)# 76395
SALEM, OREGON

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

(1) OWNER: Well Number _____
Name Charles Tract Water Co Inc
Address Rt 2 Box 2528
City Hermiston State OR Zip 97838

(2) TYPE OF WORK
 New Well Deepening Alteration (repair/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 420 ft.
Explosives used Yes No Type _____ Amount _____

HOLE		SEAL					
Diameter	From To	Material	From To	Sacks or pounds			
<u>14</u>	<u>0</u> <u>145</u>	<u>CEMENT</u>	<u>100</u> <u>145</u>	<u>22 SKS</u>			
	<u>0</u> <u>145</u>	<u>Bentonite</u>	<u>0</u> <u>50</u>	<u>29 SKS</u>			
<u>10</u>	<u>145</u> <u>420</u>						

How was seal placed: Method A B C D E
 Other Dry granular
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
Casing: <u>10</u>	<u>1</u>	<u>194</u>	<u>250</u>	<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) 144

(7) PERFORATIONS/SCREENS:

From	To	Slot size	Number	Diameter	Material	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 Artesian
Yield gal/min 200+ Drawdown _____ Drill stem at 420 Time 1 hr.
Temperature of water 58° 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 or S Range 28 E or W. WM.
Section 37 SW 1/4 SE 1/4
Tax Lot 100 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) Hwy 395 Hermiston

(10) STATIC WATER LEVEL:
169 ft. below land surface. Date 8-25-97
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 129

From	To	Estimated Flow Rate	SWL
<u>129</u>	<u>136</u>	<u>5</u>	<u>129</u>
<u>407</u>	<u>416</u>	<u>200</u>	<u>169</u>

(12) WELL LOG:

Ground Elevation _____

Material	From	To	SWL
<u>Silt</u>	<u>0</u>	<u>2</u>	
<u>sand</u>	<u>2</u>	<u>78</u>	
<u>sand & gravels</u>	<u>78</u>	<u>101</u>	
<u>Blue Clay</u>	<u>101</u>	<u>136</u>	<u>129</u>
<u>Black Basalt</u>	<u>136</u>	<u>195</u>	
<u>Grey Basalt</u>	<u>195</u>	<u>258</u>	
<u>Fractured Basalt</u>	<u>258</u>	<u>264</u>	
<u>Black Basalt</u>	<u>264</u>	<u>294</u>	
<u>Blue Clay</u>	<u>294</u>	<u>304</u>	
<u>Black Basalt</u>	<u>304</u>	<u>378</u>	
<u>Grey Basalt</u>	<u>378</u>	<u>407</u>	
<u>Fractured Basalt</u>	<u>407</u>	<u>416</u>	<u>169</u>
<u>Black Basalt</u>	<u>416</u>	<u>420</u>	

Date started 8-9-97 Completed 8-25-97
(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 759
Signed G. Brown Date 8-25-97