

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

Desc 4143

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WATER RESOURCES DEPARTMENT (START CARD) WATER RESOURCES DEPT.

(1) OWNER:
Name AURON WATER CO.
Address 60813 PARRELL RD
City BEND State OR. Zip 97702

Well Number: SALEM, OREGON (9) LOCATION (ON WELL) legal description:

County DESHUTES Latitude _____ Longitude _____
Township 18 S North Range 12 E (E) or W. W.M.
Section 19 SW 1/4 NE 1/4
Tax Lot 201 Lot 92 Block _____ Subdivision _____
Street Address of Well (or nearest address) ROCKING HORSE RD
KEUER BEND ESTATES WEST 1/2 OF LOT 92, BEND, OR

(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 447 ft.
Explosives used Yes No Type _____ Amount _____

HOLE		SEAL		Amount	
Diameter	From To	Material	From To	sacks	or pounds
<u>18"</u>	<u>0</u> <u>30'</u>	<u>CEMENT</u>	<u>0</u> <u>30'</u>	<u>83</u>	<u>SKS.</u>
<u>1 1/2"</u>	<u>+2</u> <u>447'</u>				

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:

Casing/Liner	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	<u>14"</u>	<u>+2</u>	<u>30'</u>	<u>250</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:	<u>12"</u>	<u>-3</u>	<u>447'</u>	<u>250</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

(7) PERFORATIONS/SCREENS:
 Perforations Method MILLS KNIFE
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
<u>407</u>	<u>447</u>	<u>1/8" x 3/16"</u>	<u>640</u>	<u>12"</u>		<input type="checkbox"/>	<input checked="" type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Flowing Artesian
Yield gal/min 506 GPH. Drawdown _____ Drill stem at _____ 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: _____

(10) STATIC WATER LEVEL:
390 ft. below land surface. Date 7-5-93
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found 430'

From	To	Estimated Flow Rate	SWL
<u>430</u>	<u>445</u>	<u>506 G.P.H.</u>	<u>390</u>

(12) WELL LOG: Ground elevation _____

Material	From	To	SWL
<u>BRN. SANDY SOIL</u>	<u>0</u>	<u>8'</u>	
<u>BROKEN LAVA (MED)</u>	<u>8'</u>	<u>19'</u>	
<u>GRAY ROCK (MED)</u>	<u>19'</u>	<u>45'</u>	
<u>BRN. CONG.</u>	<u>45'</u>	<u>110'</u>	
<u>BROKEN LAVA (MED)</u>	<u>110'</u>	<u>125'</u>	
<u>RED SANDER CONG.</u>	<u>125'</u>	<u>170'</u>	
<u>GRAY SANDSTONE</u>	<u>170'</u>	<u>220'</u>	
<u>BRN. SANDSTONE</u>	<u>220'</u>	<u>290'</u>	
<u>(HARD) GRAY ROCK</u>	<u>290'</u>	<u>325'</u>	
<u>CREUSES BROKEN ROCK</u>	<u>325'</u>	<u>350'</u>	
<u>RED SANDER CONG.</u>	<u>350'</u>	<u>370'</u>	
<u>BRN. SANDSTONE CONG.</u>	<u>370'</u>	<u>390'</u>	
<u>GRAY ROCK (MED)</u>	<u>390'</u>	<u>415'</u>	
<u>BROKEN LAVA HARD</u>	<u>415'</u>	<u>430'</u>	
<u>RED SANDER GRAVEL (W.B.)</u>	<u>430'</u>	<u>445'</u>	<u>390</u>
<u>HARD GRAY ROCK</u>	<u>445'</u>	<u>447'</u>	

Date started 5-10-93 Completed 7-5-93

(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 _____ 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 Larry M. Lalay WWC Number 15360
Date 7-12-93