

STATE OF OREGON

WATER SUPPLY WELL REPORT

(as required by ORS 537.765 & OAR 690-205-0210)

04-15-2011

WELL LABEL # L 11939

START CARD # 205809

(1) LAND OWNER Owner Well I.D. 11939
First Name Last Name
Company CARPENTER RANCH LLC
Address 1930 LEWIS STREET
City SALEM State OR Zip 97302

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

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

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

(5) BORE HOLE CONSTRUCTION Special Standard Attach copy
Depth of Completed Well 263.00 ft.
BORE HOLE SEAL sacks/
Dia From To Material From To Amt lbs

How was seal placed: Method A B C D E
Other
Backfill placed from ft. to ft. Material
Filter pack from ft. to ft. Material Size
Explosives used: Yes Type Amount

(6) CASING/LINER
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd
Shoe Inside Outside Other Location of shoe(s)
Temp casing Yes Dia From To

(7) PERFORATIONS/SCREENS
Perforations Method
Screens Type Material
Perf/S Casing/ Screen Scrn/slot Slot # of Tele/
reen Liner Dia From To width length slots pipe size

(8) WELL TESTS: Minimum testing time is 1 hour
Pump Bailer Air Flowing Artesian
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)

Temperature 62 °F Lab analysis Yes By
Water quality concerns? Yes (describe below)
From To Description Amount Units

(9) LOCATION OF WELL (legal description)
County Harney Twp 26.00 S N/S Range 30.00 E E/W WM
Sec 1 SW 1/4 of the NE 1/4 Tax Lot 100
Tax Map Number Lot
Lat ° ' " or DMS or DD
Long ° ' " or DMS or DD
Street address of well Nearest address

30040 WEAVER SPRINGS ROAD BURNS, OR.

(10) STATIC WATER LEVEL
Date SWL(psi) + SWL(ft)
Existing Well / Predeepening 03-29-2011 45
Completed Well 03-31-2011 45
Flowing Artesian? Dry Hole?

WATER BEARING ZONES Depth water was first found 45
SWL Date From To Est Flow SWL(psi) + SWL(ft)
03-31-2011 228 245 200 45
03-31-2011 245 260 800 45

(11) WELL LOG Ground Elevation
Material From To

Date Started 03-29-2011 Completed 03-31-2011

(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.
License Number 1394 Date 04-15-2011
Electronically Filed
Signed EUGENE MACK (E-filed)

(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.
License Number 1394 Date 04-15-2011
Electronically Filed
Signed EUGENE MACK (E-filed)
Contact Info (optional) MACK DRILLING COMPANY INC.

(5) BORE HOLE CONSTRUCTION

BORE HOLE			SEAL				sacks/ lbs
Dia	From	To	Material	From	To	Amt	

FILTER PACK

From	To	Material	Size

(6) CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
○	○		<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"/>
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○	○		<input type="checkbox"/>				○	○	<input type="checkbox"/>	<input type="checkbox"/>

(7) PERFORATIONS/SCREENS

Perf/S creen	Casing/ Liner	Screen Dia	From	To	Scrn/slot width	Slot length	# of slots	Tele/ pipe size

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

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Water Quality Concerns

From	To	Description	Amount	Units

(10) STATIC WATER LEVEL

Water Bearing Zones

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)
					<input type="checkbox"/>	
					<input type="checkbox"/>	
					<input type="checkbox"/>	
					<input type="checkbox"/>	
					<input type="checkbox"/>	
					<input type="checkbox"/>	
					<input type="checkbox"/>	
					<input type="checkbox"/>	

(11) WELL LOG

Material	From	To

Comments/Remarks

SEE HARN 50143
WELL HAD FILLED UP WITH SAND TO 125 FEET.
CLEANED OUT BOREHOLE TO 206 FEET AND REAMED HOLE DOWN TO 196 FEET.
INSTALLED 12' LINER PIPE DOWN TIGHT AT 210 FEET.
CLEANED OUT TO THE BOTTOM 290 FEET BUT THE BOTTOM WAS FLAKING IN SLOWLY.
RAN CAMERA INTO THE WELL ON 04-04-2011. BOREHOLE WAS TIGHT FROM THE BOTTOM OF THE CASING DOWN TO 245 FEET WHERE THE HOLE WAS ENLARGED IN CINDERS.
HOLE CAVED BACK TO 263 FEET CLOSE TO WHERE CAVING WAS NOTED ON ORIGINAL REPORT.