

SHER 50491

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765 & OAR 690-205-0210)

APR 21 2014

WELL LABEL # L 107449

SALEM, OR

START CARD # 1022713

(1) LAND OWNER Owner Well I.D. _____
 First Name _____ Last Name _____
 Company R&A Scharf LLC
 Address 9950 Bethal Rd
 City Amity State Or Zip 97101

(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 117 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	
		8		7	87	sch40					
											
											
											
											

Shoe ☐ Inside ☐ Outside ☐ Other Location of shoe(s) _____
Temp casing ☐ Yes Dia From To

[illegible]

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

☐ Pump
 ☐ Bailer
 ☒ Air
 ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
350	117	117	1

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

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)
County Wasco ^{Sherman} Twp 2 N N/S Range 18 E E/W WM
Sec 20 NW 1/4 of the NE 1/4 Tax Lot 440
Tax Map Number _____ Lot _____
Lat _____ " or 45.64627 DMS or DD
Long _____ " or 120.591,590 DMS or DD
☐ Street address of well ☒ Nearest address
1.5 miles north of Emigrant Springs In on Herin Rd

(10) STATIC WATER LEVEL				
	Date	SWL(psi)	+	SWL(ft)
Existing Well / Predeepening	04-02-2014		☐	14.9
Completed Well	04-15-2014		☐	14.9
Flowing Artesian?	☐	Dry Hole?	☐	

WATER BEARING ZONES					Depth water was first found	
SWL Date	From	To	Est Flow	SWL (psi)	+	SWL (ft)
						44

[illegible]Date Started 04-14-2014 Completed 04-15-2014

(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 _____ Date _____
 Password : (if filing electronically) _____
 Signed _____

(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 1937 Date 04-17-2014
 Password : (if filing electronically) _____
 Signed [Signature]
 Contact Info (optional) 509-773-4085

We pulled the pump and videoed the well. The well had 8" liner. Top of liner was 7' with perforations starting at 27' to 117'. Perforations were made primarily with 2" hole saw with 4 holes per foot. This was allowing rocks to be sucked up by the pump. Open hole from 117' to 125'. We pulled liner and videoed well to inspect perforations in 10" steel liner. We ran a 9.5" drill bit with a 6' stabilizer and cleaned well to 117' and determined that lower hole was under gauged and produced no water. While blowing the well we blew out a significant amount of cuttings that we believe are from the original well construction. We jetted perforations. We then pumped 1000 gal of chlorinated water down well and videoed again. Water was clear to 76' and perforations looked good. From 76' and lower the water was too cloudy to see anything. We determined the well produced no water beyond this point and verified no comingling of aquifers. We then installed 30' of flush joint 8" PVC screen and 90' of PVC flush joint liner. We then reinstalled the pump with 84' of column pipe, the air line affixed at 84'.

RECEIVED BY OWRD

APR 21 2014

SALEM, OR