amended 11/20/18 **WELL I.D. LABEL# L**| 130753 **UMAT 58177** STATE OF OREGON START CARD# WATER SUPPLY WELL REPORT 1040094 (as required by ORS 537.765 & OAR 690-205-0210) 9/26/2018 ORIGINAL LOG# UMATILLA 58148 (1) LAND OWNER Owner Well I.D. 12 First Name Last Name (9) LOCATION OF WELL (legal description) Company NF LAND LLC County UMATILLA Twp 5.00 N N/S Range 36.00 E E/W WM Address 2885 SANDFORD AVE SW #21711 Sec 23 NW 1/4 of the NE 1/4 Tax Lot 200 Zip <u>49418</u> City GRANDVILLE State MI Tax Map Number New Well Deepening (2) TYPE OF WORK |X | Alteration (complete 2a & 10) Abandonment(complete 5a) " or DMS or DD (2a) PRE-ALTERATION Street address of well Stl Plstc Wld Thrd Gauge Casing: 8 WATER RIGHT PERMIT G-17347 WELL #12 $|(\bullet)|$ N FORK WALLA WALLA RIVER RD. M Material From To Amt sacks/lbs Seal: Bentonite Sacks (10) STATIC WATER LEVEL (3) DRILL METHOD SWL(psi) SWL(ft) X Rotary Air Rotary Mud Cable Existing Well / Pre-Alteration | 8/21/2018 Reverse Rotary Other Completed Well 9/25/2018 Flowing Artesian? Domestic X Irrigation Dry Hole? (4) PROPOSED USE Industrial/ Commericial Livestock Dewatering WATER BEARING ZONES Depth water was first found Thermal | Injection Other SWL Date To Est Flow SWL(psi) + SWL(ft) From (5) BORE HOLE CONSTRUCTION Special Standard (Attach copy Depth of Completed Well 475.00 ft. BORE HOLE **SEAL** sacks/ Dia From Material From To Amt lbs 275 221 17 0 60 S 14 275 Calculated 172 10 275 282 (11) WELL LOG Calculated 8 Ground Elevation То How was seal placed: Method From Existing hole 475 Other Backfill placed from _ ft. to ___ ft. Material _ ft. to __ ft. Material Filter pack from _ Explosives used: Yes Type_ Amount (5a) ABANDONMENT USING UNHYDRATED BENTONITE Actual Amount Proposed Amount (6) CASING/LINER Dia Plstc Casing Liner From To Gauge Wld Thrd XInside Outside Other Location of shoe(s) Temp casing X Yes Dia 16 From + X 2 (7) PERFORATIONS/SCREENS Perforations Method Screens Type _ Material Date Started8/21/2018 Completed 9/25/2018 Perf/ Casing/ Screen Scrn/slot Slot # of Tele/ (unbonded) Water Well Constructor Certification Screen Liner From length slots pipe size 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 1985 Date 9/26/2018 (8) WELL TESTS: Minimum testing time is 1 hour ALEXANDER SIMONTON (E-filed) Air Flowing Artesian O Pump (Bailer (bonded) Water Well Constructor Certification Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)

ORIGINAL - WATER RESOURCES DEPARTMENT

400

Water quality concerns?

Temperature 68

°F Lab analysis Yes By.

Yes (describe below) TDS amount 44

License Number 1881

Signed GARRY ZOLLMAN (E-filed)
Contact Info (optional) Garry Zollman

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.

Date 9/26/2018

WATER SUPPLY WELL REPORT - continuation page	UMAT 58177 9/26/2018	WELL I.D. LABEL# L START CARD # ORIGINAL LOG #	1040094
Dia + From To Gauge Stl Plstc Wld Thrd	Water Quality From To	Concerns Description	Amount Units
Material From To Amt sacks/lbs			

					$\overline{}$	_	_		
M	aterial		From	To	Amt	sacks/l	bs		
							_		
					+		_		
(5) BO	RE HOI	LE CC	NSTR	UCTIC	N				
В	ORE HO	LE				SEAL	,		sacks/
Dia	From	To	M	laterial		From	To	Amt	lbs
						(Calculated		

Material	110111	10	2 11110	103
	(Calculated		
	(Calculated		
	(Calculated		
	(Calculated		
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	ER PAC		G:
From	To	Material	Size

(6) CASING/LINER

Casing Liner	Dia	+	From	To	Gauge	Stl	Plstc Wld Th	ırd

(7) PERFORATIONS/SCREENS

Casing/ Liner	From	To	Scrn/slot width	Slot length	Tele/ pipe size
					\vdash

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

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

(10) STA	TIC WA	TER	LEVEL

SWL Date	From	То	Est Flow	SWL(psi)	+	SWL(ft)
					\vdash	

(11) WELL LOG

Material	From	То

Comments/Remarks

Pulled 8" casing, reamed to 17" from 0' to 60'.
Reamed to 14" from 60' to 275' and 10" from 275' to 282'.