

STATE OF OREGON WATER SUPPLY WELL REPORT

UMAT 58107

WELL I.D. LABEL# L

127291

START CARD #

1038512

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

5/7/2018

ORIGINAL LOG #

UMATILLA 5670

(1) LAND OWNER Owner Well I.D. G-12111 First Name MALCOLM Last Name MILLAR Company Address 52794 COUNTY RD City MILTON FREEWATER State OR Zip 97862

(2) TYPE OF WORK [X] Alteration (complete 2a & 10) [] Abandonment(complete 5a)

(2a) PRE-ALTERATION Casing: Dia 8 From 0 To 1 Gauge .25 Stl [X] Plstc [] Wld [X] Thrd [] Seal: Bentonite 0 To 20 Amt 18 Sacks

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

(4) PROPOSED USE [X] Irrigation [] Community [] Industrial/ Commercial [] Livestock [] Dewatering [] Thermal [] Injection [] Other

(5) BORE HOLE CONSTRUCTION Depth of Completed Well 440.00 ft. BORE HOLE Material From To Amt lbs Bentonite 0 20 18 S Calculated 17.98 Cement 89 372 50 S Calculated 50

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

(5a) ABANDONMENT USING UNHYDRATED BENTONITE Proposed Amount Actual Amount

(6) CASING/LINER Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd Shoe [] Inside [X] Outside [] Other Location of shoe(s) 372 Temp casing [] Yes Dia From + To

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

(8) WELL TESTS: Minimum testing time is 1 hour [] Pump [] Bailer [X] Air [] Flowing Artesian Yield gal/min Drawdown Drill stem/Pump depth Duration (hr) Temperature 58 °F Lab analysis [] Yes By Water quality concerns? [] Yes (describe below) TDS amount 189 ppm From To Description Amount Units

(9) LOCATION OF WELL (legal description) County UMATILLA Twp 6.00 N N/S Range 35.00 E E/W WM Sec 34 SE 1/4 of the SW 1/4 Tax Lot 1600 Tax Map Number Lot Lat Long [] Street address of well [X] Nearest address 52794 COUNTY RD MILTON FREEWATER, OR 97862

(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft) Existing Well / Pre-Alteration 4/25/2018 170 Completed Well 5/4/2018 170 Flowing Artesian? [] Dry Hole? []

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

(11) WELL LOG Ground Elevation Material From To EXSISTING HOLE 0 440

Date Started 4/25/2018 Completed 5/4/2018

(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. License Number 1735 Date 5/7/2018 Signed CHAD COURTNEY (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. License Number 1881 Date 5/7/2018 Signed GARRY ZOLLMAN (E-filed) Contact Info (optional) Garry Zollman