UNIO 52638

STATE OF OREGON WATER SUPPLY WELL REPORT

| | uni o | \$2638 |
|----------------|--------|--------|
| WELL LABEL # L | 115858 | |

| (as required by ORS 537.765 & OAR 690-205-0210) | START CARD # 1033096 | |
|--|--|--|
| (1) LAND OWNER Owner Well I.D | (9) LOCATION OF WELL (legal descri | ntion) |
| First Name MARK Last Name DELINT Company Address 65324 ALICEL LANE City COVE State OR Zip 97824 | County UNION Twp 2 S N/S R Sec 17 SW 1/4 of the SW 1/4 Tax Map Number | ange 39 E E/W WM Tax Lot 7203 Lot |
| (2) TYPE OF WORK New Well Deepening Conversion Alteration (repair/recondition) Abandonment | Long "or -117.973511 Street address of well • Nearest address of well | DMS or DD |
| (3) DRILL METHOD Rotary Air Rotary Mud Cable Auger Cable Mud Reverse Rotary Other | (10) STATIC WATER LEVEL Date SV | WL(psi) + SWL(ft) |
| (4) PROPOSED USE Domestic Irrigation Community Industrial/ Commericial Livestock Dewatering Thermal Injection Other | Existing Well / Predeepening Completed Well Plowing Artesian? The water BEARING ZONES Depth water wate | y Hole? 62 |
| (5) BORE HOLE CONSTRUCTION Special Standard Attach copy) Depth of Completed Well Depth of Completed Well BORE HOLE 1,000 ft. BORE HOLE Dia From To Amt Ibs SEAL Sacks/ 24 0 575 20 575 1,028 Bentonite Chips 14 80 11 12,000 P 14 80 11,000 15 14 80 15 14 80 15 14 80 15 16 16 16 16 16 16 16 16 17 16 16 18 16 16 18 16 16 18 16 16 19 16 16 10 16 16 10 16 17 10 16 17 10 16 17 10 16 16 | | |
| How was seal placed: Method A B C D E | (11) WELL LOG Ground Elevation Material | From To 0 3 |
| Backfill placed from ft. to ft. Material Filter pack from 80 ft. to 1,028 ft. Material Gravel Size pea gravel | Fine - medium brown sand Brown clay Fine-medium brown sand | 3 26 26 28 28 36 |
| Explosives used:Yes Type Amount | Blue clay, medium sand mix Brown clay Fine-medium brown sand | 36 39 39 42 42 48 |
| ● 16 118 .375 | Burnt brown clay Fine-medium sand Burnt brown clay, brown clay Medium brown sand, w/ small brown clay layer Burnt brown clay,brown clay Fine-medium brown sand, sm. brown clay layer | 48 56 56 58 58 67 67 86 86 97 97 125 |
| Shoe Inside Outside Other Location of shoe(s) Temp casing Yes Dia From To | Sandy brown clay Fine-medium brown sand | 125 129 129 135 |
| (7) PERFORATIONS/SCREENS Perforations Method Screens Type Wire Wrap Material Stainless Steel | Burnt brown clay Fine-coarse brown sand w/pea gravel Burnt brown clay | 135 141 141 145 145 149 149 160 |
| Perf/ Casing/Screen Scrn/slot Slot # of Tele/ | Date Started 11-30-2016 Completed | 04.12.2017 |
| Screen Casing 16 478 548 .03 Screen Casing 10 573 603 .03 Screen Casing 10 630 650 .03 | (unbonded) Water Well Constructor Certification I certify that the work I performed on the construct abandance of this well is in compliance with constitution standards. Materials used and informathe best of my knowledge and belief. RECE | h Oregon water supply well |
| (8) WELL TESTS: Minimum testing time is 1 hour Pump Bailer Air Flowing Artesian Yield gal/min Drawdown Drill stem/Pump depth Duration (hr) | Password : (if filing electronically) Signed | MAY 0 2 2017 |
| Temperature 53 °F Lab analysis Yes By TDS 1-75 Water quality concerns? Yes (describe below) From To Description Amount Units | (bonded) Water Well Constructor Certification I accept responsibility for the construction, deepen work performed on this well during the construction performed during this time is in compliance wit construction standards. This report is true to the best License Number 150a. | dates reported above. All world h Oregon water supply wel |
| TASTITUTE ATTORNEY OF THE STATE | Password : (if this electronically Signed Contact Injo (optimal) | 20-2017 |

START CARD # 1033096

| (5) BORE I BORE I Dia From | HOLE | CONST | FRUCTION Material | ON SEA From | _ |) A | sacks/ mt_lbs | (10) STATI Water Be | C WATEI | | | | | |
|----------------------------------|---------------|-----------------|-------------------|-------------------|------------|------------------|------------------|------------------------|------------------------------------|-----------------|--------------|-------------|--------------|------------|
| | | | Iviatorial | | <u> </u> | T^{Δ} | | SWL Date | From | To | Fst Flow | SWL(psi) | + | SWL(ft) |
| | | | | | | | | | 17011 | T | Latiton | 5 11 E(p31) | | SWE(II) |
| | | | | | | | | | | | | | | |
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| DI O | ED DAG | | | <u> </u> | | i | | | | | | | | |
| FILI | ER PACI To | K. Materi | al Siz | 7e | | | | | | | | | | |
| Tion | 10 | Iviateri | | | | | | ļ | | | | | | |
| | 1 | | | | | | | | | L | | <u> </u> | Ц | |
| | | | | | | | | | | | | | | |
| | | | | | | | | (11) WELL | LOG | | | | | |
| (6) CASING | G/LINE | R | | | | | | (11) WEEE | LOG | | | | | |
| , , | | | | | | | | In | Material | | | From | | То |
| Casing Line | er Dia | + | From T | o Gauge | Stl Pls | tc W | ld Thrd | Burnt brown cl | | | | 160 | <u> -</u> | 167 |
| \odot | 10 | | 603 63 | 30 .365 | (O) | | | Fine-coarse bro | | | i clay seam | | - | 188 |
| <u> </u> | 10 | | 650 7 | 16 .365 | (i) | 7 🗖 | | Burnt brown cl | | | | 188 226 | — <u> </u> - | 226 |
| <u> </u> | 10 | $\Box \Box$ | 736 80 | 67 .365 | (| 7 🗵 | | | | | | 232 | | 290 |
| \odot | 10 | | 877 9 | 75 .365 | 0 | | | Fine blue sand | Blue clay, w/sm. brown clay layers | | | | | 294 |
| \odot | 10 | | 995 1,0 | 000 .365 | 0 | $\supset \nabla$ | | Blue clay, blue | flaky clay w/ | sm grav clav | seam | 290 294 | | 369 |
| 0 0 | | | | | \bigcirc | | | Fine blue sand | | s g, +, | | 369 | | 371 |
| \circ | | | | | \bigcirc | | | Blue clay,stick | y blue clay | | | 371 | | 378 |
| 00 | | | | | | | | Fine-medium b | lue sand | | | 378 | | 381 |
| \circ | | | | | \bigcirc | | | Blue clay, stick | | laky blue clay | ′ | 381 | | 430 |
| | | | | | | | | Fine-medium b | | | | 430 | | 432 |
| | | | | | | | | Flaky blue clay | | | | 432 | _ | 478 |
| | | | | | | | | Fine - medium | blue sand, sn | i blue clay sea | ıms | 478 | | 498 |
| (E) DEDEC | D | **~ '~ ~ | | | | | | Blue clay | 1 a d /L1 | 1 | | 498 505 | - | 505 |
| (7) PERFO | | NS/SC | REENS | | | | | Fine-medium b | | | - Aome | 526 | - | 526 573 |
| Perf/ Casing/ | | | | Scrn/slot | Slot | # of | Tele/ | Fine-coarse blu | | | | 573 | | 603 |
| Screen Liner | Dia | From | To | | length | slots | pipe size | Blue clay, flak | | | 113 | 603 | | 634 |
| Screen Casing Screen Casing | 10 | 716 867 | 736 877 | .03 | | | | Fine-medium b | | <u> </u> | | 634 | - | 647 |
| Screen Casing | 10 | 975 | 995 | .03 | | | | Blue clay,flaky | blue clay w/s | sm fine-med b | l. sand sea | 647 | | 721 |
| Screen Casing | - 10 | 713 | 100 | .03 | | | - | Fine-coarse blu | e sand,sm blu | ie clay seam | - | 721 | | 734 |
| | | | | - | | | | Blue clay,flaky | | | | 734 | | 787 |
| | | | | | | | | Fine blue sand, | | | | 787 | | 790 |
| | | | | | | | | Blue clay,flaky | | lay w/sm bl. s | and seam | 790 | | 872 |
| | | | | | | | | Fine-medium b | | | | 872 | _ _ | 876 |
| | | | | | | | | Flaky blue clay | · | | | 876 | —⊦ | 887 |
| | | | | | | | | Blue clay | . 1.1 | 1 | | 887 | - | 977 |
| | | | | | | | | Medium-coars | e blue sand, g | ravei | | 977 | <u>—</u> L | 984 |
| (8) WELL | | Minir wdown | | ng time is | | uratio | n (hr) | Comments | /Remarks | | | | | |
| | | | | | | | | | | | | ···· | | |
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| - | | | | w | | | | | | | | go ₹ | P | <u>m</u> |
| L | | | | | L | | 1 | | | | | SALEM | | Ş |
| Water Qu | ality Co | ncerns | | | | | | | | | | <u>ь</u> е | | |
| From | To | | Descript | ion | Amou | int (| Jnits | NOTE: 16"x | 10" Reducer | @ 558' to 560 |)' | ₹ & | | m |

| WATER SUPPLY WELL REPORT - | UNIO 5 | 2638 | | LI.D. LABI | | | |
|--|---|------------------|--------------|------------------------|----------|-------------|------------------|
| continuation page | | | | START CAI IGINAL LO | | 3096 | |
| 2a) DDE ALTEDATION | | | | | | 11 | 7 2-0 |
| (2a) PRE-ALTERATION Dia + From To Gauge Stl Pists Wild Th | , | | lity Concerr | 18 | | Unio | 56238 |
| Dia + From To Gauge Stl Plstc Wld Th | nrd | From | То | Descrip | tion | Amou | nt Units |
| | - | | | | | | |
| | - | | | | | | |
| Material From To Amt sacks/lbs | _ | | | | | | |
| | 1 | | | | | | |
| | | | | | | | |
| | | (10) STAT | IC WATER | RIEVEL | | | |
| 5) BORE HOLE CONSTRUCTION | | SWL Date | From | To | Est Flow | SWL (nsi) | + SWL(ft) |
| BORE HOLE SEAL | sacks/ | | 110111 | T | 1 | 5 11 E(p31) | 3 W E(II) |
| Dia From To Material From | To Amt lbs | | | | | | |
| | | | | | | | |
| Cal | culated | | | | | | |
| Cal | culated | | | | | | |
| Can | culated | | | | | | |
| Cal | culated | | | | | | |
| Cal | oulated | <u> </u> | | | - | | |
| | culated | | | | | | |
| FILTER PACK From To Material Size | | (11) WELI | LOG | | | | |
| Tioni to indicate size | | | Material | | | From | То |
| | | Blue clay | | | | 984 | 992 |
| | | Fine blue san | nd | | | 992 | 994 |
| CACRICA NED | | Blue clay | | | | 994 | 1,009 |
| (6) CASING/LINER | | Sticky blue c | lay | | | 1,009 | 1,028 |
| Casing Liner Dia + From To Gauge Stl | Piste Wid Thrd | | | | | | |
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| | | | -0-11 / | יאור אמי | חם | | |
| (7) PERFORATIONS/SCREENS | | RE | CEIVED | אט זמנ | שח | | |
| | lot # cf Tele/ | | | | | | |
| | gth slots pipe size | | MAY 3 | 0 2017 | | | |
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| | | | | | | | |
| | | Comment | s/Remarks | | | | |
| | | | | | | | |
| (8) WELL TESTS: Minimum testing time is 1 h | nour | | | _ | | | -75 # 18 mm in 1 |
| Yield gal/min Drawdown Drill stem/Pump depth | Duration (hr) | | | R | ECEIV | ED BY | JWHL |
| | | | | | | | |
| | | | | | MAY | 0 2 20 | 7 |
| | | | | | .,,, (1 | - Apr | |

SALEM, OF