STATE OF OREGON WATER SUPPLY WELL REPORT (as required by ORS 537.765) Instructions for completing this report are on the last page of this form

Amended Well Log

WELL ID # 22965

(START CARD) # 113163

| (1) OWNER: Well Number: 22965 | (9) LOCATION OF WELL by legal descrip | tion: | |
|--|---|---------------------|--------------|
| Name Bureau of Land Management | County Tillamook Latitude | Longitud | de |
| Address P.O. Box 2965 | Township 3/S N or S. Range 7/W Section 32 NW 1/4 | E or W. of V | MM. |
| City Portland State OR Zip 97208 | Section 32 NW 1/4 Tax lot None Lot Block | SW Subdivision | 1/4 |
| (2) TYPE OF WORK: | Street Address of Well (or nearest address) Alder | Glen Park. | |
| X New Well Deepening Alteration (repair/recondition) Abandonment | Nestucca Recreation Site | | |
| (3) DRILL METHOD: | (10) STATIC WATER LEVEL: | | |
| X Rotary Air Rotary Mud Cable Auger Other | 15 ft. below land surface. Artesian pressure lb. per square inc | Date 11/5 | 5/98 |
| (4) PROPOSED USE: | (11) WATER BEARING ZONES: | | |
| X Domestic Community Industrial Irrigation Thermal Injection Livestock Other | Depth at which water was first found 32 | | |
| (5) BORE HOLE CONSTRUCTION: | From To Estin | nated Flow Rate | SWL |
| | 105 118.5 | 8.5 | 19 |
| Special Construction approval Yes XNo Depth of Completed Well 118.5 ft. Explosives used Yes XNo Type Amount | | | |
| HOLE SEAL Amount | | | <u> </u> |
| Diameter From To Material From To sacks or pounds | (12) WELL LOG: Ground elevation | | |
| 10" 0 2 Bentonite 0 2 1 sack | Material | From To | SWL |
| | Top soil and gravel Clay brown, sand and boulders | 0 5 | |
| | Sandstone grey black | 5 9 9 32 | |
| How was seal placed: Method A B XC D E | Sandstone grey and black with | 32 | |
| Other | blue claystone Siltstone grey | 52 52 55 | |
| Backfill placed from ft. to ft. Material Gravel placed from 85 ft. to 118.5 ft. Size of gravel 1/2" - 3/4" | Siltstone green and blue | 55 70 | |
| 172 074 | Siltstone with sandstone seams Basalt black with claystone | 70 82 | |
| (6) CASING/LINER: | Basalt black with claystone Basalt black and sandstone with | 82 87 87 | |
| Casing: 6" +1.5 1 18.5 X X X | quartz seams | 105 | |
| Casing: 6" +1.5 118.5 X | Basalt black w/ blue sandstone & claystone fract. | 105 | |
| | Ciayotone fract. | 118.5 | 15 |
| Liner: | | | |
| | RECEIVED | | |
| Final location of shoe(s) 118.5 | | | |
| (7) PERFORATIONS/SCREENS: | JAN 1 2 1999 | | |
| X Perforations Method Air Perforator | | | |
| Screens Type Slots Material | WATER RESOURCES DEPT. | | |
| Slot Tele/pipe From To size Number Diameter size Casing Liner | SALEM, OREGON | | |
| 102 117 .250 495 1.25 6" | | | |
| | Date started 11/3/98 Completed 11 | 1/5/09 | |
| | (unbonded) Water Well Constructor Certification | | |
| | I certify that the work I performed on the construction, alter | ration or abandons | ment |
| (8) WELL TESTS: Minimum testing time is 1 hour | of this well is in compliance with Oregon water supply well c | onstruction standar | rde |
| Pump Bailer XAir Flowing Artesian | Materials used and information reported above are true to m belief. | y best knowledge a | and |
| Yield gal/min Drawdown Drill stem at Time | | C Number | |
| | Signed Date |) | |
| | Thomas de Al Marie and the Committee of | | |
| | (bonded) Water Well Constructor Certification: | hande | |
| | I accept responsibility for the construction, alteration, or a performed on this well during the construction dates reported | above All work | |
| Depth Artesian Flow found | performed during this time is in compliance with Oregon water | er supply well | |
| Vas a water analysis done? XYes By whom Waterlab iid any strata contain water not suitable for intended use? Too little | construction standards. This report is true to the best of my Mack Drilling Company Ing | Mowledge and beli | |
| Salty Muddy Odor Colored X Other Too little | Signed Signed | | • |
| Depth of strata: 32-52 | for the County ball | | -95 |
| DRIGINAL & FIRST COPY - WATER RESOURCES DEPARTMENT SECO | NDEORY - CONSTRUCTOR THIRD CORY | CUCTOMED | |

STATE OF OREGON

WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

Instructions for completing this report are on the last page of this form

| WELL | ID# | 22965 |
|------|-----|-------|

| (START | CARD)# | 113163 |
|--------|--------|--------|
| | | |

| (1) OWNER: | u of Land Managem | Well Number: | 22965 | (9) LOCATION OF V County Marion Township 3/S | L | .atitude | L | ongitude | |
|---|---|--|---|---|---|--------------------|----------------|----------------|--------------|
| Address P.O. Box 2965 | | Section 32 | Nors. Range 1744 NW | y SW | = = 0 | or vv. or v 1⁄4 | VIVI. | | |
| City Portland State OR Zip 97208 | | | Tax Lot None L | ot Block | | _ Subdiv | ision | | |
| (2) TYPE OF \ X New Well | | on (repair/recondition |) Abandonment | Street Address of Well Alder Glen Park | (or nearest address)_ Nestucca Recre | | te | | |
| (3) DRILL ME | | on (repair | , | (10) STATIC WATE | R LEVEL: low land surface. | | | ate <u>11/</u> | |
| _ | Rotary Mud | Cable | Auger | Artesian pressure | | square inc | ch. D | ate | |
| (4) PROPOSE | :D USE: | | | (11) WATER BEAR | | | | | |
| X Domestic | | | Depth at which water was first found 32 | | | | | , | |
| Thermal | Injection | Livestock | Other | 32 | То 52 | Estim 4.5 | ated Flo | w Rate | SWL 14 |
| (5) BORE HO | LE CONSTRUCTION | N: | | 105 | 118.5 | 8.5 | | | 15 |
| Special Construct | ion approval 🔲 Yes 💢 N | io Depth of Compl | eted Well <u>118.5</u> ft. | | | | | | |
| | Yes X No Type | Am S EAL | ount | | | | | | |
| HOLE Diameter From 10" 0 | To Material 2 Bentonite | From To | sacks or pounds 1 sack | (12) WELL LOG: | Ground e | levation _ | | | |
| 10" 0 | 118.5 Cement | 2 85 | 25 sacks | | Material | | From | То | SWL |
| | | | | Top soil and grave Clay brown, sand | | | <u>0</u> 5 | 5 9 | |
| | | | | Sandstone grey bl | | | 9 | 32 | |
| How was saal play | ced: Method | B X C D | | See next line Sandstone grey ar | ad black with blu | a alayat | 32 | 52 | |
| How was seal placed: Method A B X C D E | | Siltstone grey | 10 DIACK WILLI DIU | e claysi | 52 | 55 | 1 | | |
| Backfill placed fro | mft. toft. to | ft. Material ft. Size of gravel | 1/2" - 3/4" | Siltstone green an | | | 55 | 70 | |
| | | it. Size of graver | | Siltstone with sand | | | 70 82 | 82 87 | |
| (6) CASING/L | | Otaal Blackle | Walded Throaded | See next line | | | 87 | 105 | |
| Dlamete Casing: 6" | er From To Gaug 25 <u>-</u> +1.5 118.5 | | Weided Threaded | Basalt black and s | andstone with q | uartz se | ams 105 | 118.5 | 15 |
| | | | | Basalt black w/ blu | ue sandstone & d | layston | | | 1.5 |
| | | | | | | | | | |
| Liner: | | | | RECE | IVED " | ECE | :1\/E | - T \ | + + |
| Final location of shoe(s) 118.5 | | | | | | * 10 AA EU | 1895** | | |
| | | - | | JAN 12 | 1999 | A | 4 400 | | - |
| · · · _ | ATIONS/SCREENS: ons Method Air P | orforator | | | | EC 0 | 199 | В | |
| X Perforati Screens | A1 1 | | | WATER RESOUR SALEM, OR | HISTORI WANTE | R RESO | URCES | DEPT. | |
| | Slot | Tele/plpe | | 1 | Luoji (| SALEM, | DREGO | N | 1 |
| From To 102 117 | size Number Dia 1.250 495 1.25 | meter size 5 6" | Casing Liner | High PH | 7.2 | | | | |
| 102 117 | 1.200 400 11.20 | | | Date started 11/3/98 | Cor | mpleted 1 | 1/5/98 | } | |
| | | | | (unbonded) Water W | | | | | |
| | | | | I certify that the work I | performed on the const | ruction, alt | i. eration, | or aband | onment |
| (8) MELL TE | STS: Minimum testi | na time is 1 hou | ır | of this well is in complian | | | | | |
| (8) WELL IE | | Ng time is i not X Air | ┌─ Flowing | Materials used and inforr belief. | nation reported above | are true to | my best | Knowled | ge and |
| Pump | Dallel | <u> </u> | Artesian | 1 1 | (\ | W | NC Num | nber <u>/4</u> | 754 -98 |
| Yield gal/min | Drawdown | Drill stem at | Time | SignedM_ | | Da | le// | -/3 | -98- |
| 8.5 | 118 | 3.5 | hr. | | 0 | | | | |
| | | | | (bonded) Water Well I accept responsibility f | | | r abando | nment w | ork |
| | | | | I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work | | | | | |
| Temperature of V | | h Artesian Flow found whom Waterlab | | performed during this tim construction standards. | | | | | l belief |
| Did any strata co | ntain water not suitable for | intended use? |] Too little | Someticular standards. | ·s rogott is true to th | / w | WC Nun | nber13 | 394 |
| Salty Mu | iddy 🔲 Odor 🔲 Coloi | red 🛛 Other 🔯 | ossible | Signed Mack | MMacA Drilling Compan | | te/ | 1/12 | 198 |
| Depth of strata: | 32-52 | <u> </u> | taminition | IVIACK | Drining Compan | y, 1110. | | | |