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

02-18-2011

Page 1 of 1

WELL LABEL # L 102536 START CARD # 1012414

| (I) LAND OWNER Owner Well 1.D. well 21 | (9) LOCATION OF WELL (legal description) |
|--|---|
| First Name Andy Last Name Root | County Harney Twp 26.00 S N/S Range 30.00 E E/W WN |
| Company ACW | See 3 NW 1/4 of the NW 1/4 Tax Lot 800 |
| Address PO Box 3 | Tax Map Number Lot |
| City Burns State OR Zip 97720 | Tax Map Number Lot Lat 6 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| (2) TYPE OF WORK New Well Deepening Conversion | Long O O O DMS or DD |
| Alteration (repair/recondition) Abandonment | ● Street address of well |
| (3) DRILL METHOD | 29062 Weaver Spring Road |
| Rotary Air Rotary Mud Cable Auger Cable Mud | (10) OTATIONATED I NUEV |
| Reverse Rotary Other | (10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft) |
| (4) PROPOSED USE Domestic Irrigation Community | Existing Well / Predcepening |
| | Completed Well 02-11-2011 104 |
| Industrial/ Commercial Livestock Dewatering | Flowing Artesian? Dry Hole? |
| Thermal Injection Other | WATER BEARING ZONES Depth water was first found |
| (5) BORE HOLE CONSTRUCTION Special Standard Attach copy | SWL Date From To Est Flow SWL(psi) + SWL(ft) |
| Depth of Completed Well 167.00 ft. | 02-11-2011 104 167 3,000 104 |
| BORE HOLE SEAL sacks/ | |
| Dia From To Material From To Amt Ibs | |
| 18 0 18 Bentonite Chips 0 18 90 S | |
| 14 18 167 | |
| | (11) WELL LOG Ground Elevation |
| Flow was seal placed: Method A B C D E | Ground Elevation |
| | Material From To Topsoil sand loam |
| Other poured dr & tamped | Sand and down |
| Backfill placed from ft. to ft. Material | Clay cinders 6 60 |
| Filter pack from fl. to fl. Material Size | Rock boulders 60 80 |
| Explosives used: Yes Type Amount | Cinders 80 95 |
| (6) CASING/LINER | Rock besalt black 95 140 |
| (6) CASING/LINER Casing Liner Dia + From To Gauge Stl Plste Wld Thrd | Void 140 145 |
| ● ○ 14 × 1.5 60 .250 ● ○ × | Cinders muti colored 145 160 |
| | Rock broken loose and caving 160 167 |
| | |
| | DECENIED |
| | RECEIVED |
| Shoe Inside Outside Other Location of shoe(s) | |
| Temp easing Yes Dia From To | MAY 1 2 2011 |
| (7) PERFORATIONS/SCREENS | |
| | WATER RESOURCES DEP |
| Perforations Method | SALEM, OREGON |
| | |
| Perf/S Casing/Screen Sern/slot Slot # of Tele/ creen Liner Dia From To width length slots pipe size | Date Started 02-03-2011 Completed 02-11-2011 |
| Credit Dital Dia Pion 10 whith length and pipe size | (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. |
| (8) WELL TESTS: Minimum testing time is 1 hour | License Number Date |
| Pump Bailer Air Flowing Artesian | Electronically Filed |
| Yield gal/min Drawdown Drill stem/Pump depth Duration (hr) | Signed |
| 2,800 2 145 6 | (bonded) Water Well Constructor Certification |
| | I accept responsibility for the construction, deepening, alteration, or abandonment |
| F-1 | work performed on this well during the construction dates reported above. All work |
| Temperature 60 °F Lab analysis Yes By | 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. |
| Water quality concerns? Yes (describe below) | |
| From To Description Amount Units | License Number 1424 Date 02-18-2011 |
| and the state of t | Electronically Filed |
| | Signed TIMOTHY K RILEY (E-filed) Contact Info (optional) |
| | |
| ORIGINAL - WATER RESOURCES DETAILS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTM | |

HARN 51765

HARN 51765

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

02-18-2011

| Page | | |
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WELL LABEL # L 102536 START CARD # 1012414

| (1) LAND OWNER | Owner W | ell I.D. well 2' | l | | | (9) LOCATION OF WELL (legal description) | | |
|--|---------------------|------------------|--|------------|----------|--|--------------|--|
| First Name Andy | Last Nan | ne Root | | | | County Harney Twp 26.00 S N/S Range 30.00 E | E/W WM | |
| Company ACW | | | | | | See 3 NW 1/4 of the NW 1/4 Tax Lot 800 | | |
| Address PO Box 3 | | | | | | Tax Map Number Lot | | |
| City Burns | State OR | Zip | 97720 | | | Lat ° 0 " or | DMS or DD | |
| (2) TYPE OF WORK New Well Deepening Conversion | | | Lat 0 " or DMS or DD Long 0 " or DMS or DD | | | | | |
| Alteration (repair/reconditi | | _ | | | _ | Street address of well Nearest address | | |
| (3) DRILL METHOD | | - | | | | 29062 Weaver Spring Road | | |
| Rotary Air Rotary Mu | | uger Cab | le Mud | | | (10) STATIC WATER LEVEL | | |
| Reverse Rotary Other | | | | | _ | Date SWL(psi) + | SWL(ft) | |
| (4) PROPOSED USE | Domestic Irrig | ation Con | nmunity | | | Existing Well / Predeepening | | |
| Industrial Commercial | | atering | | | | Completed Well 02-11-2011 | _104 | |
| Thermal Injection | Other | | | | | Flowing Artesian? Dry Hole? | | |
| (5) BORE HOLE CONS | TRUCTION | Special Standa | d [| 1 ttaah | | WATER BEARING ZONES Depth water was first found | | |
| Depth of Completed Well | | speciai standa | ru, | Allach | copy | | SWL(ft) | |
| BORE HOLE | 107,00 | SEAL | | 0.2 | cks/ | 02-11-2011 104 167 3,000 | 104 | |
| Dia From To | Material | From | To A | | lbs | | | |
| 18 0 18 | Bentonite Chips | 0 | 18 | 90 | S | | | |
| 14 18 167 | | | | | | | | |
| | | | | | | (11) WELL LOG Ground Elevation | | |
| II | | | | | | Ground Elevation | | |
| How was seal placed: Metl | nodAI | 3 LC L | D [| E | | Material From Topsoil sand loam | То | |
| Other poured dr & tamped | | | | | _ | Sand cinders | | |
| Backfill placed from ft. to | t. to ft. | Material | Size | | _ | Clay cinders 6 | 60 | |
| | ft. Materi | | | | | Rock boulders 60 | 80 | |
| Explosives used: Yes Type | e A | mount | | | _ | Cinders 80 | 95 | |
| (6) CASING/LINER | _ | | | | _ | Rock besalt black 95 | 140 | |
| Casing Liner Dia + | | Gauge Stl | | | hrd | Void 140 | 145 | |
| | 1.5 60 | .250 | | | | Cinders muti colored 145 Rock broken loose and caving 160 | 160 | |
| Q = Q | | \bot | \mathcal{L} | | _ | Rock broken loose and caving 160 | _167 | |
| \mathcal{S} | | ++ | \rightarrow | Щ | - | | | |
| \times | | ++ | + | \vdash | \dashv | | | |
| | | | | Ll 1 | | | | |
| Shoe Inside Outsi | | ocation of sho | | | _ | | | |
| Temp casing Yes Dia | | | То | | _ | | | |
| (7) PERFORATIONS/SO | | | | | | | | |
| | Method | | | | _ | | | |
| Screens | Туре | Materi | al | | _ | | | |
| Perf/S Casing/ Screen | Sern | slot Slot | # of | Tele | e/ | Date Started 02-03-2011 Completed 02-11-2011 | | |
| creen Liner Dia From | To wid | th length | slots | pipe s | ize | | | |
| | | | + | _ | \dashv | (unbonded) Water Well Constructor Certification I certify that the work I performed on the construction, deepening, a | Iteration or | |
| | | | | + | \dashv | abandonment of this well is in compliance with Oregon water | | |
| | | | | T | | construction standards. Materials used and information reported above | | |
| | | | | | | the best of my knowledge and belief. | | |
| (8) WELL TESTS: Minin | num testing time | is 1 hour | | | _ | License Number Date | | |
| Pump Bailer | () Air | O Flo | wing Art | tesian | | Electronically Filed | | |
| Yield gal/min Drawdow | _ | np depth Du | ration (h | r) | | Signed | | |
| 2,800 2 | 145 | | 6 | | | (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 about | | |
| | nnalysis Yes B | | | | | performed during this time is in compliance with Oregon water construction standards. This report is true to the best of my knowledge | | |
| | Yes (describe below | | m.a.ı+ | T Territor | | • | | |
| From To | Description | A | mount | OHITS |] | License Number 1424 Date 02-18-2011 | | |
| | | | | | | Electronically Filed Signed TIMOTHY K RILEY (E-filed) | | |
| | | | | | | Contact Info (optional) | | |
| | | | | | | | | |

SALEM, ORIGINAL SALEM, OREGON OFFI

| | <u> </u> | 195 3 U MAN | Y C X TO SE SECURIO | THE COLUMN TWO IS NOT THE | ************************************** | | | | |
|--------------------|---|------------------|---------------------------------------|---------------------------|--|--|--------------------|--------------------|----------------|
| WSWS | a | HECEINE | 4 | MNMS | | | WWW | | WSWS |
| | | | 26 S 30 E | | TAX LO | | | | (0) |
| SESW | | NESW | HARN 51765 (-119.13000 ; 43.34673) | SENW | TAX LOT 1300 | | NENW | | SESW 33 |
| SWSE | | NWSE | 3) | SWNE | | | NWNE | | SWSE 25 S 30 E |
| SESE | | Z E S E | | SENE | | H/ (-119.11 | NENE | TAX LOT 800 | SESE |
| — Tax Lot Boundary | RATTLESNAKE CREEK LAND & CATTLE Exempt Well Map | WSW | ω | WWW | · · · · · · · · · · · · · · · · · · · | (-119.11703; 43.34991) •• HARN 51761 (-119.11735; 43.34984) | NWNW HARN 51760 | | swsw 34 |
| | Z Ä | None None | | SENW | | | NENW | | SESW |