| STATE OF OREGON IVIAR  | WELLID#L 48808  |
|--|---|
| WATER SUPPLY WELL REPORT (as required by ORS 537.765)  | 11125 START CARD# 141235  |
| Instructions for completing this report are on the last page of this form                              | HMENDED STANTONO 141235   |
| (1) OWNER: Well Number:  | (9) LOCATION OF WELL by legal description:  County Marion Latitude Longitude  |
| Name <u>David Obersinner</u> Address 7886 North Howell Rd.   | Township 6S N or S. Range 2W E or W. of WM.   |
| City Silverton, State OR Zip 97381   | Section 13 SE 1/4 SE 1/4  Tax lot 00600 Lot Block Subdivision   |
| (2) TYPE OF WORK:  | Street Address of Well (or nearest address) 8392 Howell Prarie Rd.  |
| New Well Deepening XAlteration (repair/recondition) Abandonn   |   |
| (3) DRILL METHOD:  | (10) STATIC WATER LEVEL:  ft. below land surface.  Date   |
|  | Artesian pressure lb. per square inch. Date   |
| (4) PROPOSED USE:  | (11) WATER BEARING ZONES:  Depth at which water was first found   |
| □ Domestic □ Community □ Industrial ☒ Irrigation   |   |
| Thermal Injection Livestock Other  | From To Estimated Flow Rate SWL   |
| (5) BORE HOLE CONSTRUCTION:  |   |
| Special Construction approval Yes XNo Depth of Completed Well Explosives used Yes XNo Type Amount      | n.  |
| HOLE SEAL Amount   | (42) MELL LOC.  |
| Diameter From To Material From To sacks or pound 15.25 0' 90' Portland MW 10'                          | nds (12) WELL LOG: Ground elevation   |
| cement 90' 76  | Material From To SWL  |
| 'Quik-Gel' (A) 10' bentonite 90' 80lbs. 5%   | This well was altered by a  |
| bentonite 0'   | resealing procedure using a 15.25in drill bit on 12in pipe.   |
| chips 10' 20 sacks   | An air rotary powered the   |
| How was seal placed: Method A XB XC D E  | pipe-bit downward to a depth of<br>90'. Tremie pipe, half-inch  |
| Backfill placed from ft. to ft. Material   | i.d., was installed to 90' then   |
| Gravel placed from ft. to ft. Size of gravel   | cement was mixed and pumped to  |
| (6) CASING/LINER: Diameter From To Gauge   Steel Plastic Welded Three                                  | the bottom then filled the the 15.25in  |
| Casing: 12in -1 64' .25 🗴 🗆 🛣  | annulus as the 12in pipe was  |
|  |   |
|  | (bgs), the bit could not be   |
| Liner:   | pulled through a caved portion of the formation. Grout was tremied  |
| Drive Shoe used  | into the 12in and pressurized to  |
| Final location of shoe(s)  |   |
| (7) PERFORATIONS/SCREENS:  | JUN 2 4 2002  |
| Perforations Method Screens Type Material  |   |
| Slot Tele/pipe   | WATER RESOURCES DEPT. SALEM, OREGON   |
| From To size Number Diameter size Casing Lin   | er  |
|  | Continued on next page  Date started 5/16/02 Completed 5/22/2002  |
|  | (unbonded) Water Well Constructor Certification:  |
|  | (unbonded) water well constructor certification:<br>  I certify that the work I performed on the construction, alteration, or abandon-                            |
| (8) WELL TESTS: Minimum testing time is 1 hour   | ment 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 |
| □Pump □Bailer □Air □Flowing Artes  | sian knowledge and belief.  |
| Yield gal/min Drawdown Drill stem at Time  | Signed on Machine Date 5/22/02  |
| Yield gal/min Drawdown Drill stem at Time  1 hr.   | - Organia John 1 Vice Market  |
|  | (bonded) Water Well Constructor Certification:  |
|  | I accept responsibility for the construction, alteration, or abandonment work   |
| Temperature of Water Depth Artesian Flow found   | performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well           |
| Was a water analysis done? Yes By whom   | construction standards. This report is true to the best of my knowledge and belief.   |
| Did any strata contain water not suitable for intended use? Too little  Salty Muddy Odor Colored Other | Signed   WWC Number 633   Date 5/22/2002  |
| Depth of strata:   | Michael Waldroop  |

MARI

56557

MARI 56557

WELL ID#L 48808

START CARD# 141235 (as required by ORS 537.765) Instructions for completing this report are on the last page of this form (9) LOCATION OF WELL by legal description: (1) **OWNER**: Well Number: Longitude County Latitude <u>Marion</u> Name David Obersinner N or S. Range E or W. of WM. Township Address 7886 North Howell Rd. Section 13 SE State OR Zip 97381 Silverton, Tax lot 00600 Block Subdivision Street Address of Well (or nearest address) 8392 Howell Prarie Rd. (2) TYPE OF WORK: NE Silverton, Or. 97381 X Alteration (repair/recondition) Abandonment New Well Deepening (10) STATIC WATER LEVEL: (3) DRILL METHOD: Date ft. below land surface Date lb. per square inch. Cable Auger Artesian pressure X Rotary Air Rotary Mud Other (11) WATER BEARING ZONES: (4) PROPOSED USE: Depth at which water was first found X Irrigation Community Industrial Domestic SWL **Estimated Flow Rate** Other From Thermal Injection Livestock (5) BORE HOLE CONSTRUCTION: Special Construction approval Yes X No Depth of Completed Well Explosives used Yes X No Type Amount HOLE SEAL (12) WELL LOG: sacks or pounds Material From Diameter From To Ground elevation 0, Portland **90**. 15.25 0, cement 90. 76 SWL From Τo Material 0 'Quik-Gel' This well was altered by a 90' 80lbs. bentonite resealing procedure using a 0, bentonite 15.25in drill bit on 12in pipe. 10' 20 sacks chips An air rotary powered the XB X C How was seal placed: Method A E pipe-bit downward to a depth of 90'. Tremie pipe, half-inch Other i.d., was installed to 90' then Backfill placed from ft. Material ft. to ft. Size of gravel cement was mixed and pumped to Gravel placed from ft. to (6) CASING/LINER: the bottom Welded Threaded Diameter Gauge **Plastic** then filled the the 15.25in X 64 .25 12in annulus as the 12in pipe was extracted. When the pipe was П within 64' below ground surface (bgs), the bit could not be pulled through a caved portion of Liner: П the formation. Grout was tremied Inside Outside None into the 12in and pressurized to Drive Shoe used Final location of shoe(s) (7) PERFORATIONS/SCREENS: MAY 7 A 2002 Perforations Method Material WATER RESOURCES DEPT SALEM OREGON Screens Туре Tele/pipe From То Number Diameter Casing Liner Continued on next page Date started 5/16/02 Completed 5/22/2002 (unbonded) Water Well Constructor Certification: I certify that the work I performed on the construction, alteration, or abandon-ment of this well is in compliance with Oregon water supply well construction (8) WELL TESTS: Minimum testing time is 1 hour standards. Materials used and information reported above are true to the best of my Flowing Artesian knowledge and belief. Bailer Pump Drill stem at Time Yield gal/min Drawdown 1 hr. (bonded) Water Well Constructor Certification: I accept responsibility for the construction, 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 Depth Artesian Flow found Temperature of Water construction standards. This report is true to the best of my knowledge and belief. Was a water analysis done? Yes By whom WWC Number 633 Did any strata contain water not suitable for intended use?

Salty Muddy Odor Colored Other

Depth of strata:

STATE OF OREGON

WATER SUPPLY WELL REPORT

Michael Waldroop

Date 5/22/2002

## STATE OF OREGON ATER SUPPLY WELL REPORT

(as required by ORS 537.765)

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

| WELL ID # L | 48808 |
|-------------|-------|
|-------------|-------|

| START CARD# | _141235 |  |  |  |  |
|-------------|---------|--|--|--|--|
|             | Page 2  |  |  |  |  |

| Name David   | 1 Oh      | -1            | ,                | well No     | ımber:          | ***             |                    | (9) LOCATION OF  | WELL by legal d                    | escrip      | tion:                    |                     |              |
|--|-----------|---------------|------------------|-------------|-----------------|-----------------|--------------------|--|------------------------------------|-------------|--------------------------|---------------------|--------------|
| Address 7886   | North     | <u>Howell</u> | Rd.              |             |                 |                 |                    |  | N or S. Range                      | Latitude 2W |                          | Longitu<br>or W. of |              |
| City Silver  | rton,     |               |                  | State       | OR 3            | Zip <b>9738</b> | ;1                 | Section 13   | SE                                 | 1/4         | SE                       | J. 11. U.           | 1/4          |
| (2) TYPE OF  |           |               |                  |             |                 |                 |                    | Tax lot 00600  | Lot Block                          |             | Subdi                    | ivision             |              |
| New Well   |           |               | Alteration (re   | pair/rec    | onditio         | n) 🗆 Ab         | pandonmen          | NE Silverton,  | ell (or nearest address) Or. 97381 | 8392 F      | Howell                   | <u>Prarie</u>       | Rd.          |
| (3) DRILL ME   | THOD      |               |                  |             | *****           |                 |                    | (10) STATIC WAT  |                                    |             |                          |                     |              |
| Rotary Air Rotary Mud Cable Auger  |           |               |                  |             |                 | ft. b           | elow land surface. |  |                                    | Date        |                          |                     |              |
| Other  |           |               |                  |             |                 |                 |                    | Artesian pressure  |                                    | square in   | ch. [                    | Date                |              |
| (4) PROPOSI  | ED US     | E:            |                  |             |                 |                 |                    | Depth at which water   |                                    |             |                          |                     |              |
| Domestic Community Industrial Irrigation Thermal Injection Livestock Other |           |               |                  |             |                 | From            | To To              | Feti   | mated Flo                          | Data        |                          |                     |              |
| (5) BORE HO  | LE CO     | NSTRU         | CTION:           |             | •               |                 |                    | -  |                                    |             | mateur it                | W Rate              | SW           |
| Special Construct  | ion appre | oval []Y      | es · 🔲 No        | Depth o     | of Com          | pleted Wel      | il f               |  |                                    | +-          |                          |                     | +-           |
| Explosives used HOLE   | Yes       | No T          | ypeSEAL          |             | _ Amo           |                 |                    |  |                                    |             |                          |                     |              |
| Diameter From  | То        |               | SEAL<br>Material | From        | То              |                 | nount<br>or pounds | (12) WELL LOG:   |                                    |             |                          |                     |              |
|  | ļ         |               |                  |             |                 |                 |                    |  | Ground e                           | levation    |                          |                     |              |
|  |           |               |                  |             |                 |                 |                    |  | Material                           |             | From                     | To                  | SWI          |
|  |           |               |                  |             |                 |                 |                    | cause the grout to 24'. A tremie pipe                        | move upward to                     | )           | -                        |                     |              |
|  |           |               |                  |             |                 |                 |                    | 24' on the inside a  | nd outside of                      |             | -                        | <del> </del>        |              |
| low was seal place   | ced: Met  | bod 🗆 A       | В                | C [         | ] <b>D</b> Γ    | ] <b>E</b>      |                    | the 12in pipe. The   | grout level                        |             | <del></del>              | +                   | <del> </del> |
| Other  |           |               | را               | , C         | ی <b>ا ح</b> ال | )E              |                    | was brought to su  | rface on inside                    |             |                          |                     |              |
| ackfill placed from  |           | ft. to        | ft. N            | /laterial   |                 |                 |                    | of the 12in. The of filled with bentonit                     | utside was                         |             |                          |                     |              |
| ravel placed from  |           | ft. to        | ft. S            | Size of g   | ravel           |                 |                    | 10'bgs to the surfa  | e chips from                       |             | <del> </del>             |                     | ļ            |
| 6) CASING/LI<br>Diamete  | NER:      | m To          | Causa i St       |             |                 |                 |                    | The 12in. pipe was   | left in the                        |             | <del> </del>             | -                   | <del> </del> |
| Casing:  | r Froi    | m 10          | Gauge Ste        |             |                 | Welded          | Threaded           | ground enclosed i  | n cement and                       |             |                          | <del> </del>        | <del> </del> |
|  |           |               |                  |             |                 |                 |                    | bentonite.   |                                    |             |                          |                     |              |
|  |           |               |                  |             |                 |                 |                    |  |                                    |             | ļ                        |                     |              |
|  |           | _             |                  |             |                 |                 |                    |  |                                    |             | ļ                        |                     |              |
| iner:  | -         |               | [                |             |                 |                 |                    |  |                                    |             | -                        |                     |              |
| rive Shoe used   | Insi      | de 🗆          | Outside          | None        |                 |                 |                    |  |                                    |             | 1                        |                     | -            |
| inal location of sh  |           |               | - Calorido       | jivone      |                 |                 |                    |  |                                    | RE          |                          | 1/10                |              |
| ) PERFORA  | TIONS     | SCREE         | NS:              | 7.0         | -               |                 |                    |  |                                    | 111         |                          | IVE                 | U            |
| Perforations   |           | Method        | 110.             |             |                 |                 |                    |  |                                    | М           | AY 2                     | 0 200               | 2            |
| Screens  | -         | Туре          |                  | Mat         | erial           |                 |                    |  |                                    | i           | i [                      |                     |              |
| _  | Slot      |               |                  | Tele/pi     | pe              |                 |                    |  |                                    | WATEH       | RESO                     | JACES               | DEPT         |
| From To  | size      | Number        | Diameter         | size        |                 | Casing          | Liner              |  |                                    | - 54        | ALEM, (                  | DHEGO               | N            |
|  |           | ·             | -                |             |                 |                 |                    |  |                                    |             |                          |                     |              |
|  |           |               |                  |             |                 |                 |                    | Date started 5/16/02   | Comr                               | oleted 51   | /22/2002                 |                     |              |
|  |           |               |                  |             |                 | Ö               |                    | (unbonded) Water We  |                                    |             |                          |                     |              |
|  |           |               |                  |             |                 |                 |                    | I certify that the work I pe                                 | rformed on the construc            | ncation:    | :<br>eration or          | ahandar             |              |
| ) WELL TEST  | TS: Mir   | nimum (       | estina tim       | e is 1      | hour            |                 |                    | ment of this well is in comp                                 | liance with Oregon wat             | ter supply  | well cons                | struction           |              |
| Pump   | Bai       |               | ∏Air             |             | _               | Flowing A       | Artesian           | standards. Materials used<br>knowledge and belief.           | and information reporte            | d above a   | are true to              | the best            | of my        |
| Yield gal/min  | Draw      | down          | Drill sten       | n at        |                 | Time            |                    | 14   |                                    | ww          | VC Numbe<br>e            | er <i>14</i>        | 154          |
|  |           |               |                  |             | <del></del>     | Time            |                    | Signed //  | 1.9                                | Date        | e                        |                     |              |
|  |           |               | ļ                |             | -               |                 |                    | <del></del>  |                                    |             |                          |                     |              |
|  |           |               |                  |             | <del> </del>    |                 |                    | (bonded) Water Well C  | onstructor Certifica               | tion:       |                          |                     |              |
|  |           |               |                  |             |                 |                 | i                  | I accept responsibility for<br>performed on this well during | une construction, altera           | ition, or a | abandonn                 | nent worl           | k            |
| mperature of Wat   |           |               | Depth Artesian   | Flow fo     | ound            |                 |                    | performed during this time                                   | is in compliance with O            | s reporte   | d above.                 | All wor             | k            |
| as a water analysi   |           |               | By whom          |             |                 |                 |                    | construction standards. Th                                   | is report is true to the h         | est of my   | ici supply<br>/ knowledi | y well<br>de and h  | elief        |
| l any strata contai<br>SaltyMuddy  | n water r | not suitable  |                  |             | Пт              | oo little       |                    | 1/1/11/11/11   | 1/1201.                            |             | C Numbe                  |                     | unei.        |
| Sany   Muddy<br>pth of strata:   |           | ior [_∫C      | olored C         | Other       |                 |                 |                    | Signed ////////////////////////////////////                  | XWWWW/                             | Date        | 5/22/2                   | 002                 |              |
|  |           |               |                  |             |                 |                 |                    | Michael Waldr  | dop 7                              |             |                          |                     |              |
| RIGINAL - WAT  | ER RES    | SOURCE        | S DEPARTM        | <b>JENT</b> | FIR             | RST COP         | Y - CONS           | TRUCTOR SECOND   | COPY - CUSTOME                     | R           | <del></del>              |                     |              |