STATE OF OREGON WATER SUPPLY WELL REPORT (as required by ORS 537.765 & OAR 690-205-0210) **DESC 57329** 04-12-2006

Page 1 of 2

| WELL LABEL # L | 81813  |  |
|----------------|--------|--|
| START CARD#    | 181668 |  |

| (1) LAND OWNER Owner Well I.D.  | (9) LOCATION OF WELL (legal description)   |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|
| First Name Last Name  | County Deschutes Twp 16.00 S N/S Range 12.00 E E/W WM  |  |  |  |  |  |  |
| Company HAP TAYLOR AND SONS   | Sec 31 NW 1/4 of the SE 1/4 Tax Lot 400  |  |  |  |  |  |  |
| Address PO BOX 83   | Tax Map Number Lot   |  |  |  |  |  |  |
| City BEND State OR Zip 97709  | Lat 44 ° 8 '14.000" or 44.13722222 DMS or DD   |  |  |  |  |  |  |
|   | Long -121 °19 '15.000" or -121.32083333 DMS or DD  |  |  |  |  |  |  |
| (2) TYPE OF WORK New Well Deepening Conversion  | Street address of well Nearest address   |  |  |  |  |  |  |
| Alteration (repair/recondition) Abandonment   | Street addless of well   Lacquest addless  |  |  |  |  |  |  |
| (3) DRILL METHOD  | 6543 W HWY 20  |  |  |  |  |  |  |
| Rotary Air Rotary Mud Cable Auger Cable Mud   |  |  |  |  |  |  |  |
| Reverse Rotary Other  | (10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft)  |  |  |  |  |  |  |
|   | Existing Well / Predeepening   |  |  |  |  |  |  |
| (4) PROPOSED USE Domestic Irrigation Community  | Completed Well 04-12-2006 399  |  |  |  |  |  |  |
| ☐ Industrial/ Commercial ☐ Livestock ☐ Dewatering   | Flowing Artesian?  |  |  |  |  |  |  |
| Thermal Injection Other FIRE  | WATER BEARING ZONES Depth water was first found 440  |  |  |  |  |  |  |
| (5) BORE HOLE CONSTRUCTION Special Standard Attach copy                                   |  |  |  |  |  |  |  |
| Depth of Completed Well _590.00 ft.   | SWL Date From To Est Flow SWL(psi) + SWL(ft)  03-30-2006   440   480   50   399  |  |  |  |  |  |  |
| BORE HOLE SEAL sacks/   | 02 20 2006 525 500 200   |  |  |  |  |  |  |
| Dia From To Material From To Amt lbs  |  |  |  |  |  |  |  |
| 16 0 98 Cement 0 98 514 S   |  |  |  |  |  |  |  |
| 12 98 320   |  |  |  |  |  |  |  |
| 10 320 630  | (4) WELL LOG   |  |  |  |  |  |  |
|   | (11) WELL LOG Ground Elevation 3,180   |  |  |  |  |  |  |
| How was seal placed: Method A B C D E   | Material From To   |  |  |  |  |  |  |
| Other   | Gravels 0 2  |  |  |  |  |  |  |
| Backfill placed from ft. to ft. Material  | Lava Cobbles 2 18  |  |  |  |  |  |  |
| Filter pack from ft. to ft. Material Size   | Pumice Gravels Clay 18 36  |  |  |  |  |  |  |
| Explosives used: Yes Type Amount  | Sand Brown 36 51   |  |  |  |  |  |  |
| DOS ANAMONINA CARACTERISTA  | Clay Silt red brown         51         62           Cinders Red         62         68  |  |  |  |  |  |  |
| (6) CASING/LINER Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd                      | Pumice 68 79   |  |  |  |  |  |  |
|   | Lava Red 79 115  |  |  |  |  |  |  |
| 12  | Crevice 115 120  |  |  |  |  |  |  |
| 8 2 590 188   | Medium 120 138   |  |  |  |  |  |  |
| R R P P P P P P P P P P P P P P P P P P   | Crevice 138 142  |  |  |  |  |  |  |
| R X H H R X H H   | Red Brown Clay Layers 142 180  |  |  |  |  |  |  |
|   | Conglomerate Sand layers Caving 180 225  |  |  |  |  |  |  |
| Shoe Inside Outside Other Location of shoe(s)   | Sandstone Gray         225         240           Lava Basalt         240         335   |  |  |  |  |  |  |
| Temp casing         Yes         Dia         From         To                               | Lava Basalt         240         335           Sandstone Brown         335         350  |  |  |  |  |  |  |
| (7) PERFORATIONS/SCREENS  | Lava Broken 350 365  |  |  |  |  |  |  |
| Perforations Method MACHINE   | Lava Gray 365 388  |  |  |  |  |  |  |
| Screens Type Material   | Sandstone Brown 388 480  |  |  |  |  |  |  |
| Perf/ Casing/Screen Scm/slot Slot # of Tele/  |  |  |  |  |  |  |  |
| Screen Liner Dia From To width length slots pipe size                                     | Date Started 02-13-2006 Completed 04-05-2006   |  |  |  |  |  |  |
| Perf Liner 8 490 590 .125 3 1,520   | (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 758 Date 04-12-2006   |  |  |  |  |  |  |
| Pump Bailer Air Flowing Artesian  | Electronically Filed   |  |  |  |  |  |  |
| Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)                                | Signed THOMAS R PECK (E-filed)   |  |  |  |  |  |  |
| 200 590 2   | (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. All work   |  |  |  |  |  |  |
| Temperature 52 °F Lab analysis Yes By   | performed during this time is in compliance with Oregon water supply well  |  |  |  |  |  |  |
| Water quality concerns? Yes (describe below)  | construction standards. This report is true to the best of my knowledge and belief.  |  |  |  |  |  |  |
| From To Description Amount Units  | License Number 1720 Date 04-12-2006  |  |  |  |  |  |  |
|   | Electronically Filed   |  |  |  |  |  |  |
|   | Signed JACK ABBAS (E-filed)  |  |  |  |  |  |  |
|   | Contact Info (optional)  |  |  |  |  |  |  |
| ORIGINAL - WATER RESOURCES D THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTM | - 1975年170日 (1975年1715年) 日 - 1975年17日 (1975年) 日 - 1975年17日 (1975年) 日 - 1975年17日 (1975年) 日 - 1975年 (1 |  |  |  |  |  |  |

## **DESC 57329**

WATER SUPPLY WELL REPORT - continuation page

DESC 57329 04-12-2006 WELL I.D. # L 81813

Page 2 of 2

START CARD # 181668

|       |               |          |                 |            | 9         |           | 011    | 2 2000  |               |              |           |          |   |        |
|-------|---------------|----------|-----------------|------------|-----------|-----------|--------|---|---------------|--------------|-----------|----------|---|--------|
| ) BO  | RE HO         | DLE CO   | NSTRUCTION      |            |           |           |        | (10) STATIO   | WATER         | LEVEL        |           |          |   |        |
|       | ORE HO        |          |                 | SEAL       |           | S         | acks/  | Water Bea   |               |              |           |          |   |        |
| Dia   | From          | To       | Material        | From       | To        | Amt       |        | NONCTS OF THE PROPERTY OF THE | ing mones     |              |           |          |   |        |
|       |               |          |                 |            |           |           |        | SWL Date  | From          | То           | Est Flow  | SWL(psi) | + | SWL(ft |
|       |               |          |                 |            |           |           |        |   |               |              | -         |          | H |        |
|       | _             |          |                 |            |           | -         |        |   | _             |              | -         | _        | H |        |
|       |               | -        |                 | -          |           |           |        | ]   |               | -            | -         |          | H |        |
|       |               |          |                 | 15055      |           |           |        |   | _             |              | -         | -        | H |        |
|       |               |          |                 |            |           |           |        |   |               |              |           |          | H |        |
|       |               |          |                 |            |           |           |        |   |               |              |           |          |   |        |
|       | FILTER        | R PACK   |                 |            |           |           |        | l — —   |               |              |           |          |   |        |
| F     | rom           | To N     | faterial Size   |            |           |           |        |   |               |              |           |          |   |        |
|       |               |          |                 |            |           |           |        |   |               |              |           |          |   |        |
|       |               |          |                 |            |           |           |        |   |               |              | - 1U - 51 |          |   |        |
| L     |               |          |                 |            |           |           |        | (11) WELL   | 1.00          |              |           |          |   |        |
|       | CINC          | LINED    | 1000000         |            |           |           |        | (11) WELL   | LOG           |              |           |          |   |        |
| CA    | SING          | LINER    |                 |            |           |           |        |   | Material      |              |           | From     |   | To     |
| asin  | g Liner       | Dia -    | From To         | Gauge      | Stl Plsto | Wld T     | hrd    | Basalt soft   |               |              | 10 10     | 480      |   | 535    |
| 0     |               |          |                 |            | 00        |           | П      | Sandstone Brow  |               |              |           | 535      | _ | 560    |
| X     | =             |          |                 |            | 00        |           |        | Lava Clay Sean  | ns Red Purple |              |           | 560      | _ | 590    |
| 3     | =             | -        |                 |            | 00        | П         |        | -   |               |              | -         | -        | _ |        |
| 3     | $\overline{}$ |          |                 |            | 00        |           |        |   |               |              |           |          | - |        |
| 5     |               |          |                 |            | 00        | П         |        |   |               |              |           | +        | _ |        |
| 0     |               |          |                 |            | 00        |           |        |   |               |              | _         |          |   |        |
| O     |               |          |                 |            | 00        |           |        |   | 1000          |              |           |          |   |        |
| Ö     |               |          |                 |            | OO        | П         |        |   |               |              |           |          |   |        |
| 0     | O             |          |                 |            | OO        | П         |        |   | 700           |              | 170       |          |   |        |
|       |               |          |                 |            |           |           | _      |   |               |              |           |          |   |        |
|       |               |          |                 |            |           |           |        |   |               |              |           |          |   |        |
|       |               |          |                 |            | 77.5      |           |        | 1 12  |               |              |           |          | _ |        |
|       |               |          |                 |            |           |           |        |   |               |              |           | -        | _ |        |
| ) PE  | RFOR          | ATION    | S/SCREENS       |            |           |           |        | \ <del></del>   |               |              |           | -        | - |        |
|       | Casing/ Sc    |          |                 |            |           |           | Tele/  |   |               | -            |           | -        |   |        |
| een I | iner I        | Dia 1    | From To         | vidth le   | ngth s    | lots pip  | e size | _   |               |              | _         | _        | - |        |
| -     |               |          |                 | _          |           | -         |        |   |               |              | -         |          |   |        |
| -     | _             |          |                 |            |           | -         |        |   |               |              |           |          |   |        |
| +     | _             | _        |                 | -          | _         | _         | _      |   |               |              |           |          |   |        |
| -     | _             | _        |                 | _          | _         | _         |        |   |               |              |           |          |   |        |
| +     |               | +        |                 |            |           | -         |        |   | 1000          |              |           |          |   |        |
| +     |               |          |                 |            |           | _         |        |   |               |              | 2100      | 7        |   |        |
|       |               |          |                 |            |           |           |        |   |               |              |           |          |   |        |
|       |               |          |                 |            |           |           |        |   |               |              |           |          |   |        |
|       |               |          |                 |            |           |           |        |   |               |              |           |          |   |        |
| _     | _             |          |                 |            |           |           |        |   |               |              |           |          |   |        |
|       |               |          |                 |            | 4         |           |        |   |               |              |           |          |   |        |
| WI    | ELL TE        | ESTS: N  | linimum testing | time is 1  | hour      |           |        |   |               |              |           |          |   |        |
| 'ield | gal/min       | Drawd    | own Drill stem/ | Pump depth | n Dur     | ation (hr | )      |   | n .           |              |           |          |   |        |
|       |               |          |                 |            |           |           |        | Comments/   | Remarks       |              |           |          |   |        |
|       |               |          |                 | 202        |           |           |        |   |               |              |           |          |   | -      |
|       | 0.000         |          |                 | 2,52       |           |           |        |   |               |              |           |          |   |        |
|       |               |          |                 |            | - 0       |           |        |   |               |              |           |          |   |        |
|       | 17            |          |                 |            |           |           |        |   |               |              |           |          |   |        |
| KG    | -             |          |                 |            |           |           |        | 4 yrds sand g   | rout 40 - 160 | feet         |           |          |   |        |
| Was   | tor Qual      | ity Como | orne            |            |           |           |        | 8 yrds 22 sac   | k 140 - 175 f | eet          |           |          |   |        |
|       |               | ity Conc |                 |            | A ======  | . 11mir-  |        | 7 1/2 yrds sar  | nd grout 105  | - 200 feet   |           |          |   |        |
| Fron  | n             | Го       | Description     | 2          | Amoun     | t Units   |        | 12 yrds 22 sa   | ck cement 18  | 0 - 220 feet |           |          |   |        |
| -     |               |          |                 |            |           | _         |        | 6 yrds sand g   |               | ) feet       |           |          |   |        |
|       | _             |          |                 |            |           |           | _      | 10 " bit at 590   | 0 foot        |              |           |          |   |        |
|       |               |          |                 |            |           | -         | -      |   |               |              |           |          |   |        |
|       |               |          |                 |            |           |           |        |   |               |              |           |          |   |        |