

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

DESC 59860

WELL I.D. LABEL# L 109645
START CARD # 1021578
ORIGINAL LOG #

12/18/2013

(1) LAND OWNER
Owner Well I.D.
First Name
Last Name
Company OREGON MILITARY DEPARTMENT
Address P.O. BOX 14350
City SALEM State OR Zip 97309-5047

(2) TYPE OF WORK
[X] New Well [ ] Deepening [ ] Conversion
[ ] Alteration (complete 2a & 10) [ ] Abandonment (complete 5a)

(2a) PRE-ALTERATION
Dia + From To Gauge Stl Plstc Wld Thrd
Casing:
Material From To Amt sacks/lbs
Seal:

(3) DRILL METHOD
[X] Rotary Air [ ] Rotary Mud [X] Cable [ ] Auger [ ] Cable Mud
[ ] Reverse Rotary [ ] Other

(4) PROPOSED USE
[X] Domestic [ ] Irrigation [ ] Community
[ ] Industrial/ Commercial [ ] Livestock [ ] Dewatering
[ ] Thermal [ ] Injection [ ] Other

(5) BORE HOLE CONSTRUCTION
Special Standard (Attach copy)
Depth of Completed Well 600.00 ft.

Table with columns: Dia, From, To, Material, SEAL, Amt, lbs. Row 1: 15, 0, 59, Cement, 0, 59, 36, S

How was seal placed: Method [ ] A [ ] B [X] C [ ] D [ ] E
[ ] Other

Backfill placed from ft. to ft. Material
Filter pack from ft. to ft. Material Size

Explosives used: [ ] Yes Type Amount

(5a) ABANDONMENT USING UNHYDRATED BENTONITE
Proposed Amount Actual Amount

(6) CASING/LINER
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd
Shoe [ ] Inside [ ] Outside [ ] Other Location of shoe(s)
Temp casing [ ] Yes Dia From To

(7) PERFORATIONS/SCREENS
Perforations Method
Screens Type Wire Wrap Material Stainless
Perf/ Casing/ Screen
Screen Liner Dia From To Scrn/slot Slot # of Tele/
Screen Liner 5.63 517 597 .02 length slots pipe size

(8) WELL TESTS: Minimum testing time is 1 hour
[X] Pump [ ] Bailer [ ] Air [ ] Flowing Artesian
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)
26 .5' 508' 4

Temperature 54 °F Lab analysis [X] Yes By Umpqua Labs
Water quality concerns? [ ] Yes (describe below) TDS amount
From To Description Amount Units

(9) LOCATION OF WELL (legal description)
County DESCHUTES Twp 15.00 S N/S Range 13.00 E E/W WM
Sec 23 SE 1/4 of the NE 1/4 Tax Lot 116
Tax Map Number Lot
Lat " or 44.25600000 DMS or DD
Long " or -121.13300000 DMS or DD

Street address of well Nearest address
2899 HIGHWAY 126 EAST
REDMOND, OREGON 97756

(10) STATIC WATER LEVEL
Date SWL(psi) + SWL(ft)
Existing Well / Pre-Alteration
Completed Well 10/30/2013 341
Flowing Artesian? [ ] Dry Hole? [ ]

WATER BEARING ZONES Depth water was first found 341.00
SWL Date From To Est Flow SWL(psi) + SWL(ft)

Table with columns: Date, SWL(psi), SWL(ft). Row 1: 10/30/2013, 341, 600, 250, 341

(11) WELL LOG
Ground Elevation 3055.00
SALEM, OR
From To
Top Soil & Broken Rock 0 1
Hard Gray Basalt 1 75
Hard Gray Basalt with some fractures 75 97
Broken Gray Basalt 97 101
Hard Gray Basalt 101 140
Brown Sandstone 140 165
Broken Lava & Pumice 165 180
Lost Circulation Void 180 190
Medium Soft? 190 205
Loose Soft Broken 205 210
Hard Gray Basalt? 210 236
Broken? 236 244
Firm to Soft 244 273
Return Back Brown Sandstone 273 313
Red Cinders Brown & Black Sandstone 313 342
Fine Black Sand 342 425
Black Sandstone 425 486
Brown Sandstone Tuft 486 515
Brown Sandstone with some Gravel Layers 515 600

Date Started 11/1/2013 Complete 12/5/2013

(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.

License Number Date
Signed

(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 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.

License Number 1385 Date 12/18/2013
Signed ROBERT BUCKNER (E-filed)
Contact Info (optional)