



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

DESC 59549 8/15/2012

WELL I.D. LABEL# 109021 START CARD # 1017117 ORIGINAL LOG #

(1) LAND OWNER Owner Well I.D. First Name C&S CONSTRUCTION Last Name Company CASCADE ACADEMY OF CENTRAL OREGON Address 1506 NE 1ST ST UNIT 1 City BEND State OR Zip 97701

(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 [] Cable [] Auger [] Cable Mud [] Reverse Rotary [] Other

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

(5) BORE HOLE CONSTRUCTION Special Standard (Attach copy) Depth of Completed Well 676.00 ft. BORE HOLE SEAL sacks/lbs

Table with columns: Dia, From, To, Material, From, To, Amt, Sacks/lbs. Row 1: 12, 0, 498, Cement, 0, 498, 220, S. Row 2: 8, 498, 676.

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

Table with columns: Casing, Liner, Dia, From, To, Gauge, Stl, Plstc, Wld, Thrd. Row 1: 8, 2, 498, 250, [X]. Row 2: 6, 476, 676, 188, [X].

(7) PERFORATIONS/SCREENS Perforations Method MACHINE Screens Type Material

Table with columns: Perf, Casing/Screen, Liner, Dia, From, To, Scrn/slot width, Slot length, # of slots, Tel./pipe size. Row 1: 6, 636, 676, .125, 3, 456.

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

Table with columns: Yield gal/min, Drawdown, Drill stem/Pump depth, Duration (hr). Row 1: 100, 670, 2.

Temperature 55 °F Lab analysis [] Yes By Water quality concerns? [] Yes (describe below) TDS amount From To Description

(9) LOCATION OF WELL (legal description) County DESCHUTES Twp 17.00 S N/S Range 12.00 E E/W WM Sec 6 SW 1/4 of the NE 1/4 Tax Lot 701 Tax Map Number Lot

(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft) Existing Well / Pre-Alteration Completed Well 8/9/2012 510 Flowing Artesian? [] Dry Hole? []

WATER BEARING ZONES Depth water was first found 350.00 SWL Date From To Est Flow SWL(psi) + SWL(ft) 8/2/2012 350 360 5 300 8/3/2012 620 676 100 510

(11) WELL LOG Ground Elevation Material From To SAND COBBLES 0 1 LAVA HARD 1 30 PUMICE BROWN 30 36 BASALT 36 70 PUMICE BROWN 70 76 BASALT TUFF PUMICE MIX 76 110 LAVA 110 130 PUMICE BROWN 130 170 BASALT BROKEN CAVING 170 208 BASALT SOLID 208 228 SAND CINDERS 228 240 BASALT 240 254 LAVA GRAY HARD 254 314 BASALT RED BROWN 314 353 LAVA GRAY HARD 353 370 BASALT CLAY SEAMS 370 395 BASALT GRAY 395 415 BASALT CLAY SEAMS 415 440 BASALT CINDERS 440 485

Date Started 7/31/2012 Complete 8/9/2012

(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. License Number 758 Date 8/15/2012

Signed THOMAS R PECK (E-filed)

(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. License Number 1720 Date 8/15/2012

Signed JACK ABBAS (E-filed) Contact Info (optional)

RECEIVED BY OWRD

OCT 05 2012

