

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

DESC 59906

WELL I.D. LABEL# L 112240 START CARD # 1022052 ORIGINAL LOG #

2/13/2014

(1) LAND OWNER: BLACK BUTTE RANCH utilities, Owner Well I.D., First Name, Last Name, Company, Address, City, State, Zip

(2) TYPE OF WORK: [X] New Well, [] Deepening, [] Conversion, [] Alteration, [] Abandonment

(2a) PRE-ALTERATION: Dia, From, To, Gauge, Stl, Plstc, Wld, Thrd, 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 TEST HOLE

(5) BORE HOLE CONSTRUCTION: Special Standard, Depth of Completed Well 325.00 ft.

Table with columns: Dia, From, To, Material, SEAL, From, To, Amt, sacks/lbs

How was seal placed: Method [X] Other POURED DRY, Backfill placed from, Filter pack from, Explosives used

(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

(7) PERFORATIONS/SCREENS: Perforations Method, Screens Type, Material, Perf/ Screen, Casing/ Liner, Dia, From, To, Scrn/slot width, Slot length, # of slots, Tele/ pipe size

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

Table for well tests: Temperature, Water quality concerns, From, To, Description, Amount, Units

(9) LOCATION OF WELL (legal description): County, Twp, S, N/S, Range, E, E/W WM, Sec, SE, 1/4 of the, NE, 1/4, Tax Lot, Tax Map Number, Lot, Lat, Long, Street address of well, Nearest address

(10) STATIC WATER LEVEL: Existing Well / Pre-Alteration, Completed Well, Date, SWL(psi), SWL(ft), Flowing Artesian?, Dry Hole?

Table for water bearing zones: SWL Date, From, To, Est Flow, SWL(psi), SWL(ft)

(11) WELL LOG: Material, From, To, FILL FINE GRAVELS SILT, GRAVELS CLAY, LAVA GRAY, LAVA BROKEN BROWN, LAVA GRAY SOFT, LAVA BROKEN BROWN, LAVA GRAY HARD, LAVA RED BROWN, LAVA GRAY FRACTURED LAYERS, LAVA RED BROWN, LAVA GRAY, LAVA GRAY SOFT, SANDSTONE, BASALT MEDIUM, BASALT HARD, CINDERS BROKEN BASALT CAVING

Date Started 1/27/2014, Sample On 2/8/2014

(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 2/11/2014, 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 2/13/2014, Signed JACK ABBAS (E-filed)

