

DESC 1805

SEP - 5 1989

OCT 04 1989 145/9E/9C

STATE OF OREGON WATER WELL REPORT (as required by ORS 537.765)

WATER RESOURCES DEPT. WATER RESOURCES DEPT. SALEM, OREGON

State Well # 145/9E9C (START CARD) # 9609

(1) OWNER: Well Number: 1 Name Black Butte Ranch Inc Address P.O. Box 800 City Black Butte Ranch State Ore Zip 97259

(2) TYPE OF WORK: [ ] New Well [ ] Deepen [x] Recondition [ ] Abandon

(3) DRILL METHOD: [ ] Rotary Air [ ] Rotary Mud [ ] Cable [x] Other

(4) PURPOSE: [ ] Domestic [x] Community [ ] Industrial [ ] Irrigation [ ] Thermal [ ] Injection [ ] Other

(5) BORE HOLE CONSTRUCTION: Special Construction approval Yes No Depth of Completed Well ft. Explosives used [ ] [ ] Type Amount

Table with columns: HOLE Diameter, SEAL From, To, Material, Amount sacks or pounds

How was seal placed: Method [ ] A [ ] B [ ] C [ ] D [ ] E Backfill placed from ft. to ft. Material Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER: Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded

Final location of shoe(s)

(7) PERFORATIONS/SCREENS: [ ] Perforations Method [ ] Screens Type Material

Table with columns: From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner

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

Temperature of water Depth Artesian Flow Found Was a water analysis done? [ ] Yes By whom Did any strata contain water not suitable for intended use? [ ] Too little [ ] Salty [ ] Muddy [ ] Odor [ ] Colored [ ] Other Depth of strata:

(9) LOCATION OF WELL by legal description: County Deschutes Latitude Longitude Township 14 N-S, Range 9 E-W, WM. Section 9-C 1/4 1/4 Tax Lot Lot Block Subdivision Street Address of Well (or nearest address)

(10) STATIC WATER LEVEL: 24 ft. below land surface. Date 6-20-89 Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES: Table with columns: From, To, Estimated Flow Rate, SWL

(12) WELL LOG: Ground elevation Material From To SWL Waters entering perforations and cascading down well Estimated at 600 GPM. To V. Camera showed water entering crevice below liner @ 82' crevice 2" wide x 8 feet long. Small amount flowing through bottom of well. Well bore below filled with "Uyo-Bau" hole plug 80'-93'. Well sealed with cement grout pumped 80'-78'. Well now producing 450 GPM with 2' D.D.

Date started 6-20-89 Completed 6-30-89

(unbonded) Water Well Constructor Certification: I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief. WWC Number Signed Date

(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. I work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief. WWC Number 595 Signed John Johnson Date 7-14-89