

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

HARN 51987

WELL I.D. LABEL# L 113426
START CARD # 1020984
ORIGINAL LOG #

10/3/2013

(1) LAND OWNER

Owner Well I.D.
First Name ANDY Last Name ROOT
Company ACW
Address PO BOX 3
City BURNS State OR Zip 97720

(2) TYPE OF WORK

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

(2a) PRE-ALTERATION

Casing: Dia + From To Gauge Stl Plstc Wld Thrld
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 [X] Irrigation [] Community
[] Industrial/ Commercial [] Livestock [] Dewatering
[] Thermal [] Injection [] Other

(5) BORE HOLE CONSTRUCTION

Depth of Completed Well 390.00 ft. Special Standard [] (Attach copy)

Table with columns: Dia, From, To, Material, SEAL, Amt, lbs. Row 1: 18, 0, 23, Bentonite Chips, 0, 23, 32, S

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

[X] Other POURED & TAMPED

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

Table with columns: Casing, Liner, Dia, From, To, Gauge, Stl, Plstc, Wld, Thrld. Row 1: 14, 2, 163, .250, [X]

Shoe [] Inside [] Outside [] Other Location of shoe(s)

Temp casing [] Yes Dia From To

(7) PERFORATIONS/SCREENS

Perforations Method

Screens Type Material

Table with columns: 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 [X] Air [] Flowing Artesian

Table with columns: Yield gal/min, Drawdown, Drill stem/Pump depth, Duration (hr). Row 1: 900, 390

Temperature 60 °F Lab analysis [] Yes By

Water quality concerns? [] Yes (describe below) TDS amount

Table with columns: From, To, Description, Amount, Units

(9) LOCATION OF WELL (legal description)

County HARNEY Twp 22.00 S N/S Range 32.00 E E/W WM
Sec 36 SE 1/4 of the SE 1/4 Tax Lot 300
Tax Map Number Lot
Lat " or DMS or DD
Long " or DMS or DD
[] Street address of well [X] Nearest address

HWY 20 E
COW CREEK RD

(10) STATIC WATER LEVEL

Table with columns: Existing Well / Pre-Alteration, Date, SWL(psi), SWL(ft). Row 1: 9/9/2013, 30

Flowing Artesian? [] Dry Hole? []

WATER BEARING ZONES Depth water was first found 47.00

Table with columns: SWL Date, From, To, Est Flow, SWL(psi), SWL(ft). Row 1: 9/9/2013, 47, 390, 900, 30

(11) WELL LOG

Ground Elevation

Table with columns: Material, From, To. Rows: topsoil silty loam (0-3), clay brown (3-12), sand brown (12-16), clay brown (16-47), sand fine brown (47-120), SAND COURSE GRAVEL SMALL (120-140), clay grey (140-145), gravel pumice (145-160), pumice grey (160-220), pumice sandstone brown (220-340), claystone blue (340-355), pumice grey (355-380), claystone blue (380-390)

Date Started 9/5/2013 Complete 9/9/2013

(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 1424 Date 10/3/2013

Signed TIMOTHY K RILEY (E-filed)

Contact Info (optional)