

Morr 52439

MORR 52439

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

WELL I.D. LABEL# L 109714 START CARD # 1033154 ORIGINAL LOG # MORROW 52027

(1) LAND OWNER Owner Well I.D. First Name JOHN Last Name VANDENBRINK Company Address P.O. BOX 165 City IONE State OR Zip 97843

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

(2a) PRE-ALTERATION Casing: Dia 8 From 2 To 18 Gauge .25 Stl [X] Plstc [] Wld [X] Thrd [] Seal: Bentonite Chips 0 16 13 Sacks

(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 [] (Attach copy) Depth of Completed Well 1393.00 ft.

Table with columns: Dia, From, To, Material, From, To, Amt, Sacks/lbs. Row 1: 12, 0, 18, Cement, 600, 820, 125, S. Row 2: 8, 18, 1393, Calculated, 75.

How was seal placed: Method [] A [X] B [] 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 Material Perf/ Casing/Screen Screen Liner Dia From To Scrn/slot width length # of slots Tele/pipe size

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

Table for well tests: Temperature 74 °F Lab analysis [] Yes By Water quality concerns? [] Yes (describe below) TDS amount From To Description Amount Units

(9) LOCATION OF WELL (legal description) County MORROW Twp 1.00 S N/S Range 24.00 E E/W WM Sec 22 NE 1/4 of the SE 1/4 Tax Lot 3500 Tax Map Number Lot Lat Long Street address of well Nearest address MORTER LN. IONE, OR

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

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

(11) WELL LOG Ground Elevation Material From To RECEIVED BY OWRD JUL 27 2017 SALEM, OR

Date Started 7/6/2017 Completed 7/12/2017

(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 1963 Date 7/24/2017 Signed JOHN KLINE (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 1881 Date 7/24/2017 Signed GARRY L ZOLLMAN (E-filed) Contact Info (optional) Garry Zollman

WATER SUPPLY WELL REPORT - continuation page

WELL I.D. LABEL# L 109714
START CARD # 1033154
ORIGINAL LOG # MORROW 52027

(2a) PRE-ALTERATION

Table with columns: Dia, +, From, To, Gauge, Stl, Plstc, Wld, Thrd. Includes a diagram of well casing and a table for Material (Cement) with values 16, 18, 1, Sacks.

(5) BORE HOLE CONSTRUCTION

Table with columns: Dia, From, To, Material, SEAL, From, To, Amt, sacks/lbs. Includes a 'Calculated' label.

FILTER PACK

Table with columns: From, To, Material, Size.

(6) CASING/LINER

Table with columns: Casing Liner, Dia, +, From, To, Gauge, Stl, Plstc, Wld, Thrd. Includes a diagram of casing sections.

(7) PERFORATIONS/SCREENS

Table with columns: Perf/Screen, Casing/Liner, Dia, From, To, Scrm/slot width, Slot length, # of slots, Tele/pipe size.

(8) WELL TESTS: Minimum testing time is 1 hour

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

Water Quality Concerns

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

(10) STATIC WATER LEVEL

Table with columns: SWL Date, From, To, Est Flow, SWL(psi), + SWL(ft).

(11) WELL LOG

Large table with columns: Material, From, To. Contains a stamp: RECEIVED BY OWRD JUL 27 2017 SALEM, OR

Comments/Remarks

Per letter dated 4/20/16 from OWRD. Well had a thieving zone from 650' to 800'. Estimated 2-3 gpm loss of water. Cemented from 600' to 820' to stop loss. Note: Lost 1.25" tremie pipe in hole after cementing. Left in hole.

File T-11689
Permit G-17360