

Approved: 

# MEMO

**To:** Kristopher Byrd, Well Construction Manager  
**From:** Tommy Laird, Well Construction Program Coordinator  
**Subject:** Review of Water Right Application LL-1945  
**Date:** June 21, 2024

The attached application was forwarded to the Well Construction Section by the Groundwater Section. Joe Kemper reviewed the application. Please see Joe's Groundwater Review and the Well Report.

Applicant's Well #1 (CROO 54598): Based on a review of the Well Report, Applicant's Well #1 seems to protect the groundwater resource.

The construction of Well #1 may not satisfy hydraulic connection issues.

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

CROO 54598

3/7/2018

WELL I.D. LABEL# L 129188
START CARD # 1037701
ORIGINAL LOG #

(1) LAND OWNER
Owner Well I.D.
First Name TODD Last Name TAYLOR
Company
Address 18500 BULL SPRINGS RD
City BEND State OR Zip 97701

(2) TYPE OF WORK
New Well [X] 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
Rotary Air [X] Rotary Mud [ ] Cable [ ] Auger [ ] Cable Mud [ ]
Reverse Rotary [ ] Other [ ]

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

(5) BORE HOLE CONSTRUCTION
Special Standard [ ] (Attach copy)
Depth of Completed Well 695.00 ft.

Table with columns: Dia, From, To, Material, SEAL, Amt, lbs. Rows include Bentonite Chips and Calculated values.

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

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 AIR PERF
Screens Type Material
Perf/ Casing/ Screen Dia From To Scrn/slot width length # of slots Tele/ pipe size

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

Temperature 55 °F Lab analysis [ ] Yes By
Water quality concerns? [ ] Yes (describe below) TDS amount 118 ppm
From To Description Amount Units

(9) LOCATION OF WELL (legal description)
County CROOK Twp 15.00 S N/S Range 15.00 E E/W WM
Sec 23 NW 1/4 of the NW 1/4 Tax Lot 1231
Tax Map Number Lot
Lat " or 44.26052778 DMS or DD
Long " or -120.90700000 DMS or DD
Street address of well [ ] Nearest address [X]

OFF GEORGE MILLICAN RD ROCK PIT

(10) STATIC WATER LEVEL
Date SWL(psi) + SWL(ft)
Existing Well / Pre-Alteration
Completed Well 2/27/2018 410
Flowing Artesian? [ ] Dry Hole? [ ]

Table: WATER BEARING ZONES. Depth water was first found 410.00. Columns: SWL Date, From, To, Est Flow, SWL(psi), + SWL(ft). Row: 2/14/2018, 410, 450, 10, 410.

(11) WELL LOG
Ground Elevation 3284.00
Material From To
PUMICE BROKEN ROCK 0 2
LAVA GRAY HARD 2 22
BASALT BROKEN 22 30
BASALT 30 121
SANDSTONE BROWN 121 180
BASALT 180 242
BASALT BROKEN 242 380
BASALT BROKEN CAVING 380 430
WEATHERED BASALT 430 450
BASALT BROKEN FRACTURED LAYERS 450 538
BASALT BLACK FRACTURED 538 573
SILTSTONE BROKEN 573 580
BASALT FRACTURED BROKEN LAYERS 580 615
SILTSTONE GRAY 615 640
CLAY GRAY SOFT 640 695

Date Started 2/12/2018 Completed 2/27/2018

(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 758 Date 3/7/2018

Signed THOMAS 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. 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 1720 Date 3/7/2018

Signed JACK ABBAS (E-filed)

Contact Info (optional)



WATER SUPPLY WELL REPORT - Map with location identified must be attached and shall include an approximate scale and north arrow

CROO 54598

3/7/2018

Map of Hole

