

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

Westerberg Drilling, Inc.
36728 S. Kropf Rd.
Melalla, OR 97038

WELL I.D. LABEL# L	116771
START CARD #	213182
ORIGINAL LOG #	CLACKAMAS 71596

(1) LAND OWNER Owner Well I.D. _____
First Name Mike & Cheryl Last Name Bratcher
Company _____
Address 4128 SW Britton Drive
City Gresham State OR Zip 97080

(2) TYPE OF WORK ☐ New Well ☒ Deepening ☐ Conversion
☐ Alteration (complete 2a & 10) ☐ Abandonment (complete 5a)

(2a) PRE-ALTERATION
Casing: Dia + From To Gauge Stil Plstc Wld Thrd
6 2 18 250 ☒ ☐ ☒ ☐
Material From To Amt sacks/lbs
Seal: Bentonite 0 18 12 Sacks

(3) DRILL METHOD ☒ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger ☐ Reverse Rotary ☐ Other
RECEIVED BY OWNER

(4) PROPOSED USE ☒ Domestic ☒ Irrigation ☐ Commercial
☐ Industrial/ Commercial ☐ Livestock ☐ Dewatering
☐ Thermal ☐ Injection ☐ Other

(5) BORE HOLE CONSTRUCTION Special Standards (Attach copy)
Depth of Completed Well 420 ft.

BORE HOLE			SEAL			Amt	sacks/
Dia	From	To	Material	From	To		
12	0	230	Bentonite	0	57	52	S
8	230	420			Calculated	45	
			Cement	57	225	214	S
					Calculated	84	

How was seal placed: Method ☐ A ☐ B ☒ C ☐ D ☐ E
☒ Other bent.poured&probed

Backfill placed from 225 ft. to 230 ft. Material pea gravel/sand

Filter pack from ft. to ft. Material Size

Explosives used: ☐ Yes Type Amount

(5a) ABANDONMENT USING UNHYDRATED BENTONITE
Proposed Amount Pounds Actual Amount Pounds

(6) CASING/LINER
Casing Liner Dia + From To Gauge Stil Plstc Wld Thrd
6 14 420 250 ☒ ☐ ☒ ☐
Shoe ☐ Inside ☒ Outside ☐ Other Location of shoe(s) 420
Temp casing ☒ Yes Dia 10 From 1 To 230

(7) PERFORATIONS/SCREENS
Perforations Method Holte air perforator
Screens Type Material
Perf/S Casing/ Screen
green Liner Dia From To Scm/slot Slot # of Tel/
Perf Casing Dia 6 380 420 .25 1.5 750 pipe size

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

☐ Pump ☐ Bailor ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
80		375	3

Temperature 60 °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 CLACKAMAS Twp 1 S N/S Range 4 E E/W WM
Sec 32 NW 1/4 of the NW 1/4 Tax Lot 700
Tax Map Number Lot
Lat ' or DMS or DD
Long ' or DMS or DD
☒ Street address of well ☐ Nearest address

30330 Hayley Rd SE, Boring 97009

(10) STATIC WATER LEVEL

	Date	SWL(psi)	+ SWL(ft)
Existing Well / Pre-Alteration			
Completed Well	08-01-2016		173.2
Flowing Artesian?			
Dry Hole?			

WATER BEARING ZONES Depth water was first found 50

SWL Date	From	To	Est Flow	SWL(psi)	+ SWL(ft)
07-15-2016	50	145	20		45.4
08-01-2016	300	420	80		173.2

(11) WELL LOG

Ground Elevation

Material	From	To
clay sticky with white & blue	18	25
sand brown coarse gravel	25	30
gravel large with sand	30	87
gravel with grey clay	87	95
cemented gravel	95	100
gravel with clay	100	110
cemented gravel	110	165
gravel with clay red	165	175
cemented gravel	175	195
cemented gravel brown	195	201
siltstone brown gritty	201	215
clay grey sticky	215	225
cemented gravel	225	273
silt brown firm	273	275
clay grey	275	288
packed sand & gravel	288	295
clay brown & grey	295	300
gravel grey with sand	300	333
clay grey	333	347

Date Started 07-11-2016 Completed 08-01-2016

(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 1358 Date 08-11-2016

Signed *Dan B. Hilde*

(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 638 Date 08-11-2016

Signed *Steven N. Stedde*

Contact Info (optional)

Original 6" well casing was removed
10" temporary casing was underreamed with 12" bit
6" casing was underreamed with 8" bit