MULT 124121

√esterberg Drilling, Inc.

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

36728 S. Kropf Rd. Wolalia, OR 97338

WELL I.D. LABEL# L 120292

START CARD # 213183

ORIGINAL LOG # MULTNOMAH 1118

(1) LAND OWNER Owner Well I.D.	MW 124121
First Name Last Name	(9) LOCATION OF WELL (legal description)
Company City of Portland Water Bureau	County MULTNOMAH Twp 1 N N/S Range 2 E E/W WM
Address 1120 SW 5th Ave, Room 600 City Portland State OR Zip 97204	Sec 13 SE 1/4 of the SW 1/4 Tax Lot 800
City Portland State OR Zip 97204 (2) TYPE OF WORK New Well Deepening Conversion	
(2) TYPE OF WORK New Well Deepening Conversion Alteration (complete 2a & 10) Abandonment(complete 5a)	Tax Map Number Lot Lat " " or DMS or DD
(2a) PRE-ALTERATION	Long o y or DMS or DD
Dia + From To Gauge Stl Plstc Wld Thrd	
Casing: 24 See MULT 1118	5601 NE 148th Ave. Portland
Material From To Amt sacks/lbs	Joor N.C. 146th Ave. 1 Orland
Seal: See MULT 1118	(10) CTATIC WATER LOVE
(3) DRILL METHOD	(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft)
Rotary Air Rotary Mud X Cable Auger Cable Mud	Date SWL(psi) + SWL(ft) Existing Well / Pre-Alteration 04-14-2016 26
Reverse Rotary X Other Pump Hoist	Completed Well 08-26-2016 63
(4) PROPOSED USE Domestic Irrigation Community	Flowing Artesian? Dry Hole?
	WATER BEARING ZONES Depth water was first found See MULT 1118
Thermal Injection Other	SWL Date From To Est Flow SWL(psi) + SWL(ft)
(5) BORE HOLE CONSTRUCTION Special Standard (Attach copy) Depth of Completed Well 570.42 ft.	Original - See MULT 11/18
DODD HOLD TO COLUMN	
BURE HOLE SEAL sacks/ Dia From To Material From To Amt lbs	
See MULT 1118	
Calculated	
	(11) WELL LOG Ground Flavorion
Calculated	Cround Elevation
How was seal placed: Method A B C D E	Material From To
Other Backfill placed from 570.42 ft. to 573 ft. Material Cement	NOTE: All measurements are from top of concrete well valut.
	Wolf varus.
rater pack from R. to R. Material Size	Water level fluctuated daily.
Explosives used: Yes Type Amount	
(5a) ABANDONMENT USING UNHYDRATED BENTONITE	
Proposed Amount Pounds Actual Amount Pounds	RECEIVED BY OWRD
(6) CASING/LINER_	"ECEIVED "
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	A OMP
See Comments &	Cra
As-Built for Details	SEP 2 6 2016
	2016
	84.
Shoe Inside Outside Other Location of shoe(s)	SALEM, OR
handpung band hand	
Temp casing Yes Dia From To	
(7) PERFORATIONS/SCREENS Perforations Method See Comments & As Built	
Screens Type V-Wire Material Stinaless Steel	Date Started07-11-2016 Completed 08-26-2016
Perf/S Casing/ Screen Scm/slot Slot # of Tele/	Date Started 07-11-2016 Completed 08-26-2016
creen Liner Dia From To width length slots pipe size	(unbonded) Water Well Constructor Certification
Screen 10 429 449 .025 PS	I certify that the work I performed on the construction, deepening, alteration, or
Relief Screen	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
(O) NOTE TROTO As:	TOTAL PRINCIPAL CONTRACTOR OF THE PRINCIPAL CONTRACTOR OF
(8) WELL TESTS: Minimum testing time is 1 hour Pump Bailer Air Flowing Artesian	Signed
0	(bonded) Water Well Constructor Certification
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	
LI/A	I accept responsibility for the construction, deepening, alteration, or abandonmen work performed on this well during the construction dates reported above. All work
	performed during this time is in compliance with Oregon water supply wel
Temperature 55 °F Lab analysis Yes By	construction standards. This report is true to the best of my knowledge and belief.
	License Number 688 Date 09-06-2016 Signed Steven 11 Stable:
Water quality concerns?	At in Mill.
	Signed Mun 11. Fallen
	Contact Info (optional)
In the second se	1

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Westerberg Drilling, Inc.
36728 \$ 1/2029 WELL LD. LABEL# 1/120292

WAILK SUPPLY W	ELL REPORT -	3013G 9			START CARD.#	213183	
concusation page	Wolalla, Ok	D. 336	ORIGINAL LOG#				
a) PRE-ALTERATI	ON			Water Quality Co	oncerns	ИШ	F 174
Dia + From	To Gauge Stl Piste Wie	d Thrd		From To	Description	Amou	nt Units
						T	
		\vdash					
Material	From To Amt sacks	لبيا الالاد		l			
		1					
				(10) STATIC WA	ATER LEVEL		
BORE HOLE CO				SWL Date Fro		low SWL(psi)	+ SWL(ft
BORE HOLE Dia From To	SEA		sacks/				
	Material From	To Amt	lbs				
		Calculated	┼				
		Calculated	 				
		Calculated	+				
DOLUTED DA CH	1	Calculated	J				Ц
FILTER PACK From To M	faterial Size			(11) WELL LOG			
				Ма	terial	From	То
CASING/LINER							
Casing Liner Dia	+ From To Gauge	Stl Plstc Wld	Thed				
Casing Lines Dia	+ Hom to Gauge	Su Pisic wid	IIII		THE WINDS AS A STREET SHIP WAS A PART OF THE PART OF T		
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RR		RAH	H		DECEIVED	MERINACE VICE	
88		88H	H		RECEIVED	BY DWAD	
		O O					
					SEP 2 6	10.3	
PERFORATIONS	SCREENS						
Perf/S Casing/ Screen		Slot # of	Tele/		SALEM	Ob	
creen Liner Dia	Scm/slot From To width		pipe size				
				Comments/Rem	arks		
8) WELL TESTS: M	linimum testing time is	1 hour			ry of pumping sand. The element of sizes with a first state of the same of the		
Yield gal/min Drawd	_		hr)		lamaged riser pipe, installe with a stainless steel swage		
					use it was open on bottom		
			-				
			-				

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	428-32"->	aan segga kahan saassa saassa kala segarah kala seja saaska kala segarah kala segarah kala segarah kala segarah	10" DRIVE SHOE ON	Top of
	F. 3.7	year to the transfer that the second of the second	RISER/ RELIEF SCHEN	
		Marie Marie Angles de depute de la	10" Pipe 5:28	
4	·	Complete Mark of the Area and the Complete Service of	Scield. 304 S.S.	.025
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.44 <i>9</i>	102 449-934"	Section Companies and American Section 1 of the Companies	-Borrom of Relief	
			TRANSITION PIPE, CUSTO AWELDED. (38"LONG)	1 304 5.5.
DATEU INSTA	HEL SWACED 452-11/4		TRANSITION PIPE CUSTO	M ROLLED
SCREEN & EXIS	1100 BETWEEN NEW RELIEF 9-10/2 Pipe			
^	Pine Pine			
	GINALRISER PIPE			
	8 5.5 (PER MUIT 1118)			
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	566-4"		Bottom of WELL Sc	acen
	570'5"	ļ	CEMENT Plug (NEW)	
: : : : :	576-4		BOTTOM OF TAIL Py	? c
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