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STATE OF OREGON

Westerberg Drilling, Inc. 36728 S. Kropf Rd.

WELL I.D. # L 68/ATER RESOURCES DEPT START CARD # 163986LEM, OREGON

WATER SUPPLY WELL REPORT Molalia, OR 97038 (as required by ORS 537.765) Instructions for completing this report are on the last page of this form.

Name	ND OW JEFF	SPRA			Well Nu	mber		(9) LOCATION C	F WELL by lega	description:		
Addres			RIDIAN	RD.				Township 6S	N or S Ran	1 W	Longitude	
City	MT.	<u>ANGEI</u>	<u>. </u>	State 0	R	Zip	97362	Sagrion 12	N of S Ran SE1/4	ge	E or W.	WM.
	PE OF							Tax Lot 700		NE NE	_1/4	
XX New	Well 🗆	Deepeni	ng 🗌 Altera	ation (repair	r/recondit	ion) 🗌 A	bandonment		LotBk	20205 N	Subdivision_	T DD
	ILL ME								Well (or neurest uddre		EL OD	07262
XX Rota	ry Air X	Rotary	Mud □ Ca	ible 🗆 A	идег					HI ANG	TEL, UK	97.302
☐ Othe								(10) STATIC WAT	EK LEVEL: below land surface.		Date 2-	26-04
(4) PR	OPOSE	USE:							lb. pe			
			nity 🗌 Indu	strial XX	Irrigatio	n		(11) WATER BEA		square men	Date	
	mal 🗆			stock 🗆				I .				
(5) BO	RE HO	LE CO	NSTRUC1	ION:		_		Depth at which water	was first found	3/0'		
Special	Construct	ion appr	oval 🗆 Yes	XNo Dep	oth of Co	mpleted \	well <u>495 f</u> t.	From	To	Estimated	Flow Rate	SWL
Explosi		☐ Yes Æ	ЖNо Туре.		Ar	nount		370'	376'	50 GF		178.5
	HOLE			SEAL				400'	495'	600 GF		178.5
Diamete	r From	To	Material	From	То	Sacks or	pounds			1 000 0.		170.5
12"	0	342	Cement	0	342	113	sacks					
8"	342	495										
								(12) WELL LOG:				1
How wa	s seal plac	ed:	Method [A 🗆	в ХХ	C 🗆 E) [E	- ,	und Elevation			
	Г							l			. ,	
			ft. to			ıl		Mate	rial	From	To	SWL
			ft. to	ft.	Size of	gravel	-	soil		0	11_	
(6) CA	SING/L							clay brown n	ned	1	15	
	Diameter 811	From	To Gau 342 .2	ge Steel		Welded	Threaded	clay blue		15	20_	
Casing:_		 · -				ΧX		sand & grave		20	43	
-			 					clay grey		43	44	\vdash
-				_ 🛚				gravel grey		44	55	
Liner:	NONE			🗆				clay grey		55	72	
riner: _	., ., .,	1	 	_				conglomerate		72	79	
Drive Sh	noe used [Inside	XXQuiside	□ □ None	ш		u	clay brown		79	83	
Final loc	cation of s	ho c (s)_	342'					clay grey		83	85	
(7) PEI	RFORAT		SCREENS					clay brown		85	98	
	erforation:	3	Method N	ONE				clay blue gr	еү	98	108	
□ Se	creens		Туре			erial		hard pan	.t =1	108	109	-
From	To	Slot	Number I	Nomotou	Tele/pip	e Casin	g Liner	clay grey st		109 124	124	\vdash
110111	"	3146		/lainetei				clay grey me		134	165	
								clay grey me		165	172	-
								clay grey st		172	178	
-								continued on		112	170	
								Date started 2-16-			6-04	
(8) WE	LL TES	TS: M	inimum te	sting tim	e is 1 h		owing				.0-04	
🗀 Pu	mp	☐ Bai	iler	XX Air		☐ Ar		(unbonded) Water Wel		-		
Yield	gal/min	Drav	wdown	Drill ste	m at		Time	ment of this well is in co	k I performed on the impliance with Orego			
6	50	N	I/A	495	1		l hr.	standards. Madrials use	d and information re	oned above are	true to the bes	t of my
_								knowledge and belief.	11	WWC Nu	mber 1358	}
								Signed The all	ALIA		mber <u>1358</u> Date <u>3</u> –3-	-04
Tempera	iture of wa	ter 5	6° De	pth Artesia	n Flour	Found		(bonded) Water Well	onstructor Certific			
•				•			en sto	· ///	ty for the construction		abandonment	work
Did anv	strata con	tain wat	? □Yes er not suitabl	e for inter	a.C	EIV	Teo little	performed on this well of	luring the construction	n dates reported	above. Ali wo	rk
			Odor 🗆	Colored	Othe:	г		performed during this ti construction standards.	me is in compliance i This report is true to t	with Oregon wate Me best of my kn	er supply well owledge and l	pelief.
-	f strata:	-			ΔPR	28 21	004	construction standards.	21 7	WWGN	mber 688	0.
•					LJ1 17			Signed	in 11. le	Kadele	Date <u>3-3-</u>	-04

WATER RESOURCES DEPT

ORIGINAL - WATER RESOURCES (DEPMROMENTON) FIRST COPY - CONSTRUCTOR SECOND COPY - CUSTOMER



36728 S. Kropf Rd., Molalla, OR 97038 • Phone: (503) 829-2526 FAX (503) 829-7514

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

Page 2	P	a	g	e	2
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WELL ID# L 66763			
OWNER: JEFF SPRAUER			
ADDRESS: 10295 MERIDIAN RD.			
CITY/STATE/ZIP: MT. ANGEL, OR	97362		
WELL ADDRESS: SAME AS ABOVE			
COUNTY MARION	TOWNSHIP 6	S RANGE	1W
SECTION 12 SE		1/4 TAX LOT 700	

(11) WATER BEARING ZONES CONT'D FROM PREVIOUS PAGE:
FROM TO ESTIMATED FLOW RATE SWL

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MAR 0 8 2004

MAR 0 8 2004

MARERIAGES OUR CESTON

SALEMI, OREGON

130000

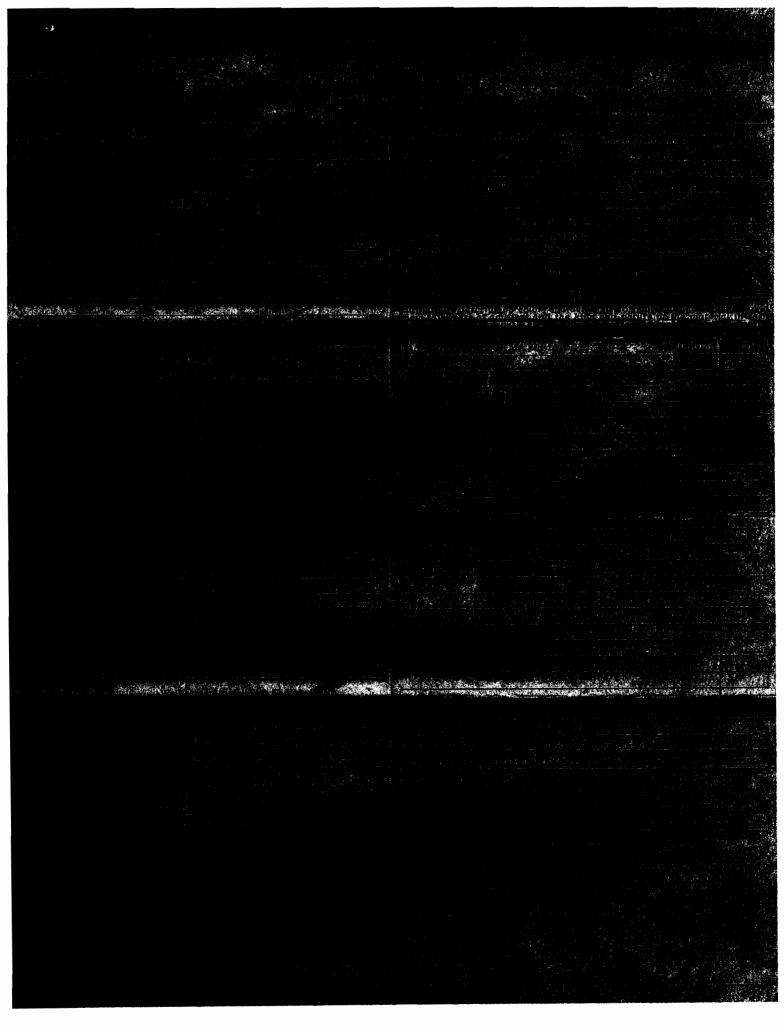
(12) WELL LOG INFO. CONT'D FROM PREVIO	OUS PAGE:		
MATERIAL	FROM	TO	SWL
clay reddish brown	178	200	
clay red very sticky	200	272	l i
clay brown med	272	285	
clay red	285	295	
clay brown	295	315	
rock brown-grey	315	320	1
basalt hard grey vesicular	320	327	
soft rock w/ lavender clay	327	336	
basalt grey hard	336	354	
basalt grey w/ wthrd streaks	354	358	;
basalt grey hard	358	370	
basalt weathered & porous	370	376	
basalt grey fractrd & wthrd	376	400	
basalt very weathered	400	407	
basalt grey weathrd & porous	407	426	
basalt grey hard w/ fractrs	426	462	
basalt grey fractured	462	464	
basalt grey hard	464	470	
basalt grey fractured	470	479	
basalt fractured & broken	479		1
black & brown some wood		495	
		<u> </u>	
		Ţ	1 1

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APR 28 2004 WATER RESOURCES DEPT SALEM, OREGON

T 10985

7.9706



The original and first copy of this report are to be filed with the WATER WELL REPORT

WATER RESOURCES DEPARTMENT, SALEM, OREGON 97310 within 30 days from the date of well completion.

STATE OF OREGON

(Please type or print)

(Do not write above this line)

٠	ŧ,	,	Ņ	deepend he	
2	Well	Ņ	ło.	,	

int)	State Well No.
lis line)	State Permit No.
) LOCATION O	F WELL:
nty <u>Amrion</u>	Driller's well number

(1) OWNER:	(10) LOCATION OF WELL:	
Name Butsch Stothers	County Driller's well a	number
Address 8456 May Road NE	35 14 FW 14 Section 13 T. 65	R. 116 W.M
Mt. Angel Oregon 97362	Bearing and distance from section or subdivi	
(2) TYPE OF WORK (check):	- Section of Standard	did comer
New Well □ Deepening Abandon □		
It abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed v	well
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found	223
Rotary Driven Domestic D Industrial D Municipal C		surface. Date 10/20/2
Cable	1	11.
ORIGINAL	Artesian pressure lbs. per squa	are inch. Date
(5) CASING INSTALLED: Threaded Welded	(12) WELL LOG: Diameter of well	below casing 8"
ft. toft. Gage	Depth drilled * 540 ft. Depth of com	
Diams from ft. to ft. Gage	Formation: Describe color, texture, grain size	
" Diam. from ft. to ft. Gage	and show thickness and nature of each strat	um and aquifer penetrated
(6) PERFORATIONS: Perforated? ☐ Yes 🖾 No.	with at least one entry for each change of form position of Static Water Level and indicate pri	ation. Report each change in incipal water-bearing strata
Type of perforator used	MATERIAL	From To SWL
Size of perforations in. by in.	Claystone Med. Green Cry	
perforations from ft. to ft.	Rasalt Hard Grey	171 223
perforations from tt. to tt.	Weathered Passalt Tedium	223 256 3
perforations from ft. to ft.	lacult Hard Trey	755 441
	esas exect scale forous	
(7) SCREENS: Well screen installed? ☐ Yes ☑ No	Oreen, Grey, Eroan, & Yel	
Manufacturers Name	lasalt Hard Tray	460 - 479
Type Model No.	Weathered Resalt of orous	478 483 V3
Diam Slot size Set from ft. to ft. Diam Stot size Set from ft. to ft.	hasalt Enrd Oney	N 540
200	<u> </u>	3 3 4
(8) WELL TESTS: Drawdown is amount water level is lowered below static level		S 54 S
Was a pump test made? ☐ Yes ☐ No If yes, by whom?	r.	
Yield: gal/min. with ft. drawdown after hrs.	10/10	a lon
" " " "		1,100
AIR " "		
Baller test 2 17 . 650gal/min. with 200ft, drawdown after hrs		
Artesian flow g.p.m.		1 To The Control of t
	Work started 10/16/78 19 Complete	20/20/29
Temperature of water Depth/artesian flow encountered ft.	Work started way a grant 19 Complete	10/20/20
(9) CONSTRUCTION:	Date well drilling machine moved off of well	19
Well seal—Material used	Drilling Machine Operator's Certification:	-3
Well sealed from land surface to ft.	This well was constructed under my Materials used and information reported	direct supervision
Diameter of well bore to bottom of seal in.	best knowledge and belief.	
Diameter of well bore below seal in.	[Signed] (Drilling Machine Operator)	Date, 19.7
Number of sacks of cement used in well seal sacks	Drilling Machine Operator's License No.	720
How was cement grout placed?	The state of the s	
	Water Well Contractor's Certification:	
	This well was drilled under my jurisd	
Was a drive shoe used? Yes No Plugs	true to the best of my knowledge and be	lief.
Did any strata contain unusable water? Yes RECEIVED	Name	(Type or print)
Type of water? depth of strata ADD 28 2004	(Person, firm or corporation) 220 Academy	mrcl, 48 9736
Arn		
Was well gravel packed? Was well gravel packed?	[Signed] (Water Well Cont	ractor)
Charge placed from	Contractor's License No Date	10/21/75
Gravel placed from th. to 12 16	Date	

NOTICE TO WATER WELL CONTRACTOR

The original and first copy
of this report are to be
filed with the

STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

WATER WELL REPORT	E 03/6/	bsi	1W-13)
	6 State Permit No.			

	PESCONCES PER			
(1) OWNER:	(10) LOCATION OF WELL:			
Name Robert Butch	County Marion Driller's well nu			
Address Rte-1, Box 117				
Mt.Angel.Oregon 97362	N.W. 14 S.W. 14 Section 13 T.6 85	R. 1 W		W.M.
(2) TYPE OF WORK (check):	Bearing and distance from section or subdivision	n corne	<u>r</u>	
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed w	ell.		
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found	50		ft.
Rotary Driven Domestic Dindustrial Municipal Domestic Municipal	Static level 90 ft. below land s		Datel	
Cable 3 Jetted [] Donestie [] Industrial [] Municipal []	·		•	CET/10
	Artesian pressure lbs. per square			X
(5) CASING INSTALLED: Threaded Welded	(12) WELL LOG: Diameter of well b		# 8 #	, ,
12 Diam. from 2 t rt. to 99 rt. Gage • 250			.	
ft. Gage	Depth drilled 672 ft. Depth of comple			ft.
" Diam. from ft. to ft. Gage	Formation: Describe color, texture, grain size a and show thickness and nature of each stratum			
N. C.	with at least one entry for each change of format			
(6) PERFORATIONS: Perforated? ☐ Yes X No.	position of Static Water Level and indicate princ	ipal wa	ter-bearin	ıg strata.
Type of perforator used	MATERIAL	From	то	SWL
Size of perforations in. by in.	Top Soil	0	7	
perforations fromft. toft.	Brown Clay	Ť	4	
	Boulders and Gravel	4	9	
perforations fromft. toft.	Brown clay	Q	12	
perforations from ft. to ft.	Gravel and Cobblestones	12	15	
(7) SCREENS: Well screen installed! Yes X No	Clay and Gravel	15	21	
Manufacturer's Name		21	26	
Type Model No,	Cley grey			 -
Diam. Slot size Set from ft. to ft.	basalt brn & grey whtd.	26	49	
Diam. Slot size Set from ft. to ft.	lessit gray hard wth	49	66	
District and Distr	Weathered streaks	66	677	
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	Lava red hard		67	
	Clay white sticky	67	77	
Was a pump test made? X Yes No If yes, by whom? Drillers	Claystone yellow crably.	77	80	
280 gal./min. with 200 ft. drawdown after 2 hrs.	Clay yellow sticky	80_	89	
	Baselt grey hard brn. sms		97	
н и	Basalt grey hard	97	151	
Bailer test gal./min. with ft. drawdown after hrs.		151	157	
		L57	302	
dan flow g.p.m.	Continued on next page	10	107 /2	
Depth artesian flow encounteredft.	Work started 1/28/75 19 Complete			5 19
(9) CONSTRUCTION:	Date well drilling machine moved off of well	<u> 10/23</u>	3/75	19
Well seal-Material used Coment	Drilling Machine Operator's Certification:			
Well sealed from land surface to	This well was constructed under my Materials used and information reported	direct	t super are from	vision.
Diameter of well bore to bottom of sealin.	best knowledge and belief.		_	
Diameter of well bore below sealin.	[Signed] RIGI Sankallar	Date ./	-19	19.7%
Number of sacks of cement used in well seal	(Drilling Machine Operator)			•
Number of sacks of bentonite used in well seal	Drilling Machine Operator's License No.	-#-\.	<i>(</i>	
Brand name of bentonite	Water Well Contractorio Contillantion	- 0		
Number of pounds of bentonite per 100 gallous	Water Weil Contractor's Certification:		1	
of water Ibs./100 gals.	This well was drilled under my jurisdi true to the best of my knowledge and bel		nd this i	eport is
Was a drive shoe used? Yes No Plus Size: location ft.	MB Ginania e Gone	ino.		
Did any strata contain unusable water U Yes No	(Person, firm or corporation)	T)	ype or pri	nt)
The state of the s	Address 11364 Evergreen Rd.	N.E	973	81
	(1 10 R+1	1.		
Method of sealing strata off	[Signed] Taul T. Dlake	e.		
Was well gravel packed? X Yes 180 Size of gravel: 3/8-3/4." Gravel placed from 55 # to 80 #	Contractor's License No.	56	76	19
Graver placed from				
-0-0/-	APR 2.8	ZUU4	. S.	P*45656-119

NOTICE TO WATER WELL CONTRACTOR
The original and first copy
of this report are to be
filed with the

STATE ENGINEER, SALEM, OREGON 97810

WATER WELL REPORT

STATE OF OREGON

1	1	
	wen vio 105/1w-13 c/	ر
	Permit No. 6-1700	

	above this line.	No. 6-7) D G
(1) OWNER:	(10) LOCATION OF WELL:		
Name Robert Butch	County Marion priler's well		
Address Rte.1, Box 117	N.W. 348.W.4 Section 13 T. 6 -8		
Mt.Angel.Oregon 97362			W.M.
(2) TYPE OF WORK (check):	Bearing and distance from section or subdivi	sion corner	
Water transfer to the same of			
H abandonment, describe material and procedure in Item 12.			
	(11) WATER LEVEL, Completed	well.	
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found	50	ft.
Rotary Driven Domestic Dindustrial Municipal Domestic Dindustrial Municipal		i surface. Date]	2/02/25
□ Bored □ Irrigation 🛣 Test Well □ Other □			1/21/15
	Artesian pressure	are inch. Date	
(5) CASING INSTALLED: Threaded Welded	(12) WELL LOG: Diameter of well	14	d-7 d-8 "
12 "Diam. from 2 + st to 98st Gage 250	Diameter of Well	below casing	#=#####
" Diam. from ft. to ft. Gage	Depth drilled 672 ft. Depth of com	pleted well 67	2 ±t.
" Diam, from ft. to ft. Gage	Formation: Describe color, texture, grain size and show thickness and nature of each strat	and structure of	materials;
	with at least one entry for each change of form	nation. Report each	h change in
(6) PERFORATIONS: Perforated? Yes 10 No.	position of Static Water Level and indicate pr	incipal water-bear	ring strata.
Type of perforator used	MATERIAL	From To	SWL
Size of perforations in. by in.	Basalt	300 377	
perforations from ft, to ft.	Clay (blue)	377 38	
perforations fromft. toft.	Basalt		
perforations from ft. to ft.	Claystone (Green)	431 432	
(7) SCREENS: Well screen installed? Yes No	Basalt	432 537	
Manufacturer's Name	Claystone (gray)	537 539	
Type Model No	Basalt	539 583	
Diam. Slot size Set from ft. to ft.	Claystone (blue)	583 586	
Diam Slot size Set from ft. to ft.	Baselt	586 644	
:	Clay (blue)	644 672	2
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	70/4 - 1-2 - 4- 706		
	12"in hole to 306"		
Was a pump test made? X Yes No 11 yes, by whom?	8 11 11 11 11 11 11 672		
280 gal./min. with 200 ft. drawdown after 2 hrs.	Possible areas where we	1 4 a 1 a a	
" "			0010
И И И	Maxis coming-250 to 300		28 4
Bailer test gal./min. with ft. drawdown after hrs.			1
	470'to 475',509'to 523',	575'to 58	<u> </u>
Z	- 1-0 hm		
Temperature of water Depth artesian flow encountered ft.	Work started 1/28/75 19 Compl	$_{\rm eted}10/23/7$	<u>'5 19</u>
(9) CONSTRUCTION:	Date well drilling machine moved off of well	10/23/75	19
· ·	Dulling Machine Organization Contillection		
Well seal—Material used	This well was constructed under m		aredaion
Well sealed from land surface toft.	Materials used and information reporte		
Diameter of well bore to bottom of seal16 in.	best knowledge and belief.		
Diameter of well bore below sealin.	[Signed] (Drilling Machine Operator)	_ Date //9	, 1976
Number of sacks of cement used in well seal40sacks	(Drilling Machine Operator)	LOI	
Number of sacks of bentonite used in well seal sacks	Drilling Machine Operator's License No		 ,
Brand name of bentonite	Water Well Contractor's Certification:		
Number of pounds of bentonite per 100 gallons	ar Santa and a san ar an ar	-41-41 7 C	
of water lbs./100 gals.	This well was drilled under my juristrue to the best of my knowledge and h		s report is
Was a drive shoe used? Yes No Flugs Size: location ft.	Name R. Stadeli & Sons, I		
Did any strata contain unusable water? ☐ Yes 🗶 No	(Person, firm or corporation)	(Type or)	print)
Type of water? depth of strata BFCE	Address 11364 Evgrp. Rd. N.	E. Silver	rton - Or
	() 1(2.84	11	····
Method of sealing strata off	[Signed] Jaul S. Sta	deli	
Was well gravel packed? Yes No Size of gravel: 3/813/41	C Tag . (Maren Mare on		
Gravel placed from 35 ft. to 80 ft.	Contractor's License No. 296 Date	120/75	, 19
(USE ADDITIONALAS	PETS IN NECESSARY)		SP*45656-119