STATE OF OREGON WATER WELL REPORT (as required by ORS 537.765) WAT

EER - 9 1984MA

rep -	AINMA	- <i>-</i>
red RESC	URCES DEPT	UMA
SALEM.	OREGON	5970

46232 (START CARD) #.

9809C 10/91

			_	/						
(1) OWNER:	. С. П. 1	Well Number_	5-		(9) LOCATION (OF WELL by leg	al descri	iption:		
	of Echo				County Umatil	1a Latitude)	Longitude		
	Box 9	- OD		07006	Township 3N	N or S. Range_	<u> 29E</u>		_E or W	/. WM.
City Echo		State OR	Zip	97826	Section 16	<u>NE</u>	¼NE	اا	4	-,
(2) TYPE OF WORL					Tax Lot 100	_LotBloc	k	Subdi	vision	
New Well Deep		ition \square A	Abandon		Street Address of V	Vell (or nearest addres	s <u>) Golf</u>	Cour	<u>se Ro</u>	<u>ad</u>
(3) DRILL METHO					***************************************		Echo	OR OR		
Rotary Air Royana	otary Mud	able	-		(10) STATIC WAT	TER LEVEL:	•		_	
	e Ćirculati	on Kotary				pelow land surface.	-		10/26	/93
(4) PROPOSED USE)					Ib. per	square inch	ı. Date	:	
	nunity 🔲 Industr		ation		(11) WATER BEA	RING ZONES:	-			
	ion Other							_		
(5) BORE HOLE CO				1000	Depth at which water	was first found <u>Ist</u>	signi	fican	t @ 6	62
Special Construction approval	M Yes □ No	Depth of Compl	eted Wel	1 <u>1282</u> ft.		1	T-=			T
Explosives used Yes	∐ No Type	Aı	nount		From	То		nated Flow	v Rate	SWL
HOLE	SEAĪ	,	A	mount	662	674	?			456
Diameter From To		From To		or pounds	screened/perfor	ated interval	see	<u>(8)</u>		see
	<u>Bentonite</u>	0 6			see (7)					(10)
15 206 955 0 10 9551282	Cement Grout	6 955	5 560							<u> </u>
10 9331262			+60	sks sand	(12) WELL LOG	-				-
·						Ground elev		a	pprox	. 800
How was seal placed: Meth								1	1	1
XX Other Bentonite			<u>a ary</u>			Material		From	To	SWL
Backfill placed from		Material			see attac	ned Log				
Gravel placed from		Size of gravel								
(6) CASING/LINER:								<u> </u>		
Pitless Unit +1			Welded	Threaded						
Casing: 12 5			XX					ļ <u></u>		
20 6			XX			**************************************				
20 0	107 .373	AJ - LJ	XX.				 			
Liner: 10x8 945	950 std		<u> </u>		T' T' magantan	0 h-11 1				-
		<u> </u>	XX		J receptor	& bell redu	cer			<u> </u>
Final location of shoe(s)			47.47	Ш						-
(7) PERFORATIONS		,						<u> </u>		
	Method Fact	orv mill	CIIT		Perforation	s in 8" line	r 0.00	11 2	/16-2	-1
Screens	Type V shape v	ire Materia	i 304	SS	32 slots pe	r foot. Perf	orated	into	10X3	STOTS
	Type	wrad			32 B100B PC	T TOOC, TELL	oraced	From	To	are:
Screens: Slot From To size	Number Diamete	Tele/pipe r size	Casing	Liner	160 slots			1065		
1070 1075 .150		PS	ΠĬ	П	160 slots			1075		
1080 1085 .150	8	PS			160 slots			1085		
1250 1255 .150		PS	\Box		640 slots	-		1175		
1265 1270 .150		PS	$\overline{\sqcap}$	$\overline{\sqcap}$	160 slots	-			1250	
				. 🗇 ·	320 slots		÷.		1265	
(O) WELL TESTS, A	[:-::	4: 1.1			320 slots				1280	
(8) WELL TESTS: M	ımımum testinş	time is 1 n			Date started 5/12	/93 Co	mpleted _	1/7/9		<u> </u>
XX Pump Ba	niler	ir	☐ Flow	sian	(unbonded) Water We				•	
also see attach	ed graphs of 1	24 hour tes	t/reco	very		ork I performed on the		ion, altera	ation, or	abandon-
Yield gal/min Draw	down Dril	stem at	Ti	me	ment of this well is in co	ompliance with Oregon	well const	ruction st	andards.	Materials
522	26		2	hr.	used and information re	eported above are true	to my bes	t knowled	lge and b	elief.
1034	61		2nd -	2 hr.	1/	F-//		WWC N	umber	1578
	01			2 hr.	Signed			Date		
	36			2 hr.	(bonded) Water Well	Constructor Cartifica				
Temperature of Water84	°F Depth A	rtesian Flow Fo	-			ity for the construction		. or ahand	lonment v	work ner-
Was a water analysis done?	Yes By wh				formed on this well duri	ing the construction dat	es reported	l above. A	ll work n	erformed
Did any strata contain water	-	_	Too lit	tle	during this time is in cor is true to the best of m	mpliance with Oregon	vell constru	action star	ndards. T	his report
☐ Salty ☐ Muddy ☐	·		· · ·	-	is true to the best of m	y solowing and belie	ı. /	WWC N	Number_	042
Depth of strata:		SF	-19	405	Signed Jupher	Signer	de	Date	L/28/9) 4
ORIGINAL & FIRST COP	Y - WATER RESOU	RCES DEPAR	TMENT	SECO	ND COPY - CONSTRUC	~ V V V V V V V V V V V V V V V V V V V	OPY - CU		98	809C 10/91

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WATER RESOURCES DEPT. SALEM, OREGON

City of Echo Well No. 5 Start Card No. 46232 by Schneider Drilling Co.

<u>D</u> 6	epth	
<u>From</u>	<u>To</u>	<u>Description</u>
0	6	Sand & gravel, brown
6	11	Gravel, 5"-, & sand, w/some clay, brown
11	21	Clay & gravel, 3"-, brown
21	32	Clay, brown, w/coarse sand & small gravel
32	38	Gravel & sand, cemented
38	52	Clay, brown, soft, sandy, w/some cs & small gravel
52	55	Gravel, 3"- & sand, cemented, brown
55	57	Gravel, 3"- & sand, med, cemented, brown
57	67	Gravel, 1/2"-, cem, w/some clay, brown
67	70	Gravel, 1-1/2"-, cem, w/some clay, brown
70	76	Clay, brown, w/claystone & some gravel, small
76	84	Clay, brown, sandy, & claystone
84	90	Gravel, 3/4"-, & sand, cem, w/some clay, brn
90	93	Clay, brown, sandy, & claystone
93	105	Gravel, 3"-, & clay, tan-brown
105	115	Basalt, gray, hard
115	118	Basalt, blk & red, fractured, med
118	124	Basalt, red & blk, fractured, med
124	125	Basalt, drk red & blk, frac, w/some cs
125	130	Basalt, drk red & blk, frac, med
130	131	Basalt, drk gray & red, frac, med
131	132	Basalt, drk gray & red, frac, med-hard
132	140	Basalt, drk red, frac, med
140	180	Basalt, gray, w/some frac, hard
180	191	Basalt, gray, fractured, hard
191	192	Basalt, blk & red, ves, medium, w/cs, blue-grn
192	193	Basalt, blk & red, brkn, ves, med, w/some cs, blue-grn
193	200	Basalt, brown, med, some frac, some cs, blue-grn
200	203	Basalt, gray, w/some brown
203	206	Basalt, brn & gry, med-hd, frac, w/some cs, blue-grn
206	207	Basalt, It gray, frac, med-hard
207	215	Basalt, gray, frac, hard
215	216	Basalt, gray, med, broken, w/some cs, blue-grn
216	220	Basalt, gray & brown, med, brkn, ves, w/cs, blue-grn
220	225	Basalt, gray & red, med, brkn, w/some cs, blue-grn
225	230	Basalt, gray, med-hard, brkn, w/some cs, blue-grn
230	235	Basalt, gray, med-hard, brkn
235	237	Basalt, gray, hard, frac

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237	241	Basalt, gray & brown, hard, frac	FEB - 9 1994
241	243	Basalt, gry & brn, med-hd, frac, w/some cs, blue-grn	WATER RESOURCES DEPT.
243	244	Basalt, gray, med-hard, frac, w/some cs, blue-grn	SALEM, OREGON
244	250	Basalt, gray, hard, frac	, c2do,,
250	252	Basalt, gray & brown, med-hard, frac	
252	258	Bslt, gry & brn, med, brkn, ves, w/some cs, blue-grn	
258	268	Basalt, gray, med-hard, frac	
268	275	Basalt, gray & brn, med, brkn, w/some cs, blue-grn	
275	285	Basalt, gray, med-hard, brkn, w/some cs, blue-grn	
285	295	Basalt, gray, med-hard, frac	
295	300	Basalt, gray, med, brkn, w/some claystone, blue-grn	
300	313	Basalt, gray, med-hard, frac	
313	315	Basalt, gray & brn, med, brkn, w/some cs, blue-grn, &	sandstone, lt brown
315	326	Basalt, gray & brown, med, brkn, ves, w/cs, blue-grn	
326	328	Basalt, gray, med, brkn	
328	338	Basalt, gray, hard, brkn	
338	341	Basalt, gray, med-hard, brkn, w/some cs, blue-grn	
341	343	Bslt, gry, frac, hard, some ves, w/some cs, blue-grn	
343	349	Basalt, gray, ves, hard, w/some cs, blue-grn	
349	353	Basalt, gray w/green, ves, hard	
353	358	Basalt, gray, w/some frac, hard	
358	365	Basalt, gray w/blue, ves, hard	
365	367	Basalt, gray w/some frac, hard	
367	379	Basalt, gray, frac, some ves, hard, w/some cs, blue	
379	393	Basalt, gray, w/some blue, frac, hard	
393	398	Basalt, gray, hard	
398	412	Basalt, gray, w/some frac, hard	
412	419	Basalt, gray, ves, med, w/cs, blue-grn	
419	433	Basalt, gray, ves, frac, med, w/some cs, blue-grn	
433	478	Basalt, gray, frac, some ves, hard	
478	499 569	Basalt, gray, frac, some ves, hard, w/cs, blue-grn	
499 569	572	Basalt, gray, some frac, hard	
572	576	Basalt, black & gray, frac, hard Basalt, gray, frac, hard	
576	578	Basalt, gray, frac, hard, w/some cs, blue	
578	581	Basalt, gray, mac, hard, wrsome cs, one Basalt, grn-gray, med, frac, w/clay & cs, gray	
581	583	Bslt, gry-brn, frac, ves, med, clay & cs, brn-blue-grn	
583	586	Basalt, gry & brown w/grn, frac, ves, med	
586	597	Basalt, gray, frac, ves, med, w/cs, blue-grn	
597	602	Basalt, gray w/blue, frac, ves	
602	622	Basalt, gray, frac, hard	
622	627	Basalt, gray, frac, w/some ves, hard	
627	659	Basalt, gray, frac, hard	
659	662	Basalt, gray & red-brn, med-hard, frac	
662	666	Basalt, rusty-red, med-soft, ves, w/cs, blue-grn	
666	672	Basalt, red-brn, med-soft, w/cs, light grn	

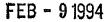
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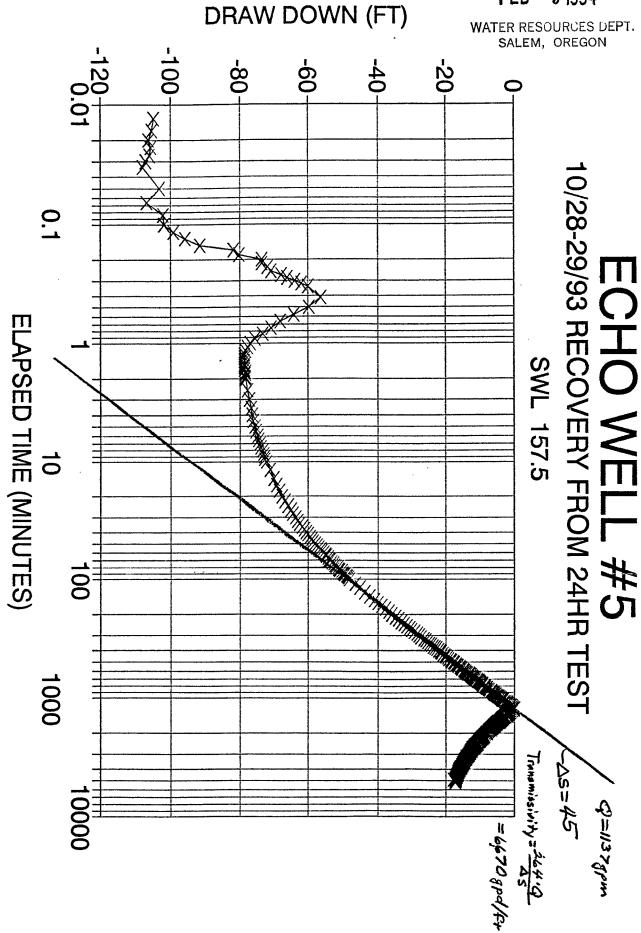
672	674	Basalt, gray-brn, med-hard, frac, ves	FEB - 9 1994
674	704	Basalt, gray, hard, frac	WATER RESOURCES DEPT.
704	714	Basalt, gray & brn, med-soft, ves, brkn	SALEM, OREGON
714	717	Basalt, black, med-soft, ves, brkn	·
717	719	Basalt, black, med-soft, brkn, ves, w/cs, light grn	
719	724	Basalt, drk gray & brn, w/some cs, blue-grn	
724	726	Basalt, gray, med-hard, frac, w/some cs, blue-grn	
726	728	Basalt, gray, hard, broken, ves	
728	739	Basalt, gray, hard, fractured	
739	740	Basalt, drk gray, hard, fractured	
740	743	Basalt, drk gray, hard, frac, some quartz	
743	754	Basalt, black, soft, some quartz, cs layers, grn	
754	759	Basalt, gray & brown, med-soft, ves, cs, grn	
759	787	Basalt, dk gray, med-soft, ves, some cs, grn	
787	790	Basalt, dk gray, hard, fractured	
790	793	Bslt, dk gry, med-hard, frac, ves, some quartz & cs,	grn
793	796	Basalt, gray, hard, frac	
796	805	Basalt, dk gray, med-hard, frac, ves	
805	808	Basalt, gray, med-hard, broken	
808	812	Basalt, gray, med-hard, frac	
812	816	Basalt, gray, hard, frac	
816	826	Basalt, med, dk gray, med-hard, frac	-
826	834	Basalt, dk gray, med-hard, frac, ves	,
834	838	Basalt, gray, med-hard, frac	
838	851	Basalt, gray, hard, frac	
851	854	Bslt, gry & grn, md-sft, well frac, some cs, blk-grn	
854	861	Basalt, brown, med, well frac, w/cs, yellow	
861	868	Basalt, gray, hard, frac	
868	869	Basalt, brown & gray, med, well frac, w/cs, yellow	_
869	874	Basalt, gray, hard, frac	
874	884	Basalt, blk, med-soft, ves, w/cs, blue-grn	
884	887	Basalt, dk gray, med-hard, frac, some ves	<u></u>
887	890	Basalt, dk gray, med-hard, frac	
890	898	Basalt, dk gray, med, brkn, ves, w/cs, blue-grn	
898	903	Basalt, brn-red, med, brkn, ves, w/cs, blue-grn	
903	905	Basalt, gray & brn, med, brkn, ves, w/cs, blue-grn	
905	909	Basalt, gray, med-hard, frac, some ves, w/some cs, bl	ue-grn
909	916	Basalt, gray, med-hard, frac	
916	931	Basalt, gray, hard, frac	
931	940	Basalt, dk gray, med-hd, brkn, ves, w/cs, blue-grn	
940	942	Basalt, dk gray, med-hard, brkn	
942	961	Basalt, dk gray, hard, frac, w/some quartz	
961	969	Basalt, gray, m-h, frac, some cs, gray	
969 977	977	Basalt, gray, soft, brkn, ves, w/cs, blue-grn	
983	983 985	Basalt, brn, broken, soft, w/cs, blue-grn	
703	703	Basalt, red-brn, brkn, soft, w/clay & cs, brn-grn	

985	987	Basalt, soft, brkn, vest claystone, blue-grn & brn
987	989	
989	991	Basalt, dk gry, brkn, soft, w/cs, blue-grn, some quartz FEB - 9 1994 Basalt, gray-brn, med, brkn, w/cs, blue-grn
991	993	Basalt, gray & brown, med, frac WATER RESOURCES DEPT.
993	995	Basalt, dk gray, med, frac, w/cs, blue-grn SALEM, OREGON
995	999	Basalt, brn, med, frac, w/some cs, blue-grn
999	1002	Basalt, gray, med, frac, w/some cs, blue-grn
1002	1017	Basalt, gray, hard, frac
1017	1018	Basalt, gray & red, brkn, med-soft, w/cs, blue-grn
1018	1019	Basalt, red, brkn, ves, med, w/cs, blue-grn
1019	1020	Basalt, gray w/red, brkn, med, ves, w/cs, blue-grn
1020	1029	Basalt, gray, med, brkn, ves, w/cs, blue-grn
1029	1036	Basalt, brown, med, frac
1036	1062	Basalt, gray, hard, frac
1062	1064	Basalt, gray, frac, med-hard
1064	1067	Basalt, brn-gray, frac, med
1067	1069	Basalt, yellow & red, frac, med-soft, w/some clay
1069	1074	Basalt, yellow & red, some ves, brkn, soft
1074	1077	Basalt, yellow-brn, brkn, some ves, med-soft
1077	1080	Basalt, red-brn, brkn, some ves, soft
1080	1091	Basalt, red, brkn, some ves, soft
1091	1092	Basalt, dk red w/some yellow-brn, brkn, ves, soft
1092	1094	Basalt, gray, frac, med
1094	1095	Basalt, brn w/orange, ves, frac, med, w/cs, blue
1095	1100	Basalt, brn-gray, ves, frac, med, w/some cs, blue
1100	1103	Basalt, gray w/red, frac, med, some quartz
1103	1108	Basalt, gray w/blue, frac, some ves, med-hard
1108	1112	Basalt, gray, some ves, frac, med-hard, w/cs, blue-grn
1112	1174	Basalt, gray, frac, hard
1174	1176	Basalt, gray, some red, med-hard, frac, w/some cs, blue-grn
1176 1178	1178	Basalt, gray & red, med, frac, w/cs, blue-grn
1178	1179 1180	Basalt, red, med-soft, frac, w/some sandstone, coarse, blue-grn
1179	1185	Basalt, red, med, frac, w/some ves
1185	1189	Basalt, red-brn, med-hard, frac
1189	1192	Basalt, red w/some drk gray, med-soft, ves
1192	1193	Basalt, brown w/some red & gray, med, brkn, some ves
1193	1194	Basalt, brn, med-hard, frac, some ves
1194	1245	Basalt, gray-brn, med-hard, frac Basalt, gray, med-hard, frac
1245	1267	Result gray w/some han med soft halos are to the
1267	1268	Basalt, gray w/some brn, med-soft, brkn, ves, w/cs, blue-grn, & some ss, blue-grn Bslt, gray w/some brn, med-soft, brkn, ves, w/cs, blue-grn, & some ss, blue-grn
1268	1275	Bslt, gry w/some brn, md-sft, brkn, ves, w/cs, blue-grn, w/some ss, crse, blue-grn Basalt, gray & brownish red, med-soft, brkn, ves
1275	1282	Basalt, gray w/some brn, med-hard, frac

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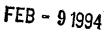


WATER RESOURCES DEPT.



DRAW DOWN (FT)





WATER RESOURCES DEPT. SALEM, OREGON

