STATE OF OREGON

JNIO 249

WATER WELL REPORT WATER RESOURCES L(START CARD) # 65113 (as required by ORS 537.765) Instructions for completing this report are on the last page of this form. SALEM, OREGON (9) LOCATION OF WELL by legal description: (1) OWNER: Well Number City of Island City County Union Latitude Longitude Name 38 10202 S. McAlister Road Township N orXXXRange Island City 97850 3 NW SW 1/4 State Section (2) TYPE OF WORK Lot Block Subdivision Tax Lot Street Address of Well (or nearest address) Walton Road XXNew Well Deepening Alteration (repair/recondition) Abandonment (3) DRILL METHOD: (10) STATIC WATER LEVEL: XXRotary Air Rotary Mud Cable Auger Date 7/29/94 50' ft. below land surface. Other Date (4) PROPOSED USE: Artesian pressure Ib. per square inch. (11) WATER BEARING ZONES: Domestic **XX**Community Industrial Irrigation Thermal Injection Livestock Other (5) BORE HOLE CONSTRUCTION: Depth at which water was first found Special Construction approval Yes No Depth of Completed Well 490 ft. To Estimated Flow Rate SWL From Explosives used Yes XXNo Type Amount HOLE SEAL Diameter From Material From Sacks or pounds SEE ATTACHED 28" 8 Granular 0 8 2400# Bentonite 28" 230Concrete 8 230 30 yards 19" 230 490 (12) WELL LOG: $\prod D$ ΠE \Box B How was seal placed: Method A Ground Elevation Colorado Other SWL Material Silica sand From Backfill placed from ft. to ft. Material То 200 ft. to 460 ft. Size of gravel 6-9 Gravel placed from 5/16 gravel from 460-490(6) CASING/LINER: Welded To Gauge Steel Plastic 230.375XX 20" SEE ATTACHED XX Casing П П 460.365XX 10" 205 Liner: Final location of shoe(s) (7) PERFORATIONS/SCREENS: Perforations Method Type Houston Material S.S. X Screens Slot Tele/pipe From Diameter Casing Liner Number SEE ATTACHED BACK PAGE П П 7-29-94 6-13-94 (8) WELL TESTS: Minimum testing time is 1 hour Completed (unbonded) Water Well Constructor Certification: Flowing I certify that the work I performed on the construction, alteration, or abandonment Bailer Air Artesian X Pump of this well is in compliance with Oregon water supply well construction standards. Yield gal/min Drawdown Time Materials used and information reported above are true to the best of my knowledge 1000 108' 36hr⊦⊪ and belief. 1500 120' 5 hr. WWC Number 2000 192' hr. (bonded) Water Well Constructor Certification: Temperature of water Depth Artesian Flow Found I accept responsibility for the construction, alteration, or abandonment work Was a water analysis done? X Yes By whom Coffey Labs, performed on this well during the construction dates reported above. All work Did any strata contain water not suitable for intended Rend Le frontile OR performed during this time is in compliance with Oregon water supply well This report is true to the best of my knowledge and belief. Salty Muddy Odor Colored Other Depth of strata:

UNIO 2496

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SEP 1 2 1994 WATER RESSURCE SALEM. OREGON

FINAL DESIGN

ISLAND CITY WELL NO. 4 July 12, 1994

Upper 20-inch Casing	<u>Length</u>
+ 2 ft. to 230 ft. Casing	232 ft.
Grout Seat	
8 ft. to 230 ft.	222 ft.
Upper 16-inch Casing (final position)	
+ 2 ft. to 220 ft. Casing	222 ft.
Lower 10-inch Casing and Screen	
205 ft. to 210 ft. Casing 210 ft. to 213 ft. Screen 213 ft. to 235 ft. Casing 235 ft. to 258 ft. Screen 258 ft. to 268 ft. Casing 268 ft. to 274 ft. Screen 274 ft. to 292 ft. Casing 292 ft. to 296 ft. Screen 296 ft. to 302 ft. Casing 302 ft. to 310 ft. Screen 310 ft. to 329 ft. Screen 319 ft. to 329 ft. Casing 319 ft. to 329 ft. Screen 329 ft. to 334 ft. Casing 334 ft. to 344 ft. Screen 344 ft. to 360 ft. Casing 360 ft. to 370 ft. Screen 370 ft. to 416 ft. Casing 416 ft. to 422 ft. Screen 422 ft. to 430 ft. Casing 430 ft. to 450 ft. Screen 450 ft. to 460 ft. Casing Bail Bottom	5 ft. 3 ft. 22 ft. 23 ft. 10 ft. 18 ft. 4 ft. 9 ft. 10 ft. 10 ft. 16 ft. 46 ft. 8 ft. 20 ft.
Summary 10-inch 50 Slot Screen 10-inch Casing	100 ft. 155 ft.
Filter Pack	

200 ft. to 460 ft. 6-9 Colorado Silica Sand

UNIO 2496

WATER SUPPLY IMPROVEMENTS - WELL NO. 4

DRILLER: TERRY DAUGHERTY

REVERSE ROTARY

WELL DRILLER'S REPORT

ISLAND CITY, OREGON

REPORTED BY:

DATE: QUE 17, 94

TIME	DEPT	Н	FORMATION DESCRIPTION	DRILL STEEL	DRILLING	COMMENTS
	FROM	то		FOOTAGE	CHARACTERISTICS	(mud loss, sample locations,
					(hard, soft, broken,	static water level, mud added, etc.)
	杨芳林唯		Conference of the Conference o		caving, etc.)	
6-17-94	0	10	You soil	W. W. B. SAR		
	10	11	Top Soil			
Halikis	11	12	Brown Clay		soft	
	12	14	RIVER ROCK + SAUD		Rock 6"- 10"	
在位地	14	19	RIVER ROCK + SAUD		Rock 6"- 10"	
	19	24	RIVER ROCK + SAND		Rock 6"-10"	
WARDS.	24	30	RIVER ROCK + SAND		Rock 6"- 10"	
6-18-9	1 30	34	RIVER ROCK + SAND		Rock 6" - 10"	
	34	40	RIVER ROCK + SAND		Rock 6"- 10"	
6-19-94	MO	44	River Rock + SAND		Rock 6'- 8"	
	44	50	RIVER BOCK + SAND		Rock 6"-8"	
6-20-94	50	54	RIVER ROCK + SAND FOR	Kenel Kock	Rock 6'-	
	54	95	11 1 Frantured Ro		11	
	55	60	Rin Rock or Strong. O	Geore!	"	
	60	64	1) Title	May on Rocks	4	
697 697 697 703	64	45	RIVER ROCK + SAND	gravel	ROKEN ROCK SWIT	tal to gear bit
	69	68	smeller Rock & Jan			
	62	70	Land.			
	70	75	Brack Rock SAND			

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	FROM	то		FOOTAGE	CHARACTERISTICS	(mud loss, sample locations,
					(hard, soft, broken,	static water level, mud added, etc.)
				A STATE OF THE STA	caving, etcy	
	75	80	Broken Rock + SAND		Some 3" Rock	
	80	85	" R A			
EN	ENTRE DE LA CONTRACTOR	90	" " "	Fad for Ene.		
6/21/94	90	94	Broken Rock SANC		TO A CONTRACTOR	
	अभ	96	Brown clay w Rock		soct	
	96	100	Broker Rock sand		3" lock	A COMMON TO SERVICE AND A SERV
	100	105	Broken Rock SAND			
	105	107			soft	
	STATE OF THE REAL PROPERTY.	STATES THE PARTY.	Brown Clay		so ft	
	110	115	Brown clay		5-5+	
ESTATE OF	SUPERIOR STATE	120	Broken Rick sand		3" Roas	
	120	CHEST CONTRACTOR	u u u u			设置以设备的国际公司,
	125	130	u ic aic	to.		
	130	132	Brow 0/44	So	3094	
	132	135	Broken Lock SARY		3" Rock	
	135	140			gur (
	140	149	River Roll of sand	5 to in the	THING AXET CLAY	chang oit Drag
6-22-9	CONTRACTOR SECTION	150	River Rock + SAND		3 Rock	change BACK (BOCK Bit)
	150	155	RIJER ROCK + 94md	1000 位置的	3"(· · · · · · · · · · · · · · · · · · ·

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REPORTED BY:

DATE:

TIME	DEPT	Н	FORMATION DESCRIPTION	DRILL STEEL	DRILLING	COMMENTS
	FROM	то		FOOTAGE	CHARACTERISTICS (hard, soft, broken, caving, etc.)	(mud loss, sample locations, static water level, mud added, etc.)
22/94	155	160	RIVER ROCK . SAND		3" form	
	166	143	RIVER ROCK CLAY	9.0	soft British Clay	
	163	165	RIVER ROCK SAND	CEMented)	3 lock	
	165	126	liver lock cemented &	and on Rock		
	1228500000000000000000000000000000000000	170	RIVER BOCK CEMENTED SA	ud on fock		
	170	172	River Rock W layer	8 CLAY		
	172	176	River lock w committed	SAUL ON ROCK		
	174	178	liver have comented		HARC	
	178	180	RICE LOCK (Brown SANG	LAYER)		
	150	185	Row lock weom can	year lak		
	185	189	Liver for w comenter		(Brews Color)	
	199	190	River lock is	44.	To green color.	
	190	198	River Rock w Hard Green		(commerced layer)	A TANKS AND
	198	200	Place Roll of comental)	DA NEDERNEDRO FRANCES A CHORUS AND A SECULIAR A	\$200 April 100 A	
	200	205	Zium Rock w greek		(Emented Infer)	
	205	20	River Rock U dand when I	E TERRESONAL DESTRUMENTATIONS FOR	layer sol sandday	
	210	215	RIVER ROCK LAYER OF HAY	d green Clay	+ occupied layer	
	215	220	River Rock Layer Color	LAVER CALL	LAY FORD SAUDY	
	120	NAME AND ADDRESS OF THE OWNER, WHEN PARTY OF THE OWNER, WHEN PARTY OF THE OWNER, WHEN PARTY OF THE OWNER, WHEN	RIVER ROCK LYAT SAND C	dy cement f	K SEEN CIAY	TAKE MORE WATER

UNIO 2496

WATER SUPPLY IMPROVEMENTS - WELL NO. 4

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WELL DRILLER'S REPORT	
ISLAND CITY, OREGON	
REPORTED BY:	
DATE:	100

TIME	DEPT	H	FORMATION DESCRIPTION	DRILL STEEL		DRILLING	COI	MMENTS
	FROM	то		FOOTAGE		ARACTERISTICS		sample locations,
						rd, soft, broken,	static water lev	el, mud added, etc.)
				ey.	4	caving, etc.)		1
2229	225	276	ROCK W SAND RIM					
	226	230	ROCK W layer cemente	d				
	230	235	Rock w sand alay					1
	235	240	River Rock + sand		1			
OK.	500FVD5/50/6-	243	River Rock + SAND	物色质的			Part Control	
	243	250	Livel lock + 34 No	loged for E	wis	70		
-23-94		255	er 10 10	A MARINE				
	BASSAN AND	260	RIVERIROCK W SAND			The Late of		
Series .	260	150 (DE 303)161	SAND		1			
	高性 AND PROPERTY.	265	RIVER ROCK W SAUD W	LAVER GRAY	CAY			
	265	CHEST CONTRACTOR		CONTRACTOR	- HEDGES HOE	clay ou Rock		100000000000000000000000000000000000000
	270	275	RIVER ROCK W 114 SAND	WICKLIES CONDITIONAL COOL CONTROL	CO M-P. C. F. F. C.	\$60,500 (\$10,500 \$10,500 \$10,0	SUBSECULAR PROPERTY OF THE PRO	The State of
	SERVICE CONTRACTOR	C WINDSHIPS OF THE	a or pros	L.	UMA	2 4 6	6 11	
		282		000		. 1.		
THE STATE OF	280	A SECULAR DESCRIPTION	River Rock W STAY CA	- 01				
	CASH AND THE	DOWN GOARS	THE RESIDENCE OF THE PERSON OF		0. 1	waren clay	13412 286	
	283	1966			(00)	P GLASO CIAN	+ Cry day	
	289	290	Gray Clay w Rock	soft				
	290	it interprepared in	in in wheek	日本教会 第二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十		321		
	291	293	ROCK + SAND		HE BE	15		

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ISLAND CITY, OREGON

REPORTED BY:

DÂTE:

TIME	DEPT	Ή	FORMATION DESCRIPTION	DRILL STEEL	DRILLING	COMMENTS
	FROM	FROM TO	FOOTAGE	CHARACTERISTICS (hard, soft, broken, caving, etc.)	(mud loss, sample locations, static water level, mud added, etc.)	
	293	296	RIVER ROCK W SAND		33	
	296	300	GRAY CLAY	soft	<u> </u>	
	300	305	River Rock W little Bit	William William	211'	Section 19 19 19 19 19 19 19 19 19 19 19 19 19
	505	310	River Rock W 54ND			
	310	311	Kin of A			是古经历、他的历史是自己的
	311	315		Gray layer sa	mg 311	
	315	320	River ROOK U SAND	1	(151	AT SECURIOR SECURITION
	320	325	u u u u u	NEW YORK THE	511	
	325	330	CORSE SAND	Professional Control		
	330	333	gray clay	soft		
	333	338	Rock w SAND		} 5'	
	338	340	ROCK W CEMENTED .	green Stay	+ SAND HARD	
	340	344	CONTRACTOR OF THE PARTY OF THE	n n u	IL HARD 344	The same of the sa
	344	346	1 20 1 7 21	it is h	n	
	346	347	CORSE SAND	Edit William	Committee of the commit	
	3417	349	ROCK W CEMENTED W	5 sand	itard	
	349	350	Rock a saud job	e gray cli	44	STATE OF STA
	350	355	fock w cross con	ented itand	In the same of the	The state of the s
	353	355	lock comental Gr	eer	MARÓ	

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DATE:		

TIME	DEPT	ГН	FORMATION DESCRIPTION	DRILL STEEL	DRILLING	COMMENTS
	FROM	то		FOOTAGE	CHARACTERISTICS	(mud loss, sample locations,
					· (hard, söft, broken,	static water level, mud added, etc.)
55. ASS.	4.042				caving, etc.)	HALL CONTRACTOR OF THE STATE OF
660-10	17970312909630		Rive ROCK W green HAR	Clay SOME	Consuled	
1	360	365	PIVE ROCK W SAND			
	365	366	il il 15 ;		>10'	
Design of the last	366	360	corse sava			
	367	370	ROCK W SAVE.			
	370	376	ROCK C SAND 1 Ayer 37	5 CEMented Ro	ex green Lossid.	for EUB-
	375	378	" "			
	378	39%	ROCK W CLAY + W SAND AT	END		
6-24-94	381	383	medium Sand.			4
	383	385	Sand & Sharpl		1)	
	385	387	Gravel of Sail with	thenh of	Then Stale	
	387	388	Commenter Saf & Showol.			
	388	390	Show & Saul with &	seen shell		
建筑	390	395	RIVE ROCK W SAND	新一种学术的	7061	
	395	396	11 11 11		X	
10000	396	S STATE MESON	GRAY CLAY			
1	397	399	RIVER ROCK W SAND	1	2	
	399	400	River ROCK W CEMENTO	SAND		
Line and	400	E SHOULD SERVE	River Rock GAND	<u> </u>	3 , 1	

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REPORTED BY:	Sec.
DATE:	

TIME	DEPT	H	FORMATION DESCRIPTION	DRILL STEEL	DRILLING	COMMENTS
	FROM	то		FOOTAGE	CHARACTERISTICS (hard, soft, broken, caving, etc.)	(mud loss, sample locations, static water level, mud added, etc.)
新海	401	402	Gray clay			
	402	406	River ROOK W SAMD	34'	Ship was a said	
	406	407	RICHER ROCK W Gray C	lAV		
	407	410	GRAY CLAY			
	410	415	Gray clay w sand	ALEGA IN CAR		
1000	415	449	colsé sand			
	419	420	RIVER ROCK SAND	7) was to	
	420	421	11 (1 11	1		
	421	422	colse sand			
	422	423	Bray Clay w little	Lock		
	423	427	Stry clay			
	427	130	layer clay + sand			
0	430	435	ROCK + SAND			
	435	440	u u			0
	449	445	1.		124 726 4 1911	Mark Coastable Profession
	445	450	n H			· ·
	450	455	River Lock W GREEN C	JAY CEMENT	d HArd	
1-48-8	455	457	te in the second	4 14		
	457	458	River ROCK W CLAY			

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DATE	

TIME	DEPTH		FORMATION DESCRIPTION		DRILL STEEL		DRILLING	COMMENTS		
	FROM	то	то			FOOTAGE		CHARACTERISTICS	(mud loss, sample locations,	
								(hard, soft, broken,	static water level, mud added, etc.)	
								caving, etc.)		
	458	460	RIVER	Rock w	comente	green	clay	HARD		
	460	465	W	10	· · · ·	11	11	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
	465	469	N	11	K	T.	u	1		
	469	470	Brow	UN CIA	ty we	ok.				
	470	474	GrA	THE PROPERTY OF THE PARTY OF TH						
	474		The second secon	AND DESCRIPTION OF THE PERSON NAMED IN COLUMN 1	CEMENTO	areen.	clan	Haed		
	480	485	T.C	u	i,	1-	1.	(
	485	486	11	r (K		11	1)	SHARE THE STATE OF SHARE	
	486	Action to the second	ANGELLAND	clay w	SUR NO DINGS OF SUR-		FAST S			
	7 00		MAY	CIAY W	KOUN		•			
	\$10.45.A	100 S A A A	NAME OF TAXABLE PARTY.				92.85		NAME OF THE PROPERTY OF THE PR	
			STEATHER							
			STATE OF THE			September 18	OT MALE			
					1000					
4		1		A SA STATE						
			the state of						The second second second second	
			HE TO SE		V 180 C 180	W 39 15			1	
					de a la como de a					
			SE WALL							

UNIO 2496 WELL LOG #4 CITY OF ISLAND CITY \$32.75 13.25 \$23.05 \$32.05 \$32.05 \$32.05 \$32.05 \$32.05 \$32.05 \$32.05 \$3.05 \$3.05 \$3.05 \$3.05 \$3.05 \$3.05 \$3.05 235-260 RIVER ROCK WITH SAND 260-261 SAND 261-265 RIVER ROCK WITH SAND WITH LAYER SRAY CLAY 263-270 RIVER ROCK WITH SAND WITH GREENIGRAY CLAY ON ROCK 268' TO 274' IO' WELL SCREEN WITH CENTERING GUIDES 270-262 RIVER ROCK WITH SAND WITH LAYER GREEN CLAY CEMENTED ON ROCK 202-205 RIVER ROCK WITH GRAY CLAY

203-209 RIVER ROCK WITH SAND WITH LAYER CEMENTED ROCK WITH LAYER
GRAY CLAY 274' TO 292' IO' LINER WITH CENTERING GUIDES 289-291 GRAY CLAY WITH RIVER ROCK (50FT) 291-296 RIVER ROCK WITH SAND 292' TO 296' IO" WELL SCREEN WITH CENTERING GUIDES 296-300 GRAY CLAY (50FT) 300-311 RIVER ROCK WITH SAND 311-315 GRAY CLAY WITH SAND (SOFT) 315-325 RIVER ROCK WITH SAMP -310' TO 319' 10' LINER WITH CENTERING GUIDES 319' TO 329' 10" WELL SCREEN WITH CENTERING GUIDES 525-330 COARSE SAND 330-333 GRAY CLAY (50FT) 333-338 RIVER ROCK MITH SAND - 329' YO 354' IO' LINER WITH CENTERING GUIDES 334' YO 344' IO' WELL SCREEN WITH CENTERING GUIDES 538-346 RIVER ROCK WITH SAND, CEMENTED (GREEN) MARDS - 344' YO 360' IO" LINER WITH CENTERING GUIDES 360-366 RIVER ROCK WITH SAND 367-370 RIVER ROCK WITH SAND 370-378 RIVER ROCK WITH SAND, CEMENTED (GREEN) 376-361 RIVER ROCK MITH CLAY
361-363 MED. SAND
363-365 RIVER ROCK MITH SAND
363-365 RIVER ROCK MITH SAND MITH STREAKS OF GREEN CLAY
367-366 RIVER ROCK CESENTED
367-366 RIVER ROCK MITH SAND MITH STREAKS OF GREEN CLAY
367-366 RIVER ROCK MITH SAND MITH GREEN CLAY FILTER PACK 6-9 SIEVE COLORADO SILICA SAND 396-397 GRAY CLAY
397-398 RIVER ROCK WITH SAND
399-401 RIVER ROCK WITH CEMENTED SAND (6
401-402 GRAY CLAY
402-408 RIVER ROCK WITH SAND 401-402 BILLY ROCK WITH SAND 406-407 RIVER ROCK WITH SRAY CLAY 407-410 GRAY CLAY 410-415 GRAY CLAY WITH SAND 415-419 COARSE SAND 419-421 RIVER ROCK WITH SAND 422-427 GRAY CLAY WITH RIVER ROCK 427-430 GRAY CLAY WITH SAND 430-450 RIVER ROCK WITH SAND ş 450-469 RIVER ROCK CEMENTED (GREEN) (HARD) BAH BOTTOM 469-470 BROWN CLAY WITH RIVER ROCK CITY 474-486 RIVER ROCK CEMENTED (GREEN) (HARD) WELL RECORD DRAWINGS WELL NO. 4 486-490 GRAY CLAY WITH RIVER ROCK FLUID TEMPERATURE FLUD RESISTINTY CITY

