State of Oregon WATER WELL REPORT (as required by ORS 537.765)

Page 1 of 2

State Well ID L60639 Start Card # 155433

Name RESO WATER ASSULTATION SET OR 21p 97009 City SOCING City Socient City Market Socing City Market Socing City Market Socing City Market	(1) OWNER: Well No. L60639	(9) LOCATION OF WELL by legal description: County CLACK Lat. ° ' " Long. ° ' "
Address PO BOING Stry SORING Stry SORING Stry SORING Stry SORING STORY 219 97009 RECEIVED RECEIVED RECEIVED RECEIVED RECEIVED Received Receiv	Name KELSO WATER ASSOCIATION INC	Opanie / Decision
(2) TYPE OF WORK: NEW WELL (3) DRILL METHOD: ROTARY MUD JUN 1 R 2003 (4) PROPOSED USE: COMMUNITY WALE PESOLUTIES GEPT. (5) BORE HOLE CONSTRUCTION: Special Construction Approval NO Explosive used NO Type NOULE Depth of Compl. Mell 460 ft From To Amount 18 0 340 BENTONITE 0 6 12 SANCS 12 340 480 CEMENT 6 340 283 SANCS Seal placement method *SEE FORMATION Backfull, fromft toft Material Research of to 540 ft Size 10-20SND Gravel: From To Gauge Material Connection Office Casing 12 +1 340 .250 STEEL WELDED Liner 81 -4 380 .250 STEEL WELDED Liner 81 -4 380 .250 STEEL WELDED Material STAINLESS STEEL Liner 81 -4 380 .250 STEEL WELDED Material STAINLESS STEEL WELDED Material STAINLESS STEEL Liner 81 -4 380 .250 STEEL WELDED Material STAINLESS STEEL Liner 81 -4 380 .250 STEEL WELDED Material STAINLESS STEEL Liner 81 -4 380 .250 STEEL WELDED Material STAINLESS STEEL Liner 81 -4 380 .250 STEEL WELDED Material STAINLESS STEEL WELDED Material STAINLESS STEEL Liner 81 -4 380 .250 STEEL WELDED Material STAINLESS STEEL WELDED Material STAINLESS STEEL Liner 81 -4 380 .250 STEEL WELDED Material STAINLESS STEEL WELDED Material STAINLESS STEEL Liner 81 -4 380 .250 STEEL WELDED Material STAINLESS STEEL WELDED Material STAINLESS STEEL WELDED Material STAINLESS STEEL Liner 81 -4 380 .250 STEEL WELDED Material STAINLESS STEEL WELDED Material STAINLESS STEEL Liner 81 -4 380 .250 STEEL WELDED Material STAINLESS STEEL WELDED Material STAINLE	s+ OP 7 in 970	09 Section 3 SE 1/4 SW 1/4
(10) PROPOSED USE: COMMUNITY WALE DEVANCES DEST. SALE for Lelow land surface. Artesian pressure	(2) TYPE OF WORK: NEW WELL RECEIV	Street Address of Well (or nearest Address)
(4) PROPOSED USE: COMMUNITY WATER INJUSTICAL Special Construction Approval No Depth of Compt. Hell 460 ft (11) MATER BEARING ZONES: Special Construction Approval No Depth of Compt. Hell 460 ft (11) MATER BEARING ZONES: Depth at which water was first found 76 Explosives used No NOLE 700 No. 1		(10) STATIC WATER LEVEL.
Special Construction Approval NO Depth of Compt. Well 4 and The Explosives used NO Type SEAL NO. 19 SEAL SOURCE SEAL SEAL SOURCE SEAL SEAL SOURCE SEAL SEAL SEAL SEAL SEAL SEAL SEAL SEA	(4) PROPOSED USE: COMMUNITY WATER RESOURCE SALEM, OREC	A' (((a))) JXX TT. DELOW CONG SUCCESS
Depth at White Master as SUL NOLE NOLE NOLE NOLE NOLE NOLE NOLE NOL	(5) BORE HOLE CONSTRUCTION:	460 ft (11) WATER BEARING ZONES:
NOLE SEAL Diam. From To Material From To Amount 76 275 N/A N/A N/A 18 0 340 BEMTONITE 0 6 12 SACKS 250 275 N/A N/A N/A 12 340 480 CEMENT 6 340 283 SACKS 288 310 N/A N/A N/A N/A 12 340 480 CEMENT 6 340 283 SACKS 288 310 N/A	Special devices as a series of	Depth at which water was first rounded by Boto Sui
Diam. From To Naterial From To Amount 76 1115 118 118 0 34.0 BENTONITE 0 6 12 SACKS 250 275 M/A M/A M/A 118 128 340 480 CEMENT 6 340 283 SACKS 298 310 M/A	' AFA1	From To Est Flow Rate
Seal placement method SEE FORMATION Seal placement method Seal placement Seal placem	- Material From To Amo	unt 76 115 N/A N/A
Seal placement method	0 6 12	SACKS 250 273 N/A N/A
Seal placement method "Stet FORMAITON Backfill: from "ft to "ft Material "Gravel: from 20 ft to 460 ft Size 10-20SND	740 283	SACKS 298 258 25 CPM 288
Backfill: from _ff t to _ft Material Gravel: from 20 ft to 460 ft Size 10-20SND	The design of th	(12) WELL LOG:
TOP SOIL 2 19 (6) CASING/LIMER: Diam. From To Gauge Material Connection WELDED STEEL WELDED STEEL WELDED SAMDY RED CLAY & BOULDERS 19 Liner 8" -4 380 .250 STEEL WELDED SAMDY RED CLAY 50 70 Final Location of shoe(s) STEEL WELDED SAMDY BROWN CLAY 50 70 (7) PERFORATIONS/SCREENS: L) Perf. Method DIAM. Size Casing/Liner Size Number Diam. Size Casing/Liner Size Casing/Liner Size Number Diam. Size Casing/Liner Size Number Dia	Seal placement method "SEE FORMATION"	From To SVI
(6) CASING/LINER:	Backfill: from ft to ft Size 10-209	Material Material
(6) CASING/LINER: Diam. From To Gauge Material Connection Casing 12 +1 340 .250 STEEL WELDED Liner 8" -4 380 .250 STEEL WELDED Liner 8" -4 380 .250 STEEL WELDED Liner 8" -4 380 .250 STEEL WELDED Final Location of shoe(s) (7) PERFORATIONS/SCREENS: [] Perf. Method [X] Screens Type JOHNSONS Material STAINLESS STEEL South Tele/pipe From To Size Number Diam. Size Casing/liner 380 400 30 8 TELE LINER 410 430 20 8 TELE LINER 410 430 460 10 8 TELE LINER 410 430 460 10 8 TELE LINER 410 450 20 8 TELE LINER 450 460 10 8 TELE LINER 450 460 460 460 460 460 460 460 460 460 46	Gravet: 11 oil 20 11 to 400 11	TOP SOIL 2 19
Diam. From To Gauge Material Connection WELDED Casing 12 +1 340 .250 STEEL WELDED Liner 8" -4 380 .250 STEEL WELDED Liner 8" -4 380 .250 STEEL WELDED Final Location of shoe(s) C7) PERFORATIONS/SCREENS: C8 Stot Tele/pipe S1ot Tele/pipe S1ot To Size Number Diam. Size Casing/Liner 380 A00 30 _ 8 TELE LINER 400 410 25 _ 8 TELE LINER 400 410 25 _ 8 TELE LINER 410 430 20 _ 8 TELE LINER 410 430 460 10 _ 8 TELE LINER 410 430 460 10 _ 8 TELE LINER 410 430 460 10 _ 8 TELE LINER 410 GPM down at Time 75 138 1hr. C8) WELL TESTS: Minimum testing time is 1 hour Test type PUMP Test type PUMP Tenterparature of water 52F Depth Artesian Flow Found Was water analysis done? NO By whom Reason for water not suitable for use Draw Dried 06/12/03 Signed _ Material surable for use Draw Dried 06/12/03 Signed	(4) CASING // INED:	RED CLAY
RED CLAY SANDY RED CLAY TO 76 RED CLAY SANDY RED CLAY TO 76 RED CLAY THE GRAVEL & BOULDERS THE GRAVEL WITH BOULDERS THE GRAVEL & BOULDERS THE GRAVEL WITH BOULDERS THE GRAVEL WITH BOULDERS THE GRAVEL WITH BOULDERS THE GRAVEL & BOULDERS THE GRAVEL WITH BOULDERS THE GRAVEL & BOULDERS THE GRAVEL WITH BOULDERS THE GRAVEL & BOULDERS THE GRAVEL & BOULDERS THE GRAVEL & BOULDERS THE GRAVEL WITH BOULDERS THE GRAVEL & BOULDERS THE GRAVEL WITH BOULDERS THE GRAVEL W	· · · · · · · · · · · · · · · · · · ·	oction SANDY RED CLAY & BOULDERS
SAMOY RED CLAY TO 76 RED CLAY TO 76 FINE GRAVEL & BOULDERS FINE GRAVEL & BOULDERS FINE GRAVEL & BOULDERS THE GRAVEL AUTH SEAMS OF BROWN CLAY THE CLAY HITH SEAMS OF BROWN	Diametric Alexander	D RED CLAY
Final Location of shoe(s) (7) PERFORATIONS/SCREENS: [] Perf. Method [X] Screens Type JOHNSONS Slot Tele/pipe Slot Tele/pipe From To Size Number Diam. Size Casing/liner 380 400 30 8 TELE LINER 430 460 10 8 TELE LINER 430 460 10 8 TELE LINER (8) WELL TESTS: Minimum testing time is 1 hour Test type PUMP Draw	Casing 12	SANDY RED CLAY
Final Location of shoe(s) (7) PERFORATIONS/SCREENS: [] Perf. Method [X] Screens Type JOHNSONS Material STAINLESS STEEL From To Size Number Diam. Size Casing/liner 380 400 30 8 TELE LINER 400 410 25 8 TELE LINER 410 430 460 10 8 TELE LINER 400 410 25 8 TELE LINER 430 460 10 8 TELE LINER WELL TESTS: Minimum testing time is 1 hour Test type PUMP Yield GPM down at Time 75 138 138 118 126 1 hr. Temperature of water 52F Depth Artesian Flow Found Was water analysis done? NO By whom Reason for water not suitable for use Fine GRAYEL & BOULDERS 115 126 140 147 147 205 140 147 147 205 140 147 147 205 140 147 147 205 141 147 147 147 205 141 147 147 147 147 147 147 147 147 147		RED CLAY
Liner 8" -4 380 .250 STEEL WELDED SANDY BROWN CLAY WITH BOULDERS 126 140 SANDY BROWN CLAY WITH BOULDERS 140 147 205 SANDY GRAY CLAY WITH SEAMS OF BROWN CLAY 205 265 WB MEDIUM BLACK SAND 265 275 WB MEDIUM BLACK SAND 265 275 WB MEDIUM BLACK SAND 275 293 SANDY BROWN CLAY 275 293 SANDY		FINE GRAVEL & BOULDERS
Final Location of shoe(s) (7) PERFORATIONS/SCREENS: [] Perf. Method [X] Screens Type JOHNSONS Material STAINLESS STEEL SANDY GRAYEL WITH SEAMS OF BROWN CLAY 205 265 WB MEDIUM BLACK SAND 205 275 WB MEDIUM BLACK SAND 275 293 298 Slot Tele/pipe BROWN CLAY 205 265 WB MEDIUM BLACK SAND 275 293 298 Slot Tele/pipe BROWN CLAY 275 293 298 Slot Tele/pipe BROWN CLAY 275 293 298 Slot Tele/pipe BROWN CLAY 275 293 298 Slot SANDY BROWN CLAY 275 293 298 Slot William Size Casing/liner SANDY BROWN CLAY 275 293 298 Slot Well CLAY WITH SEAMS OF SAND 298 310 WB SANDY BROWN CLAY 310 381 SANDY BROWN CLAY 310 SANDY BR	-4 380 250 STEEL WELD	FD SANDY BROWN CLAY
SANDY GRAY CLLAY (7) PERFORATIONS/SCREENS: [] Perf. Method [X] Screens Type JOHNSONS SIDENTELL LINER From To Size Number Diam. Size Casing/liner 380 400 30 8 TELE LINER 400 410 25 8 TELE LINER 430 460 10 8 TELE LINER 430 460 10 8 TELE LINER WELL TESTS: Minimum testing time is 1 hour Test type PUMP Draw- Test type PUMP Draw- Tield GPM down at Time Yield GPM down at Time 75 138 12 hr. Temperature of water 52F Depth Artesian Flow Found Was water analysis done? NO By whom Reason for water not suitable for use 1 size of 12 for 12 for 12 for 12 for 12 for 12 for 13 for 12 for 13 for 12 for 15 for 15 for 12 for 15 for 15 for 15 for 12 for 15 for	Linei	SANDY BROWN CLAY WITH BOOLDERS
Complete		SANDY YELLOW BROWN CLAY
(7) PERFORATIONS/SCREENS: [] Perf. Method [XI Screens Type JOHNSONS Slot Tele/pipe Slot Tele/pipe Slot Tele/pipe Slot Tele/pipe Slot Tele/pipe Slot Tele/pipe Slot Sandy BROWN CLAY 275 293 298 310 WB SANDY GRAVEL WITH SEAMS OF SAND 265 275 WB SANDY GRAVEL WITH SEAMS OF SAND 275 293 298 310 WB SANDY BROWN CLAY 275 293 298 310 WB SANDY BROWN CLAY 275 293 298 310 WB SANDY BROWN CLAY 310 381 SANDY BROWN CLAY 298 310 WB SANDY BROWN CLAY 310 381 SANDY BROWN CLAY 310 SAND	Final Location of shocks,	SANDY GRAY CLAY
[] Perf. Method [XI] Screens Type JOHNSONS Slot Tele/pipe Slot Tele/pipe Slot Tele/pipe Slot Tele/pipe BROWN CLAY 293 298 From To Size Number Diam. Size Casing/liner SANDY BLUE CLAY WITH SEAMS OF SAND 298 310 WB 380 400 30	(7) DEDECRATIONS/SCREENS:	SANDY GRAVEL WITH SEAMS OF BROWN CEAT
Screens Type		MEDIUM BLACK SAND
Slot Tele/pipe Size Number Diam. Size Casing/liner Sang	ryl Screens Type JOHNSONS Material STAINL	ESS STEEL SANDY BROWN CLAY
From To Size Number Diam. Size Casing/liner 380 400 30		BROWN CLAY
380 400 30	- Sime Number Diem Size Casi	ng/liner BLUE CLAY WITH SEAMS OF SAND
400 410 25	O TELE LINE	R SANDY BLUE CLAY
410 430 20	TELE LINE	R Date started 05/06/03 Compreted 05/15/05
the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply onment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to my best knowledge and belief. Draw-	O TELE LINE	R Contification: I certify that
onment of this well is in compliance with Oregon Water Supply well construction standards. Materials used and information reported above are true to my best knowledge and belief. WWC Number Date Date	O TELE LINE	R (unbonded) Water Well Constructor Certification, or aband-
(8) WELL TESTS: Minimum testing time is 1 hour Test type PUMP Draw- Yield GPM down at Time 75 138 138 1 hr. 75 138 12 hr. Temperature of water 52F Depth Artesian Flow Found Was water analysis done? NO By whom Reason for water not suitable for use Well construction standards. Materials used and information reported above are true to my best knowledge and belief. WWC Number Signed Signed United the constructor Certification: I accept responsibility for the construction, 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 the knowledge and belief. WMC Number 616 Date 06/12/03	430 400 10	the work I performed on the construction, attended to the work I performed on the construction, attended to the work I performed on the construction, attended to the work I performed on the construction, attended to the construction of the constr
reported above are true to my best knowledge and belief. Test type PUMP		onment of this well is in compliance with diegon water supply
Temperature of water 52F Depth Artesian Flow Found Was water analysis done? NO By whom Reason for water not suitable for use	(8) UFLL TESTS: Minimum testing time is 1 hour	well construction standards. Materials used and helief.
Yield GPM down at Time 75 138 1 hr. 75 138 (bonded) Water Well Constructor Certification: I accept responsibility for the construction, 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. Was water analysis done? NO By whom Reason for water not suitable for use Signed 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. WWC Number 616 Date 06/12/03		reported above are true to my best knowledge and bumber
Yield GPM down at Time 75 138 1 hr. 75 138 (bonded) Water Well Constructor Certification: I accept responsibility for the construction, 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. Was water analysis done? NO By whom Reason for water not suitable for use Signed AMALIANAM Date 06/12/03	_ · · · ·	. Date
75 138 138 1 1 hr. 75 138 (bonded) Water Well Constructor Certification: I accept responsibility for the construction, 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. Was water analysis done? NO By whom Reason for water not suitable for use Signed AMALIANAM Date 06/12/03	Yield GPM down at Tim	s Signed
sibility for the construction, 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. WHIC Number 616 Signed A. A. W. W. W. W. D.	l 470 1 h	r.
Temperature of water 52F Depth Artesian Flow Found Was water analysis done? NO By whom Reason for water not suitable for use	12	nr. (bonded) water well constitution alteration or abandonment work
Temperature of water 52F Depth Artesian Flow Found with Oregon water supply well construction standards. This report is true to the best of My knowledge and belief. Was water analysis done? NO By whom report is true to the best of My knowledge and belief. WHIC Number 616 Date 06/12/03		sibility for the construction, attended to dates reported
Temperature of water 52F Depth Artesian Flow Found with Oregon water supply well construction standards. This was water analysis done? NO By whom report is true to the best of My knowledge and belief. Reason for water not suitable for use Date 06/12/03		performed on this well during the combination in compliance
Was water analysis done? NO By whom report is true to the best of my knowledge and better. Was water analysis done? NO By whom report is true to the best of my knowledge and better. WHIC Number 616 Reason for water not suitable for use Date 06/12/03		the summer and construction standards. Into
Reason for water not suitable for use Date 06/12/03		to the the back of MW knowledge and Deliet
Reason for water not suitable for use Signed La Mullian Date 06/12/03		report is true to the best of the Number 616
Depth of strata	Reason for water not suitable for use	- Date 06/12/03
	Depth of strata	Signed May Comment

202 663 0859

CLAC 59045

	. REPORT (as re							Card # 155433	,	
(1) OWNER: Well No. L60639 Name KELSO WATER ASSOCIATION INC Address PO BOX 835 City BORING St OR Zip 97009					County CLACK Township 2 Section 3	S Range SE	" Lo	ong. ° '	1 11	
	F WORK: NEW WE					Street Addres	Lot Blo s of Well (or neares KELSO&NICHOLS BORIN	ck Subd t Address)	division	٦
	ED USE: COMMUN					(10) STATIC WAT	ER LEVEL:			
						288 ft. Artesian p	below land surface. ressure lb per	D:	ate 06	5/12/0
	DLE CONSTRUCTION		Donth of	01				square in. Di	ate	
Explosi	ives used NO	Туре	ререп от	Amount	Well 460 ft	(11) WATER BEAR	ING ZONES:			
	HOLE		SEAL			From	nich water was first			
	from To		From	To	Amount	76	To	Est Flow Ra	ate	S
18	0 340	BENTONITE	0	6	12 SACKS	250	115 275	N/A		N
12	340 480	CEMENT	6	340	283 SACKS	298	310	N/A		N,
						381	459	N/A 75 GPM		N. 28
Seal pi	acement method	*SEE FORMATIO	<u> </u>			(12) WELL LOG:				
Backt	ill: from	ft to f	t Mater	ial	j			Ground elevati		
Grave	C: Trom 20	ft to 460 f	t Size	10-	20SND		Material	From		-
(6) CASING/L	INED.					BLUE CLAY WIT	H MEDIUM SAND SEAMS	381	1 To 399	SWI
					!	BLUE CLAY		399	402	288
	,	O Gauge Mai		Co	nnection	FINE SAND WITH	H SEAMS OF BLUE CLAY	402	402 426	
.using iz	71 3	40 .250 STE	EL	WE	LDED	FINE SAND	222	402 426	426 459	200
						SANDY BLUE CLA	AY	459	480	288
						FILLED IN WITH	H BENTONITE 460' TO 4	رر ہ .108ء	400	
iner 8"	-4 38	30 .250 STE	FI							
<u> </u>					DED	*METHOD OF SEA	LING: PUMPED CEMENT			
inal Locati	on of shoe(s)					THROUGH CASING	BACK TO SURFACE;	GROUT		
	[ONS/SCREENS:					BENTONITE POUR	ED IN.			
	f. Method				i I					
[X] Scre	eens Type Jo	HNSONS	Materia	l STAIN	LESS STEEL					
_	Slot		Tele/		1				· -	
	To Size	Number Diam.	Size		ing/liner					
	400 30	8	TELE	LIN	,					
	410 25	8	TELE	LIN	t .	Date started 05	5/06/07			
	430 20	8	TELE	LIN	,			Completed 06/	13/03	
430 4	60 10	8	TELE	LIN	J	(unbonded) Water	Well Constaurts a	-141 · · ·		
				_		the work I merfor	Well Constructor Cer	tification: I	certif	y tha
) 1151						onment of this we	med on the construct	ion, alteratio	ישי, סר	aband
) WELL TEST	S: Minimum tes	sting time is 1	hour		į,	well construction	ell is in compliance	With Oregon wa	iter su	pply
Test type	PUMP					reported above an	standards. Material	s used and inf	ormatio	on
Viallar	Draw		l stem		i .	Interest above di	e true to my best kn			
Yield GPM	2011	at		Time	į	Signed		MAC N	lumber _	
75 76	138			1 hr				Date		
<i>7</i> 5	138			12 h	r. (bonded) Water No.	II Constauates See	4:		
			_		s	ibility for the	ll Constructor Certi	rication: I ac	cept re	espan.
	-					erformed on this	construction, altera	tion, or aband	onment	work
						bove. All work	well during the con	istruction dat	es repo	orted
Lama					, -	ith One	performed during this	s time is in c	omplian	ice
Temperatur	re of water 52	•	Artesian	Flow Fo		THE OFFICE PATER	SUDDIV HALL ASSAS	taring the second		
Was water	analysis done	? NO By whom	n		"	itti olegori Mater	supply well construction	tion standard	s. Thi	S
Was water Reason for	analysis done water not su	•	n		"	itti olegori Mater	the best of my knowl	tion standard ledge and beli	ef.	
Was water Reason for	analysis done	? NO By whom	n		"	itti olegori Mater	the best of my know	tion standard	ef. umber 6	16