NOTICE

This scan only represents the application as filed. The information contained herein meets the requirements of K.A.R. 5-3-1 or K.A.R. 5-5-1, and has been found acceptable for filing in the office of the Chief Engineer. The application should not be considered to be a complete application as per K.A.R. 5-3-1b or K.A.R. 5-5-2a.

Submit To: CHIEF ENGINEER Division of Water Resources Kansas Department of Agriculture 1320 Research Park Drive Manhattan, Kansas 66502 http://agriculture.ks.gov/dwr

APPLICATION FOR APPROVAL TO CHANGE THE PLACE OF USE, THE POINT OF DIVERSION OR THE USE MADE OF THE WATER UNDER AN **EXISTING WATER RIGHT**



Filing Fee Must Accompany the Application (Please refer to Fee Schedule on signature page of application form.)

Paragraph Nos. 1, 2, 3, 4 & 8 must be completed. Complete all other applicable portions. A topographic map or detailed plat showing the authorized and proposed points(s) of diversion and /or place of use must accompany this application.

1.	Application is hereby made (Check one or more)	ade for approval of the Chi ☐ Place of Use X☐ Point of Diversion ☐ Use Made of Water		ne	WATER RES RECE	IVED
		File No	o. 1230		KS DEPT OF A	GRICULTURE
2.	Name of applicant: City	of Garden City, Attention				
	Address: PO Box 998, 3	004 N 0th 0				
	City, State and Zip: Gar					
		76-1291	F-mail address: fred	iones@garg	lencity ks us	
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ip to the water right; ow				
	What is your relationshi	p to the water right, 🔲 ow	nei 🗀 teriant 🗡 age	siit 🔲 otile	r: II otilei, pieas	в ехріант.
	Name of water use corr	respondent: SAME				
)				
3.		ed herein are desired for the				
J.		to mechanical failure in cu				
	The change(s) (was) (w	vill be) completed by As so	on as approved	(Date)		
F.	or Office Use Only: O. 4 GMD 3 Meet ode 6	ts K.A.R. 5-5-1 (YES / NO) Fee \$ 200		G/S County eceipt Date _		ALDate 3/28/2
			3/2	29/2023		

LMoody

Assisted by: GMD3/5LN

The	e prese	ently au	thorize	ed plac	ce of u	ıse is:									F	File No). <u>1230</u>)	
		er of La					ige												
				NE	1/4			NV	11/4			SW	11/4			SE	1/4		TOTAL
Sec.	Twp.	Range	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	ACRES
t any	other	water r	ights t	hat co	ver th	is plac	e of u	se											
	Owne	er of La	nd —	NAM	E:														
			AD	DRES	S:														
				NE					V'/4			SV				SE			TOTAL
Sec.	Twp.	Range	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW1/4	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	7101120
st any	other	water	ights t	that co	ver th	is plac	ce of u	ise											
	(If the	ere are	more	than t	vo lan	down	ers, at	tach a	dditior	al she	ets as	s nece	ssary.)					
It is	s propo	sed tha	at the	place	of use	be ch	ange	d to:											
	Owne	er of La	nd —	NAM	IE:														
				DRES															
				NE	1/4			N	V¼			SV	٧%			SI	Ε¼		TOTAL
Sec.	Twp.	Range	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE%	NW¼	SW¼	SE¼	NE1/4	NW¼	SW¼	SE¼	ACRES
st any	y other	water	rights	that co	ver th	is pla	ce of u	ise							,				
	Owne	er of La	nd —	- NAN	IE:														
			AD	DRES	S:														
				NI	≣¼			N	N¼			SV	N¼			SI	Ε¼		TOTAL
Sec.	Twp.	Range	NE¼	NW¼	SW¼	SE¼	NE¼	NW1/4	SW¼	\$E¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW1/4	SW¼	SE¼	ACRES

List any other water rights that cover this place of use. _

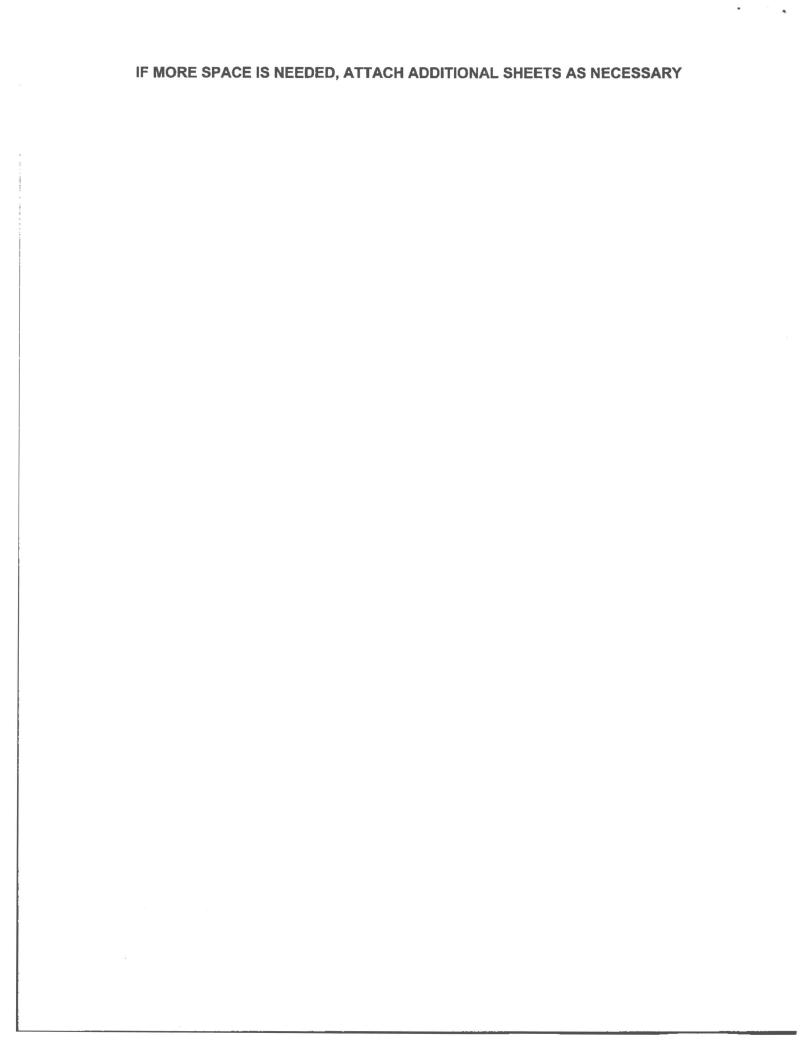
		File N	o. <u>1230</u>	
6	The presently authorized point(s) of diversion (is) (are) 7 wells and discharge			
٠.	(P	Provide description and number of po	pints)	
7.	The proposed point(s) of diversion (is) (are) 7 wells and discharge	Provide description and number of po	elete)	
	,	-rovide description and number of po	oints)	
	List all presently authorized point(s) of diversion:			
8.	110		0	
	One in the Quarter of the Q			
	of Section 17 , Township 24 S in Finney County, Kansas, 2515 feet North 3330			
			least corner or section	On.
	Authorized Rate <u>465gpm</u> Authorized Quantity <u>203.79AF blanket authorized Quantity 203.79AF blanket 203.79AF blank</u>		foot Woot)	
	X☐ This point will not be changed ☐ This point will be changed as folk		leet west)	
		OWS.		
	Proposed point of diversion: (Complete only if change is requested)	D	0	
	One in the Quarter of the C			
	of Section, Township S			
	in County, Kansas, feet North	leet west of South	least comer or secur	OH.
	Proposed Rate Proposed Quantity This point is: Additional Well Geo Center List other water rights that	will use this point		
l	This point is. Additional Well Geo Center List other water rights that	will use this point		
9.	Presently authorized point of diversion:			
٠	One in the Quarter of the C	Quarter of the	SE Qua	arter
	of Section 17 , Township 24 S			
	in Finney County, Kansas, 1710 feet North 2175	feet West of South	neast corner of secti	on.
- 1	Authorized Rate 420gpm Authorized Quantity 203,79AF blanket aut	thority (Limited)		
	(DWR use only: Computer ID No. 24 GPS fe	et North	feet West)	
	☐ This point will not be changed X☐ This point will be changed as follows:			
	☐ This point will not be changed X☐ This point will be changed as followed point of diversion: (Complete only if change is requested)			
		llows:		arter
	Proposed point of diversion: (Complete only if change is requested) One in the SE Quarter of the NW O of Section 17 , Township 24 S	Ilows: Quarter of the	<u>SE</u> Qua	_ w,
	Proposed point of diversion: (Complete only if change is requested) One in the SE Quarter of the NW C	Ilows: Quarter of the	<u>SE</u> Qua	_ w,
	Proposed point of diversion: (Complete only if change is requested) One in the SE Quarter of the NW Of Section 17 , Township 24 Sin Finney County, Kansas, 1734 feet North 1779 Proposed Rate 420gpm Proposed Quantity 203.79AF blanket auth	Quarter of the South, Range feet West of South	SE Qua	_ w,
	Proposed point of diversion: (Complete only if change is requested) One in the SE Quarter of the NW Of Section 17 , Township 24 Sin Finney County, Kansas, 1734 feet North 1779	Quarter of the South, Range feet West of South	SE Qua	_ w,
40	Proposed point of diversion: (Complete only if change is requested) One in the SE Quarter of the NW Of Section 17 , Township 24 Sin Finney County, Kansas, 1734 feet North 1779 Proposed Rate 420gpm Proposed Quantity 203.79AF blanket auth This point is: Additional Well Geo Center List other water rights that	Quarter of the South, Range feet West of South	SE Qua	_ w,
10.	Proposed point of diversion: (Complete only if change is requested) One in the SE Quarter of the NW Of Section 17 , Township 24 Sin Finney County, Kansas, 1734 feet North 1779 Proposed Rate 420gpm Proposed Quantity 203.79AF blanket auth This point is: Additional Well Geo Center List other water rights that Presently authorized point of diversion:	Quarter of the South, Range feet West of South nority (Limited)	SE Qua 32 neast corner of secti 1230, 4665	_ w,
10.	Proposed point of diversion: (Complete only if change is requested) One in the SE Quarter of the NW Of Section 17 , Township 24 Sin Finney County, Kansas, 1734 feet North 1779 Proposed Rate 420gpm Proposed Quantity 203.79AF blanket auth This point is: Additional Well Geo Center List other water rights that Presently authorized point of diversion: One in the Quarter of the Geo Center List other water rights that	Quarter of the South, Range feet West of South nority (Limited) will use this point 519,	SE Quantum Qua	w, on.
10.	Proposed point of diversion: (Complete only if change is requested) One in the SE Quarter of the NW Of Section 17 , Township 24 Sin Finney County, Kansas, 1734 feet North 1779 Proposed Rate 420gpm Proposed Quantity 203.79AF blanket auth This point is: Additional Well Geo Center List other water rights that Presently authorized point of diversion: One in the Quarter of the Go Section 18 , Township 24 Section 24 Section 25 Complete Only if change is requested)	Quarter of the South, Range feet West of South cority (Limited) will use this point 519, Quarter of the South, Range	SE Quantization Qu	w, on.
10.	Proposed point of diversion: (Complete only if change is requested) One in the SE Quarter of the NW Of Section 17 , Township 24 Sin Finney County, Kansas, 1734 feet North 1779 Proposed Rate 420gpm Proposed Quantity 203.79AF blanket author This point is: Additional Well Geo Center List other water rights that Presently authorized point of diversion: One in the Quarter of the Of Section 18 , Township 24 Sin Finney County, Kansas, 170 feet North 2035	Quarter of the South, Range feet West of South nority (Limited) will use this point 519, Quarter of the South, Range feet West of South	SE Quantization Qu	w, on.
10.	Proposed point of diversion: (Complete only if change is requested) One in the SE Quarter of the NW Of Section 17 , Township 24 Sin Finney County, Kansas, 1734 feet North 1779 Proposed Rate 420gpm Proposed Quantity 203.79AF blanket auth This point is: Additional Well Geo Center List other water rights that Presently authorized point of diversion: One in the Quarter of the Of Section 18 , Township 24 Sin Finney County, Kansas, 170 feet North 2035 Authorized Rate 1205gpm Authorized Quantity 203.79AF blanket auth	Quarter of the South, Range feet West of South nority (Limited) will use this point 519. Quarter of the South, Range feet West of South thority (Limited)	SE Quantization Qu	w, on.
10.	Proposed point of diversion: (Complete only if change is requested) One in the SE Quarter of the NW Of Section 17 , Township 24 Sin Finney County, Kansas, 1734 feet North 1779 Proposed Rate 420gpm Proposed Quantity 203.79AF blanket author This point is: Additional Well Geo Center List other water rights that Presently authorized point of diversion: One in the Quarter of the Of Section 18 , Township 24 Sin Finney County, Kansas, 170 feet North 2035	Quarter of the South, Range feet West of South cority (Limited) will use this point 519, Quarter of the South, Range feet West of South thority (Limited)	SE Quantization Qu	w, on.
10.	Proposed point of diversion: (Complete only if change is requested) One in the SE Quarter of the NW Of Section 17 , Township 24 Sin Finney County, Kansas, 1734 feet North 1779 Proposed Rate 420gpm Proposed Quantity 203.79AF blanket auth This point is: Additional Well Geo Center List other water rights that Presently authorized point of diversion: One in the Quarter of the Of Section 18 , Township 24 Sin Finney County, Kansas, 170 feet North 2035 Authorized Rate 1205gpm Authorized Quantity 203.79AF blanket auth QDWR use only: Computer ID No. 19 GPS feet North 18 GPS feet North 19 GPS feet North 19 GPS feet North 18 GPS feet North 19 GPS feet North 18 GPS feet North 19 GPS feet North 1	Quarter of the South, Range feet West of South cority (Limited) will use this point 519, Quarter of the South, Range feet West of South thority (Limited)	SE Quantization Qu	w, on.
10.	Proposed point of diversion: (Complete only if change is requested) One in the SE Quarter of the NW Of Section 17 , Township 24 Sin Finney County, Kansas, 1734 feet North 1779 Proposed Rate 420gpm Proposed Quantity 203.79AF blanket auth This point is: Additional Well Geo Center List other water rights that Presently authorized point of diversion: One in the Quarter of the Go Section 18 , Township 24 Sin Finney County, Kansas, 170 feet North 2035 Authorized Rate 1205gpm Authorized Quantity 203.79AF blanket auth God Quantity 203.79AF	Quarter of the South, Range feet West of South nority (Limited) will use this point 519, Quarter of the South, Range feet West of South thority (Limited) eet North ows:	SE Quantization Qu	arter _ W,
10.	Proposed point of diversion: (Complete only if change is requested) One in the SE Quarter of the NW Of Section 17 , Township 24 Sin Finney County, Kansas, 1734 feet North 1779 Proposed Rate 420gpm Proposed Quantity 203.79AF blanket auth This point is: Additional Well Geo Center List other water rights that Presently authorized point of diversion: One in the Quarter of the Go Section 18 , Township 24 Sin Finney County, Kansas, 170 feet North 2035 Authorized Rate 1205gpm Authorized Quantity 203.79AF blanket auth CDWR use only: Computer ID No. 19 GPS feet North 2035	Quarter of the South, Range feet West of South nority (Limited) will use this point 519, Quarter of the South, Range feet West of South thority (Limited) et North ows: Quarter of the	SE Quality Qua	arter _ W,
10.	Proposed point of diversion: (Complete only if change is requested) One in the SE Quarter of the NW Of Section 17 , Township 24 Sin Finney County, Kansas, 1734 feet North 1779 Proposed Rate 420gpm Proposed Quantity 203.79AF blanket auth This point is: Additional Well Geo Center List other water rights that Presently authorized point of diversion: One in the Quarter of the Of Section 18 , Township 24 Sin Finney County, Kansas, 170 feet North 2035 Authorized Rate 1205gpm Authorized Quantity 203.79AF blanket auth QUARTER QUARTER QUARTER QUARTER QUARTER QUARTER GPS FEXT This point will not be changed This point will be changed as followed to section Quarter of the Quarter	Quarter of the South, Range feet West of South ority (Limited) will use this point 519, Quarter of the South, Range feet West of South thority (Limited) eet North ows: Quarter of the South, Range eet North ows:	SE Quality Qua	arter W,
10.	Proposed point of diversion: (Complete only if change is requested) One in the SE Quarter of the NW Of Section 17 , Township 24 Sin Finney County, Kansas, 1734 feet North 1779 Proposed Rate 420gpm Proposed Quantity 203.79AF blanket auth This point is: Additional Well Geo Center List other water rights that Presently authorized point of diversion: One in the Quarter of the Go Section 18 , Township 24 Sin Finney County, Kansas, 170 feet North 2035 Authorized Rate 1205gpm Authorized Quantity 203.79AF blanket auth QUWR use only: Computer ID No. 19 GPS feet North 1	Quarter of the South, Range feet West of South ority (Limited) will use this point 519, Quarter of the South, Range feet West of South thority (Limited) eet North ows: Quarter of the South, Range eet North ows:	SE Quality Qua	arter W,
10.	Proposed point of diversion: (Complete only if change is requested) One in the SE Quarter of the NW Of Section 17 , Township 24 Sin Finney County, Kansas, 1734 feet North 1779 Proposed Rate 420gpm Proposed Quantity 203.79AF blanket auth This point is: Additional Well Geo Center List other water rights that Presently authorized point of diversion: One in the Quarter of the Geo Section 18 , Township 24 Sin Finney County, Kansas, 170 feet North 2035 Authorized Rate 1205gpm Authorized Quantity 203.79AF blanket auth (DWR use only: Computer ID No. 19 GPS feet North 2035) This point will not be changed This point will be changed as folione in the Quarter of the George	Quarter of the South, Range feet West of South ority (Limited) will use this point 519, Quarter of the South, Range feet West of South thority (Limited) eet North ows: Quarter of the South, Range feet West of South of South thority (Limited)	SE Quality of section	arter _ W, ion.
	Proposed point of diversion: (Complete only if change is requested) One in the SE Quarter of the NW Of Section 17 , Township 24 Sin Finney County, Kansas, 1734 feet North 1779 Proposed Rate 420gpm Proposed Quantity 203.79AF blanket auth This point is: Additional Well Geo Center List other water rights that Presently authorized point of diversion: One in the Quarter of the Of Section 18 , Township 24 Sin Finney County, Kansas, 170 feet North 2035 Authorized Rate 1205gpm Authorized Quantity 203.79AF blanket auth (DWR use only: Computer ID No. 19 GPS feet X This point will not be changed This point will be changed as followed proposed point of diversion: (Complete only if change is requested) One in the Quarter of the Of Section , Township Sec	Quarter of the South, Range feet West of South ority (Limited) will use this point 519. Quarter of the South, Range feet West of South thority (Limited) et North ows: Quarter of the South, Range feet West of South thority (Limited) et North ows:	SE Quality of Section 230, 4665 SE Quality of Section 32 neast corner of section 4665 Get West) Quality of Section 2000	arter _ W, ion.
	Proposed point of diversion: (Complete only if change is requested) One in the SE Quarter of the NW Of Section 17 , Township 24 Sin Finney County, Kansas, 1734 feet North 1779 Proposed Rate 420gpm Proposed Quantity 203.79AF blanket auth This point is: Additional Well Geo Center List other water rights that Presently authorized point of diversion: One in the Quarter of the Geo Section 18 , Township 24 Sin Finney County, Kansas, 170 feet North 2035 Authorized Rate 1205gpm Authorized Quantity 203.79AF blanket auth (DWR use only: Computer ID No. 19 GPS feet North 2035) This point will not be changed This point will be changed as folione in the Quarter of the George	Quarter of the South, Range feet West of South ority (Limited) will use this point 519, Quarter of the South, Range feet West of South thority (Limited) eet North ows: Quarter of the South, Range feet West of South thority (Limited) eet North ows: Quarter of the South, Range feet West of South this point which will no longer be a which will no longer be	SE Quantization Qu	arter _ W, ion.

IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS AS NECESSARY

WATER RESOURCES RECEIVED

APPLICATION FOR APPROVAL TO CHANGE THE PLACE OF USE AND/OR POINT OF DIVERSION SUPPLEMENTAL SHEET FILE NO. 1230

Presently author	ized point of d	liversion:			KS DEPT OF AGRICULTUR	RE
One in the		Quarter of the		Quarter of the		Quarter
					20	
					of Southeast corner of se	
				nket Depth of well		
				feet North		
					er described with GPS as fol	lows:
					is better described by	
					(
					of Southeast corner of se	
					th (feet)	
					int	
Triis polititis.	Additional weil	Geo Center Lis	st other water rigi	nts that will use this po	int	 -
Presently author	ized point of d	liversion:				
				Quarter of the		Juarter
of Section	10	Quarter of the	24	South Pance	32	\A/
in Einney	Cour	nty Konson 2050	foot North	Soulif, Range _	of Southeast corner of se	otion,
						CHOII.
Authorized Rate _	Communication ID N	_ Authorized Quanti	CDC 203.79AF DIAI	nket Depth of well	(leet)	
(DWK use only:	Computer ID	No. 22	GPS	feet North	teet vvest)	
	_		_		er described with GPS as fol	
					is better described by	
in	Coul	nty, Kansas,	feet North _	feet West	of Southeast corner of se	ction.
Proposed Rate		Proposed Quantity	у	Proposed well dep	oth (feet)	·
This point is:	Additional Well	☐ Geo Center Lis	st other water rig	hts that will use this po	int	
Procently alithor						
	ized point of d			0 (!!-		S
One in the		Quarter of the		Quarter of the _		Quarter
One in the	13	Quarter of the, Township	24	South, Range _	32	W,
One in the of Section in Finney	13 Cou	Quarter of the, Township nty, Kansas,4980	24 D feet North _	South, Range _ 1296 feet West (32 of Southeast corner of se	W,
One in the of Section in Finney Authorized Rate	13 Cou	Quarter of the, Township nty, Kansas,4980 Authorized Quanti	24) feet North _ ity 203.79AF blar	South, Range 1296 feet West onket Depth of well	of Southeast corner of se (feet)	W,
One in the of Section in Finney Authorized Rate (DWR use only:	13 Cour 495gpm Computer ID N	Quarter of the, Township, nty, Kansas,4980 Authorized Quanti	24 D feet North _ ity 203.79AF blar GPS	South, Range 1296 feet West on the control of the co	of Southeast corner of se (feet) feet West)	W, ction.
One in the of Section in Finney Authorized Rate (DWR use only: ☑This point will no	13 Coult 495gpm Computer ID I	Quarter of the, Township nty, Kansas,4980 Authorized Quanti No. 65 This point will be cha	24 D feet North _ ity 203.79AF blan GPS _ anged as follows:	South, Range	of Southeast corner of se (feet) feet West) er described with GPS as for	W, ction.
One in the of Section in Finney Authorized Rate (DWR use only: This point will not proposed point of	13 Courage Computer ID It is to be changed Confideration: (6)	Quarter of the, Township nty, Kansas,4980 Authorized Quanti No. 65This point will be cha Complete only if cha	24 D feet North _ ity 203.79AF blan GPS _ unged as follows: ange is requeste	South, Range	32 of Southeast corner of se (feet) feet West) er described with GPS as for is better described by (W, ction. llows: GPS)
One in the of Section in Finney Authorized Rate (DWR use only: This point will no Proposed point of One in the	13 Courted to the changed of diversion: (6)	Quarter of the, Township nty, Kansas,4980 Authorized Quanti No. 65This point will be cha Complete only if cha Quarter of the	24 D feet North _ ity 203.79AF blan GPS anged as follows: ange is requeste	South, Range	of Southeast corner of se (feet) feet West) r described with GPS as for is better described by	W, ction. llows: GPS) Quarter
One in the of Section in Finney Authorized Rate (DWR use only: ☑This point will no Proposed point of One in the of Section	13 Courage 495gpm Computer ID It be changed [of diversion: (0	Quarter of the, Township, Township, township, township, township, Township, Township, Township,	24 D feet North _ ity 203.79AF blar GPS anged as follows: ange is requeste	South, Range	32 of Southeast corner of se (feet) feet West) er described with GPS as folionis better described by	W, ction. llows: GPS) Quarter (E/W),
One in the of Section in Finney Authorized Rate (DWR use only: This point will not Proposed point of One in the of Section in	13 Courted to the changed [confidence of the change] Courted to the changed [confidence of the change] Courted to the changed confidence of the changed courted to the changed courted	Quarter of the, Township, Township, township, Authorized Quanti No. 65 This point will be chate, Quarter of the, Township, township	24 D feet North _ ity 203.79AF blan GPS _ anged as follows: ange is requeste	South, Range feet West on the thick the second process of	of Southeast corner of se (feet) feet West) er described with GPS as for is better described by of Southeast corner of se	L W, ction.
One in the of Section in Finney Authorized Rate (DWR use only: This point will not Proposed point of One in the of Section in	13 Courted to the changed [confidence of the change] Courted to the changed [confidence of the change] Courted to the changed confidence of the changed courted to the changed courted	Quarter of the, Township, Township, township, Authorized Quanti No. 65 This point will be chate, Quarter of the, Township, township	24 D feet North _ ity 203.79AF blan GPS _ anged as follows: ange is requeste	South, Range feet West on the thick the second process of	32 of Southeast corner of se (feet) feet West) er described with GPS as folionis better described by	L W, ction.
One in the	13 Courter ID Not be changed Confideration: (Courter Courter C	Quarter of the, Township, Township, 4980, Authorized Quantito	24 D feet North _ ity 203.79AF blan GPS _ anged as follows: ange is requested feet North _ y	South, Range	of Southeast corner of se (feet) feet West) er described with GPS as for is better described by of Southeast corner of se	W, ction. llows: GPS) Quarter (E/W), ction.
One in the	13 Courted to be changed of diversion: (Courted to the Courted to	Quarter of the, Township, Township, 1980, Authorized Quanti No. 65, This point will be character of the, Township, Township, Townsed Quantity, Geo Center List	24 D feet North _ ity 203.79AF blan GPS _ anged as follows: ange is requested feet North _ y	South, Range	32 of Southeast corner of se (feet) feet West) er described with GPS as for is better described by of Southeast corner of se oth (feet)	W, ction.
One in the	13 Courted to be changed of diversion: (Courted to be changed of diversion) Additional Well of diversion of	Quarter of the, Township, Township, 1980, 4980, Authorized Quantition	24 D feet North _ ity 203.79AF blan GPS _ anged as follows: ange is requested feet North _ y _ st other water rig	South, Range	32 of Southeast corner of se (feet) feet West) or described with GPS as for is better described by corner of se oth (feet) int int	W, ction.
One in the	13 Courted to be changed of diversion: (Courted to be changed of diversion) Additional Well of diversion of	Quarter of the, Township, Township, 1980, 4980, Authorized Quantition	24 D feet North _ ity 203.79AF blan GPS _ anged as follows: ange is requested feet North _ y _ st other water rig	South, Range	32 of Southeast corner of se (feet) feet West) or described with GPS as for is better described by corner of se oth (feet) int int	W, ction.
One in the	13 Courted the state of the changed	Quarter of the, Township nty, Kansas,4980 Authorized Quanti No. 65 This point will be cha Complete only if cha Quarter of the, Township nty, Kansas, Proposed Quantity Geo Center Lis liversion: Quarter of the, Township	24 D feet North _ ity 203.79AF blan GPS _ anged as follows: ange is requested feet North _ y st other water rig	South, RangeSouth, Range 1296	32 of Southeast corner of se (feet) feet West) er described with GPS as for is better described by (of Southeast corner of se oth (feet) int (32	W, ction.
One in the	13 Courted the changed of diversion: (Courted point of diversion of di	Quarter of the, Township, Township, Authorized Quanting, Authorized Quanting, Township, Township, Township, Township, Geo Center Listiversion:, Township, Township	24 D feet North ity 203.79AF blan GPS anged as follows: ange is requested feet North y st other water rig 24 2 feet North	South, Range	of Southeast corner of se (feet) feet West) er described with GPS as for is better described by (corner of second feet) int (Geet) int	W, ction.
One in the	13 Courted point of discourage di	Quarter of the, Township, Township, Authorized Quanting, Authorized Quanting, Township, Township, Township, Geo Center Listiversion:, Township, Township, Township, Township, Township, Township, Township, Township, Authorized Quanting, Authorized Quanting, Township, Township, Township, Authorized Quanting, Authorized Quanting, Authorized Quanting, Authorized Quanting, Township, Authorized Quanting, Authorized Quanting, Township, Authorized Quanting, Authorized Quanting	24 D feet North ity 203.79AF blan GPS anged as follows: ange is requested feet North y st other water rig 24 2 feet North ity 203.79AF blan	South, Range	32 of Southeast corner of se (feet) feet West) er described with GPS as for is better described by (corner of second feet) of Southeast corner of second feet) int (feet) 32 of Southeast corner of second feet)	W, ction.
One in the	13 Courted point of discount o	Quarter of the, Township, Township, Authorized Quanting, Authorized Quanting, Township, Township, Township, Geo Center Listiversion:, Township, Authorized Quanting, Authorized	24 D feet North _ ity 203.79AF blan GPS ange as follows: ange is requested feet North _ y st other water rig 24 2 feet North _ ity 203.79AF blan GPS	South, Range	32 of Southeast corner of se(feet)feet West) er described with GPS as for is better described by of Southeast corner of se oth (feet)int	W, ction.
One in the	13 Courted point of discount o	Quarter of the, Township, Township, Authorized Quanting, Authorized Quanting, Township, Township, Township, Geo Center Listiversion:, Township, Authorized Quanting, Authorized	24 D feet North _ ity 203.79AF blan GPS ange as follows: ange is requested feet North _ y st other water rig 24 2 feet North _ ity 203.79AF blan GPS	South, Range	32 of Southeast corner of se (feet) feet West) er described with GPS as for is better described by (corner of second feet) of Southeast corner of second feet) int (feet) 32 of Southeast corner of second feet)	W, ction.
One in the	Additional Well ized point of d 13 Cour Cour	Quarter of the, Township	24 D feet North _ ity 203.79AF blan GPS anged as follows: feet North _ y st other water rig 24 2 feet North _ ity 203.79AF blan GPS anged as follows:	South, Range	32 of Southeast corner of se	W, ction.
One in the of Section in Finney Authorized Rate (DWR use only: This point will not one in the of Section in Proposed Rate This point is: Presently author One in the of Section in Finney Authorized Rate (DWR use only: This point will not one only: This point will not one only:	Additional Well rized point of d 13 Cour Additional Well 13 Cour 695gpm Computer ID I of diversion: (6	Quarter of the, Township	24 D feet North _ ity 203.79AF blan GPS anged as follows: ange is requested feet North _ y st other water rig 24 2 feet North _ ity 203.79AF blan GPS anged as follows: ange is requested	South, Range	32 of Southeast corner of se	W, ction. Illows: GPS) Quarter (E/W), ction. Quarter W, ction.
One in the of Section in Finney Authorized Rate (DWR use only: This point will not Proposed point of Section in Proposed Rate This point is: Presently author One in the of Section in Finney Authorized Rate (DWR use only: This point will not Proposed point of One in the one in the of Section in Finney	Additional Well ized point of d Coun Coun Additional Well Coun Cou	Quarter of the, Township	24 D feet North _ ity 203.79AF blan GPS _ anged as follows: ange is requested feet North _ y st other water rig 24 2 feet North _ ity 203.79AF blan GPS anged as follows: ange is requested	South, Range	32 of Southeast corner of se	Uarter W, ction. Quarter W, ction. Quarter W, ction.
One in the	Additional Well coupled by the changed of diversion: (6) 13 Coupled by the changed of diversion of diversion of diversion of diversion of diversion: (6)	Quarter of the, Township	24 D feet North ity 203.79AF blan GPS anged as follows: feet North y st other water rig 24 2 feet North ity 203.79AF blan GPS anged as follows: ange is request	South, Range	32 of Southeast corner of se(feet)feet West) er described with GPS as for is better described by (of Southeast corner of second (feet)	W, ction. Ilows: GPS) Quarter (E/W), ction. Quarter W, ction. Ilows: GPS) Quarter (E/W),
One in the	Additional Well coupled by the changed of diversion: (6) 13 Coupled by the changed of diversion of diversion of diversion: (6) Coupled by the changed of diversion: (6) Coupled by the changed of diversion: (6)	Quarter of the, Township	24 D feet North Dity 203.79AF blan GPS Inged as follows: Inge is requested feet North y St other water rig 24 2 feet North Dity 203.79AF blan GPS Inged as follows: Inged	South, Range	32 of Southeast corner of se(feet)feet West) er described with GPS as for is better described by (of Southeast corner of second feet)(feet)	W, ction. Illows: GPS) Quarter (E/W), ction. Quarter W, ction. Illows: GPS) Quarter (E/W), ction.
One in the	13 Courted Figure 19 Part of diversion: (6) Additional Well ized point of diversion Courted Figure 19 Part of diversion: (6)	Quarter of the, Township	24 D feet North _ ity 203.79AF blan GPS _ anged as follows: ange is requested feet North _ y _ st other water rig 24 2 feet North _ ity 203.79AF blan GPS _ anged as follows: ange is requested feet North _ y _ anged as follows: ange is requested feet North _ y _	South, Range	32 of Southeast corner of se	W, ction. Illows: GPS) Quarter (E/W), ction. Quarter W, ction. Illows: GPS) Quarter (E/W), ction.
One in the	Additional Well Coupage Additional Well Coupage Coupage Additional Well Coupage Coupag	Quarter of the, Township	24 D feet North _ ity 203.79AF blan GPS _ anged as follows: ange is requested feet North _ y _ st other water rig 24 2 feet North _ ity 203.79AF blan GPS _ anged as follows: ange is requested feet North _ y _ anged as follows: ange is requested feet North _ y _	South, Range	32 of Southeast corner of se(feet)feet West) er described with GPS as for is better described by (of Southeast corner of second feet)(feet)	W, ction. Illows: GPS) Quarter (E/W), ction. Quarter W, ction. Illows: GPS) Quarter (E/W), ction.



			File No. <u>1230</u>
12.		resently authorized use of water is for MUN	
	It is pr	roposed that the use be changed to MUN	purposes.
13.		nging the place of use and/or use made of water, describe how the consumptive nange needed for current consumptive use.	e use will not be increased.
	(Please	e show any calculations here.)	
14.	It is re	equested that the maximum annual quantity of water be reduced to	(acre-feet or million gallons).
15.	It is re	equested that the maximum rate of diversion of water be reduced to	gallons per minute (c.f.s.).
16.	1:24,0 Kansa Distar should	application must include either a topographic map or detailed plat. A U.S. Geo 2000, is available through the Kansas Geological Survey, 1930 Constant Ave as 66047-3726 (www.usgs.gov). The map should show the location of the prences North and West of the Southeast corner of the section must be shown. Identify the center of the section, the section lines and the secon, township, and range numbers on the map. In addition the following information.	enue, University of Kansas, Lawrence, esently authorized point(s) of diversion. The presently authorized place of use action corners and show the appropriate
	a. If	a change in the location of the point(s) of diversion is proposed, show:	
	1) The location of the proposed point(s) of diversion. Distances North and Wesmust be shown. Please be certain that the information shown on the map Paragraph Nos. 9, 10 and 11 of the application.	
	2	If the source of supply is groundwater, please show the location of exist domestic wells, within ½ mile of the proposed well or wells. Identify each v mailing address of the property owner or owners. If there are no wells within	well as to its use and furnish name and
	3	If the source of supply is surface water, the names and mailing addresses and ½ mile upstream from your property lines must be shown.	of all landowner(s) 1/2 mile downstream
		a change in the place of use is desired, show the proposed place of use by ertain that the information shown on the map agrees with the information shown	
17.	local s	h documentation to show the change(s) proposed herein will not impair existin source of supply as to which the water right relates. This information may inclogs, test hole logs, and other information as necessary information to show the below.	lude statements, plats, geology reports,
	See a	attached plat and supporting documentation	
18.	identi	proposed change(s) does not meet all applicable rules and regulations of the keep fy the rules and regulations for which you request a waiver. State the reasonable st should be granted. Attach documentation showing that granting the request of prejudicially and unreasonably affect the public interest.	n why a waiver is needed and why the
	Waive	er needed for minimum spacing, KAR 5-23-3, not met at proposed location.	WATER RESOURCES RECEIVED
			MAR 2 7 2023

IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS AS NECESSARY

File No.	1230	
----------	------	--

Any use of water that is not as authorized by the water right or permit to authorize water <u>before</u> the chief engineer approves this application is a violation of the Kansas Water Appropriation Act for which criminal or civil penalties may be assessed. Such violation is a class C misdemeanor, punishable by a fine not to exceed \$500 and/or a term of confinement not to exceed one month in the county jail. K.S.A. 82a-728(b). Civil penalties shall be not less than \$100 nor more than \$1,000 per violation. In the case of a continuing violation, each day such violation continues may be deemed a separate violation. In addition to these penalties the water right may be modified or suspended. K.S.A. 82a-737, as amended.

The application must be signed by all owners of the place of use authorized under the water right and his or her spouse, if married. Please indicate if there is no spouse. If land is being purchased under contract, the seller must sign as landowner until such time as the contract is completed.

In the event that all applicants cannot appear before one notary public, they may as necessary sign separate copies of the application before any notary public conveniently available to them. All copies signed in this manner shall be considered to be valid parts of the application.

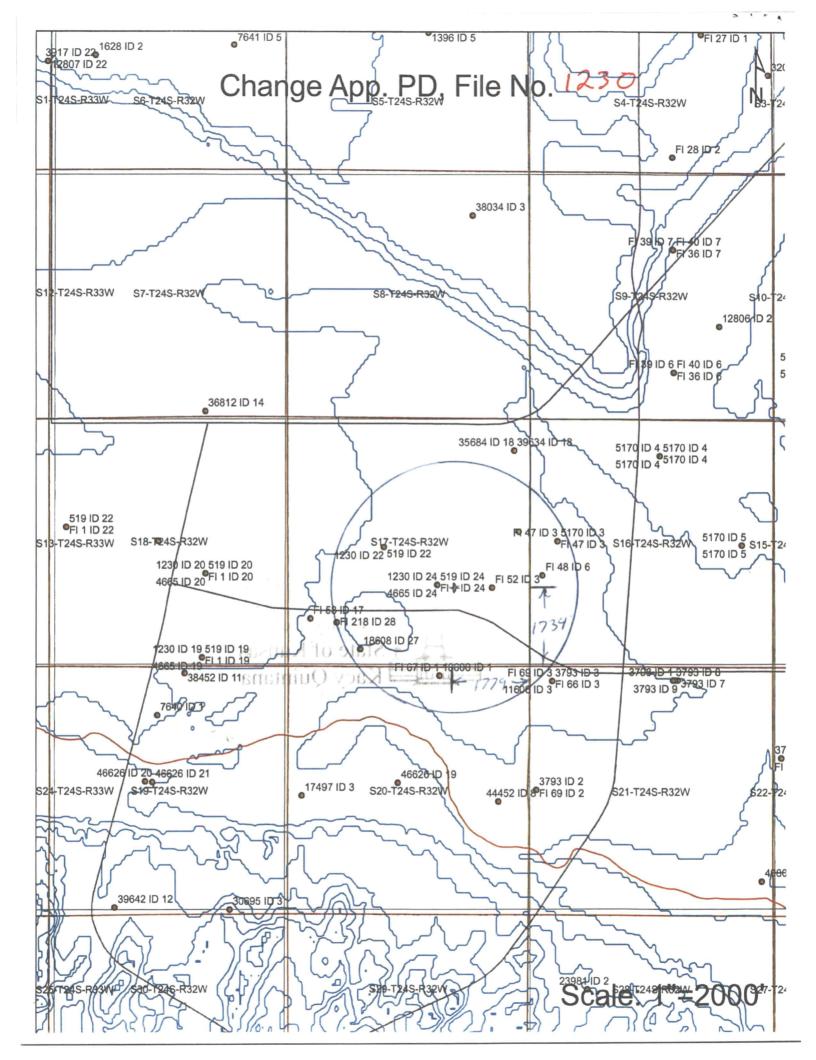
If the request is signed on behalf of any Owner by someone with legal authority to do so (for example, an agent, one who has power of attorney, or an executor, executrix, conservator), it will be necessary to attach proper documents showing such authority.

I declare that I am an owner of the currently authorized place of use a authorized to make this application on their behalf, and declare furth complete. By filing this application I authorize the chief engineer to pe as specified in sections 14 and 15 of this application.	ner that the statements contained herein are true, correct, and
as specified in sections 14 and 15 of this application. Dated at Garden City, Kinsas, this City of Garden City, Kinsas final Than To We far less ource Agr (Owner)	20 day of March , 20 23.
(Owner) Exact = Towner (1) to a factor of Man	(Spouse)
Fred Jones, Water Resource Mgr (Please Print)	(Please Print)
(Owner)	(Spouse)
(Please Print)	(Please Print)
(Owner)	(Spouse)
(Please Print)	Notary Publi@lease Print)
State of Kansas County of Finney I hereby certify that the foregoing application was signed in my March, 20 Z3	State of Kansas Kacy Quintana My Commission Expires 29-24 presence and sworn to before me this 20 day of
My Commission Expires <u>10 - 29 - 24</u>	Notary Public
FEE SCHED	ULE
Each application to change the place of use, the point of diversion or the use application fee set forth in the schedule below:	e made of the water under this section shall be accompanied by the
 (1) Application to change a point of diversion 300 feet or less (2) Application to change a point of diversion more than 300 feet (3) Application to change the place of use (4) Application to change the use made of the water	

Make check payable to Kansas Department of Agriculture.

KS DEPT OF AGRICULTURE

WATER RESOURCES RECEIVED



Neighboring wells within half mile of City of Garden City proposed change to FI 01, 519, 1230 & 4665. All under ID 24. Proposed location is located 1734'N 1779'W in 17-24-32, Finney County.

FI 67 & 18608 D1: Robin L & Debra A Huber, PO Box 1359, Garden City, KS 67846

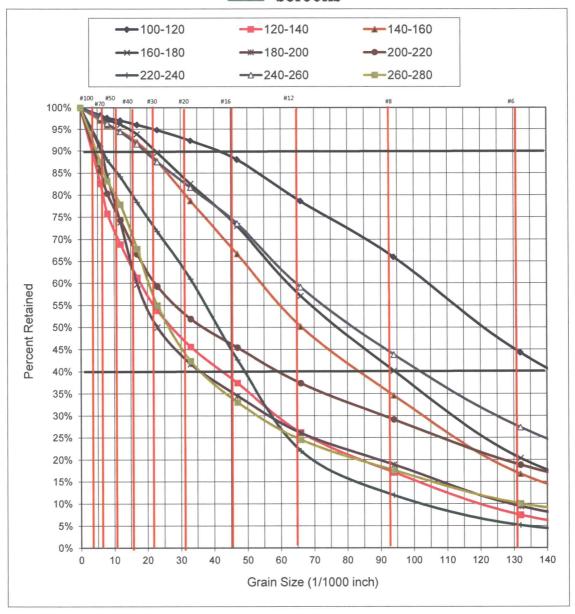
18608 D2: Deverne R Cartmill ET AL, 1112 Kingsury, Garden City, KS 67846

FI 218: Ehresman Packing Co, 912 E Fulton St, Garden City, KS 67846

Some of the wells, such as FI 52 are listed as "Verified Report DWR" and I am not certain how they handle those.

Some might have some old domestic wells in the area, but that is very hard to determine. With this being a City project, a notice in the paper could also serve as notice.





Job Name Chestnut Deep Location Garden City, KS Driller Downey Drilling

 Sample ID 010923-4 Analyzed by: Duvall, Steven Date: 1/10/2023

Desired Yield 600 - 800 GPM SWL (ft) 190

Recommended Slot Size: 60 slot (0.060") screen from 194'-207' & 229'-260' bgs. Recommended Gravel Pack: P.W. Gillibrand 8 x 16 Rescreen

Based exclusively on the samples provided by the contractor, a sieve analysis graph and suggested screen slot size is provided as requested. Since numerous construction considerations and site circumstances influence successful well completion, Johnson Screens assumes no responsibility for final well performance nor awareness of local regulations pertaining to well installations.

Prepared by:Duvall, Steven

Send Samples to 1950 Old Highway 8, New Brighton, MNF\$132 RCES RECEIVED

C10973-4

SIEVE ANALYSIS INFORMATION

PLEASE FILL OUT THE FOLLOWING INFORMATION AND MAIL ALONG WITH YOUR SAMPLES TO:

Bilfinger Water Technologies / Johnson Screens 1950 Old Highway 8 NW New Brighton, MN 55112 Phone - 651-638-3160

DRILLER:	DOWNEY DRILLING, INC
ENGINEER:	Carl Nuzman (Geoligist)
JOB NAME:	Carden City Shrestont Deep
LOCATION:	NWSE 17-245-32W
TEST HOLES, DIAMETER:	6/4
TEST HOLES, DEPTH:	295
DRILLING METHOD:	Much Robery
DRILLING FLUID:	auik Gel
DESIRED YIELD:	600 to 800
STATIC WATER LEVEL:	931
WELL CASING DIAMETER:	/6"
WELL SCREEN DIAMETER:	/6"
WELL SCREEN LENGTH:	194-207 229-260
WELL APPLICATION:	Municipal
DESIGN TYPE:	Naturally Developed or Gravel Pack XX
SAMPLES SENT BY:	DOWNEY DRILLING, INC
PURCHASE ORDER NO:	22-1437
COPIES TO BE SENT TO:	DOWNEY DRILLING, INC
	PO BOX 278
	LEXINGTON, NE 68850
PHONE:	308-324-2303
FAX:	308-324-4825
EMAIL ADDRESS:	T DOWNEY@DOWNEYDRILLING.COM , BDOWNEY@DOWNEYDRILLING.COM
COMMENTS:	amessenger adowney drilling com

WATER RESOURCES RECEIVED

> MAR 2 7 2023 SIEVE SNALYSIS FORM12/30/2022



CUSTOMER	MAAAF.	CITY	OF	GAPDEN	CITY	KS
COSIONER	NAME.	C 1 1	\cup r	GARDLIN	CILL	1/2

LEGAL: NWSE 17-24S-32W

COUNTY: FINNEY

GPS: 37.57'55'N

100.51'12"W

FROM	то	FINNEY ST. SITE / CHESTNUT D	RILLER: RYAN HARDNESS	COLOR	SPEED	PULL DOWN	22-1437 OTHER / DRILLING ACTION
0	5	TOP SOIL	SOFT	DARK	FAST	NO	SMOOTH
5	11	SANDY CLAY	SOFT	LIBR	FAST	NO	SMOOTH
11	46	FINE-MED-COARSE GRAVEL	SOFT	RED/BR	FAST	NO	CHATTER
46	73	SANDY CLAY	SOFT	LTBR	SLOW	NO	SMOOTH
73	108	FINE-MED GRAVEL / THIN SANDY CLAY LAYERS	SOFT	RED/BR	FAST	NO	CHATTER
108	136	SANDY CLAY / FINE-MED SAND	FIRM	LTBR	SLOW	NO	SMOOTH
136	148	FINE-MED GRAVEL / THIN CLAY STRIPS	SOFT	RED/BR	FAST	NO	CHATTER
148	190	FINE-MED GRAVEL	SOFT	RED/6R	FAST	NO	CHATTER
190	194	SANDY CLAY	SOFT	LIBR	FAST	NO	SMOOTH
194	207	MED-COARSE SAND / T FINE-GRAVEL / THIN CLAY LAYERS	SOFT	BR/RED	FAST	NO	CHATTER
207	229	SANDY CLAY	SOFT	LT BR	FAST	NO	SMOOTH
229	250	COARSE SAND / FINE GRAVEL	SOFT	BR/RED	FAST	NO	CHATTER
250	254	SANDY CLAY	SOFT	LT BR	FAST	NO	SMOOTH
254	260	COARSE SAND	SOFT	RED/BR	FAST	NO	CHATTER
260	270	FINE-MED-COARSE SAND	SOFT	BR	FAST	NO	SLIGHT CHATTER
270	276	SANDY CLAY	SOFT	LT BR	SLOW	NO	SMOOTH
276	282	LIMESTONE / CLAY	HARD	WHITE	SLOW	YES	СНОРРУ
282	295	SHALE	HARD	BLACK		YES	SMOOTH
		3 CUPS SODA ASH					
		10 BAGS QUIK GEL					
		1 GALLON EZ MUD					
		#6 QUIK TROL LV					
		3000 GAL WATER					
				1			
				<u> </u>			
				 	-		
	-			1		1	
-			-	-	+	+	+





OTHER SERVICES:

GARDEN CITY CHESTNUT SITE

COMPANY

: DOWNEY DRILLING INC

WELL

: GARDEN CITY CHESTNUT SIT

LOCATION/FIELD

COUNTY

: FINNEY

TH#1 DEL

LOCATION

SECTION

: NWSE

: 17

TOWNSHIP

: 245

RANGE: 32W

DATE

: 12/02/22

PERMANENT DATUM : GL

KB

LOG BOTTOM

DEPTH DRILLER

: 295

: 293.10

LOG MEASURED FROM: GL

DF

GL

LOG TOP

: 0.30

DRL MEASURED FROM: GL

: 1903

CASING TYPE

FIELD OFFICE

: DDI

CASING THICKNESS:

CASING DIAMETER: 10.

RECORDED BY

LOGGING UNIT

: BRENT

BIT SIZE

: 6.25

BOREHOLE FLUID

: MUD

FILE : ORIGINAL

MAGNETIC DECL. : 0

RM

: 49

TYPE : 8144A

MATRIX DENSITY : 2.71

RM TEMPERATURE

LGDATE: 12/02/22

NEUTRON MATRIX: LIMESTON

MATRIX DELTA T

LGTIME: 10:39:

THRESH: 99999

N 37.57'55"

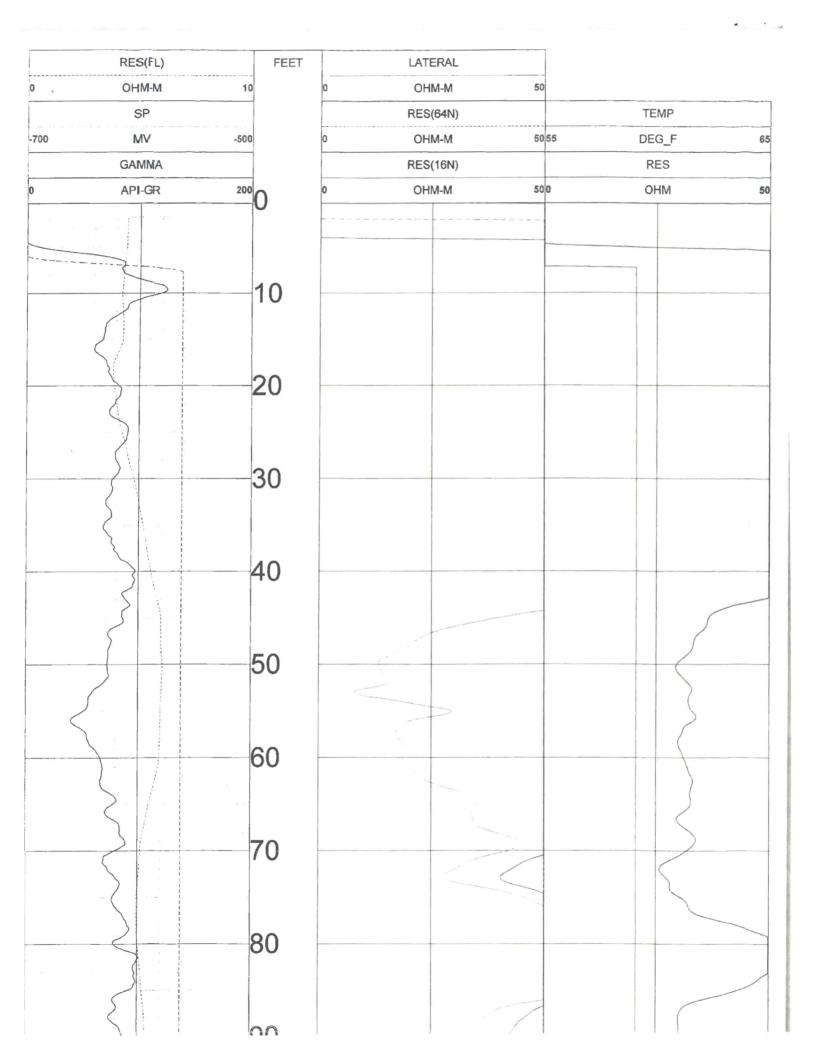
W -100 51'12"

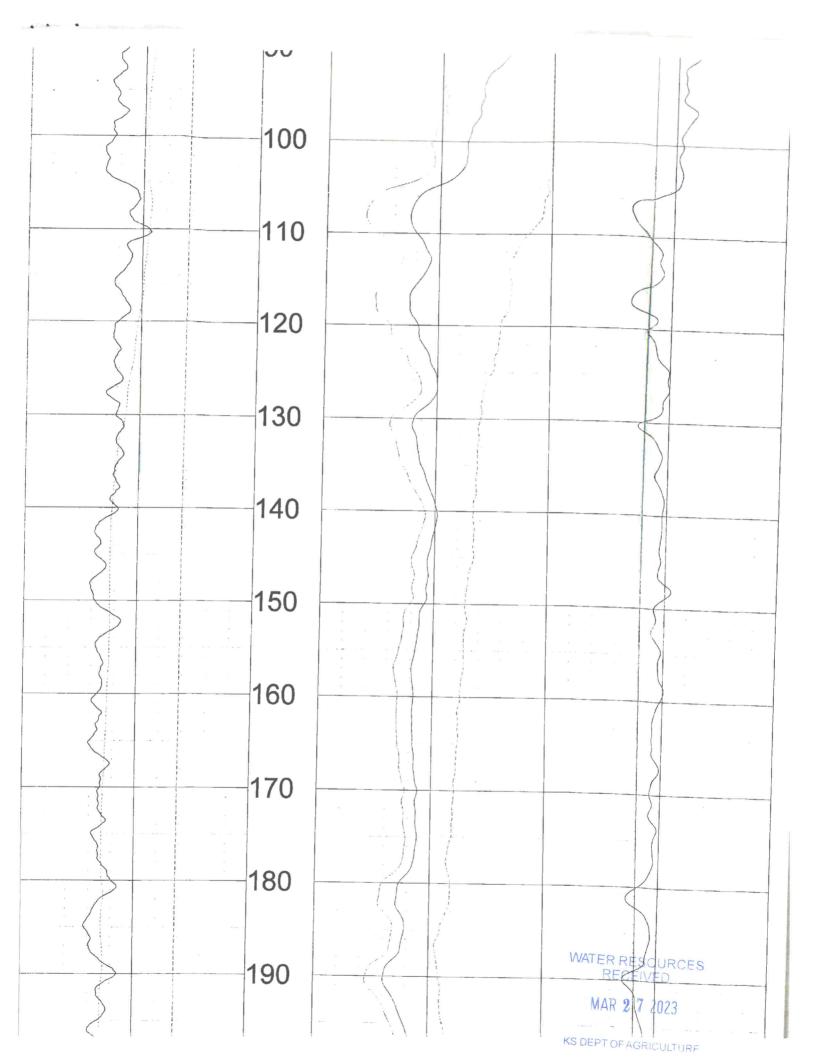
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

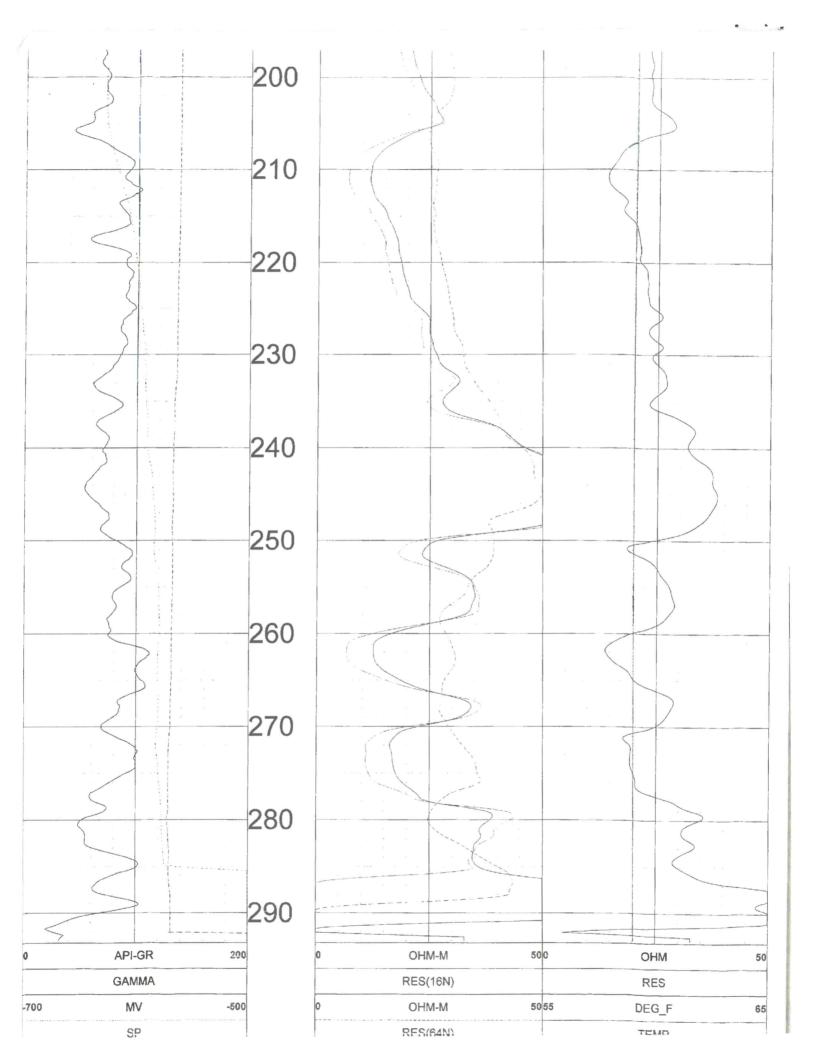
WATER RESOURCES RECEIVED

MAR 2 7 2023

KS DEPT OF AGRICULTURE







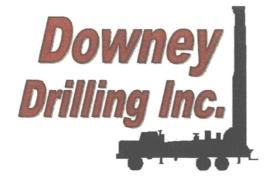
0 OHM-M 10		0	OHM-M	50
RES(FL)	FEET		LATERAL	

WATER RESOURCES RECEIVED

TOQL CALIBRATION GARDEN CITY CHESTNUT SITE 12/02/22 10:39 TOOL 8144A TM VERSION 1 SERIAL NUMBER 365

1	O = 1 1.0 1.0 1.1.						
	DATE	TIME	SENSOR	STA	ANDARD	RESF	PONSE
1	Feb08,18 Feb08,18	07:51:35 07:51:35	GAMMA GAMMA	1.000 340.000	[API-GR] [API-GR]	4.000 290.000	[CPS]
2	Jul12,17 Jul12,17	13:24:17 13:24:17	RES(FL) RES(FL)	1.330 42.700	[OHM-M] [OHM-M]	7595.000 64820.000	[CPS]
3	Jan14,22 Jan14,22	08:32:51 08:32:51	SP SP	0.000 381.500	[MV] [MV]	327768.000 164650.000	[CPS]
4	Jan14,22 Jan14,22	08:33:01 08:33:01	RES(16N) RES(16N)	0.000 1951.500	[OHM-M] [OHM-M]	3453.000 448089.000	[CPS]
5	Jan14,22 Jan14,22	08:33:10 08:33:10	RES(64N) RES(64N)	0.000 1994.000	[OHM-M] [OHM-M]	3163.000 449170.000	[CPS]
6	Jul12,17 Jul12,17	13:17:49 13:17:49	TEMP TEMP	33.400 102.200	[DEG_F] [DEG_F]	66910.000 270930.000	[CPS]
7	Jan14,22 Jan14,22	08:33:36 08:33:36	RES RES	0.000 944.000	[OHM]	21285.000 190148.000	[CPS]

CORPORATE
75471 ROAD 435
LEXINGTON, NE 68850
308-324-2303



3210 ANTELOPE AVE. STE D **KEARNEY, NE 68847** 308-237-9283

525 INDUSTRIAL DR GARDEN CITY, KS 67846 620-277-7971

CITY OF GARDEN CITY NWSE 17-24S-32W FINNEY CO CHESTNUT SITE DEEP MONITORING WELL

WATER RESOURCES RECEIVED

of dewatering wells: _

WATER	WELL	RECORD	(WWC-5	;)
-------	------	--------	--------	----

Constructed

	KOLAR DOC	ID	1678972	W	ELL ID	
√	Original Record		Correction		Change in Well Us	e

ш	OC B	TION	OF	WATER	TACE 1

	01 11711211 11022															
Latitude	37.965278	Longitude	-100.853333	Section	17	Township	24	Range	32	□E ✓ W Fraction	SE	1/4	NW	1/4	SE	1/4
Datum	NAD83	Elevation	2831	County	Finner	V										

WATER WELL OWNER

CITY OF GARDEN CITY				
PO BOX 9	98			
GARDEN CI'KS	67846			
	CITY OF GARD PO BOX 9 GARDEN CI KS 238 FT SOUTH FR LAUREL ST, 300 F			

CONSTRUCTION

Borehole interval:	Borehole diameter:
from0 to250 ft.	_6.25 in.
fromtoft.	in.
Casing height above land sur	rface: 31 in.
If casing height is less tha	
has a variance been appr	
*variance not required for or environmental remed	
Casing type: Thern	nalPlastic
Blank casing interval:	0 ft. to 240 ft.
Blank casing diameter: Z	.38 in.
Casing joints:	nreaded
Weight: .72 lbs	/ft.
Wall thickness or gauge i	
Blank casing interval:	
Blank casing diameter:	in.
Casing joints:	
Weight:lbs	/ft.
Wall thickness or gauge i	no.:
Grout interval: 0 ft. to	230 ft.
Grout material: Ben	tonite
Grout interval: ft. to	
Grout material:	
Screen / perforation material:	PVC
Screen / perforation opening	
Screen / perforation intervals	
From 240 ft. to 250	
Slot size01 unit _	
From ft. to	-
Slot size unit _	
Gravel pack intervals:	# 40 °
Gravel pack not used: □	
From230_ ft. to250	
Gravel pack not used: □	Gravel size in

From _____ ft. to _____ ft.

WELL	WAT	FR	USF
A A per per per	AAL	-11	035

VELL WATER USE	NEAREST SOURCE OF POTENTIAL CONTAMINATION
Other PIEZOMETER	Source:
OMPLETION	Distance Direction from well:
Depth of completed well:	Source description:
(1) ft.; (2) ft.;	Source:
(3) ft.; (4) dry well	Distance Direction from well:
Static water level in well:93_ ft.	Source
✓ measured below land surface on (mm/dd/yy): 12/02/2022	description:
measured above land surface on (mm/dd/yy):	✓ No potential source of contamination within 100 feet.
	PERMIT & ID NUMBERS (AS REQUIRED)
Estimated yield: gpm Water level was: ft. after hours pumping gpm	DWR Application No.:KDHE / EPA Project Code:
Pump installed? ☐ Yes No	Site Name: CHESTNUT DEEP
	KDHE UIC Class V Form Completed: ☐ Yes ☐ No
Water well disinfected? ☐ Yes ☐ No	County Permit: ☐ Yes ☐ No Permit ID:
Date disinfected (mm/dd/yy):	Lease Name & Well #:

LITHOLOGIC LOG

Aquifer, if known:

FROM	то	LITHOLOGY INTERVALS
Attache	Attache	Attached

of boreholes: _

COMMENTS

CONTRACTOR'S OR LANDOWNERS CERTIFICATION

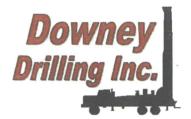
This water well was constructed ✓ reconstructed ☐ pursuant to the stated water well
contractor's license and was completed on12/02/2022 I certify that this record is true to
the best of my knowledge and belief. This water well record was completed on01/09/2023
under the business name of Downey Drilling, Inc. #748,
Kansas Water Well Contractor's License No748 under the authority of the designated
person as defined in K.A.R. 28-30-2(j) and signed and certified by the electronic signature of the
designated person at its submittal: Thomas Downey

Send one copy to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well. KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT

Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka KS 66612-1367 (785) 296-3565 | K.S.A. 82a-1212 | v2022c

WELL LOG

DATE: 12/2/2022



CUSTOMER NAME: CITY OF GARDEN CITY KS

LEGAL: NWSE 17-24S-32W

COUNTY: FINNEY

GPS: 37.965278 N

100.853333 W

			CHESTNUT - DEEP DR	ILLER: RYAN			WO:	22-1440
w	FROM	то	ТҮРЕ	HARDNESS	COLOR	SPEED	PULL DOWN	OTHER / DRILLING ACTION
	0	5	TOP SOIL	SOFT	DARK	FAST	NO	SMOOTH
	5	11	SANDY CLAY	SOFT	LI BR	FAST	NO	SMOOTH
	11	46	FINE-MED-COARSE GRAVEL	SOFT	RED/BR	FAST	NO	CHATTER
	46	73	SANDY CLAY	SOFT	LT BR	SLOW	NO	SMOOTH
	73	108	FINE-MED GRAVEL / THIN SANDY CLAY LAYERS	SOFT	RED/BR	FAST	NO	CHATTER
	108	136	SANDY CLAY / FINE-MED SAND	FIRM	LT BR	SLOW	NO	SMOOTH
	136	148	FINE-MED GRAVEL / THIN CLAY STRIPS	SOFT	RED/BR	FAST	NO	CHATTER
	148	190	FINE-MED GRAVEL	SOFT	RED/BR	FAST	NO	CHATTER
	190	194	SANDY CLAY	SOFT	LI BR	FAST	NO	SMOOTH
	194	207	MED-COARSE SAND / T FINE-GRAVEL / THIN CLAY LAYERS	SOFT	BR/RED	FAST	NO	CHATTER
	207	229	SANDY CLAY	SOFT	LT BR	FAST	NO	SMOOTH
	229	250	COARSE SAND / FINE GRAVEL	SOFT	BR/RED	FAST	NO	CHATTER
	250	254	SANDY CLAY	SOFT	LT BR	FAST	NO	SMOOTH
	254	260	COARSE SAND	SOFT	RED/BR	FAST	NO	CHATTER
	260	270	FINE-MED-COARSE SAND	SOFT	BR	FAST	NO	SLIGHT CHATTER
	270	276	SANDY CLAY	SOFT	LT BR	SLOW	NO	SMOOTH
	276	282	LIMESTONE / CLAY	HARD	WHITE	SLOW	YES	СНОРРУ
	282	295	SHALE	HARD	BLACK		YES	SMOOTH
			3 CUPS SODA ASH					
			10 BAGS QUIK GEL					
			1 GALLON EZ MUD					
			#6 QUIK TROL LV					
1			3000 GAL WATER					
			SOUR ONE WATER					
1								
1								
1								
1								
1						1		
1		-					·	
+								
+						-		
+						WATER	RESOUR	CES
4					-	RE	CEIVED	



DRILLER **BRENT**

METHOD

STR MUD ROTARY

CASING

TYPE: FLUSH JOINT PVC

DIAMETER:

2"

LENGTH:

243'

SCREEN

TYPE:

FLUSH JOINT PVC

DIAMETER:

2"

LENGTH: SLOT SIZE

10' 0.01

FILTER PACK

TYPE: AMOUNT: #40 RED FLINT 1000#

GROUT

TYPE:

NA

AMOUNT:

NA

SEALS: AMT & TYPE:

BOT:

MID:

0-230'

TOP: TYPE:

3500# HOLE PLUG

SITE#:

CHESTNUT

TH#:

DEEP WELL

WELL DEVELOPMENT

METHOD:

AIR LIFT

DURATION:

1 HOUR

COMMENTS:

2X2 CONCRETE PAD

PROJECT WELL NUMBER CITY OF GARDEN CITY, KS

COUNTY

FINNEY

LOGGED BY

ADAM

DEEP - CHESTNUT

LAND LEGAL NWSE 17-24S-32W

BOREHOLE DIA.

6.5"

DATE CONSTRUCTED

12/2/2022

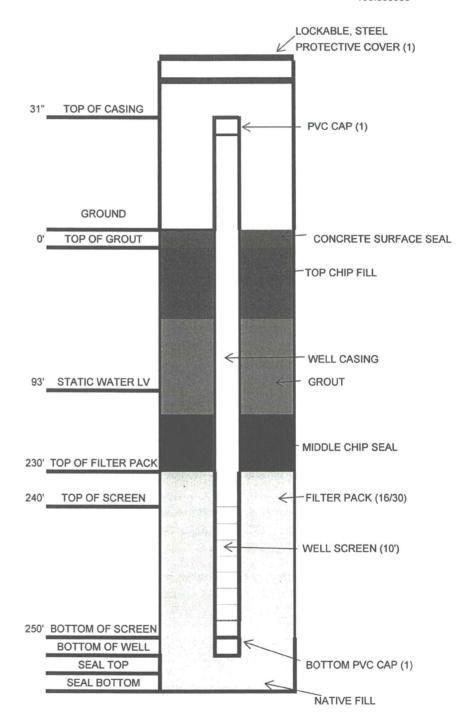
TOTAL DEPTH

250'

GPS LOCATION

37.965278

100.853333







GARDEN CITY CHESTNUT SITE

COMPANY

: DOWNEY DRILLING INC

WELL

: GARDEN CITY CHESTNUT SIT TH #1 DEE

LOCATION/FIELD

DEPTH DRILLER

COUNTY

: FINNEY

LOCATION

: NWSE

SECTION

: 17

TOWNSHIP

: 24S

OTHER SERVICES:

RANGE: 32W

KB

DF

GL

50

DATE

LOG TOP

CASING TYPE

: 12/02/22

: 295

LOG BOTTOM : 293.10

CASING DIAMETER: 10.

CASING THICKNESS:

: 0.30

LOG MEASURED FROM: GL

PERMANENT DATUM : GL

DRL MEASURED FROM: GL

LOGGING UNIT

FIELD OFFICE

: 1903 : DDI

: 49

RECORDED BY

: BRENT

BIT SIZE

: 6.25

MAGNETIC DECL. : 0

MATRIX DENSITY : 2.71

NEUTRON MATRIX: LIMESTON

BOREHOLE FLUID

RM

RM TEMPERATURE

MATRIX DELTA T

: MUD

FILE : ORIGINAL

TYPE : 8144A

LGDATE: 12/02/22

LGTIME: 10:39:

THRESH: 99999

N 37.57'55"

W -100 51'12"

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

WATER RESOURCES





Ag Testing - Consulting

Account No.: 41160

Water Analysis Report

DOWNEY DRILLING

PO BOX 278 LEXINGTON

NE 68850-0278

Invoice No.:

1392001

Date Received : Date Reported :

12/19/2022 12/20/2022

Lab Number:

30521

Results For: 22-1432

Location:

Sample ID: CN DEEP

рН

8.0

Total Dissolved Solids (TDS) Est, ppm

411

Electrical Conductivity, mmho/cm

0.69

Cations / Anions, me/L

8.1 / 7.5

	ppm
Sodium, Na	49
Potassium, K	4
Calcium, Ca	76.7
Magnesium, Mg	25
Total Hardness, CaCO ₃	297
Nitrate, NO ₃ -N	1.5 (SAFE)
Sulfate, SO ₄ -S	66
Chloride, Cl	24
Carbonate, CO ₃	< 1.0
Bicarbonate, HCO ₃	159
Total Alkalinity, CaCO ₃	131
Fluoride, F	0.64
Total Iron, Fe	< 0.01
Manganese, Mn	< 0.01

"<" - Not Detected / Below Detection Limit

WATER RESOURCES
RECEIVED

MAR 2 7 2023

KS DEPT OF AGRICULTURE

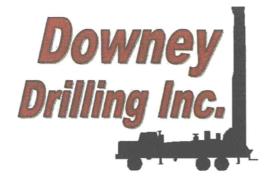
Reviewed By: Raymond Ward

12/23/2022

Copy: 1

Page 3 of 8

CORPORATE
75471 ROAD 435
LEXINGTON, NE 68850
308-324-2303



3210 ANTELOPE AVE. STE D **KEARNEY, NE 68847** 308-237-9283

525 INDUSTRIAL DR GARDEN CITY, KS 67846 620-277-7971

CITY OF GARDEN CITY NWSE 17-24S-32W FINNEY CO CHESTNUT SITE SHALLOW MONITORING WELL

WATER RESOURCES
RECEIVED

MAR 2 7 2023

KS DEPT OF AGRICULTURE

WATER WELL RECORD (WWC-5)

Constructed

	KOLAR DOC	ID_	1678995	 WELL ID
√	Original Record		Correction	Change in Well Use

OCA	TION	OF	SALAT	TED	WELL

Latitude	37.965272	Longitude	-100.853436	Section	17	Township	24	Range	32	□E ✓ W Fraction	SE	1/4	NW	1/4	SE	1/4
Datum	NAD83	Elevation		County										-		

WATER WELL OWNER

Name	
Business	CITY OF GARDEN CITY
	PO BOX 998
Address	GARDEN CI KS 67846
Well location	238 FT SOUTH FROM E LAUREL ST, 280 FT EAST
at owner's address	

ACT TO CASE THE CONTRACT CONTRACT OF THE CONTR	
CONSTRUCTION	
Borehole interval:	Borehole diameter:
from0 to155 ft.	_6.25 in.
fromtoft.	in.
Casing height above land sur	rface: 32 in.
If casing height is less the has a variance been appropriate the control of the c	
*variance not required for or environmental remed	diation wells
Casing type: Therm	nalPlastic
Blank casing interval:	0 ft. to 145 ft.
Blank casing diameter: 2	.38 in.
Casing joints:	Threaded
Weight: .72 lbs	s/ft.
Wall thickness or gauge	
Blank casing interval:	ft. toft.
Blank casing diameter:	in.
Casing joints:	
Weight:lbs	s/ft.
Wall thickness or gauge	no.:
Grout interval:0 ft. to	140 _{ft} .
Grout material: Ben	tonite
Grout interval: ft. to	
Grout material:	
Savage / manformation production	PVC
Screen / perforation materials	Continuous slat
Screen / perforation opening	s: Continuous stot

Grout material:	Bentonite	-
Grout interval:	ft. to	_ft.
Grout material:		
		DVC
Screen / perforation mat	terial:	rvc
Screen / perforation ope	enings: Con	tinuous slot
Screen / perforation inte	rvals:	
From145_ft. to	155 ft.	
Slot size01_ u	_{init} inches	_
From ft. to	ft.	
Slot sizeu	ınit	***************************************
Gravel pack intervals:		
Gravel pack not used	l: 🗌 Gravel	size #40 in
From140 ft. to _	155 ft.	
Gravel pack not used	l: 🗌 Gravel	size in
From ft. to	ft.	

	ΓER	

I EN USE		NEAREST SOURCE OF POTENTIAL CONTAMINATION
IEZOME	TER	Source:
ION		Distance Direction from well:
		Source description:
_ ft.; (2)	ft.;	Source:
		Distance Direction from well:
er level in	well:87_ft.	Source
	10/00/0000	description:
		✓ No potential source of contamination within 100 feet.
- ,,,		PERMIT & ID NUMBERS (AS REQUIRED)
		DWR Application No.:
er was.		KDHE / EPA Project Code:
talled?		Site Name: CHESTNUT SHALLOW
	163 4 110	KDHE UIC Class V Form Completed: ☐ Yes ☐ No
ll disinfect	ed? 🗆 Yes 🗆 No	County Permit: Yes No Permit ID:
nfected (m	m/dd/yy):	Lease Name & Well #:
f known:		# of boreholes: # of dewatering wells:
IC LOG		
то	LITHOLOGY INTERVALS	
	completed groundwa ft.; (2) ft.; (4) ft.; (5) ft.; (4) ft.; (2) ft.; (4) ft.; (2) ft.; (2) ft.; (3) ft.; (4) ft.; (4) ft.; (5) ft.; (2) ft.; (2) ft.; (2) ft.; (3) ft.; (4) ft.; (4) ft.; (4) ft.; (4) ft.; (5) ft.; (5) ft.; (6) ft.; (6) ft.; (7) ft.; (2) ft.; (2) ft.; (2) ft.; (2) ft.; (3) ft.; (4) ft.; (4) ft.; (4) ft.; (4) ft.; (4) ft.; (4) ft.; (5) ft.; (4) ft	PIEZOMETER FION Completed well:

FROM	то	LITHOLOGY INTERVALS
Attache	Attache	Attached

COMMENTS

CONTRACTORY	ORIA	NDOWNERS	CERTIFICATION

This water well was constructed ✓ reconstructed ☐ pursuant to the stated water well
contractor's license and was completed on12/06/2022 I certify that this record is true to
the best of my knowledge and belief. This water well record was completed on01/09/2023
under the business name of Downey Drilling, Inc. #748,
Kansas Water Well Contractor's License No under the authority of the designated
person as defined in K.A.R. 28-30-2(j) and signed and certified by the electronic signature of the
designated person at its submittal: Thomas Downey

Send one copy to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well. KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT

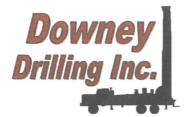
Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka KS 66612-1367 (785) 296-3565 | K.S.A. 82a-1212 | v2022c

Form	WWC5.2 - Water Well Record
Doc ID	1678995
Well Owner	CITY OF GARDEN CITY
Contractor	Downey Drilling, Inc. #748

Lithology

From	То	Lithology Intervals
0	5	topsoil,tan,soft
5	10	clay,red,soft
10	45	sand & gravel,fine to medium,red,soft
45	75	clay,fine to medium,sandy,tan,soft
75	110	sand & gravel,fine to coarse,red,soft
110	140	clay,fine to medium,sandy,tan,soft
140	146	sand & gravel,fine to coarse,red,soft
146	148	clay,tan,soft
148	155	sand & gravel,fine to medium,red,soft

WATER RESOURCES RECEIVED



CUSTOMER NAME: CITY OF GARDEN CITY KS

LEGAL: NW/SE 17-24S-32W

COUNTY: FINNEY CO.

GPS: N 37.965272

W 100.853436

	CHESTNUT - SHALLOW DRILL			: RYAN			WO:	22-1438	
TW	FROM	то	TO TYPE HAR		COLOR	SPEED	PULL DOWN	OTHER / DRILLING ACTION	
	0	5 TOP SOIL			TAN	FAST	NO	SMOOTH	
	5	10	CLAY	SOFT	RED	FAST	NO	SMOOTH	
	10	45	FINE-MED-SOARSE SAND FINE-MED-COARSE GRAVEL	SOFT	RED	FAST	NO	CHATTER	
_	45	75	SANDY CLAY FINE-MED SAND	SOFT	TAN	FAST	NO	SLIGHT	
	75	110	FINE-MED-SOARSE SAND FINE-MED GRAVEL CLAY & MAH STRINGE	SOFT	RED	FAST	NO	CHATTER	
	110	140	FINE-MED SAND SANDY CLAY	SOFT	TAN	FAST	NO	SLIGHT	
	140	146	FINE-MED-SOARSE SAND FINE GRAVEL	SOFT	RED	FAST	NO	SMOOTH	
	146	148	CLAY	SOFT	TAN	FAST	NO	CHATTER	
	148	160	FINE-MED-SOARSE SAND FINE GRAVEL	SOFT	RED	FAST	NO	CHATTER	
<u></u>									
i									
1			QUIK GEL - 9						
			SODA ASH - 4 CUPS						
			QUIK TROL - 6#S						
			EZ MUD - 1/2 GAL						
ĺ									
1									
-									
Ī									
'									
-									
'									
1									



DRILLER RYAN

LENGTH:

METHOD

STRAIGHT MUD

CASING

145' + 32"

TYPE: **FLUSH JOINT PVC**

DIAMETER:

SCREEN TYPE: FLUSH JOINT PVC

DIAMETER: 2" LENGTH: 10' SLOT SIZE 0.01

FILTER PACK

TYPE: #40 RED FLINT

AMOUNT: 1200 LBS

GROUT

TYPE: AMOUNT:

SEALS: AMT & TYPE:

BOT:

MID: 0-140'

TOP:

TYPE: 3/4" HOLE PLUG

SITE#: CHESTNUT

TH#: SHALLOW

WELL DEVELOPMENT

METHOD: AIR LIFT

DURATION: 1 HOUR

COMMENTS:

2X2 CONCRETE PUD 1 WELL PROTECTOR

PROJECT CITY OF GARDEN CITY

> COUNTY FINNEY

LOGGED BY **ADAM**

WELL NUMBER

SHALLOW / CHESTNUT

LAND LEGAL

NWSE 17-24S-32W BOREHOLE DIA.

6.25"

DATE CONSTRUCTED

12/6/2022

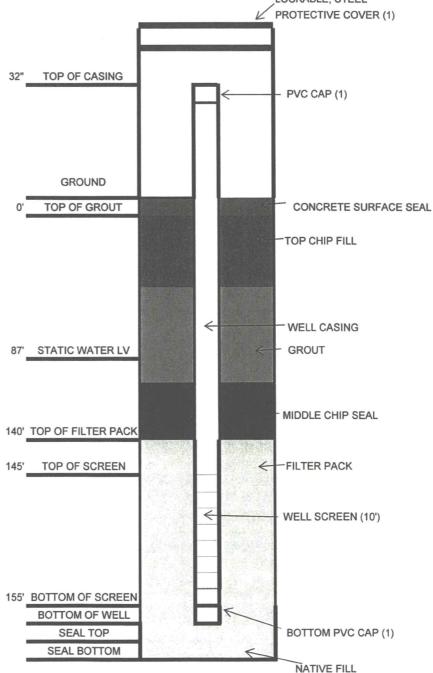
TOTAL DEPTH

155'

GPS LOCATION

37.965272 100.853436





WATER RESOURCES RECEIVED





Ag Testing - Consulting

Account No.: 41160

Water Analysis Report

DOWNEY DRILLING

PO BOX 278

LEXINGTON

NE 68850-0278

Invoice No.:

1392001

Date Received:

12/19/2022

Date Reported:

12/20/2022

Lab Number:

30520

Results For: 22-1432

Location:

Sample ID: CN SHALLOW

7.6

Total Dissolved Solids (TDS) Est, ppm

1632

Electrical Conductivity, mmho/cm

2.72

Cations / Anions, me/L

35.6 / 35.7

	ppm
Sodium, Na	352
Potassium, K	9
Calcium, Ca	291.5
Magnesium, Mg	66
Total Hardness, CaCO3	1005
Nitrate, NO ₃ -N	6.3 (SAFE)
Sulfate, SO ₄ -S	443
Chloride, CI	107
Carbonate, CO ₃	< 1.0
Bicarbonate, HCO3	271
Total Alkalinity, CaCO3	223
Fluoride, F	0.14
Total Iron, Fe	< 0.01
Manganese, Mn	< 0.01

[&]quot;<" - Not Detected / Below Detection Limit

Reviewed By: Raymond Ward

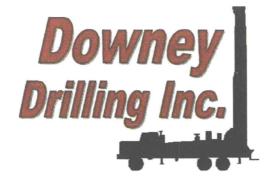
12/23/2022

Copy: 1

Page 2 of 8

Bus: 308-234-2418 Fax: 308-234-1940

web site www.wardlab.com 4007 Cherry Ave., P.O. Box 788 Kearney. Nebraska 68848-0788 CORPORATE
75471 ROAD 435
LEXINGTON, NE 68850
308-324-2303



3210 ANTELOPE AVE. STE D **KEARNEY, NE 68847** 308-237-9283

525 INDUSTRIAL DR GARDEN CITY, KS 67846 620-277-7971

CITY OF GARDEN CITY NWSE 17-24S-32W FINNEY CO CHESTNUT SITE MIDDLE MONITORING WELL

WATER RESOURCES RECEIVED

MAR 2 7 2023

KS DEPT OF AGRICULTURE

WATER	WELL	RECORD	(WWC-5)
-------	------	---------------	---------

Constructed

	KOLAR DOC	ID	1678985	W	ELL ID
1	Original Record		Correction		Change in Well Use

LOCAT			

LOCATION	OF WATER WELL	•														
Latitude	37.96528	Longitude	-100.853391	Section	17	Township	24	Range	32	□E ▼W Fraction	SE	1/4	NW	1/4	SE	1/4
Datum	NAD83	Elevation	2832	County	Finne	y										

WATER WELL OWNER

Name	
Business	CITY OF GARDEN CITY
	PO BOX 998
Address	GARDEN CI' KS 67846
Well location	238 FT SOUTH FROM E LAUREL ST, 280 FT EAST
at owner's address	

AND AND COMPANY OF THE PARTY OF	
CONSTRUCTION	
Borehole interval:	Borehole diameter:
from0 to200 ft.	6.25 in.
fromto ft.	in.
Casing height above land sur	0.0
If casing height is less that has a variance been appr	
*variance not required for or environmental remed	liation wells
Casing type: Thern	nalPlastic
Blank casing interval:	0 ft. to 190 ft.
Blank casing diameter: 2	.38 _{in.}
Casing joints:	Threaded
Weight:72 lbs	/ft.
Wall thickness or gauge 1	no.: SCH 40
Blank casing interval:	
Blank casing diameter:	in.
Casing joints:	
Weight:lbs	/ft.
Wall thickness or gauge r	10.:
Grout interval:0 ft. to	
Grout material: Ben	tonite
Grout interval: ft. to	
Grout material:	

Screen / perforation material: _	PVC
Screen / perforation openings:	Continuous slot
Screen / perforation intervals:	

Screen / perfor	ration ir	iterval	ls:
From196	0_ft. to	200	<u>0_ft.</u>
Slot size	.01	unit	inches
From	ft. to		ft.

Slot size ____ unit ___

Gravel pack intervals:

C			C 1:	#4D ·	
Gravel pa	ick not used:	Ш	Gravel size	π4U.	in
From	185 ft. to _	20	0_ft.		
Gravel pa	ick not used:		Gravel size		in
From	ft. to		_ ft.		

1500F0949400400					
WELL WATER USE	NEAREST SOURCE OF POTENTIAL CONTAMINATION				
Other PIEZOMETER	Source:				
COMPLETION	Distance Direction from well:				
Depth of completed well:	Source description:				
(1) ft.; (2) ft.;	Source:				
(3) ft.; (4)	Distance Direction from well:				
Static water level in well:87.9 ft.	Source Holl well.				
✓ measured below land surface on (mm/dd/yy): 12/05/2022	description:				
measured above land surface on (mm/dd/yy):	✓ No potential source of contamination within 100 feet.				
Estimated yield: gpm	PERMIT & ID NUMBERS (AS REQUIRED)				
Water level was: ft. after hours	DWR Application No.:				
pumpinggpm	KDHE / EPA Project Code:				
Pump installed? ☐ Yes No	Site Name: CHESTNUT MIDDLE				
	KDHE UIC Class V Form Completed: ☐ Yes ☐ No				
Water well disinfected? ☐ Yes ☐ No	County Permit: Yes No Permit ID:				
Date disinfected (mm/dd/yy):	Lease Name & Well #:				
Aquifer, if known:	# of boreholes: # of dewatering wells:				
LITHOLOGIC LOG	•				

FROM	то	LITHOLOGY INTERVALS	
Attache	Attache	Attached	

COMMENTS

CONTRACTOR'S OR LANDOWNERS CERTIFICATION

This water well was constructed ✓ reconstructed ☐ pursuant to the stated water well
contractor's license and was completed on12/05/2022 I certify that this record is true to
the best of my knowledge and belief. This water well record was completed on01/09/2023
under the business name of Downey Drilling, Inc. #748,
Kansas Water Well Contractor's License No748 under the authority of the designated
person as defined in K.A.R. 28-30-2(j) and signed and certified by the electronic signature of the
designated person at its submittal: Thomas Downey

Send one copy to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.

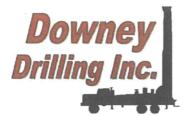
KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka KS 66612-1367 (785) 296-3565 | K.S.A. 82a-1212 | v2022c

Form	WWC5.2 - Water Well Record
Doc ID	1678985
Well Owner	CITY OF GARDEN CITY
Contractor	Downey Drilling, Inc. #748

Lithology

From	To	Lithology Intervals
0	5	topsoil,tan,soft
5	11	clay,brown,soft
11	46	sand & gravel,fine to coarse,gravelly,red,soft
46	74	clay,sandy,tan,soft
74	110	sand & gravel,fine to coarse,tan,soft
110	140	clay,fine to medium,sandy,tan,soft
140	186	sand & gravel,medium to coarse,red,soft
186	192	clay,fine to medium,sandy,tan,soft
192	200	sand & gravel,fine to coarse,red,soft

WATER RESOURCES RECEIVED



CUSTOMER NAME: CITY OF GARDEN CITY KS

LEGAL: NW/SE 17-24S-32W

COUNTY: FINNEY CO.

GPS: N 37.965280

W 100.853391

			CHESTNUT - MIDDLE DRILLER:	RYAN			WO:	22-1439
TW	FROM	то	TYPE	HARDNESS	COLOR	SPEED	PULL DOWN	OTHER / DRILLING ACTION
	0	5	тс	SOFT	TAN	FAST	NO	SMOOTH
	5	11	CLAY	SOFT	BRW/RED	FAST	NO	SMOOTH
	11	46	FINE-MED-COARSE SAND FINE-MED-COARSE GRAVEL	SOFT	RED	FAST	NO	CHATTER
	46	74	SANDY CLAY	SOFT	TAN	FAST	NO	SMOOTH
	74	110	FINE-MED-COARSE SAND FINE-MED-COARSE GRAVEL CLAY STRINGES	SOFT	TAN/RED	FAST	NO	SLIGHT
	110	140	SANDY CLAY FINE-MED SAND	SOFT	TAN	FAST	NO	SLIGHT
	140	186	FINE-MED-COARSE SAND FINE-MED-COARSE GRAVEL	SOFT	RED	FAST	NO	CHATTER
	186	192	SANDY CLAY FINE-MED-COARSE SAND	SOFT	TAN	FAST	NO	SLIGHT
	192	204	FINE-MED-COARSE SAND FINE GRAVEL	SOFT	RED	FAST	NO	CHATTER
	204	205	MAG	SOFT	WHITE	FAST	NO	СНОРРУ
	205	210	SANDY CLAY	SOFT	BROWN	FAST	NO	SMOOTH
			6 CUPS SODA ASH					
			QUIK GEL - 8 BAGS					
			QUIK TROL - NONE					
			EZ MUD5 GALLON					
7								
\forall								
1								
+								
\dashv								
+								
+							-	
\dashv								
+						-	-	



DRILLER RYAN METHOD STR MUD ROT <u>PROJECT</u> CITY OF GARDEN CITY

> COUNTY FINNEY LOGGED BY ADAM

> > SEAL BOTTOM

WELL NUMBER

MIDDLE - CHESTNUT

LAND LEGAL

NWSE 17-24S-32W BOREHOLE DIA. 6.25" DATE CONSTRUCTED

12/5/2022

TOTAL DEPTH

200'

-100.853391

GPS LOCATION 37.96528

CASING

TYPE:

FLUSH JOINT PVC

DIAMETER:

2"

LENGTH:

190' + 32"

SCREEN

TYPE:

FLUSH JOINT PVC

DIAMETER:

2" 10'

LENGTH: SLOT SIZE

0.01

FILTER PACK

TYPE: AMOUNT: #40 RED FLINT 1000LBS

GROUT

TYPE: AMOUNT:

SEALS: AMT & TYPE:

BOT: MID:

0-185'

TOP: TYPE:

3/4" HOLE PLUG

SITE#: TH#: CHESTNUT

WELL DEVELOPMENT

METHOD:

DURATION:

AIR LIFT 1 HOUR

COMMENTS:

2X2 CONCRETE PAD 1 WELL PROTECTOR

LOCKABLE, STEEL PROTECTIVE COVER (1) TOP OF CASING PVC CAP (1) **GROUND** TOP OF GROUT CONCRETE SURFACE SEAL TOP CHIP FILL 4 - WELL CASING - GROUT 87.9' STATIC WATER LV MIDDLE CHIP SEAL 185' TOP OF FILTER PACK TOP OF SCREEN FILTER PACK (16/30) < WELL SCREEN (10') 200' BOTTOM OF SCREEN **BOTTOM OF WELL SEAL TOP BOTTOM PVC CAP (1)**

WATER RESOURCES
RECEIVED

NATIVE FILL





Ag Testing - Consulting

Account No.: 41160

Water Analysis Report

DOWNEY DRILLING

PO BOX 278 LEXINGTON

NE 68850-0278

Invoice No.:

1392001

Date Received : Date Reported :

12/19/2022 12/20/2022

Lab Number :

30519

Results For: 22-1432

Location:

Sample ID: CN MIDDLE

Н

7.7

Total Dissolved Solids (TDS) Est, ppm

1644

Electrical Conductivity, mmho/cm

2.74

Cations / Anions, me/L

36.9 / 37.5

	ppm
Sodium, Na	263
Potassium, K	9
Calcium, Ca	350.6
Magnesium, Mg	92
Total Hardness, CaCO ₃	1261
Nitrate, NO ₃ -N	4.0 (SAFE)
Sulfate, SO ₄ -S	487
Chloride, Cl	111
Carbonate, CO ₃	< 1.0
Bicarbonate, HCO ₃	217
Total Alkalinity, CaCO ₃	179
Fluoride, F	0.14
Total Iron, Fe	< 0.01
Manganese, Mn	0.01

"<" - Not Detected / Below Detection Limit

Reviewed By: Raymond Ward

12/23/2022

Copy: 1

Page 1 of 8

Bus: 308-234-2418 Fax: 308-234-1940 web site www.wardlab.com

4007 Cherry Ave., P.O. Box 788 Kearney, Nebraska 68848-0788 1320 Research Park Drive Manhattan, KS 66502 785-564-6700 www. agriculture.ks.gov



900 SW Jackson, Room 456 Topeka, KS 66612 785-296-3556

Mike Beam, Secretary

Laura Kelly, Governor

April 7, 2023

CITY OF GARDEN CITY , ATTENTTION WATER DEPARTMENT PO BOX 998 301 N 8TH ST GARDEN CITY KS 67846

RE: File No(s). 1230

Dear Sir or Madam:

The Division of Water Resources (Division) has received your application(s) to change the place of use, point of diversion or use made of water for the file number(s) referenced above. Please be aware that the Division may have a large number of pending applications on hand at times and makes every attempt to process them in the order in which they are received. You will be contacted if additional information is required.

Please note, this letter only acknowledges receipt of your application(s) and does not guarantee approval. In accordance with the provisions of the Kansas Water Appropriation(s) Act, the use of water as proposed prior to approval of the application(s) is unlawful.

Additional information about the process may be found on our website at <u>agriculture.ks.gov/divisions-programs/dwr</u>. If you have any other questions, please contact our office at 785-564-6640 or your local Garden City Field Office at 620-276-2901. If you call, please reference the file number so we can help you more efficiently.

Sincerely,

Kristen Baum

New Applications and Changes Supervisor

Water Appropriation Program

Kristen a Baum