Kansas Department of Agriculture Division of Water Resources CHANGE: P/D WORKSHEET

1. File Number: 20936	2. Status Change Date:	3. Change Num:	4. Field Office:	5. GMD:
6. Status: ☐ Approved ☐	Denied by DWR/GMD	Dismiss by Reques	st/Failure to Return	7. Filing Date of Change: 2/19/2020
8a. Applicant(s) New to system GRAHAM FARMS INC 2150 ROAD 220 DEERFIELD, KS 6783		8c. Landown New to sy		Person ID Add Seq#
8b. Landowner(s) New to system 8a	Person IDAdd Seq#	8d. WUC New to sy	vstem □	Person ID Add Seq#
9. Documents and Enclosure(s): 2 Anti-Reverse Meter	eter Seal	⊠ N & P Form	── ☑ Water Tube ☑	Driller Copy ⊠ H & E Letter
10. Use Made of Water From: _		To:	Date Prepared: 2/21 Date Entered:	1/2020 By: AM By:

	11. County: KE		Basin:	ARKA	Basin: ARKANSAS RIVER	RIVER			Stre	Stream:			1			7,4	211/331	 O	Special Use:	
12. Points of Diversion CHK MOD			SD. (S	Femal								Rate	e and Quant Authorized	Rate and Quantity Authorized		· ·	Additional			
DEL PDIV Qualifier	⊢	œ	0		ž	Š		Comr	nent (A	Comment (AKA Line)	<u> </u>	Rate	a te	Quantity	ity	Rate	S Quantity af		Overlap PD Files	
DEL 32118			SHIP							ryi sa						13	Lag.	100		
ENT SW NE NE	15 258	35W			4182	1172	2		A -	Ġį		815	D.	272		815	5 272		NONE	
18175 2 minerari 18175 2 minerari 18		10190	0.5	10000													- manager	0,031 (0)		
13. Storage: Rate	F	ğ	Quantity	016				ac/ft	Ado	Additional Rate	Rate				¥		Additional Quantity	ış.	N46, 21 13 cd-18	ac/ft
14. Limitation:	affyr ataffyr at		703 63	0.00) mdg				fs) whe	cfs) when combined with file number(s) cfs) when combined with file number(s)	oined w	ith file	numbe	r(s)				N ga	416 m 2011 NG CIU	
15. 5YR Allocation: Allocation Type	lpe	Start Year	ear		5 YF	5 YR Amount	ıt		Amon	Amount Unit		Bas	Base Acres	9	0	Comment	THE STATE OF		entek revoa NOTE	
16. Place of Use CHK		6	NE%	IOID 3		Z	NW%			SW%				SE14		Total	Owner	Chg?	Overlap Files	
MOD DEL ENT PUSE S T R	Q	NE %	NW SW	N SE	NE X	WW %	SW %	SE %	N ×	NW %	SW SE	N.×	WW %	SW %	SE %		2008	son i		
CHK 35647			NT I	1-171-1-7					9-11	i no ush					(Englany)		SME	10.65		
		no fit	0 30		-							-	120				baihe			
		- 4	Sic.										aze	114			0.0			
72 11	loi3	Incl											Ca :	1		3-5	4			
				351					1					130		-/-	85			
Base Acres: Year:	Minir	Minimum Reasonable Quantity:	asona	ble Qu	antity:				THE STATE OF				IELL	O AR	red	-	arg S e a a mana			
Comments:																				
	reau.	per l'	PATE T	-				25	ros pr				ad.	Pig			ark. 6	R. ell-		

Garden City Field Office 4532 W. Jones, Suite B Garden City, KS 67846



Phone: 620-276-2901 Fax: 620-276-9315 www.agriculture.ks.gov

Mike Beam, Secretary

Laura Kelly, Governor

February 21, 2020

GRAHAM FARMS INC 2150 ROAD 220 DEERFIELD, KS 67838-9513

RE:

Water Right, File No. 20936

Dear Sir or Madam:

Enclosed is the order executed by the designee of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, approving the application for change under the above referenced file number.

Your attention is directed to the enclosures and to the terms, conditions, and limitations specified in this approval for change. A condition of this approval is that an acceptable water flow meter must be installed on the diversion works authorized under the referenced file number and meet current specifications. Please return the required notification of completion of the diversion works and installation of the required meter as soon as these actions are completed.

Since the order modifies the original document referred to above, it should be recorded with the Register of Deeds as other instruments affecting real estate.

Should you have any questions, please feel free contact this office. If you would prefer, you could arrange an appointment for additional assistance.

Sincerely,

Austin J. McColloch

Assistant Water Commissioner

AM: enclosures

pc:

GROUNDWATER MANAGEMENT DISTRICT NO. 3



On this 21st day of February, 2020, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File No. 20,936 dated 21st day of February, 2020 was mailed postage prepaid, first class, US mail to the following:

inden se l'incluye de la celle de la company de la lanciere de l'arithme represent a cel

GRAHAM FARMS INC 2150 ROAD 220 DEERFIELD, KS 67838-9513

Pc:

GROUNDWATER MANAGEMENT DISTRICT NO. 3

Division of Water Resources Staff

Submit completed application to: Kansas Department of Agriculture Division of Water Resources Field Office for your area. Call for address:

Topeka -- (785) 296-5733 Stafford -- (620) 234-5311

Stockton -- (785) 425-6787 Garden City -- (620) 276-2901 http://agriculture.ks.gov/dwr

DWR FIELD OFFICE APPLICATION FOR APPROVAL TO CHANGE THE PLACE OF USE AND/OR THE POINT OF DIVERSION



STATE OF KANSAS

Filing Fee Must Accompany the Application, K.S.A. 82a-708b(b), as amended. Fee Schedule is on the third page of this application form.

Paragraph Nos. 1, 2, 3 & 5 must be completed. Complete all other applicable portions. If change in point of diversion is greater than 100 feet, or if place of use will be changed, include a topographic map or detailed plat showing the authorized and proposed point(s) of diversion and/or place of use.

	version a		76				File No	2093	6			ora da					ese:		EIVED
							ile ivo	. <u>2030</u>				- alle	LONG TO					CB I	9 2020
	Application	on is he	reby n	nade fo	or app	roval c	of the C	Chief E	ngine	er to ch	nange	the (ch	eck or	ne or b	oth):		Ga	rden City	Field Office
						□ P	lace o	f Use		\boxtimes	Point	of Dive	ersion				DIVISIO	IN OF WA	TER RESOUR
	under the	e water	right w	hich is	s the s	ubject	of this	applic	ation i	n acco	rdance	e with t	the cor	ndition	s desc	ribed I	pelow.		
	The sour						round				Surfac								
	Name an	nd addre	ess of	Applica	ant: G	RAHA	M FAF	RMS IN	VC										
	2150 RO			2 3									of Yes	1					016910
	Phone N	The York I	11.123	VALUE OF THE					Email	addre	ss:			740	LIQU.	- 14-			
	Name an				TERM THE	orresp	onden	t: Sar							and bearing				MAN SELL
		HU.	r skel	F 1	The same of	1 50	719 /15								Na.	100	100	1611	
	Phone N	umber:	()					Email	addre	ss:	Links		uja.		- 1944	100		
	The pres	ently au	uthoriz	ed plac	ce of u	ise is:													
	Owner of	f Land -	NA	ME:	Same		- 471					- 1/4		1					
				ESS:															
	(If there is	more th	an one	landow	vner, at	tach su	ippleme	ental sh	eets as	neces	sary.)		Servi I	7 0	mod	<u> Limbol</u>			يلا تدافيان
1	\			NE	=1/4			NV	N ¹ / ₄			SV	V1/4			SI	E1/4		TOTAL
ec	. Twp.	Range	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	ACRES
									ant.					<u> </u>					
					\			191		100			ALC:		Litter			2	
	To Feed	MATE.		17904	19.4				Dize					للسلطة	Line	11.16			100
								\											
	If this ap								DAG FOR	ed that	the pl	ace of	use be	e chan	ged to	:			
	Owner of													- 4-1-1					
				ESS:				-1-1-1			\					1		-	
	(If there is	more th	an one	landow	vner, at	tach su	ippleme	ental sr	ieets as	neces	sary.)	18 7 07					ار برا بس <u>را</u> از رو		APPENDE.
				NE	E1/4				N ¹ / ₄				N1/4			10000	E1/4		TOTAL
	. Twp.	Range	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	
ec			P. S. L. B. J. J. J.	1		717/5	- 11-14												
ec	100				10.10	-							10000	III STATE		10000			The state of
Sec	00.											usdrū			g _{ery} , v	-10/10			

THE REAL PROPERTY AND ADDRESS OF THE PARTY AND		Quarter of the	NC	Qua	rter of the	3A11	NE		1.13	Quarte
of Section	15	, Township	25	Sout	h, Range		3	5	to Lea	(W
		inty, Kansas, 3960								
		Authorized Quantity								
(DWR use only: Co	mputer ID	No. 2 GP	S	feet N	North		f	eet W	est)	
☐This point will not be	changed	☐This point will be change	ed as follows:	No chang	e, point be	tter de	scribed	with GF	S as	follows:
Proposed point of d	liversion: (Complete only if change	ge is requeste	d or if exi	sting poi	nt is b	etter de	escrib	ed b	y GPS)
One in the	J	Quarter of the	WE NE	Qua	rter of the		NE			Quarte
of Section	15	, Township	25	Sout	h, Range		3	5		(W)
in KE	Cou	unty, Kansas, <u>4182</u>	_ feet North _	1172	feet Wes	st of S	outheas	t corne	er of	section.
Proposed Raten	change	Proposed Quantity	no change	Propos	sed well d	epth (f	eet)	6	40	T. Harris
This point is: Add	itional Well	☐ Geo Center List o	ther water righ	ts that will	use this	ooint_	Wast.		140	QUILLY
				5.000					100	
Presently authorize	d point of	diversion:				147				
One in the		Quarter of the		Qua	rter of the					Quarte
of Section	The Art	Township		Sout	h, Range		· ·			(E/W)
in , said on the Trails , in	Col	Township	feet North	nito adi	feet Wes	st of S	outheas	t corne	er of	section.
Authorized Rate		Authorized Quantity		Depth	of well			(fee	et)	
(DWR use only: Co	mputer ID	No GP	S	feet N	North	THE.	f	eet W	est)	
		☐This point will be change								follows:
		Complete only if change								
		Quarter of the								
One in the		Constret of the		(3113						Conane
of Cootion		quarter or the		Contract	b D	24180	15 70,82	SHIPTING.	410,3	(EAAA
of Section		, Township		Sout	h, Range					(E/W)
of Section in	Cou	, Township unty, Kansas,	_ feet North _	Soul	h, Range feet Wes	et of S	outheas	t corne	er of	(E/W) section.
of Sectionin Proposed Rate	Cou	, Township unty, Kansas, Proposed Quantity _	_ feet North _	Sout	th, Range feet Wes sed well d	epth (f	outheas eet)	t corne	er of	(E/W) section.
of Sectionin in Proposed Rate	Cou	, Township unty, Kansas,	_ feet North _	Sout	th, Range feet Wes sed well d	epth (f	outheas eet)	t corne	er of	(E/W) section.
of Section in Proposed Rate This point is: ☐ Add	Cou	, Township unty, Kansas, Proposed Quantity _ Geo Center List o	_ feet North _ other water righ	Sout	th, Range feet Wes sed well d	epth (f	outheas eet)	t corne	er of	(E/W) section.
of Sectionin	Countrictional Well are desired	, Township unty, Kansas, Proposed Quantity _ Geo Center List o	_ feet North _ other water righ	Sout	th, Range feet Wes sed well d use this	et of Septh (fooint _	outheas eet)	t corne	er of	(E/W) section.
of Sectionin	Countrictional Well are desired	, Township unty, Kansas, Proposed Quantity _ Geo Center List o	_ feet North other water rights?	Proposits that will	feet Wes	epth (f	outheas eet)	t corne	er of	(E/W) section.
of Sectionin	Countrictional Well	, Township unty, Kansas, Proposed Quantity _ Geo Center List o	_ feet North other water rights?	Sout	feet Wes	epth (f	outheas eet)	t corne	er of	(E/W) section.
of Sectionin	tiional Well	, Township unty, Kansas, Proposed Quantity _ Geo Center List o for the following reason	_ feet North other water rights?	Proposits that will	feet Wessed well duse this	epth (fooint _	outheas eet)	200	er of	(E/W) section.
of Sectionin in	tiional Well	, Township unty, Kansas, Proposed Quantity _ Geo Center List o	_ feet North other water rights?	Proposits that will	feet Wessed well duse this	epth (fooint _	outheas eet)	200	er of	(E/W) section.
of Section in Proposed Rate This point is:	countitional Well are desired the log attach	, Township unty, Kansas, Proposed Quantity _	_ feet North other water rights?	Proposits that will	feet Wessed well duse this	epth (fooint _	outheas eet)	200	er of	(E/W) section.
of Section in Proposed Rate This point is:	countitional Well are desired the log attach	, Township unty, Kansas, Proposed Quantity _	_ feet North other water right se? 300 200	Proposits that will	feet Wessed well duse this	epth (fooint _	outheas eet)	200	er of :	(E/W) section.
of Section in Proposed Rate This point is:	countitional Well are desired the log attach	, Township unty, Kansas, Proposed Quantity _	_ feet North other water rights?	Proposits that will	feet Wessed well duse this	epth (fooint _	outheas eet)	200	er of :	(E/W) section.
of Section in Proposed Rate This point is:	cou itional Well are desired e log attach will be) comp	, Township unty, Kansas, Proposed Quantity _	_ feet North other water right se? 300 200	Proposits that will	feet Wessed well duse this	epth (fooint _	outheas eet)	200	er of :	(E/W) section.
of Section in Proposed Rate This point is:	countitional Well are desired e log attach will be) comparis a well:	, Township unty, Kansas, Proposed Quantity Geo Center List o for the following reason ed? Yes No pleted by?	_ feet North other water right as? 300 200 100	Sout	feet Wessed well duse this	epth (fooint _	100 100 -	200 		(E/W) section.
of Section in Proposed Rate This point is:	countitional Well are desired e log attach will be) comparis a well:	, Township unty, Kansas, Proposed Quantity Geo Center List o for the following reason ed? Yes No pleted by?	_ feet North other water right as? 300 200 100	Proposits that will	feet Wessed well duse this	epth (fooint _	100 100 -	200 		(E/W) section.
of Section	countitional Well are desired e log attach will be) comparis a well:	, Township unty, Kansas, Proposed Quantity Geo Center List o for the following reason ed? Yes No pleted by?	_ feet North other water right as? 300 200 100	Sout	feet Wessed well duse this	epth (fooint _	100 100 -	200 		(E/W) section.
of Section	countitional Well are desired the log attach will be) comparis a well:	, Township unty, Kansas, Proposed Quantity Geo Center List o for the following reason ed? Yes No pleted by?	_ feet North other water right as? 300 200 100	Sout	feet Wessed well duse this	epth (fooint _	100 100 -	200 	::::::::::::::::::::::::::::::::::::::	(E/W) section.
of Section	countitional Well are desired the log attach will be) comparis a well:	, Township unty, Kansas, Proposed Quantity Geo Center List o for the following reason ed? Yes No pleted by?	_ feet North other water rights? 300 200 West 0	Sout	feet Wessed well duse this	epth (fooint _	100 100 -	200 	::::::::::::::::::::::::::::::::::::::	(E/W) section.
of Section	countitional Well are desired e log attach will be) comp n is a well: ng to do with	, Township unty, Kansas, Proposed Quantity Geo Center List of for the following reason ed? Yes No pleted by?	feet North other water right se? 300 100 West 0	Sout	feet Wessed well duse this	epth (fooint _	100 100 -	200 		(E/W) section. 300 200 100 100 100
of Section	cou itional Well are desired e log attach will be) comp is a well: ing to do with done? ment District	, Township unty, Kansas, Proposed Quantity Geo Center List o for the following reason ed? Yes No pleted by?	feet North other water right se? 300 100 West 0	Sout	feet Wessed well duse this	epth (fooint _	100 100 -	200 		(E/W) section.
of Section	countitional Well are desired e log attach will be) comp n is a well: ng to do with	, Township unty, Kansas, Proposed Quantity Geo Center List of for the following reason ed? Yes No pleted by?	feet North other water right se? 300 100 West 0	Sout	feet Wessed well duse this	epth (fooint _	100 100 -	200 		(E/W) section. 300 200 100 100 100
of Section	cou itional Well are desired e log attach will be) comp is a well: ing to do with done? ment District	, Township unty, Kansas, Proposed Quantity Geo Center List of for the following reason ed? Yes No pleted by?	_ feet North other water right se? 300 100 100 West 0	Sout	feet Wessed well duse this	epth (fooint	100 100 1 + 3 1 + -	200 		(E/W) section. 300 200 100 100 100

feet but within 2,640 feet of the existing point of diversion, attach a topographic map or aerial photograph. For groundwater sources, show all wells (including domestic) within one-half mile addresses of the owners. For surface water sources, show the names and addresses of the landowner(s) one-half mile downstream and one-half mile upstream from your property lines

14. If the proposed groundwa	ater point of dive	ersion is 300 or fewer feet f	from the existing point of diversion, comp	lete the following:
(a) Does the undersigne ☐, Yes ☐ No		owners of the currently aut owners must sign this app	horized place(s) of use identified in this a lication.)	application?
(b) Will the ownership ir affected if this application ☐ Yes ☑ No	ation is approve		orized place(s) of use identified in this a plication.)	pplication be adversely
(c) If this application is n ☑ Yes ☐ No		peditiously, will there be su owners must sign this app	ibstantial damage to property, public hea lication.)	Ith or safety?
	ne application m	ust be signed by all owner	a groundwater change in point of diversing of the currently authorized place of use	
age and the owner, the sp	oouse of the o	owner, or a duly autho ght(s) to which this ap	mation and under penalty of perjudication and under penalty of perjudication pertains. I further verify day of	ce this application on
2. 2/1		0 -		
Cof Sunhan	Owner)	od so do basansaran	(Spouse)	nite or stepling
(Ple	ease Print)		(Please Print)	A.
	Owner)	eriori Parezi electri eriori Romania	(Spouse)	Me by Australia (1)
(Ple	ase Print)	Mattersons scope at bac	(Please Print)	
	Owner)	edus di el Petropos sentena Petros dias yenerale	(Spouse)	Corb. Horselpf Lin
(Ple	ase Print)		(Please Print)	
State of Kansas County of Juney I hareby certify that the of		SS olication was signed in	my presence and sworn to before	me this 19th day
oi Sectionis	20			
My Commission Expires	NOTARY M	JULIE JONES y Appointment Expires December 15, 2022	Notary Public	160
		CLSSED. To be complete, a ncluded; signatures of all the	II of the applicable portions of the application tappropriate owners' must be affixed to the app	
forth in the schedule below: M (1) Application to cha (2) Application to cha (3) Application to cha	Take checks pay inge a point of d inge a point of d	yable to: Kansas Departn liversion 300 feet or less . liversion more than 300 fee	der this section shall be accompanied by	\$100 \$200
2505 21 rodmoos0 DWR 1-121 (Revised 04/5/2018)		Page 3		File No. 20936

Page 3

DWR 1-121 (Revised 04/5/2018)

SUMMARY ORDER APPROVING APPLICATION FOR CHANGE AND IMPOSING CONDITIONS

This Summary Order is issued under authority of K.S.A. 82a-708b, as amended, and K.A.R. 5-5-1, et seq. and other applicable provisions of the Kansas Water Appropriation Law, K.S.A. 82a-701 et. seq., and rules and regulations promulgated thereunder, With the exception of those conditions expressly contained herein, this Summary Order does not change the terms, conditions and limitations of File No. 20936 requesting that the place of use and / or point of On and after the effective date of this summary order, the authorized place(s) of use shall be located substantially as shown on the topographic map accompanying the application to change the place of use. ☐ Applicable Not Applicable The change in point of diversion shall not impair existing rights and shall be limited to the same source or sources of water as The point(s) of diversion described herein is administratively corrected to be more accurately described using the Global Positioning System (GPS), as described in the application. ☐ Applicable ► Not Applicable The point(s) of diversion authorized herein shall not actually be located more than _ authorized point(s) of diversion.
☐ Applicable ☐ Not Applicable feet from the previously As required by K.A.R. 5-3-5d, if the works for diversion is a well with a diversion rate of 100 gallons per minute or more, a tube 6. or other device suitable for making water level measurements shall be installed, operated and maintained in accordance with K.A.R. 5-6-13. Applicable ☐ Not Applicable The owner of the authorized place(s) of use shall properly install an acceptable water flow meter on or before December 31, 20_____, or before the first use of water, whichever occurs first. The water flow meter shall be installed, operated and maintained in accordance with K.A.R. 5-1-4 through 5-1-12. As required by K.S.A. 82a-732, as amended, and K.A.R. 5-3-5e, the owner shall maintain records and report the reading of the water flow meter and the total quantity of water diverted annually to the Chief Engineer by March 1 following the end of each calendar year. ☐ Not Applicable Applicable Installation of the works for diversion of water shall be completed on or before December 31, 20 20, or within any authorized extension of time. By March 1, 20 the applicant shall notify the Chief Engineer that construction of the works for diversion has been completed, on the form provided by the Chief Engineer, as required by K.A.R. 5-8-4e. ☐ Not Applicable The completed well log shall be submitted with the required notice. □ Applicable Not Applicable 10. All diversion works into which any type of chemical or other foreign substance will be injected into the water shall be equipped with an in-line, automatic, quick-closing check valve capable of preventing pollution of the source of the water supply. The check valve(s) shall be installed, operated and maintained in accordance with K.A.R. 5-3-5c. ☒ Applicable ☐ Not Applicable Additional Conditions are attached. ☐ Yes ■ No 12. In accordance with K.S.A. 82a-708a, as amended, and K.A.R. 5-5-14, all of the owners of the authorized place(s) of use of water appropriated under the above-referenced file number are responsible for compliance with its terms, conditions and limitations, as amended and/or supplemented by this Summary Order, and with applicable provisions of the Kansas Water Appropriation Law and the Rules and Regulations promulgated thereunder. Failure to comply with these provisions may result in civil penalties pursuant to K.S.A. 82a-737, as amended, and/or the suspension or revocation and dismissal of the water or appropriation right or any other enforcement actions authorized by law. FOR OFFICE USE ONLY Administrative Appeal and Effective Date of Order APPLICATION APPROVED AND If you are aggrieved by this order, pursuant to K.S.A. 82a-1901, you may request an evidentiary hearing before the Chief SUMMARY ORDER ISSUED Engineer or request administrative review by the Secretary of Agriculture. A request for hearing by the Chief Engineer must be filed within **15 days** of service of this Order and a request for Duly Authorized Designee of the Chief Engineer administrative review by the Secretary must be filed within 30 (Print Name): Hostin McCollock days pursuant to K.S.A. 77-531. Any request for administrative review must state a basis for review pursuant to K.S.A. 77-527. Division of Water Resources - Kansas Department of Agriculture File any request with Kansas Department of Agriculture, Date of Issuance: teprince Legal Division, 1320 Research Park Drive, Manhattan, KS **66502**. Failure to timely request a hearing or review may preclude review under the Kansas Judicial Review Act. State of Kansas SS For Use by Register of Deeds County of (Acknowledged before me on 🔇 Jagnes Signature: Notary Public

NATE OF

NOTARY

PUBLIC

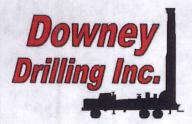
My commission expires

JULIE JONES

December 15, 2022

ppointment Expires

File No. 2093



CUSTOMER NAME: (GRAHAM FARMS
------------------	--------------

LEGAL: NE 15-25S-35W

COUNTY: KEARNY

GPS: 37 53' 2" N

TEST HOLE #1

-101 8' 40" W

DRILLER: OTHER / DRILLING TW FROM TO TYPE HARDNESS COLOR SPEED PULL DOWN ACTION TOP SOIL, FINE SAND, AND FINE-MEDIUM-COARSE GRAVEL WITH 70 **COARSE GRAVEL AT 60** SOFT RED FAST CHATTER CLAT WITH A TRACE OF BLUE CLAY AND MEDIUM-COARSE GRAVEL AT 150 70 120-150 SOFT TAN / BLUE SLOW SMOOTH 150 260 MEDIUM-COARSE GRAVEL AND A TRACE OF SANDY CLAY SOFT RED / TAN FAST CHATTER 260 320 SANDY CLAY WITH A TRACE OF FINE SAND SOFT TAN FAST SMOOTH MED-COARSE SAND AND FINE-MEDIUM-COARSE GRAVEL W/SANDY CLAY 320 340 LENSES SOFT TAN FAST SLIGHT CHATTER 340 350 SANDY CLAY WITH A TRACE OF FINE SAND SOFT TAN FAST **SMOOTHER** 350 388 MED-COARSE SAND AND FINE-MEDIUM GRAVEL W/SANDY CLAY LENSES TAN SOFT FAST SOME CHATTER 388 400 COARSE SAND, FINE - MED GRAVEL TAN CHATTER SOFT FAST LIGHT CLAY 400 409 SOFT SLOWER SMOOTH GRAY 409 420 MED-COARSE SAND W/CEMENTED SAND LAYER SLOW HARD CHOPPY LIGHT 420 440 SHALE SOFT SLOW GRAY SMOOTH 440 455 FINE-MED SAND TR. BROWN ROCK/SANDSTONE SOFTER BROWN FASTER CHATTER LIGHT 455 465 SHALE FIRMER SLOWER SMOOTH GRAY **NOT AS** SLIGHT CHATTER @ 465 480 SHALE WIFINE SAND LENSES SOFTER GRAY SLOW TIMES GRAY/BRO 480 495 FINE SAND WITH A TRACE OF BROWN ROCK SOFT WN FASTER GRAY/BRO 495 600 FINE-MED SAND W/ BROWN ROCK/SANDSTONE SOFT WN FAST CHATTER CEMENTED (OR LIMESTONE?) LAYERS AT 563, 567, AND 586 HARD SLOW CHOPPY LIGHT 600 640 LIGHT SHALE SOFT GRAY SLOW SMOOTH CEMENTED (OR LIMESTONE?) LAYERS @ 609 & 613-616 HARD SLOW CHOPPY RECEIVE WATER - 3 LOADS (CONSISTENTLY TAKING WATER FROM 400' - 600') Garden City Fit QUIKGEL - 15 SODA ASH - 2 BRAN-1 CASING SEAL - 1 HOLEPLUG - 2

Legend

GRAHAM FARMS

NE 15-25S-35W-KEARNY CO. FILE #20936

#1 SITE ELEV=2984'

EXISTING WELL ELEV=2983'

##2 SITE

Google Earth

© 2018 Google

1000 ft





GRAHAM FARMS

COMPANY

: DOWNEY DRILLING INC

WELL

: GRAHAM FARM TEST HOLE #

LOCATION/FIELD

COUNTY

: KEARNY

LOCATION

SECTION

: NE

: 15

CASING DIAMETER: 10.

CASING THICKNESS:

MAGNETIC DECL. : 0

MATRIX DENSITY : 2.71

NEUTRON MATRIX: LIMESTON

TOWNSHIP

: 258

: 1319

: TOM

: DDI

OTHER SERVICES:

RANGE: 35W

DATE

: 01/29/1

DEPTH DRILLER : 640

LOG BOTTOM

: 640.0

: 6.25

LOG TOP

BIT SIZE

CASING TYPE

: 0.6

DRL MEASURED FROM: GL

LOGGING UNIT

FIELD OFFICE

RECORDED BY

PERMANENT DATUM : GL

LOG MEASURED FROM: GL

BOREHOLE FLUID : MUD

: 49

RM TEMPERATURE

MATRIX DELTA T

KB

DF

FILE : ORIGINA

TYPE : 8144A

LGDATE: 01/29/19

LGTIME: 19:35: THRESH: 99999

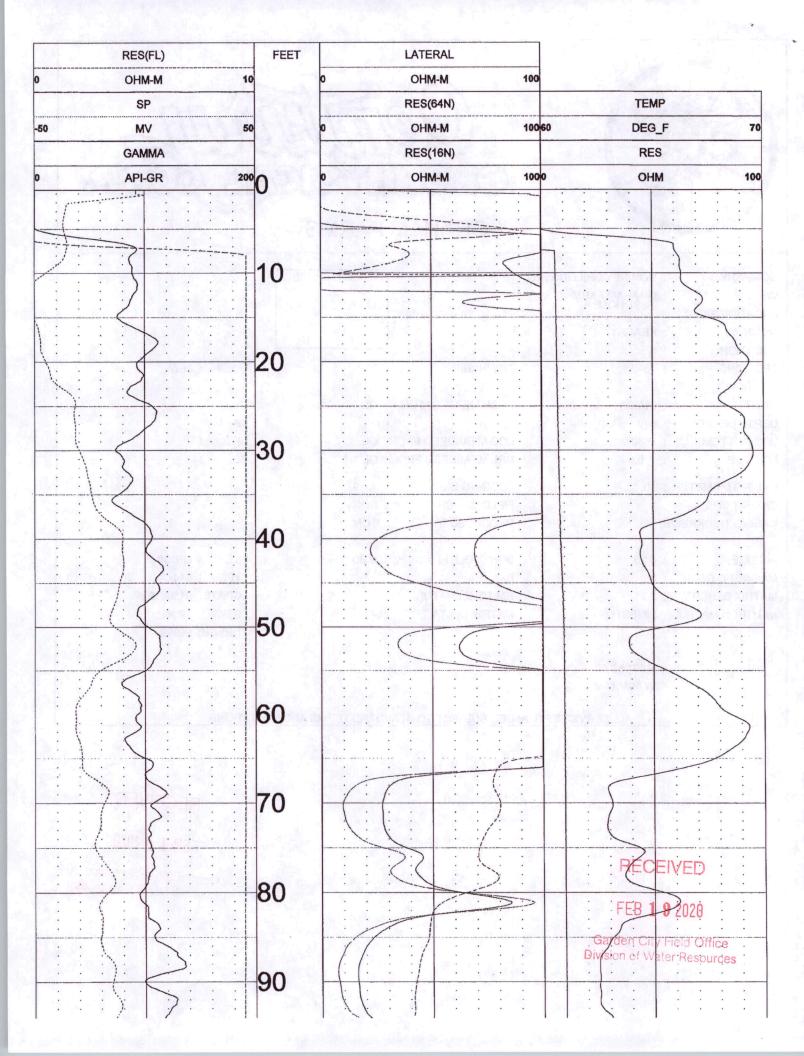
N 37* 53' 02 W 101* 8' 40

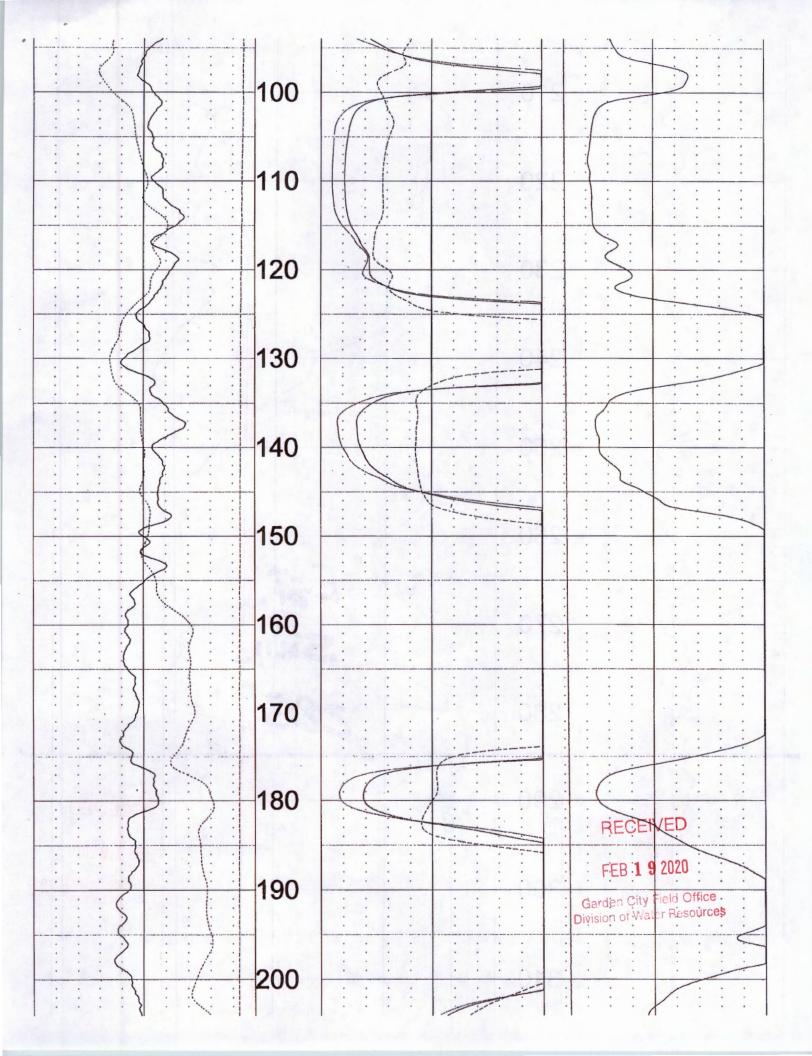
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

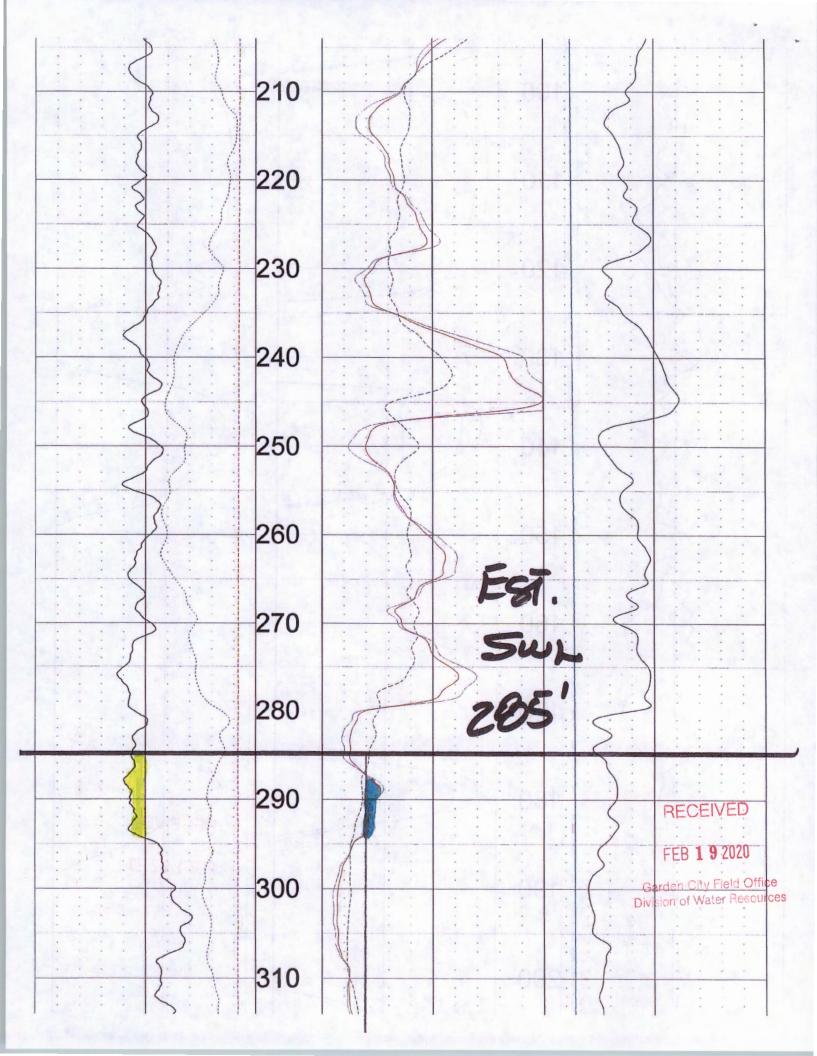
RECEIVED

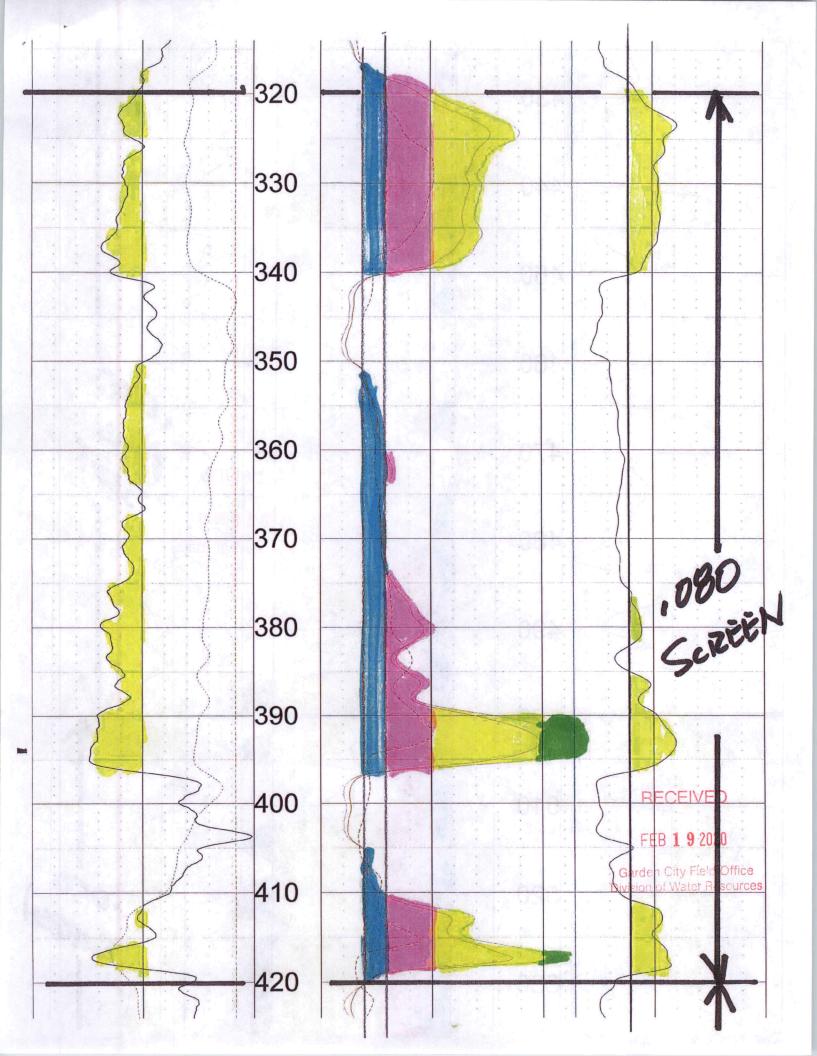
FFB 1 9 2020

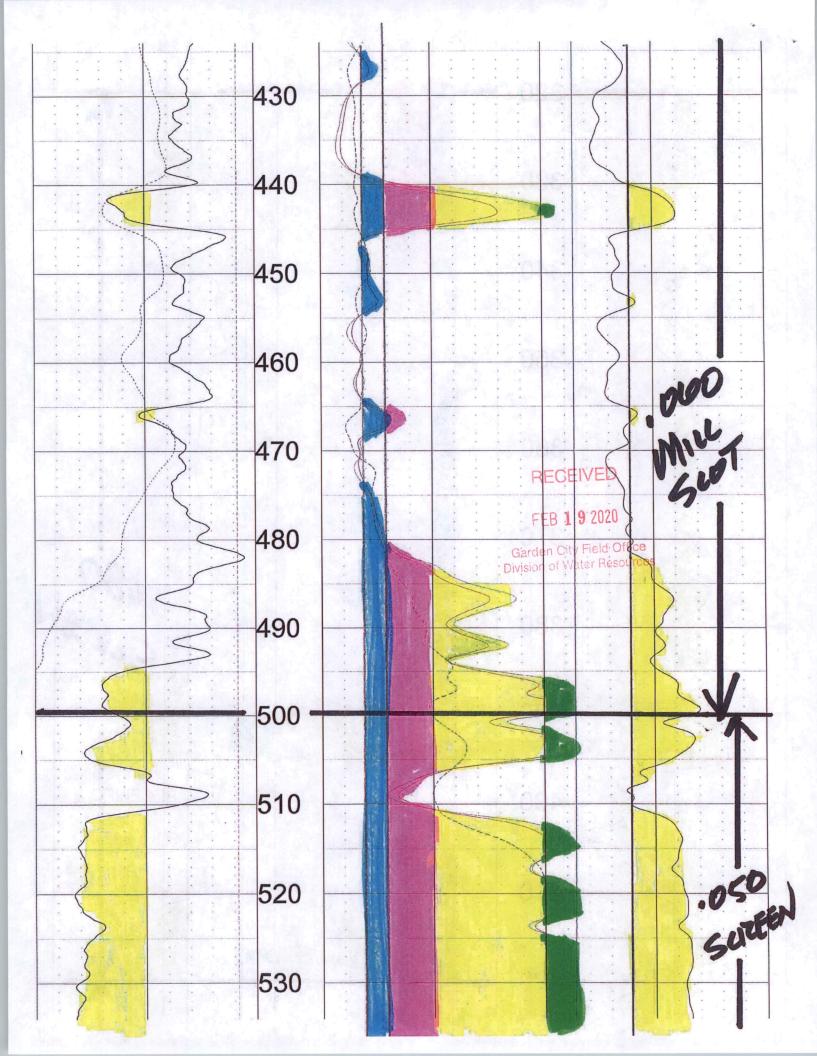
Garden City Field Office Division of Water Resources

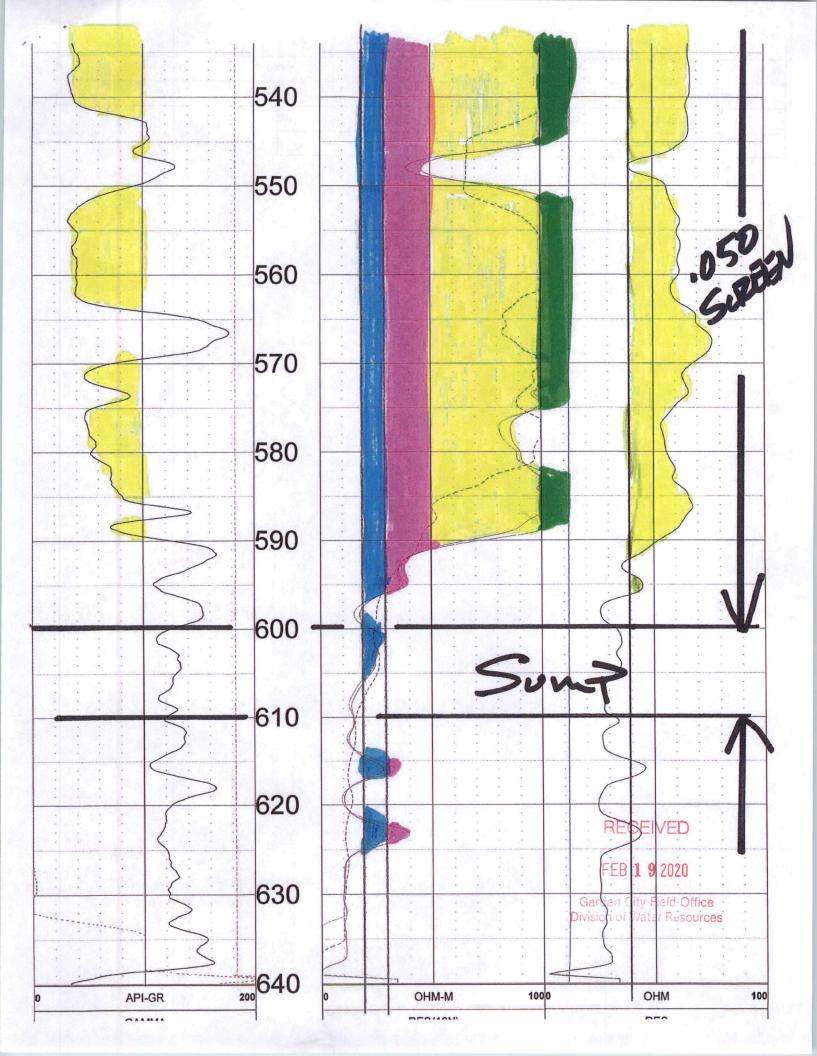












	GAININA	1			KES(16N)		KES	
-50	MV	50		0	ОНМ-М	100 60	DEG_F	70
	SP				RES(64N)		TEMP	
0	ОНМ-М	10		0	ОНМ-М	100		
	RES(FL)		FEET		LATERAL			

RECEIVED

FEB 1 9 2020

Garden City Field Office Division of Water Resources

	TOOL 8144/						
	SERIAL NUM					49.12	أتساسط
	DATE	TIME	SENSOR	STA	ANDARD	RES	SPONSE
	Feb20,18	08:50:39	GAMMA	1.000	[API-GR]	0.000	[CPS]
	Feb20,18	08:50:39	GAMMA	340.000	[API-GR]	290.000	[CPS]
2	Feb20,18	08:50:53	RES(FL)	1.330	[OHM-M]	7595.000	[CPS]
	Feb20,18	08:50:53	RES(FL)	42.720	[OHM-M]	64820.000	[CPS]
	Feb20,18	08:58:49	SP	0.000	[MV]	327616,000	[CPS]
	Feb20,18	08:58:49	SP	390.000	[MV]	165246.000	[CPS]
1	Feb20,18	08:58:55	RES(16N)	0.000	[OHM-M]	3636.000	[CPS]
	Feb20,18	08:58:55	RES(16N)	1954.000	[OHM-M]	449522.000	[CPS]
5	Feb20,18	08:59:01	RES(64N)	0.000	[OHM-M]	3153.000	[CPS]
	Feb20,18	08:59:01	RES(64N)	1989.000	[OHM-M]	449347.000	[CPS]
;	Feb20,18	08:50:45	TEMP	33.400	[DEG_F]	66910.000	[CPS]
	Feb20,18	08:50:45	TEMP	102.300	[DEG_F]	270930.000	[CPS]
7	Feb20,18	08:59:07	RES	0.000	[OHM]	4432.000	[CPS]
	Feb20,18	08:59:07	RES	943.000	[OHM]	173223.000	[CPS]

RECEIVED

FEB 1 9 2020

Garden City Field Office Division of Water Resources