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 109 SW 9th Street, 2nd Floor Topeka, KS 66612-1283 www.ksda.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 m		or approval of the Chief E	ingineer to change the	Water Resources Received
	(Check one or more)		Point of Diversion		JUL 16 2018
	(,		Use Made of Water		リリング 10 2010 リング KS Dept Of Agriculture
			File No. <u>44</u>	186	
2.	Name of applicant: Gre	well L	and LLC %Greg Grewell		
	Address: 193 Road 12				
	City, State and Zip: <u>Hu</u>	goton,	KS 67951		
	Phone Number: (620)4	28-55	30	E-mail address: grewell.g	reg@gmail.com
	What is your relationsh	ip to th	ne water right; 🛛 owner	☐ tenant ☐ agent ☐	other? If other, please explain.
	Name of water use corr	espor	ndent: <u>Donald Paul Grew</u>	ell	
	Address: 1114 Road A				
	City, State and Zip: <u>Hu</u>	goton,	KS 67951		
	Phone Number: ()		E-mail address:	
3.	The change(s) propose	d here	ein are desired for the foll	lowing reasons (please bo	e specific): Complete overlap in place of use
					,
	The change(s) (was) (w	vill be)	completed by as soon as	s approved	(Date)
Fo F.C	or Office Use Only: O. 4 GMD 3 Meet ode C-2	s K.A.	R. 5-5-1 (YES)/ NO) Use Fee \$400.	Source@/ S ! Receipt RECEIVED	County <u>SV</u> By <u>LT</u> Date <u>7/16/18</u> Date <u>7/16/18</u> Check # <u>2026</u>
NC	/R 1-120 (Revised 06/29/2	2009)		JUL 1 2 2018	Assisted by:

7/11/18 DAW

4. The presently authorized place of use is:

Owner of Land — NAME: GPG LLC

ADDRESS: 1114 RD A, Hugoton, KS 67951

				NE	Ξ1⁄4			NV	V1⁄4			sv	V1⁄4			SE	Ξ1⁄4		TOTAL
Sec.	Twp.	Range	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW1/4	SE¼	NE¼	NW¼	SW¼	SE¼	ACRES
14	34s	38w						40.0	40.0			40.0	40.0						160.0
16	34s	38w					32.0	32.0	32.0	32.0	36.0	13.0	36.0	40.0	40.0	40.0	40.0	40.0	413.0
	_																		

List any other water rights that cover this place of use. 41463, 42336 & 44186

Owner of Land — NAME: DKGG LLC

ADDRESS: 1114 RD A, Hugoton, KS 67951

'				NE	Ξ1/4		NW¼		SW1/4			SE¼				TOTAL			
Sec.	Twp.	Range	NE1⁄4	NW¼	SW1/4	SE¼	NE¼	NW¼	SW1/4	SE¼	NE1/4	NW¼	SW1/4	SE¼	NE¼	NW¼	SW¼	SE¼	ACRES
15	34s	38w	13.0	36.0	40.0	36.0	36.0	13.0	36.0	40.0	40.0	36.0	13.0	36.0	36.0	40.0	36.0	13.0	500.0
							ŧ												
	_																		

List any other water rights that cover this place of use. 41463, 42336 & 44186

(If there are more than two landowners, attach additional sheets as necessary.)

5. It is proposed that the place of use be changed to:

Owner of Land — NAME: GPG LLC

ADDRESS: 1114 RD A, Hugoton, KS 67951

				NE	Ξ1/4			NW¼			SW¼				SE¼				TOTAL
Sec.	Twp.	Range	NE1/4	NW¼	SW¼	SE¼	NE¼	NW¼	SW1/4	SE¼	NE¼	NW¼	SW1/4	SE¼	NE¼	NW¼	SW¼	SE¼	ACRES
14	34s	38w						40.0	40.0			40.0	40.0						160.0
	- 0 10																		
16	34s	38w					32.0	32.0	32.0	32.0	36.0	13.0	36.0	40.0	40.0	40.0	40.0	40.0	413.0

List any other water rights that cover this place of use. 41463, 42210, 42336 & 44186

Owner of Land — NAME: DKGG LLC

ADDRESS: 1114 RD A, Hugoton, KS 67951

				NE	Ξ1⁄4			NV	V1⁄4			SV	V¼			SI	Ε1⁄4		TOTAL
Sec.	Twp.	Range	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE1/4	NW1/4	SW¼	SE¼	NE¼	NW¼	SW1/4	SE¼	ACRES
15	34s	38w	13.0	36.0	40.0	36.0	36.0	13.0	36.0	40.0	40.0	36.0	13.0	36.0	36.0	40.0	36.0	13.0	500.0
			· · · · · · · · · · · · · · · · · · ·	· · · · · ·												W	ater	Resc	urces
																	Re	ceive	ed .

List any other water rights that cover this place of use. 411463, 42210, 42336 & 44186

JUL 16 2018

				? >
			File	e No. <u>44186</u>
6.	The presently authorized point(s) of diversion are 1 well a	nd discharge		
			(Provide description and number	of points)
7.	The proposed point(s) of diversion are 1 well and discharge	<u>je</u>	(Provide description and number	
	List all presently authorized point(s) of diversion:		(Provide description and number	or points)
8.	Presently authorized point of diversion:			
0.	One in theSEQuarter of the	SE	Quarter of the	SW Quarter
	of Section 16, Township			
	in STEVENS County, Kansas, 20			
	Authorized Rate <u>*2400GPM*</u> Authorized Quantity			
	(DWR use only: Computer ID No GPS			feet West)
	☐ This point will not be changed ☐ This point will			
	Proposed point of diversion: (Complete only if change	_		
	One in the NW Quarter of the			SE Quartor
	of Section 16 , Township			
	in <u>STEVENS</u> County, Kansas, 1074			
	Proposed Rate 650gpm Proposed Quantity			different confer of section.
	This point is: Additional Well Geo Center List of			2210
	This point is: Additional Well Geo Genter List of	ici water rigir	its that will use this point 4.	
9.	Presently authorized point of diversion:			
	One in the Quarter of the		Quarter of the	Quarter
	of Section, Township		South, Range	
	in County, Kansas,	feet North _	feet West of So	outheast corner of section.
	Authorized Rate Authorized Quantity			
	(DWR use only: Computer ID No GPS	;	feet North	feet West)
	☐ This point will not be changed ☐ This point will □	be changed a	as follows:	
	Proposed point of diversion: (Complete only if change	is requeste	<u>d)</u>	
	One in the Quarter of the			Quarter
	of Section, Township			
	in County, Kansas,			
	Proposed Rate Proposed Quantity		· · · · · · · · · · · · · · · · · · ·	
	This point is: Additional Well Geo Center List oth			
10.	Presently authorized point of diversion:			
	One in the Quarter of the			
	of Section, Township			
	in County, Kansas,			outheast corner of section.
	Authorized Rate Authorized Quantity _			
	(DWR use only: Computer ID No. GPS	j	feet North	feet West)

10.	Presently authorize	ed point of diversion:			
	One in the	Quarter of the		Quarter of the	Quarter
	of Section	, Township _		South, Range	(E/W),
	in	County, Kansas,	feet North	feet West of So	outheast corner of section.
	Authorized Rate	Authorized Qua	antity		
	(DWR use only: Co	omputer ID No	GPS	feet North	feet West)
		ot be changed 🔝 🗌 This poi			
	Proposed point of	diversion: (Complete only if	change is requested	<u>l)</u>	
	One in the	Quarter of the		Quarter of the	Quarter
	of Section	, Township _		South, Range	(E/W),
	in	County, Kansas,	feet North	feet West of So	outheast corner of section.
	Proposed Rate	Proposed Quar	ntity	_	
	This point is: 🔲 Add	ditional Well	List other water right	s that will use this point _	
11.	Describe the current	condition of and future plans f	or any point(s) of dive	ersion which will no longe	r be used

ME CONTRACTOR OF

APPLICATION FOR APPROVAL TO CHANGE THE PLACE OF USE AND/OR POINT OF DIVERSION SUPPLEMENTAL SHEET

FILE NO. MAKE ADDITIONAL COPIES AS NECESSARY

		d: The fLand -	NA		Grewe	ell Land	<u>J LLC</u>		S 679	51									
				NE	Ξ1/4			NIV.	V1⁄4			SV	V1⁄4			SI	Ξ1/4		TOTAL
Sec.	Twp.	Range	NE¼			SE¼	NE¼			SE¼	NE¼	NW¼		SE¼	NE¼	ı	sw¼	SE¼	ACRES
16	34s	38w	140/4	1444 /4	377/4	JL/4	142/4	144474	011/4	OL/4	141.74	1447/4	011/4	OL/4	142/4	1447/4	U174	OL/4	
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O	wner o	f Land -																	
		,	ADDRI	ESS:															
				NE	Ξ1/4			, NV	V1⁄4			SV	V1⁄4			SI	Ξ1/4		TOTAL
Sec.	Twp.	Range	NE¼	NW¼	SW1/4	SE1/4	NE¼	NW¼	SW1/4	SE¼	NE¼	NW1/4	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	ACRES
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O,	wner o	f Land -					·												
		,	ADDRI	ESS: .															
				NE	Ξ1/4			NV	V1⁄4			SV	V¼			SI	Ξ1/4		TOTAL
Sec.	Twp.	Range	NE¼	NW¼	SW1/4	SE1/4	NE¼	NW¼	SW1/4	SE¼	NE¼	NW¼	SW1/4	SE¼	NE¼	NW1/4	SW¼	SE¼	ACRES
O	wner o	f Land -	ADDRI	AME: : ESS: :	Grewe 193 R	ell Land oad 12	LLC Hugo	oton, K	S 679	51									
				NE	Ξ¼			NV	V¼			SV	V¼			SI	Ξ1⁄4		TOTAL
Sec.	Twp.	Range	NE¼	NW¼	SW1/4	SE¼	NE¼	NW¼	SW¼	SE1/4	NE¼	NW¼	SW¼	SE¼	NE¼_	NW¼	SW1/4	SE¼	ACRES
16	34s	38w	32.5	32.5	32.5	32.5													130.0
-																			
O	wner o	f Land -		AME: ESS:		I					IL		<u> </u>					<u>. </u>	
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Sec.	Twp.	Range	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	7,0,120
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				NE	=1/4			NIV.	V¼			SV	V¼	,		SI	Ξ¼		TOTAL
Sec.	Twn	Range	NE¼		SW1/4	SE¼	NE¼		T	SE¼	NE¼		vávé.	SE1/	_NE1/4	Γ.	T	SE¼	ACRES
<u> </u>	rwp.	range	140/4	1111/4	U11/4	JL/4	112/4	1117/4	311/4	JL/4	, , , , , 4	····/~\	1			es·/*	2/4		
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DWR 1	-121-2	Rev. 01	/23/200)8)					Pa	ge		KS	Dept	Of A	gricu	ulture)	File No	o

DWR 1-121-2 (Rev. 01/23/2008)

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

SUPPLEMENTAL SHEET

FILE NO.

Presently authorized	point of diversion:			
One in the	Quarter of the		Quarter of the	Quarter
of Section	, Township County, Kansas, Authorized Quanti puter ID No		South, Range	(E/W),
in	County, Kansas,	feet North	feet West of Sout	theast corner of section.
Authorized Rate	Authorized Quanti	ty	Depth of well	(feet)
(DWR use only: Com	puter ID No	GPS	feet North	feet West)
☐ This point will not	be changed 🔲 This point v	vill be changed a	s follows:	
	rersion: (Complete only if cha			
One in the	Quarter of the		Quarter of the	Quarter
of Section	, Township County, Kansas,		South, Range	(E/W),
in	County, Kansas,	feet North	feet West of Sout	theast corner of section.
Proposed Rate	Proposed Quantity	/	Proposed well depth (fe	et)
This point is: Addition	onal Well Geo Center Lis	t other water right	s that will use this point	
Presently authorized	point of diversion:			
	Quarter of the		Quarter of the	Quarter
of Section	Township	··	South Range	(F/W)
in	, Township County, Kansas,	feet North	feet West of Sout	theast corner of section
Authorized Rate	Authorized Quanti	1000 1101011	Depth of well	(feet)
(DWR use only: Com	Authorized Quanti	GPS	feet North	feet West)
☐ This point will not	be changed	vill be changed a	s follows:	
<u>-</u>	,			
	rersion: (Complete only if cha			
One in the	Quarter of the		Quarter of the	Quarter
of Section	, Township		South, Range	(E/W),
in	County, Kansas, Proposed Quantity	feet North	feet West of Sout	theast corner of section.
Proposed Rate	Proposed Quantity	/. 	Proposed well depth (fe	et)
This point is: Addition	onal Well	t other water right	s that will use this point	·
			71.00	
Presently authorized	point of diversion:			
One in the	Quarter of the		Quarter of the	Quarter
of Section	. Township		South, Range	(E/W).
in	County, Kansas,	feet North	feet West of Sou	theast corner of section.
Authorized Rate	Authorized Quanti	ty	Depth of well	(feet)
(DWR use only: Com	, Township County, Kansas, Authorized Quanti	GPS	feet North	feet West)
☐ This point will not	be changed	vill be changed a	s follows:	
Proposed point of div	ersion: (Complete only if cha	nao ie roauoeto	4)	
				•
One in the	Quarter of the	· · · · · · · · · · · · · · · · · · ·	Quarter of the	Quarter
of Section	, Township	foot North	South, Range	(E/VV),
Drange d Date	County, Kansas,	teet North	reet west or Sour	theast corner of section.
This point is:	, Township County, Kansas, Proposed Quantity onal Well	/	Proposed Well depth (fe	et)
This point is: Addition	onai weii	st other water right	s that will use this point	<u> </u>
Presently authorized				
One in the	Quarter of the		Quarter of the	Quarter
of Section	, Township		South, Range	(E/W).
in	Quarter of the, Township County, Kansas,	feet North	feet West of Sout	theast corner of section.
Authorized Rate	Authorized Quanti	ty	Depth of well	(feet)
(DWR use only: Com	puter ID No	GPS	feet North	feet West)
☐ This point will not	be changed	vill be changed a	s follows:	
	ersion: (Complete only if cha	_		
rioposeu point of alv	ersion: (Complete only if Cha	inge is requested	<u> </u>	_
One in the	Quarter of the, Township County, Kansas,		Quarter of the	Quarter
of Section	, Township		South, Range	(E/W),
In	County; Kansas,	teet North	feet West of Sout	theast corner of section.
Proposed Rate	Proposed Quantity	/	Proposed well depth (fe	et) .
This point is: L Addition	onal Well	t other water right	s that will use this point	·

DWR 1-121-2 (Rev. 01/23/2008)

Page ____

File No.

12	The pre	esently authorized use of water is for IRR	purposes.
	•	posed that the use be changed to IRR	purposes.
13.	If chang	ging the place of use and/or use made of water, describe how the consumptiv	· · ·
		e in place of use in for a complete overlap, KAR 5-5-11(b)(1)	
		king PD with 42336 and stacking on new proposed PD with 42210	
		mitation that is currently with the water right.	
	(Please	show any calculations here.)	
14.	It is req	uested that the maximum annual quantity of water be reduced to NA	(acre-feet or million gallons).
5.	It is req	uested that the maximum rate of diversion of water be reduced to 650	gallons per minute (c.f.s.).
16.	1:24,00 Kansas Distand should	plication must include either a topographic map or detailed plat. A U.S. Ge 10, is available through the Kansas Geological Survey, 1930 Constant Av 166047-3726 (www.usgs.gov). The map should show the location of the prices North and West of the Southeast corner of the section must be shown, also be shown. Identify the center of the section, the section lines and the s, township, and range numbers on the map. In addition the following information.	renue, University of Kansas, Lawrence, resently authorized point(s) of diversion. The presently authorized place of use ection 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 We must be shown. Please be certain that the information shown on the market 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 $\frac{1}{2}$ mile of the proposed well or wells. Identify each 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 $\frac{1}{2}$ mile upstream from your property lines must be shown.	s of all landowner(s) ½ mile downstream
	b. If a	tain that the information shown on the map agrees with the information show	y crosshatching on the map. Please be in in Paragraph No. 5 of the application.
17.	Attach local so	documentation to show the change(s) proposed herein will not impair existion of supply as to which the water right relates. This information may income the logs, and other information as necessary information to show the	ing water rights and relates to the same clude statements, plats, geology reports,
	See att	ached maps	
18.	identify request	roposed change(s) does not meet all applicable rules and regulations of the the rules and regulations for which you request a waiver. State the reason should be granted. Attach documentation showing that granting the request prejudicially and unreasonably affect the public interest.	on why a waiver is needed and why the
	<u>Applica</u>	tion meets chiena of current area rules	esources
			eived
		JUL 1	6 2018

File No. <u>44186</u>

	441	

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.

Dated at <u>GMD3 Office</u>	, Kansas, this __	12	_ day of	Ju	/	, 20_	<u>/}</u>
Corenll Land LCC	-^ 				•		
Dated at GMD3 Office Count Land LC (Owner) Manager				(Spo	ouse)		
(Please Print)	1)	-		(Pleas	e Print)		
Owner) OKGC LL C				(Spo	ouse)		
Dowl (Please Print) Mary				(Pleas	e Print)		***
CPG LLC				(Spo	ouse)		
(Please Print) State of Kansas County of Hinney SS	SUTE NOTAN	PATRICIA STA NOTARY F STATE OF A MY COMM. I 25/2/1	UBLIC KANSAS EXPIRES	·	e Print)	1 2940	
hereby certify that the foregoing application was 20 3 20 3 20 3 20 3 20 3 20 3 20 3 20	signed in my p	presence a	nd sworn	to before	me this	n	_ day o
My Commission Expires 5-21-202				Notary	/ Public		

Application to change a point of diversion 300 feet or less
Application to change a point of diversion more than 300 feet
Application to change the place of use
Application to change the use made of the water

Make check payable to Kansas Department of Agriculture.

War Carlotte Carlotte

STATE OF KANSAS

DEPARTMENT OF AGRICULTURE 1320 RESEARCH PARK DRIVE MANHATTAN, KS 66502 PHONE: (785) 564-6700 FAX: (785) 564-6777



900 SW Jackson, Room 456 Topeka, KS 66612 Phone: (785) 296-3556 www.agriculture.ks.gov

GOVERNOR JEFF COLYER, M.D. JACKIE McClaskey, Secretary of Agriculture

GREG GREWELL 193 ROAD 12 HUGOTON, KS 67951 July 17, 2018

RE: File No 44186

Dear Sir or Madam:

A	An application for	approval of the	Chief Engineer t	o change the	following	condition or	conditions of	f the file n	umber
referred t	to above has bee	n received:							

☐ place of use PU/PD ☐ point of diversion ☐ use made of water

As a matter of record, the Division of Water Resources has on hand a large number of applications awaiting processing. Therefore, to be fair to all concerned, and so that we can process those applications on hand in the order they were received, we intend to concentrate on the backlog of applications until the issue is resolved. You will be contacted regarding this application as soon as it has been examined.

In accordance with the provisions of the Kansas Water Appropriation Act, a portion of which is included below, the use of water prior to approval of the application is unlawful. You should not proceed and divert water as indicated by your plans in your application for a change for this file until you receive approval for this change from the Chief Engineer. Once approved, compliance with the terms, conditions and limitations of the permit is necessary. Conservation of the water resources of Kansas is required.

Section 82a-728 of the Kansas Water Appropriation Act, provides (a) except for the appropriation of water for the purpose of domestic use, . . . it shall be unlawful for any person to appropriate or threaten to appropriate water from any source without first applying for and obtaining a permit to appropriate water in accordance with the provisions of the Water Appropriation Act or for any person to violate any condition of a vested right, appropriation right or an approved application for a permit to appropriate water for beneficial use.

(b) (1) The violation of any provision of this section by any person is a class C misdemeanor...

A class C misdemeanor is punishable by a fine not to exceed \$500 and/or a term of confinement not to exceed one month in the county jail. Each day that the violation occurs constitutes a separate offense.

If you have any questions, please contact me at (785) 564-6645. If you wish to discuss a specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

Brent Tourney, L.G.

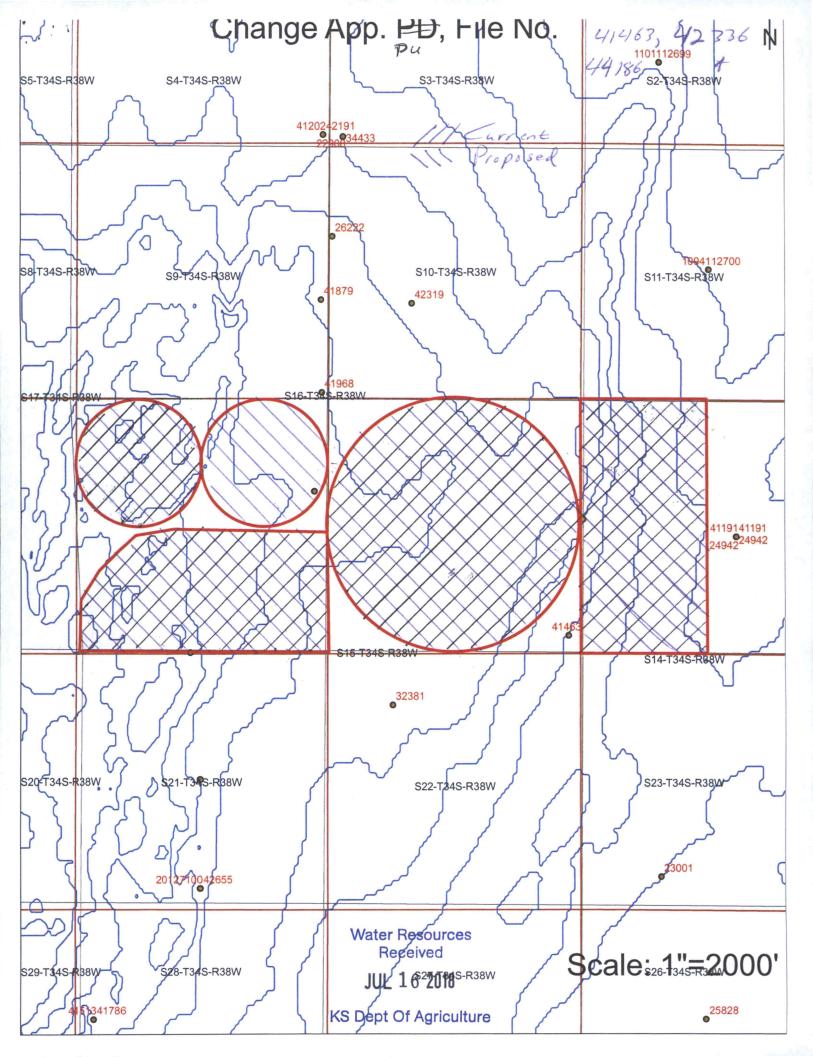
Change Applications Unit Supervisor

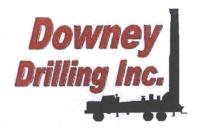
Water Appropriation Program

front A Juney

BAT: DLW

pc: GARDEN CITY Field Office GMD3





CUSTOMER NAME: GREG GREWELL - G + AG, INC.

LEGAL: SE 16-34S-38W

COUNTY: STEVENS

GPS: 37 05' 08.67"N 37.085741

-101 27' 0.17"W -101,450047

DRILLER: CHRIS P WO: 18-273

			DRILLER:	CHRIS P			WO:	18-273
rw	FROM	то	ТҮРЕ	HARDNESS	COLOR	SPEED	PULL DOWN	OTHER / DRILLING ACTION
	0	1	SANDY TOP SOIL	SOFT	DARK	FAST	_	SMOOTH
	1	35	SILTY CLAY WITH A TRACE OF SILT	SOFT	TAN	FAST		SMOOTH
	35	60	SILTY CLAY AND SILT	SOFT	TAN	FAST		SMOOTH
	60	96	SILTY CLAY	SOFT	TAN	FAST		SMOOTH
	96	127	FINE SAND, SOME MEDIUM SAND, AND SOME SILTY CLAY	SOFT	RED	FAST		SLIGHT CHATTER
	127	171	SILTY CLAY	SOFT	TAN	FAST		SMOOTH
	171	178	FINE-MEDIUM-COARSE SAND AND FINE GRAVEL	SOFT	RED	FAST		CHATTER
	178	200	SILTY CLAY	SOFT	TAN	FAST		SMOOTH
	200	240	SILTY CLAY 2021	FIRM	TAN	SLOW		SMOOTH
	240	302	SILTY CLAY AND FINE SAND	SOFT	TAN	FAST		CHOPPY AT TIMES
	302	314	FINE-MEDIUM-COARSE SAND AND FINE-MEDIUM GRAVEL 12	SOFT	RED	FAST		CHATTER
	314	328	SILTY CLAY	FIRM	TAN	SLOW	70	SMOOTH
2	328	336	FINE-MEDIUM-COARSE SAND	FIRM	RED	FAST		CHATTER
1	336	368	FINE-MEDIUM SAND AND SANDY CLAY 3 Z	SOFT	TAN	FAST		СНОРРУ
	368	406	FINE-MEDIUM-COARSE SAND AND FINE-MEDIUM GRAVEL 7 36	SOFT	RED	FAST		CHATTER
	406	428	FINE-MEDIUM SAND 22	SOFT	RED	FAST	,	SLIGHT CHATTER
	428	446	FINE SAND AND CLAY	FIRM	LT GRAY	SLOW		SMOOTH
	446	496	FINE-MEDIUM-COARSE SAND AND FINE-MEDIUM GRAVEL 7	SOFT	RED	FAST		CHATTER
	496	515	FINE-MEDIUM-COARSE SAND AND FINE-MEDIUM GRAVEL	SOFT	RED	FAST		CHATTER
Ī	515	550	SHALE	-				
			181					
			N. P.					
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					KS Dep	t Of Ac	riculture	
					V2 Deb	UIAG	Journal	
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G+AG INC

COMPANY

WELL

LOCATION/FIELD :

COUNTY

LOCATION

SECTION

DATE

: 05/16/18 DEPTH DRILLER

: 580

LOG BOTTOM

: 579.80

LOG TOP

: 0.70

CASING DIAMETER: 10.

CASING TYPE :

CASING THICKNESS:

BIT SIZE

: 6.25

MAGNETIC DECL. : 0

MATRIX DENSITY : 2.71

NEUTRON MATRIX : LIMESTONE

: DOWNEY DRILLING INC.

: G+AG INC

: STEVENS

: SE

TOWNSHIP : 34S RANGE : 38W

PERMANENT DATUM : GL

LOG MEASURED FROM: GL

DRL MEASURED FROM: GL

LOGGING UNIT

FIELD OFFICE

RECORDED BY

BOREHOLE FLUID : MUD

RM

RM TEMPERATURE

MATRIX DELTA T : 49

OTHER SERVICES:

フォザス

KB :

DF :

GL :

: 1319 : DDI

: DAVE

FILE : ORIGINAL

TYPE : 8144A

LGDATE: 05/16/18

LGTIME: 12:20:

THRESH: 99999

N 37*5" 9.13" W -101* 2"59.99"

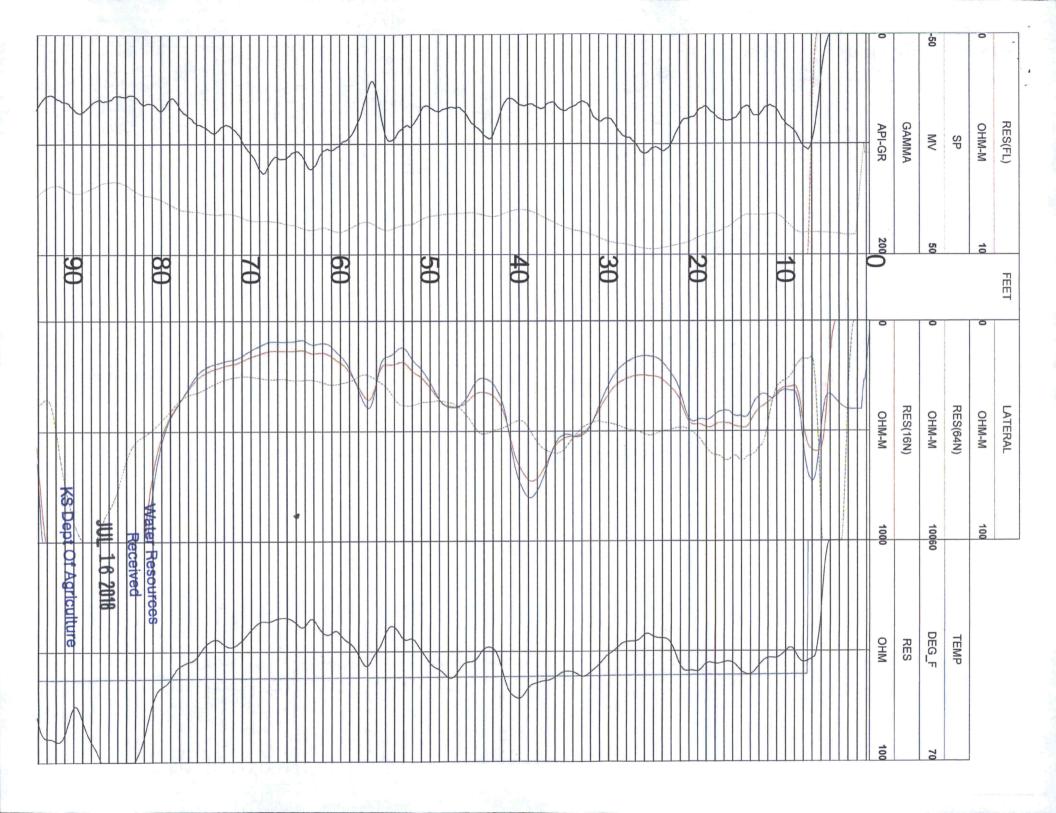
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

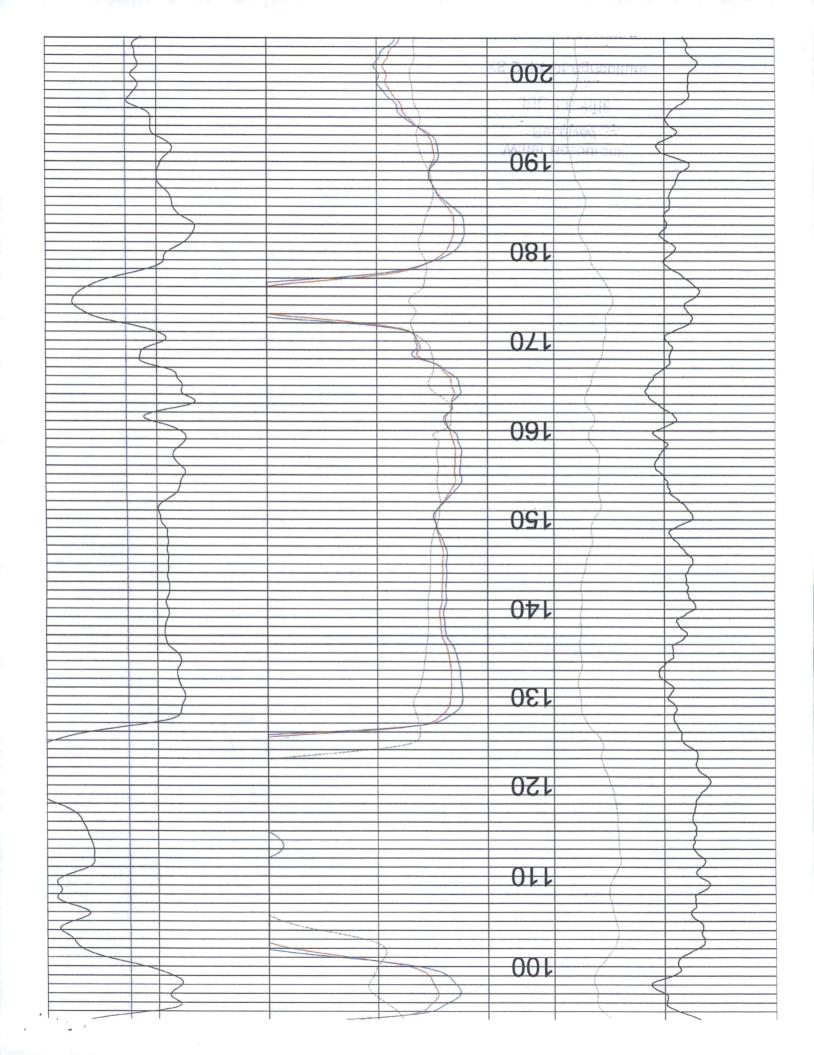
ELEV. = 3251'

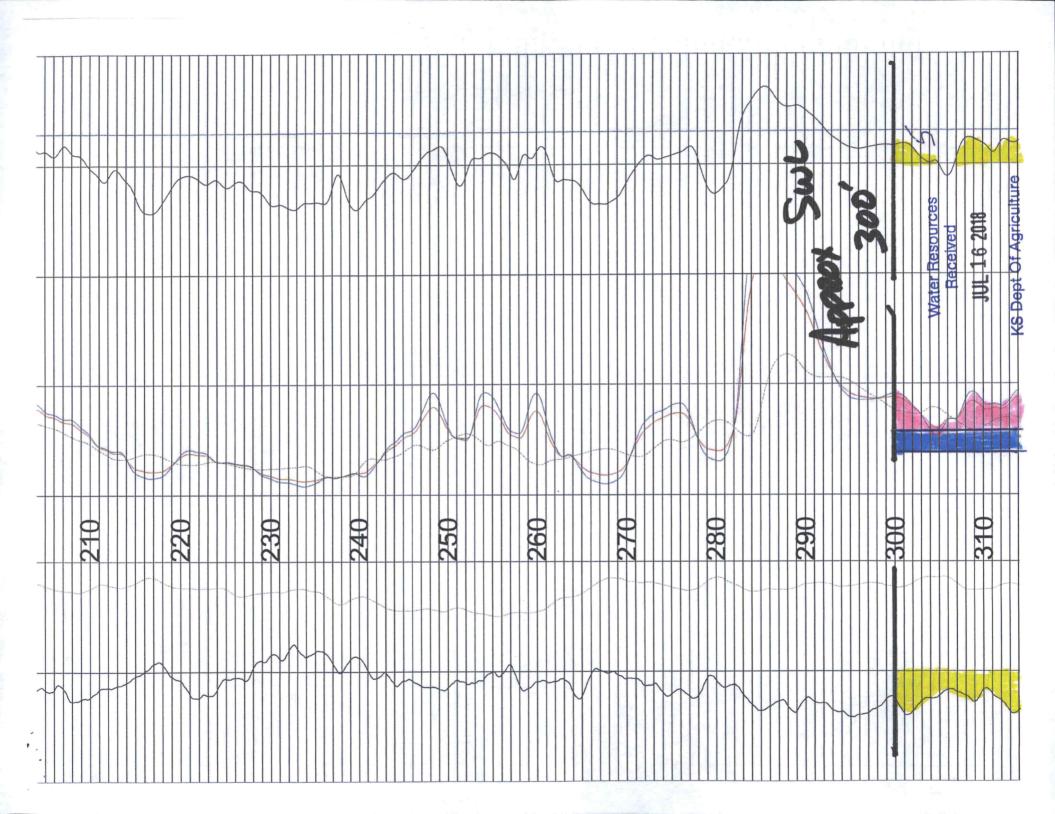
COLUCABL TELEV.

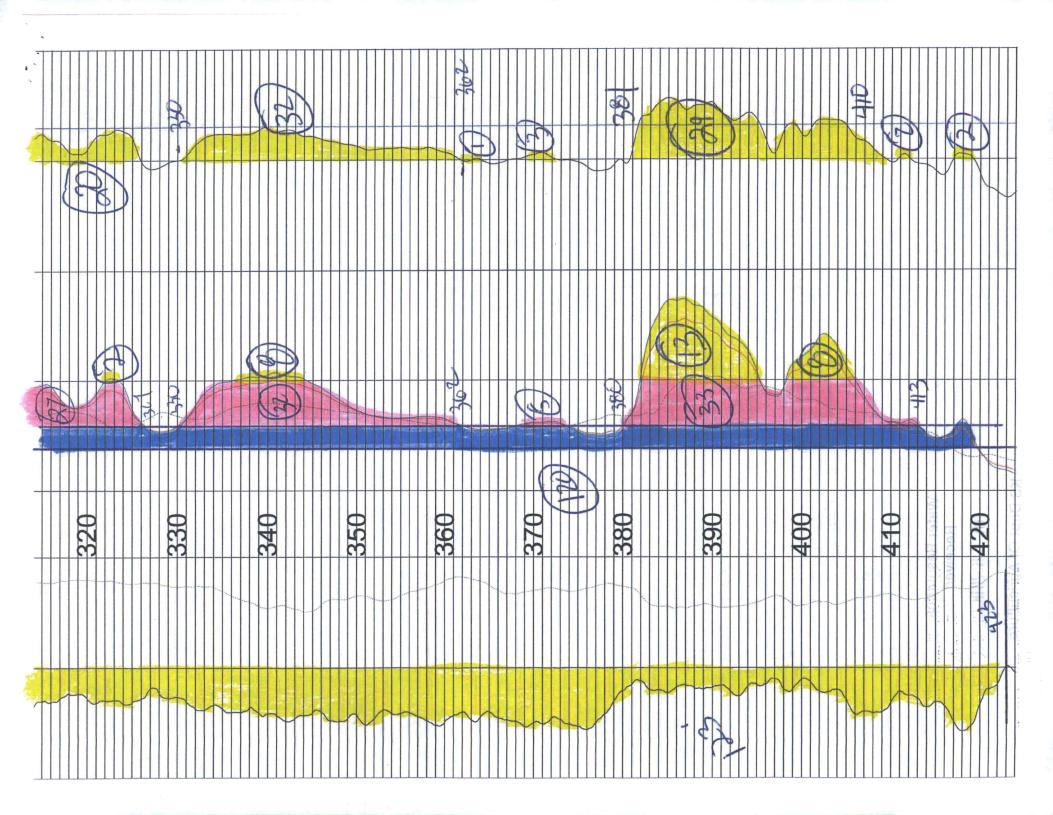
DEVISOR APPROX SWL = 300'

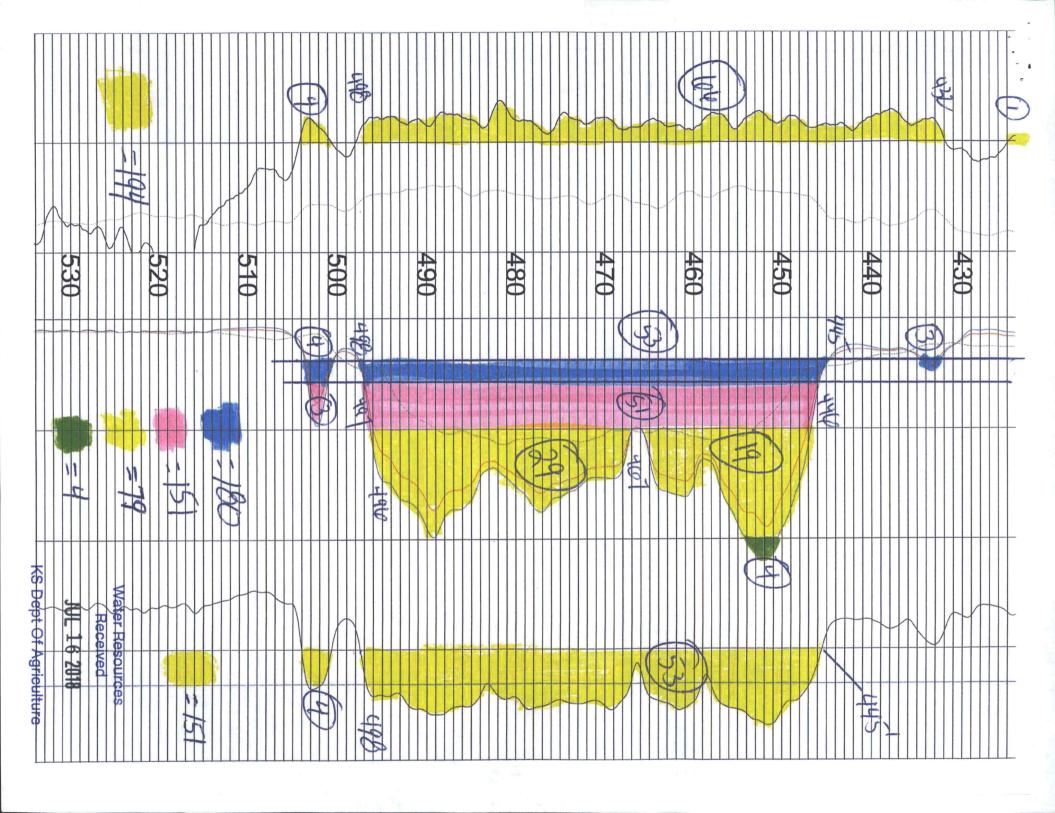
STUTION FOR SHOW SHOW

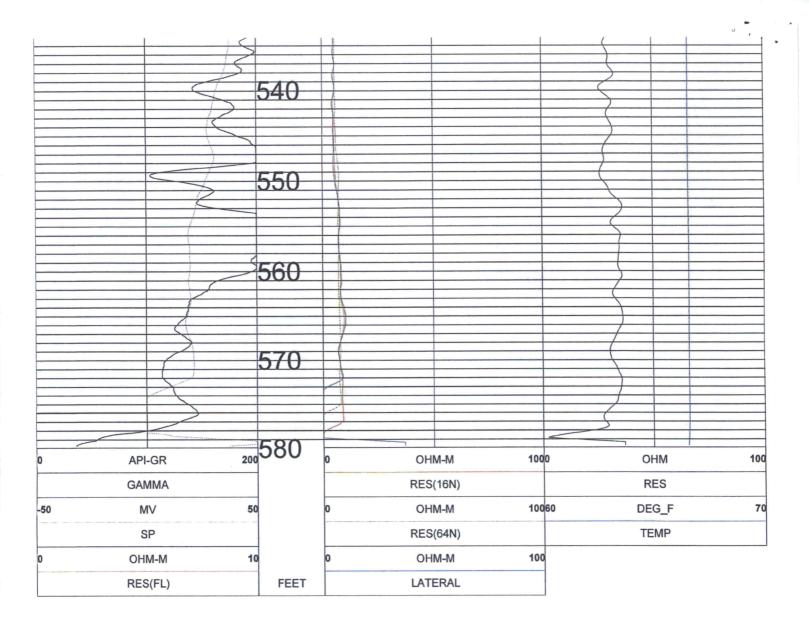












Water Resources Rudelved

	TOOL CALIE TOOL 8144 SERIAL NU		05/16/18 12:20				
	DATE	TIME	SENSOR	STA	ANDARD	RES	SPONSE
2	Feb20,18 Feb20,18 Feb20,18 Feb20,18 Feb20,18	08:50:39 08:50:39 08:50:53 08:50:53 08:58:49	GAMMA GAMMA RES(FL) RES(FL) SP	1.000 340.000 1.330 42.720 0.000	[API-GR] [API-GR] [OHM-M] [OHM-M]	0.000 290.000 7595.000 64820.000	[CPS] [CPS] [CPS] [CPS]
	Feb20,18 Feb20,18 Feb20,18	08:58:49 08:58:55 08:58:55	SP RES(16N) RES(16N)	390.000 0.000 1954.000	[MV] [MV] [OHM-M] [OHM-M]	327616.000 165246.000 3636.000 449522.000	[CPS] [CPS] [CPS] [CPS]
;	Feb20,18 Feb20,18 Feb20,18 Feb20,18	08:59:01 08:59:01 08:50:45 08:50:45	RES(64N) RES(64N) TEMP TEMP	0.000 1989.000 33.400 102.300	[OHM-M] [OHM-M] [DEG_F] [DEG_F]	3153.000 449347.000 66910.000 270930.000	[CPS] [CPS] [CPS] [CPS]
7	Feb20,18 Feb20,18	08:59:07 08:59:07	RES RES	0.000 943.000	[OHM]	4432.000 173223.000	[CPS] [CPS]

Water Resources Received

JUL 16 2018