

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

1. File Number: 44186	2. Status Change Date: 10/23/2018	3. Change Num: C2	4. Field Office: 04	5. GMD: 03
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6. Status: <input type="checkbox"/> Approved <input type="checkbox"/> Denied by DWR/GMD <input type="checkbox"/> Dismiss by Request/Failure to Return	7. Filing Date of Change: 16-JUL-2018
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8a. Applicant(s) Person ID 62698
 New to system Add Seq# _____

GREWELL LAND LLC
193 ROAD 12
HUGOTON KS 67951

8c. Landowner(s) Person ID 60392
 New to system Add Seq# 1

GPG LLC
1114 ROAD A
HUGOTON KS 67951

8d. Landowner(s) Person ID 60393
 New to system Add Seq# 1

DKGG LLC
1114 ROAD A
HUGOTON KS 67951

8b. Landowner(s) Person ID 62698
 New to system Add Seq# _____

GREWELL LAND LLC
193 ROAD 12
HUGOTON KS 67951

8e. WUC Person ID 38625
 New to system Add Seq# 1

DONALD PAUL GREWELL
1114 ROAD A
HUGOTON KS 67951-5125

9. Documents and Enclosure(s): DWR Meter(s) Date to Comply: **12/31/18** N & P Date to Comply: **12/31/18**

Anti-Reverse Meter Meter Seal Check Valve N & P Form Water Tube Driller Copy H & E Letter

Conservation Plan Date Required: _____ Date Approved: _____ Date to Comply: _____

10. Use Made of Water From: _____ To: _____

Date Prepared: **10/03/18** By: **RAK**
 Date Entered: **10/25/2018** By: **UM**

File No. 44186	11. County: SV	Basin: CIMARRON RIVER	Stream:	Formation Code: 200/211	Special Use:																	
12. Points of Diversion				Rate and Quantity																		
CHK					Authorized	Additional																
MOD					Rate	Quantity																
DEL	PDIV					gpm/cfs	af/mgy															
ENT	Qualifier	S	T	R	ID	'N	'W	Comment (AKA Line)	Rate	Quantity	Rate	Quantity	Overlap PD Files									
									gpm/cfs	af/mgy	gpm/cfs	af/mgy										
DEL 25529	SE¼ SE¼ SW¼	16	34	38W	2	20	2830															
ENT 87112	NW¼ SE¼ SE¼	16	34	38W		1074	808	ADDITIONAL WELL	557 g.p.m.	212 AF	557 g.p.m.	212 AF	42210									
13. Storage: Rate _____ NF Quantity _____ ac/ft Additional Rate _____ NF Additional Quantity _____ ac/ft																						
14. REMOVE Limitation: <u>1960AF/YR COM/W #41463 & 42336</u>																						
REMOVE Limitation: <u>2400GPM COM/W #42336</u> cfs) when combined with file number(s) _____																						
15. 5YR Allocation: Allocation Type _____ Start Year _____ 5 YR Amount _____ Amount Unit _____ Base Acres _____ Comment _____																						
16. Place of Use		NE¼				NW¼				SW¼				SE¼				Total	Owner	Chg?	Overlap Files	
CHK																						
MOD																						
DEL																						
ENT	PUSE	S	T	R	ID	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼					
MOD 53314	14 34 38W	3					40	40			40	40						160	8c	YES	see above	
MOD 18623	15 34 38W	1				13	36	40	36	36	13	36	40	40	36	40	36	13	500	8d	YES	see above
ENT 38480	16 34 38W	1				32.50	32.50	32.50	32.50									130	8b	NO	see above	
MOD 33138	16 34 38W	2								32	32	32	32	36	13	36	40	40	413	8c	YES	see above
Base Acres:		Year:		Minimum Reasonable Quantity:																		
Comments:		ACT SPECIAL CONDITIONS Y ADDITIONAL WELL REVIEW AFTER 5-10 YEARS																				

KANSAS DEPARTMENT OF AGRICULTURE
Division of Water Resources
M E M O R A N D U M

TO: Files

DATE: October 9, 2018

FROM: Richelle A. Krueger

RE: Water Right
File Nos. 41,463; 42,210;
42,336 and 44,186

Greg Grewell and Donald P. Grewell, on behalf of Grewell Land, L.L.C., GPG L.L.C. and DKG L.L.C., water right owners, filed applications for approval to change the authorized point of diversion for Water Right, File Nos. 42,210 and 44,186, and the authorized place of use for File Nos. 41,463; 42,210; 42,336 and 44,186, all files authorized groundwater for irrigation use in the Cimarron River Basin.

The referenced files do not appear abandoned as per K.S.A. 82a-718.

File No. 42,210 has no overlaps in the point of diversion and place of use and is authorized 61 acre-feet and 620 gallons per minute from one well for irrigation of 130 acres all located in Section 16, Township 34 South, Range 38 West, Stevens County, Kansas. File No. 41,463 has two wells with no overlaps while File Nos. 42,336 and 44,186 are authorized the same well. File Nos. 41,463, 42,336 and 44,186 are authorized a limited total of 1,960 acre-feet for irrigation of the same 1,073 acres in Sections 14,15 and 16 of the aforementioned township and range. The water right owners of File No. 44,186 propose to unstack the authorized quantity and diversion rate from the well it shares with File No. 42,336 and move it a distance of 2,280 feet to a well to be drilled 1,074 feet North and 808 feet West of the Southeast corner of Section 16 pursuant to K.A.R 5-5-16 *Additional wells*. The currently authorized well for File No. 44,186 will remain authorized under File No. 42,336.

File No. 44,186 is limited to 1,960 acre-feet of water per calendar year when combined with File Nos. 41,463 and 42,336; and further limited to 2,400 g.p.m. when combined with File No. 42,336 for irrigation use from the diversion point. Since the additional well regulation requires that each point of diversion authorized by an approval of an application for change for an additional well shall have a specific assignment of a maximum instantaneous rate of diversion and a maximum annual quantity of water, it was determined that rates and quantities should be divided among File Nos. 41,463; 42,336 and 44,186 in order to eliminate the additional rate and quantity limitations on File No. 44,186. In a phone conversation on August 8, 2018 between Mike Meyer, Water Commissioner of the Garden City Field Office and Brent Turney, Change Application Unit Supervisor, Mike indicated the 1,960 acre-feet limitation was a place of use limitation only, that File Nos. 42,336 and 44,186 perfected 1,172 acre-feet of water (all additional) and would be able to pump the full amount if File No. 41,463 does not pump, therefore the consumptive use reduction must be to the 1,172 acre-feet currently authorized by File Nos 42,336 and 44,186. Pursuant to the K.A.R. 5-5-16 (a)(2)(C)(i) calculation:

586 max acres (File Nos. 42336/44186) x 1.40'(80% Stevens) = 965 AF to be authorized between File Nos. 42,336 and 44,186.

However, 1960 acre-feet is all that is authorized amongst File Nos. 41,463; 42,336 and 44,186 combined so:

1960 AF – 965 AF (File Nos. 42,336 and 44,186) = 995 acre-feet to remain authorized for File No. 41,463.

A rate test conducted on the presently authorized well by Southwest Groundwater Management District No. 3 staff indicates that 1,907 gallons per minute will be split between File Nos. 42,336 and 44,186. The water right owners chose to retain 753 acre-feet and 1,350 g.p.m. on the well to remain authorized by File No. 42,336 and move 212 acre-feet and 557 g.p.m. for File No. 44,186 to the new well.

The water right owners also propose to move the 61 acre-feet and 620 g.p.m. authorized by File No. 42,210 to the new well location to be authorized by File No. 44,186, a distance move of approximately 2,368 feet. The proposed well appears to meet well spacing requirements.

Memorandum

File Nos. 41,463; 42,210; 42,336 and 44,186

October 9, 2018

Page 2

The water right owners also propose to create an exact overlap in the place of use among File Nos. 41,463; 42,210; 42,336 and 44,186 for a total of 1,203 acres to be irrigated in Sections 14,15 and 16. The total quantity to be authorized under the referenced file numbers, 2,021 acre-feet, can irrigate the proposed 1,203 acres with 1.68 acre-feet per acre which appears reasonable and complies with K.A.R. 5-3-19.

Based on WRIS and the application map the only wells within one-half mile of the proposed new well are owned by the water right owners, and the proposed change in place of use creates an exact overlap in place of use among all of the referenced file numbers, so no nearby well owner notification letters sent.

The same local source of supply will not change, previously determined to be Tertiary System (200)/Ogallala Formation (211).

Approval of the application for File No. 44,186 will be subject to the condition that for the sole purpose of administering wells concerning direct impairment, the additional well shall be considered to have the priority of the date the application was filed (July 16, 2018) to add the additional well.

In a letter dated September 25, 2018, Jason L. Norquest, Assistant Manager of Southwest Groundwater Management District No. 3, indicated that the Board of Directors recommended approval of the referenced applications at this time.

In an e-mail dated September 27, 2018, Mike Meyer, Water Commissioner of the Garden City Field Office recommended approval of the applications.

Water flow meters are required. A water level measurement tube and check valves are required if any chemical or foreign substance is injected into the water through the diversion works.

Based on the above discussion, that the changes are reasonable, that impairment to existing water rights is unlikely, and that no change in the local source of supply will occur, it has been recommended that the referenced applications be approved.


Richelle A. Krueger
Environmental Scientist

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

GREWELL LAND LLC
192 ROAD 12
HUGOTON KS 67951

October 26, 2018

FILE COPY

RE: Water Right, File Nos. 41,463; 42,210; 42,336 and 44,186

Dear Sir or Madam:

Enclosed are the orders executed by the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, approving the applications for change under the above referenced file numbers.

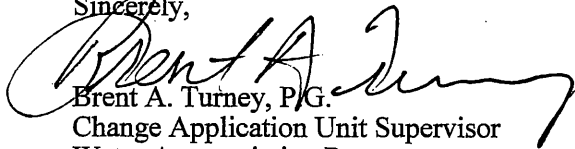
Your attention is directed to the enclosures and to the terms, conditions, and limitations specified in these approvals for change. A condition of these approvals is that acceptable water flow meters must be installed on the diversion works authorized under the referenced file numbers. Please return the required notification of completion of the diversion works and/or installation of the required meters as soon as these actions are completed.

Please note that the application to change the point of diversion for File No. 44,186 is approved subject to the condition that for the sole purpose of administering wells concerning direct impairment, the additional well shall be considered to have the priority of the date the application was filed (July 16, 2018) to add the additional well. In addition, the Chief Engineer specifically retains jurisdiction in this matter with authority to review the approval of the additional well at intervals of no fewer than five years, and no more than ten years to determine if the total annual quantity of water actually being withdrawn by all wells authorized by the approval of application for change is exceeding the total annual quantity of water that could have been physically withdrawn if the additional well had not been approved, and based on the review, the Chief Engineer retains authority to make a reasonable reduction in the authorized quantity of water as may be deemed to be in the public interest.

Since these orders modify the original documents referred to above, they should be recorded with the Register of Deeds as other instruments affecting real estate.

If you have any questions, please contact this office. If you call, please reference the file number so we can help you more efficiently.

Sincerely,


Brent A. Turney, P.G.
Change Application Unit Supervisor
Water Appropriation Program

BAT:rak

pc: Garden City Field Office
Groundwater Management District No. 3
GPG LLC/DKGG LLC

KANSAS DEPARTMENT OF AGRICULTURE
 Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
 David W. Barfield, Chief Engineer

**APPROVAL OF APPLICATION
 FOR
 CHANGE IN PLACE OF USE AND
 POINT OF DIVERSION AND
 ORDER REDUCING THE AUTHORIZED DIVERSION RATE AND
 REMOVING THE ADDITIONAL QUANTITY AND RATE LIMITATIONS
 WATER RIGHT
 FILE NO. 44,186**

The Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, after due consideration of the written application of Greg Grewell and Donald P. Grewell, on behalf of Grewell Land L.L.C., 193 Road 12, Hugoton, Kansas, 67951, and GPG L.L.C. and DKGG L.L.C., 1114 Road A, Hugoton, Kansas, 67951, received in this office on July 16, 2018, for approval of a change in the location of the place of use and point of diversion under the certificate of appropriation issued pursuant to the permit to appropriate water for beneficial use, as modified and amended by the Findings and Order of the Chief Engineer dated August 22, 2013, reducing the authorized place of use and modifying the limitation on the authorized quantity, finds that the change is reasonable and will not impair existing rights, and that the application should be and is hereby approved.

This order effectively reduces the authorized diversion rate to 557 gallons per minute (1.24 c.f.s.) of water per calendar year, in accordance with the Application for Approval to Change the Place of Use and Point of Diversion, File No. 44,186 received in the Office of the Chief Engineer on July 16, 2018.

The application, therefore, is approved subject to the condition that for the sole purpose of administering wells concerning direct impairment, the additional well shall be considered to have the priority of the date the application was filed (July 16, 2018) to add the additional well.

The effective date of the change shall be the date this order is executed by the Chief Engineer, after which the authorized location of the irrigation place of use shall be:

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
14	34S	38W					40.00	40.00			40.00	40.00						160.00	
15	34S	38W	13.00	36.00	40.00	36.00	36.00	13.00	36.00	40.00	40.00	36.00	13.00	36.00	36.00	40.00	36.00	500.00	
16	34S	38W	32.50	32.50	32.50	32.50	32.00	32.00	32.00	32.00	36.00	13.00	36.00	40.00	40.00	40.00	40.00	543.00	

a total of 1,203.00 acres in Township 34 South, Range 38 West, Stevens County, Kansas, and the authorized location of the authorized point of diversion shall be:

one(1) well located in the Northwest Quarter of the Southeast Quarter of the Southeast Quarter (NW¼ SE¼ SE¼) of Section 16, more particularly described as being near a point 1,074 feet North and 808 feet West of the Southeast corner of said section, in Township 34 South, Range 38 West, Stevens County, Kansas, at a diversion rate not in excess of 557 gallons per minute (1.24 c.f.s.) and a quantity of water not to exceed 212 acre-feet per calendar year,

located substantially as shown on the map accompanying the application to change the place of use and point of diversion.

This order removes the additional limitation on the authorized diversion rate as set forth in the Certificate of Appropriation dated November 1, 2006 described as follows:

This appropriation right is further limited to a diversion rate which when combined with the water right set forth in the Certificate of Appropriation issued pursuant to File No. 42,336, will provide a maximum diversion rate not in excess of 2,400 gallons per minute (5.35 c.f.s.) for irrigation use from the diversion point described herein;

and removes the additional limitation on the authorized quantity as set forth in the Certificate of Appropriation dated November 1, 2006, as modified in the Findings and Order of the Chief Engineer, Water Right, File No. 44,186 dated August 22, 2013 which modified the limitation as follows:

...and further limited to a quantity of water which when combined with Water Right, File Nos. 41,463 and 42,336, will provide a total quantity not to exceed 1,960 acre-feet of water per calendar year.

Installation of the works for diversion of water shall be completed on or before December 31, 2018, or within any authorized extension of time. The water right owner shall notify the Chief Engineer of the Division of Water Resources, Kansas Department of Agriculture, when construction of the works for diversion has been completed.

The water right owner shall submit to the Chief Engineer a copy of the well log required by the Kansas Department of Health and Environment under the authority of K.S.A. 82a-1212, currently form WWC-5, within 30 days following the drilling of the well at the location authorized herein.

All wells with a diversion rate of 100 gallons per minute or more drilled under the authority of this order shall have a tube or other device installed in a manner acceptable to, and in accordance with specifications adopted by, the Chief Engineer. This tube or device shall be suitable for making water level measurements and shall be maintained in a condition satisfactory to the Chief Engineer.

All diversion works shall be equipped with an in-line, automatic, quick-closing check valve capable of preventing pollution of the source of the water supply. The type of valve installed shall meet specifications adopted by the Chief Engineer and shall be maintained in an operating condition satisfactory to the Chief Engineer.

The water right owner shall properly install an acceptable water meter on the diversion works authorized under this water right, prior to the use of water, in strict accordance with the Kansas Administrative Regulations 5-1-4 through 5-1-12 adopted by the Chief Engineer. The water right owner shall notify the Chief Engineer when installation of the water meter has been completed. The water right owner shall maintain the water meter in an operating condition satisfactory to the Chief Engineer, at all times during diversion of water and shall maintain records from which the total quantity of water diverted may be determined. The water right owner shall also report the reading of said water meter and the total quantity of water diverted annually to the Chief Engineer. Such records shall be furnished to the Chief Engineer by March 1 following the end of each calendar year.

The Chief Engineer specifically retains jurisdiction in this matter with authority to review the approval of the additional well at intervals of no fewer than five years, and no more than ten years to determine if the total annual quantity of water actually being withdrawn by all wells authorized by the approval of application for change is exceeding the total annual quantity of water that could have been physically withdrawn if the additional well had not been approved, and based on the review, the Chief Engineer retains authority to make a reasonable reduction in the authorized quantity of water as may be deemed to be in the public interest.

In all other respects, the Certificate of Appropriation issued pursuant to Approval of Application, File No. 44,186, for permit to appropriate water for beneficial use, is as stated and set forth in the Certificate of Appropriation dated November 1, 2006, as modified and amended by the aforementioned order.

RIGHT TO A HEARING AND TO ADMINISTRATIVE REVIEW

If you are aggrieved by this Order, then pursuant to K.S.A. 82a-1901, you may:

- 1) request an evidentiary hearing before the Chief Engineer, or
- 2) request administrative review by the Secretary of Agriculture.

Failure to request an evidentiary hearing before the Chief Engineer does not preclude your right to administrative review by the Secretary.

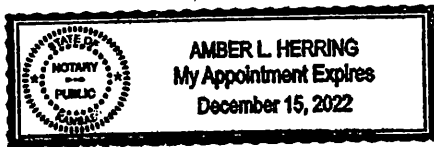
To obtain an evidentiary hearing before the Chief Engineer, a written request for hearing must be filed within 15 days after service of this Order as provided in K.S.A. 77-531 (i.e., within a total of 18 days after this Order was mailed to you), with the Kansas Department of Agriculture, Attn: Legal Section, 1320 Research Park Drive, Manhattan, Kansas 66502, or by FAX (785) 564-6777.

If you do not file a request for an evidentiary hearing before the Chief Engineer, you may petition for administrative review of the Order by the Secretary of Agriculture. A petition for review shall be in writing and state the basis for requesting administrative review. The request for review may be denied if the request fails to clearly establish factual or legal issues for review. See K.S.A. 77-527. The petition must be filed within 30 days after service of this Order as provided in K.S.A. 77-531 (i.e., within a total of 33 days after this Order was mailed to you), and be filed with the Secretary of Agriculture, Attn: Legal Division, Kansas Department of Agriculture, 1320 Research Park Drive, Manhattan, Kansas 66502, or by FAX (785) 564-6777.

If neither a request for an evidentiary hearing nor a petition for administrative review is filed as set forth above, then this Order shall be effective and become a final agency action as defined in K.S.A. 77-607(b). Failure to timely request either an evidentiary hearing or administrative review may preclude further judicial review under the Kansas Judicial Review Act.

Any request for hearing or petition for administrative review shall be in writing and shall be submitted to the attention of: Chief Legal Counsel, Kansas Department of Agriculture, 1320 Research Park Drive, Manhattan, Kansas 66502, Fax: (785) 564 - 6777.

Ordered this 23rd day of October, 2018, in Manhattan, Riley County, Kansas.



Lane P. Letourneau
 Lane P. Letourneau, P.G.
 Program Manager
 Water Appropriation Program
 Division of Water Resources
 Kansas Department of Agriculture

State of Kansas)
) SS
 County of Riley)

The foregoing instrument was acknowledged before me this 23rd day of October, 2018, by Lane P. Letourneau, P.G., Program Manager, Water Appropriation Program, Division of Water Resources, Kansas Department of Agriculture.

Amber L. Herring
 Notary Public

CERTIFICATE OF SERVICE

On this 20th day of October, 2018, I hereby certify that the attached Approval of Application for the Change in Place of Use and Point of Diversion, File No. 44,186, dated October 23rd, 2018 was mailed postage prepaid, first class, US mail to the following:


DKGG LLC/GPG LLC
1114 ROAD A
HUGOTON KS 67951

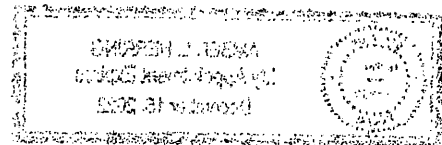
With a true and correct copy sent to:

GREWELL LAND LLC
193 ROAD 12
HUGOTON KS 67951

With photocopies sent to:

Garden City Field Office
Groundwater Management District No. 3


Division of Water Resources



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**



State of Kansas

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 for approval of the Chief Engineer to change the

- Place of Use
(Check one or more) Point of Diversion
 Use Made of Water

Water Resources
Received

JUL 16 2018

1:42
KS Dept Of Agriculture

File No. 44186

2. Name of applicant: Grewell Land LLC %Greg Grewell

Address: 193 Road 12

City, State and Zip: Hugoton, KS 67951

Phone Number: (620)428-5530

E-mail address: grewell.greg@gmail.com

What is your relationship to the water right; owner tenant agent other? If other, please explain. _____

Name of water use correspondent: Donald Paul Grewell

Address: 1114 Road A

City, State and Zip: Hugoton, KS 67951

Phone Number: () _____

E-mail address: _____

3. The change(s) proposed herein are desired for the following reasons (please be specific): Complete overlap in place of use

The change(s) (was) (will be) completed by as soon as approved

(Date)

For Office Use Only:

F.O. 4 GMD 3 Meets K.A.R. 5-5-1 (YES/NO) Use 1AK Source G/S County SV By LI Date 7/16/18
Code C-2 Fee \$ 400.00 TR # _____ Receipt Date 7/16/18 Check # 2026

RECEIVED

APPLICATION CLERK

9/25/18

Reviewer RAIL

JUL 12 2018

Assisted by

SCANNED

6. The presently authorized point(s) of diversion are 1 well and discharge
(Provide description and number of points)
7. The proposed point(s) of diversion are 1 well and discharge
(Provide description and number of points)

List all presently authorized point(s) of diversion:

8. **Presently authorized point of diversion:**
 One in the SE Quarter of the SE Quarter of the SW Quarter of Section 16, Township 34 South, Range 38 W, in STEVENS County, Kansas, 20 feet North 2830 feet West of Southeast corner of section. Authorized Rate *2400GPM* Authorized Quantity *212AF*
 (DWR use only: Computer ID No. _____ GPS _____ feet North _____ feet West)
 This point will not be changed This point will be changed as follows:
Proposed point of diversion: (Complete only if change is requested)
 One in the NW Quarter of the SE Quarter of the SE Quarter of Section 16, Township 34 South, Range 38 W, in STEVENS County, Kansas, 1074 feet North 808 feet West of Southeast corner of section. Proposed Rate *557 680gpm Proposed Quantity 212AF*
 This point is: Additional Well Geo Center List other water rights that will use this point 42210

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 Southeast 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 as follows:
Proposed point of diversion: (Complete only if change is requested)
 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 Southeast corner of section. Proposed Rate _____ Proposed Quantity _____
 This point is: Additional Well Geo Center List other water rights that will use this point _____

10. **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 Southeast 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 as follows:
Proposed point of diversion: (Complete only if change is requested)
 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 Southeast corner of section. Proposed Rate _____ Proposed Quantity _____
 This point is: Additional Well Geo Center List other water rights that will use this point _____

11. Describe the current condition of and future plans for any point(s) of diversion which will no longer be used. _____

IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS AS NECESSARY

** per 9/14/18 email Jason Norquest GMB3*

** RAK/Dwn 9/18/18*

4. The presently authorized place of use is:

Owner of Land — NAME: GPG LLC

ADDRESS: 1114 RD A, Hugoton, KS 67951

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
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

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
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

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

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
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, 42210, 42336 & 44186

Owner of Land — NAME: DKGG LLC

ADDRESS: 1114 RD A, Hugoton, KS 67951

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
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

Water Resources
Received

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

JUL 16 2018

IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS AS NECESSARY

KS Dept Of Agriculture

SCANNED

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

FILE NO. _____

MAKE ADDITIONAL COPIES AS NECESSARY

3. *Continued:* The presently authorized place of use is:

Owner of Land ---- NAME: Grewell Land LLC
ADDRESS: 193 Road 12, Hugoton, KS 67951

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
16	34s	38w																	

Owner of Land ---- NAME: _____
ADDRESS: _____

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	

Owner of Land ---- NAME: _____
ADDRESS: _____

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	

4. *Continued:* If this application is for a change in place of use, it is proposed that the place of use be changed to:

Owner of Land ---- NAME: Grewell Land LLC
ADDRESS: 193 Road 12, Hugoton, KS 67951

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
16	34s	38w	32.5	32.5	32.5	32.5													130.0

Owner of Land ---- NAME: _____
ADDRESS: _____

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	

Owner of Land ---- NAME: _____
ADDRESS: _____

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	

Water Resources
Received
JUL 16 2018

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 _____ South, Range _____ (E/W),
in _____ County, Kansas, _____ feet North _____ feet West of Southeast corner of section.
Authorized Rate _____ Authorized Quantity _____ Depth of well _____ (feet)
(DWR use only: Computer ID No. _____ GPS _____ feet North _____ feet West)

This point will not be changed This point will be changed as follows:

Proposed point of diversion: (Complete only if change is requested)

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 Southeast corner of section.
Proposed Rate _____ Proposed Quantity _____ Proposed well depth (feet) _____
This point is: Additional Well Geo Center List other water rights that will use this point _____

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 Southeast corner of section.
Authorized Rate _____ Authorized Quantity _____ Depth of well _____ (feet)
(DWR use only: Computer ID No. _____ GPS _____ feet North _____ feet West)

This point will not be changed This point will be changed as follows:

Proposed point of diversion: (Complete only if change is requested)

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 Southeast corner of section.
Proposed Rate _____ Proposed Quantity _____ Proposed well depth (feet) _____
This point is: Additional Well Geo Center List other water rights that will use this point _____

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 Southeast corner of section.
Authorized Rate _____ Authorized Quantity _____ Depth of well _____ (feet)
(DWR use only: Computer ID No. _____ GPS _____ feet North _____ feet West)

This point will not be changed This point will be changed as follows:

Proposed point of diversion: (Complete only if change is requested)

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 Southeast corner of section.
Proposed Rate _____ Proposed Quantity _____ Proposed well depth (feet) _____
This point is: Additional Well Geo Center List other water rights that will use this point _____

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 Southeast corner of section.
Authorized Rate _____ Authorized Quantity _____ Depth of well _____ (feet)
(DWR use only: Computer ID No. _____ GPS _____ feet North _____ feet West)

This point will not be changed This point will be changed as follows:

Proposed point of diversion: (Complete only if change is requested)

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 Southeast corner of section.
Proposed Rate _____ Proposed Quantity _____ Proposed well depth (feet) _____
This point is: Additional Well Geo Center List other water rights that will use this point _____

12. The presently authorized use of water is for IRR purposes.
It is proposed that the use be changed to IRR purposes.

13. If changing the place of use and/or use made of water, describe how the consumptive use will not be increased.
Change in place of use in for a complete overlap, KAR 5-5-11(b)(1)
Unstacking PD with 42336 and stacking on new proposed PD with 42210

Keep limitation that is currently with the water right.
* 5-5-16 586 max per acre (File Nos 42736/44186) x 1.40' (80% Stevens Co) = 965 AF File Nos 42336/44186
Remove Limitations "1960 AF/YR w/c #41463 #42336" + "185" "2400 gpm w/c #42336"
(Please show any calculations here.)

14. It is requested that the maximum annual quantity of water be reduced to NA (acre-feet or million gallons).

15. It is requested that the maximum rate of diversion of water be reduced to 650 557 gallons per minute (___ c.f.s.).

16. The application must include either a topographic map or detailed plat. A U.S. Geological Survey Topographic Map, scale 1:24,000, is available through the Kansas Geological Survey, 1930 Constant Avenue, University of Kansas, Lawrence, Kansas 66047-3726 (www.usgs.gov). The map should show the location of the presently authorized point(s) of diversion. Distances North and West of the Southeast corner of the section must be shown. The presently authorized place of use should also be shown. Identify the center of the section, the section lines and the section corners and show the appropriate section, township, and range numbers on the map. In addition the following information must also be shown on the map.

- 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 West of the Southeast corner of the section must be shown. Please be certain that the information shown on the map agrees with the information shown in Paragraph Nos. 9, 10 and 11 of the application.
 - 2) If the source of supply is groundwater, please show the location of existing water wells of any kind, including domestic wells, within 1/2 mile of the proposed well or wells. Identify each well as to its use and furnish name and mailing address of the property owner or owners. If there are no wells within 1/2 mile, please indicate so on the map.
 - 3) If the source of supply is surface water, the names and mailing addresses of all landowner(s) 1/2 mile downstream and 1/2 mile upstream from your property lines must be shown.
- b. If a change in the place of use is desired, show the proposed place of use by crosshatching on the map. Please be certain that the information shown on the map agrees with the information shown in Paragraph No. 5 of the application.

17. Attach documentation to show the change(s) proposed herein will not impair existing water rights and relates to the same local source of supply as to which the water right relates. This information may include statements, plats, geology reports, well logs, test hole logs, and other information as necessary information to show the above. Additional comments may be made below.

See attached maps

18. If the proposed change(s) does not meet all applicable rules and regulations of the Kansas Water Appropriation Act, please identify the rules and regulations for which you request a waiver. State the reason why a waiver is needed and why the request should be granted. Attach documentation showing that granting the request will not impair existing water rights and will not prejudicially and unreasonably affect the public interest.

Application meets criteria of current area rules
Water Resources
Received
JUL 16 2018

IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS AS NECESSARY
** per 9/14/18 email Jason Morque + GM03*
** Pak/own 9/18/18*
SCANNED

Any use of water that is not as authorized by the water right or permit to authorize water **before** 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 as identified herein, or that I represent all such owners and am authorized to make this application on their behalf, and declare further that the statements contained herein are true, correct, and complete. By filing this application I authorize the chief engineer to permanently reduce the quantity of water and/or rate of diversion as specified in sections 14 and 15 of this application.

Dated at GMD3 Office, Kansas, this 12th day of July, 2018.

Growth Land LLC

(Owner)

(Spouse)

[Signature]

(Please Print)

(Please Print)

[Signature]

(Owner)

(Spouse)

DKCC LLC

(Please Print)

(Please Print)

[Signature]

(Owner)

(Spouse)

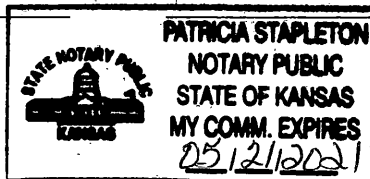
GP6 LLC

(Please Print)

(Please Print)

State of Kansas

County of Finney } SS



I hereby certify that the foregoing application was signed in my presence and sworn to before me this 12th day of July, 2018.

Patricia Stapleton
Notary Public

My Commission Expires 5-21-2021

FEE SCHEDULE

Each application to change the place of use, the point of diversion or the use made of the water under this section shall be accompanied by the application fee set forth in the schedule below:

- (1) Application to change a point of diversion 300 feet or less \$100
- (2) Application to change a point of diversion more than 300 feet \$200
- (3) Application to change the place of use \$200
- (4) Application to change the use made of the water \$300

Make check payable to **Kansas Department of Agriculture.**

Krueger, Richelle [KDA]

From: Krueger, Richelle [KDA]
Sent: Monday, July 23, 2018 2:51 PM
To: 'Jason Norquest'
Subject: RE: Change in PD File Nos. 42210 and 44186, Change in PU File Nos. 41463; 42210; 42336; 44186 Grewell Land LLC etal

Wow that was quick, thanks for all the info, it helps a bunch!

From: Jason Norquest <norquest@gmd3.org>
Sent: Monday, July 23, 2018 2:45 PM
To: Krueger, Richelle [KDA] <Richelle.Krueger@ks.gov>
Subject: RE: Change in PD File Nos. 42210 and 44186, Change in PU File Nos. 41463; 42210; 42336; 44186 Grewell Land LLC etal

Thought they had everything with them. I got a lot of maps and graphs and papers for them. Ran the test results by Mike and he seemed to think it looked correct so it is attached.

Let me know if I need to redo the map for you. Been told no one likes my maps we are able to make now.

Jason Norquest

Assistant Manager, GMD3

Office: 620-275-7147 Cell: 620-271-1289

norquest@gmd3.org

www.gmd3.org

WATER RESOURCES
RECEIVED
JUL 23 2018
KS DEPT OF AGRICULTURE

From: Krueger, Richelle [KDA] [<mailto:Richelle.Krueger@ks.gov>]
Sent: Monday, July 23, 2018 2:29 PM
To: Jason Norquest <norquest@gmd3.org>
Subject: Change in PD File Nos. 42210 and 44186, Change in PU File Nos. 41463; 42210; 42336; 44186 Grewell Land LLC etal

Hi Jason,

Hope things are well in GC today! Hey, I just picked up these files to review, which I think propose an exact overlap in pu among all the file numbers. The applications to change the point of diversion for File Nos. 42210 and 44186 propose to move to the same new well to be located 1074'N and 808' W of SE corner of 16-34-38W Stevens Co. The pd change for File No. 44186 is an additional well because it is unstacking from the well authorized by File No. 42336.

I just wanted to check with you guys, there were place of use maps with the applications but they did not send maps with the proposed well location or any nearby non-domestic or domestic well locations within one-half mile. I noticed on the application for File No. 44186 they proposed 650 g.p.m. for the proposed well under File No. 44186 but I didn't see any pump test, do you know if one has been done?

If they overlooked sending the map with the proposed well location and the pump test, would you mind e-mailing me a copy if you have one?

Thanks, as always, for your help!

Richelle

Richelle Krueger, Environmental Scientist
Kansas Department of Agriculture
Water Appropriation Program
(785) 564-6635
Richelle.Krueger@ks.gov (**please note e-mail address change**)
www.ksda.gov/dwr

**SOUTHWEST KANSAS GROUNDWATER MANAGEMENT DISTRICT #3
FLOWMETER TEST REPORT**

FILE(S): 42336 44186

COUNTY: STEVENSON

DATE: 6-4 2018

TIME: 2:15

PERSON(S) PRESENT: Jared

TEST CONDUCTED BY: CL

GPS: Well N 37.08278 Meter _____

Nearby W 101.45648 Other _____

WELL LOCATION: SECTION 16 T 34 S R 38 W
ID 2 QUARTER _____, _____, _____, SW or

20 'N 2830 'W of the SE corner

METER LOCATION: Well Pivot _____
Enter from East

Vrt or Hrz _____ Other _____
Walk in _____

METER INFORMATION:
Serial Number 97-10-1051 N
Manufacturer McCrometer Water Specialties _____ Other _____
Meter Type Propeller Other _____
Pipe Size _____ OD 10.0 ID 9.761
Totalizer units _____ Acre Feet Acre Inches _____ Gallons _____ Other _____
Multiplier 0.001 100 _____ 1000 _____ Other _____

METER INSTALLATION:
Full pipe flow? Yes Remarks _____
Straightening vanes Yes _____ No _____ Blue Tube? Yes

Straight Run (inches) Upstream 74 Downstream 25 Measurement to meter stem. Must be adjusted for accuracy location.
Mfg. Seal Yes GLB No _____ ID _____
GMD3 seal Yes _____ No ID _____
DWR Chain Yes No _____ ID 2776901

PUMP INFORMATION:
Power N/G
Manufacturer _____ Model _____ SN _____
Horse power _____ at 1760 RPM Gear ratio _____
Engine rpm _____ Pump rpm _____
Pressure _____ Measured at _____

SPRINKLER INFO: _____ Nozzle package _____

WATER RESOURCES
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JUL 23 2018
KS DEPT OF AGRICULTURE

INSTALLED METER TIME TEST:

Visual Rate 1950 - 2000 gpm

Remarks _____

Calculated rate

End Read 805
Begin Read 683.768
Difference 037
Diff. Gal. 12056.5

End Time 6:19
Begin Time 0
Time (min.) _____
Time (.00) 0.32

Installed Meter gpm 1907.7

NON-INTRUSIVE FLOWMETER TEST:

Manufacturer FUJI

Model PORTAFLOW

Serial number Q6J4361T

Pipe OD ~~10.0~~ 10.0 Pipe thickness ~~0.119~~ 0.119, 190 Pipe material Painted Steel

Test location Well, ~36" OS of water

Transducer spacing 7.696

Audible _____

Signal Strength 3 N

Air? _____ Visible slight

Sound Speed 4688 ft/s

Velocity 8.3

Time 1523 1533 gallons in 10 minutes

Observed Flow Range 1890 - 1910

RESULT:

Standard meter rate _____ gpm

Installed meter rate _____ gpm

Remarks _____

Installed gpm - Standard gpm = _____ gpm (+ or -) difference

GPM Difference ÷ Standard gpm = calculated % difference

Calculated % difference _____

GMD3 Seal #: NA

WATER RESOURCES RECEIVED JUL 23 2018 KS DEPT OF AGRICULTURE

Installed flowmeter gpm - standard flowmeter gpm = difference in gpm (+ or -)
Difference in gpm divided by standard flowmeter gpm = percentage difference (+ or -)
If the calculated % difference is a positive number then the meter is registering more than what is actually being pumped.
If the calculated % difference is a negative number (-) then the meter is registering less than what is actually being pumped.

**SOUTHWEST KANSAS GROUNDWATER MANAGEMENT DISTRICT #3
FLOWMETER TEST REPORT**

FILE(S): 42336, 44186

COUNTY: Stevens

DATE: 6-4 2018

TIME: 2:15

PERSON(S) PRESENT: Tared

TEST CONDUCTED BY: CL

GPS: Well N 37.08278 Meter Nearby Other
W 101.45648

WELL LOCATION: SECTION 16 T 34 S R 38 W
 ID 2 QUARTER or 20 'N 2830 'W of the SE corner

METER LOCATION: Well Pivot Vrt or Hrз Other
 Enter from East Walk in

METER INFORMATION:
 Serial Number 97-10-1051 N Model
 Manufacturer McCrometer Water Specialties Other
 Meter Type Propeller Other
 Pipe Size OD 10.000 ID 9.321
 Totalizer units Acre Feet Acre Inches Gallons Other
 Multiplier 0.001 100 1000 Other

METER INSTALLATION:
 Full pipe flow? Yes Remarks
 Straightening vanes Yes No Blue Tube? Yes
Measurement to meter stem. Must be adjusted for accuracy location.
 Straight Run (inches) Upstream 74 Downstream 25
 Mfg. Seal Yes 628 No ID
 GMD3 seal Yes No ID
 DWR Chain Yes No ID 2276801

PUMP INFORMATION: Power NG
 Manufacturer Model SN
 Horse power at 1760 RPM Gear ratio
 Engine rpm Pump rpm
 Pressure Measured at

SPRINKLER INFO: Nozzle package

WATER RESOURCES
RECEIVED

JUL 23 2018

INSTALLED METER TIME TEST:

Visual Rate 2000 gpm / 2200
1800

Remarks _____

Needs
2000 gpm
then slowed engine
to 1800

Calculated rate

End Read 625
Begin Read 603.472
Difference .153
Diff. Gal. 49855.2

End Time 27:19
Begin Time 0
Time (min.) _____
Time (.00) 27.32

Installed Meter gpm 1824.9

NON-INTRUSIVE FLOWMETER TEST:

Manufacturer FUJI

Model PORTAFLOW

Serial number Q6J4361T

Pipe OD 10.0 Pipe thickness .109/.190 Pipe material Steel

Test location _____

Transducer spacing 7.613/7.696 Audible _____

Signal Strength _____ Air? _____ Visible _____

Sound Speed _____ ft/s Velocity _____

Time _____ gallons in _____ minutes

Observed Flow Range _____

RESULT:

Standard meter rate _____ gpm Installed meter rate _____ gpm

Remarks _____

Installed gpm - Standard gpm = _____ gpm (+ or -) difference

GPM Difference ÷ Standard gpm = calculated % difference

Calculated % difference _____

GMD3 Seal #: _____

WATER RESOURCES
RECEIVED
JUL 23 2018
KS DEPT OF AGRICULTURE

Installed flowmeter gpm - standard flowmeter gpm = difference in gpm (+ or -)
Difference in gpm divided by standard flowmeter gpm = percentage difference (+ or -)
If the calculated % difference is a positive number then the meter is registering more than what is actually being pumped.
If the calculated % difference is a negative number (-) then the meter is registering less than what is actually being pumped.

SOUTHWEST KANSAS GROUNDWATER MANAGEMENT DISTRICT #3
FLOWMETER TEST REPORT

FILE(S) **42336, 44186** COUNTY: Stevens TEST CONDUCTED BY: CL

DATE June 4, 2018 TIME: 2:15

GPS N: 37.08278 W: 101.45648 Taken at: Well

WELL LOCATION **Section: 16 Township: 34 Range: 38**
ID: 2 QUARTER: SW
 Distance from SE corner: 20 feet North 2830 feet West

METER LOCATION Well

METER INFORMATION

Serial Number: **97-10-1051N** Model: MD310-?
 Manufacturer: McCrometer Meter Type: Propeller
 Pipe Size: OD: 10.000 ID: 9.761
 Totalizer units: Acre Feet Multiplier: 0.001
 Manufacturer Seal & ID: GLB GMD3 Seal: No
 DWR Chain & Seal & ID: Yes
 Remarks:

METER INSTALLATION

Full pipe flow: Yes
 Straightening vanes: Blue tube
 Straight Run (inches) Upstream: 74 Downstream: 25 *Measurements to meter stem.*

PUMP INFORMATION

Power: Natural Gas
 Manufacturer: Horsepower: Ratio:
 Engine rpm: Pump rpm:
 Pressure (psi): Measured at:

INSTALLED METER TIME TEST

Visual Rate: 2000 gpm
 Calculated rate:
 End Read 683.805 End Time 6:19
 Begin Read 683.768 Begin Time 0
 Difference 0.037 Time (min.)
 Diff. Gal. 12056.5 Time (.00) 6.32
Installed Meter gpm 1907.7

WATER RESOURCES
 RECEIVED
JUL 23 2018
 KS DEPT OF AGRICULTURE

NON-INTRUSIVE FLOWMETER TEST

Manufacturer: FUJI
 Model: PORTAFLOW Serial number: Q6J4361T
 Pipe OD: 10.00 Thickness: 0.190 Material: Painted steel
 Test location: Well
 Transducer spacing: 7.696
 Signal Strength: 5 bars, normal
 Sound Speed (ft/s): 4688 Velocity (ft/s): 8.3

RESULT Standard meter rate: 1890 - 1910 gpm Installed meter rate: 1907.7 gpm

Remarks: It took several attempts to find a spot that the test meter would work. Once working it would not hold for 10 minutes but did work for more than 5 minutes and showed a flow range of 1890 -1910 gpm.

GPM Difference ÷ Standard gpm = calculated % difference
Calculated % difference < 6% GMD3 seal # NA

SOUTHWEST KANSAS GROUNDWATER MANAGEMENT DISTRICT #3

FLOWMETER TEST REPORT

FILE(S) **42336, 44186** COUNTY: Stevens TEST CONDUCTED BY: CL

DATE June 4, 2018 TIME: 2:15

GPS N: 37.08278 W: 101.45648 Taken at: Well

WELL LOCATION **Section: 16 Township: 34 Range: 38**
ID: 2 QUARTER: SW
 Distance from SE corner: 20 feet North 2830 feet West

METER LOCATION Well

METER INFORMATION

Serial Number: **97-10-1051N** Model: MD310-?
 Manufacturer: McCrometer Meter Type: Propeller
 Pipe Size: OD: 10.000 ID: 9.761
 Totalizer units: Acre Feet Multiplier: 0.001
 Manufacturer Seal & ID: GLB GMD3 Seal: No
 DWR Chain & Seal & ID: Yes
 Remarks:

METER INSTALLATION

Full pipe flow: Yes
 Straightening vanes: Blue tube
 Straight Run (inches) Upstream: 74 Downstream: 25 *Measurements to meter stem.*

PUMP INFORMATION

Power: Natural Gas
 Manufacturer: Horsepower: Ratio:
 Engine rpm: Pump rpm:
 Pressure (psi): Measured at:

INSTALLED METER TIME TEST

Visual Rate: 2000 gpm
 Calculated rate:

End Read	683.805	End Time	6:19
Begin Read	683.768	Begin Time	0
Difference	0.037	Time (min.)	
Diff. Gal.	12056.5	Time (.00)	6.32

Installed Meter gpm 1907.7

WATER RESOURCES
 RECEIVED
 JUL 23 2018
 KS DEPT OF AGRICULTURE

NON-INTRUSIVE FLOWMETER TEST

Manufacturer: FUJI
 Model: PORTAFLOW Serial number: Q6J4361T
 Pipe OD: 10.00 Thickness: 0.190 Material: Painted steel
 Test location: Well
 Transducer spacing: 7.696
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Remarks: It took several attempts to find a spot that the test meter would work. Once working it would not hold for 10 minutes but did work for more than 5 minutes and showed a flow range of 1890 -1910 gpm.

GPM Difference ÷ Standard gpm = calculated % difference
Calculated % difference < 6% GMD3 seal # NA

Krueger, Richelle [KDA]

From: Jason Norquest <norquest@gmd3.org>
Sent: Friday, September 14, 2018 1:25 PM
To: Krueger, Richelle [KDA]
Subject: RE: Grewell Applications, File Nos. 41463;42210;42366; 44186

EXTERNAL: This email originated from outside of the organization. Do not click any links or open any attachments unless you trust the sender and know the content is safe.

Sorry it took a bit to get back to you. I did finally get in touch with Greg and believe we have it figured out. I put the answers below. Hopefully this will take care of the questions. If anything else does come up, just let me know. Appreciate all your help.

Have a good weekend!!!

Jason Norquest

Assistant Manager, GMD3
Office: 620-275-7147 Cell: 620-271-1289
norquest@gmd3.org
www.gmd3.org

From: Krueger, Richelle [KDA] [<mailto:Richelle.Krueger@ks.gov>]
Sent: Friday, September 07, 2018 8:45 AM
To: Jason Norquest <norquest@gmd3.org>
Subject: Grewell Applications, File Nos. 41463;42210;42366; 44186

Hi Jason,

It was good to see you when you were here a week (or two maybe three lol) ago! We had talked a bit about the Grewell applications and I think you wanted me to send you what we need. Unfortunately I am just now getting back to this. I had discussed this with Mike and Brent and here is what we need to get these applications moving:

- They need to determine how they want to split the 1907 g.p.m between the well to remain authorized by File No. 42336 and the proposed additional well to be authorized by File No. 44186 - the 2400 g.p.m. limitation on the rate on File No. 44186 will then be removed We will keep 1350gpm on the current well under 42336 and move 557gpm over with 44186.
- They will have to determine how to split 965 acre-feet between File No. 42336 and 44186 since they perfected their quantity from the same well
K.A.R. 5-5-16 calculation: 586 max perfected acres (File Nos. 42336/44186) x 1.40'(80% Stevens) = 965 AF Here we will keep 753AF on current well under 42336. Then move the 212AF over with 44186 to stack on the 61AF of 42210.
- Senior File No. 41463 would have to take a reduction to 995 acre-feet to get rid of the quantity limitation on File No 44186(44186 limited to 1960 AF w/c 41463 and 42336). If all File Nos. 42336 and 44186 can pump is 965 AF all 41463 could pump would be 1960 AF – 965 AF(42336/44186) = 995 AF left for File No. 41463 - so I guess they need to decide which well takes the 5 AF reduction. To reduce the 5AF, he wants to take it all off one well. So the well under ID 1 in section 15 will stay at 500AF and the well under ID 3 in section 14 will drop to 495AF.

If you need something else or prefer I write them a letter, just let me know. Thanks, as always, for your help!

Richelle

Richelle Krueger, Environmental Scientist
Kansas Department of Agriculture
Water Appropriation Program
(785) 564-6635
Richelle.Krueger@ks.gov (please note e-mail address change)
www.ksda.gov/dwr

PS you guys getting any of this rain we have been getting?

Krueger, Richelle [KDA]

From: Meyer, Mike [KDA]
Sent: Thursday, September 27, 2018 7:59 AM
To: Krueger, Richelle [KDA]
Subject: RE: Request for Recommendation Change in PD PU File Nos. 42210 and 44186 and PU File Nos. 41463 and 42336 Grewell

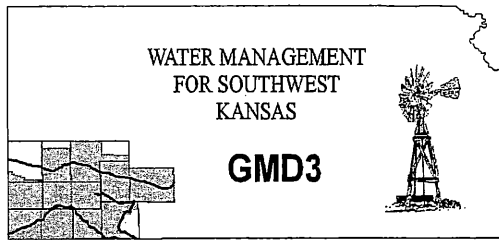
Approve
Thanks!

Mike

From: Krueger, Richelle [KDA]
Sent: Wednesday, September 26, 2018 4:56 PM
To: Meyer, Mike [KDA] <Mike.Meyer@ks.gov>
Cc: Makens, Thom [KDA] <Thom.Makens@ks.gov>
Subject: Request for Recommendation Change in PD PU File Nos. 42210 and 44186 and PU File Nos. 41463 and 42336 Grewell

Hi Mike,
Attached is a draft memo for the referenced change apps for Grewell, do you recommend approval?

Thanks,
Richelle



**Southwest Kansas
Groundwater Management District No. 3**
2009 E. Spruce Street
Garden City, Kansas 67846
(620) 275-7147 phone (620) 275-1431 fax
www.gmd3.org

September 25, 2018

Richelle A. Krueger
Kansas Department of Ag
Division of Water Resources
1320 Research Park Drive
Manhattan, Kansas 66502

Water Resources
Received

SEP 28 2018

RE: Change Application
Water Right, File Nos. 41463, 42210, 42336 & 44186

KS Dept Of Agriculture

Dear Richelle:

We assisted the applicant for the above referenced water rights. The proposals for change in place of use, in order to make a complete overlap in the place of use for all the water rights, is not in conflict with the Management Program of the Southwest Kansas Groundwater Management District No. 3 (GMD3) and is in accordance with K.A.R. 5-5-11.

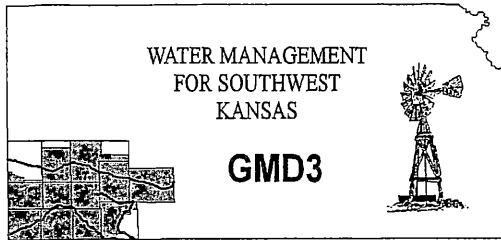
The applicant is also proposing to move the well under Water Right 42210. At the same time, they are wanting to unstack Water Right 44186 from the current point of diversion and then stack it on the new proposed point of diversion for 42210. Spacing for this change meets the criteria of K.A.R. 5-23-3. At the same time, the additional well rule to move 44186 is in accordance with K.A.R. 5-5-16. Considerable time was spent to make sure the new wells location complies with the associated rules. It is therefore recommended that all the applications, place of use and point of diversion, be approved at this time.

Thank you for the opportunity to review the applications and to provide a recommendation. If you have any questions, please don't hesitate to contact us.

Sincerely,

A handwritten signature in black ink, appearing to read "Jason L. Norquest", is written over a large, light-colored scribble or watermark.

Jason L. Norquest
Assistant Manager



Southwest Kansas
Groundwater Management District No. 3
2009 E. Spruce Street
Garden City, Kansas 67846
(620) 275-7147 phone (620) 275-1431 fax
www.gmd3.org

September 25, 2018

Richelle A. Krueger
Kansas Department of Ag
Division of Water Resources
1320 Research Park Drive
Manhattan, Kansas 66502

RE: Change Application
Water Right, File Nos. 41463, 42210, 42336 & 44186

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Thank you for the opportunity to review the applications and to provide a recommendation. If you have any questions, please don't hesitate to contact us.

Sincerely,

Jason L. Norquest
Assistant Manager

WATER RESOURCES
RECEIVED
SEP 25 2018
KS DEPT OF AGRICULTURE

Krueger, Richelle [KDA]

From: Jason Norquest <norquest@gmd3.org>
Sent: Tuesday, September 25, 2018 3:53 PM
To: Krueger, Richelle [KDA]
Subject: Grewell
Attachments: RK_41463+_PU_PD.docx

EXTERNAL: This email originated from outside of the organization. Do not click any links or open any attachments unless you trust the sender and know the content is safe.

Good afternoon Richelle. Hope you had a good weekend. I made it back Garden late yesterday afternoon after taking a road trip up to Duluth with my son. Got him fairly settled in and he started the new job yesterday. I would have to say, just the little bit of time I was there, it is an interesting place and would be worth seeing if you ever felt like it. Quite a bit of stuff for people with all interests to do up there. The weather was damp, but it was cool watching the ships and stuff come in off the lake and all the work going on at the docks.

Anyway, here is my review letter for the Grewell applications. Thought I would get it back to you as soon as I could. Since I helped with the applications, it was simpler. I will send the signed letter in the mail.

Let me know if you need anything else. Thanks for your help on these applications.

Jason Norquest

Assistant Manager, GMD3

Office: 620-275-7147 Cell: 620-271-1289

norquest@gmd3.org

www.gmd3.org

WATER RESOURCES
RECEIVED
SEP 25 2018
KS DEPT OF AGRICULTURE

SCANNED

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

SOUTHWEST KANSAS GROUNDWATER September 19, 2018
MANAGEMENT DISTRICT NO 3
ATTN JASON NORQUEST
2009 E SPRUCE ST
GARDEN CITY KS 67846

FILE COPY

Re: Water Right, File Nos. 41,463; 42,210; 42,336 and 44,186

Dear Jason:

We are enclosing copies of the applications to change the place of use for File Nos. 41,463; 42,210; 42,336 and 44,186 and applications to change the point of diversion for File Nos. 42,210 and 44,186.

We are delaying further action for a period of 15 days from the date of this letter to allow you time to submit your recommendations concerning these applications.

Please submit your recommendations within the allowed time, or any authorized extension of time thereof. If you have any questions, please contact me at (785) 564-6635. If you call, please reference the file number so we can help you more efficiently.

Sincerely,

Richelle A. Krueger
Environmental Scientist
Water Appropriation Program

Enclosures

pc: Garden City Field Office

SCANNED

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
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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:

An application for approval of the Chief Engineer to change the following condition or conditions of the file number referred to above has been 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

BAT: DLW
pc: GARDEN CITY Field Office GMD3

SCANNED



Century GEOPHYSICAL CORP.

G+AG INC

COMPANY : DOWNEY DRILLING INC.
 WELL : G+AG INC
 LOCATION/FIELD :
 COUNTY : STEVENS
 LOCATION : SE
 SECTION : 16

OTHER SERVICES:

TH #2

DATE : 05/16/18
 DEPTH DRILLER : 580
 LOG BOTTOM : 579.80
 LOG TOP : 0.70

TOWNSHIP : 34S RANGE : 38W

PERMANENT DATUM : GL
 LOG MEASURED FROM: GL
 DRL MEASURED FROM: GL

KB :
 DF :
 GL :

CASING DIAMETER : 10.
 CASING TYPE :
 CASING THICKNESS:

LOGGING UNIT : 1319
 FIELD OFFICE : DDI
 RECORDED BY : DAVE

BIT SIZE : 6.25
 MAGNETIC DECL. : 0
 MATRIX DENSITY : 2.71
 NEUTRON MATRIX : LIMESTONE

BOREHOLE FLUID : MUD
 RM :
 RM TEMPERATURE :
 MATRIX DELTA T : 49

FILE : ORIGINAL
 TYPE : 8144A
 LGDATE: 05/16/18
 LGTIME : 12:20:
 THRESH: 99999

N 37°5' 9.13"
 W -101° 2' 59.99"

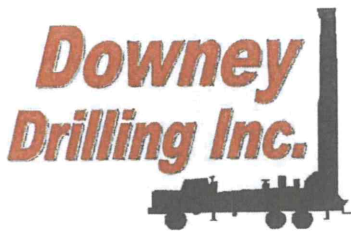
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

ELEV. = 3251'

APPROX SWL = 300'

WELL LOG

DATE: 5/15/2018



#2

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

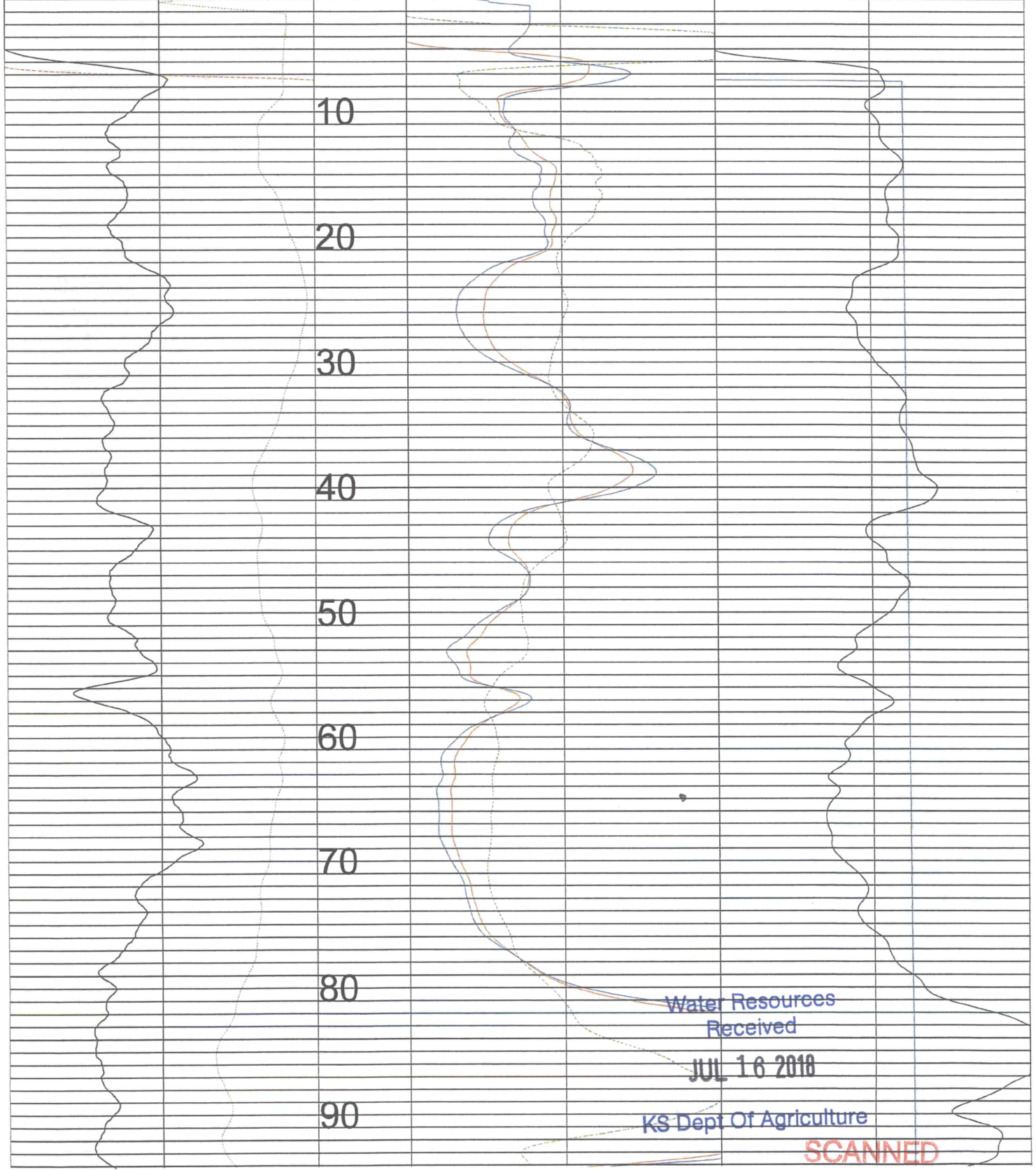
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	0	1	SANDY TOP SOIL	SOFT	DARK	FAST		SMOOTH
	1	35	SILTY CLAY WITH A TRACE OF SILT	SOFT	TAN	FAST		SMOOTH
X	35	60	SILTY CLAY AND SILT	SOFT	TAN	FAST		SMOOTH
	60	96	SILTY CLAY	SOFT	TAN	FAST		SMOOTH
X	96	127	FINE SAND, SOME MEDIUM SAND, AND SOME SILTY CLAY	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	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	SOFT	RED	FAST		CHATTER
	314	328	SILTY CLAY	FIRM	TAN	SLOW		SMOOTH
X	328	336	FINE-MEDIUM-COARSE SAND	FIRM	RED	FAST		CHATTER
	336	368	FINE-MEDIUM SAND AND SANDY CLAY	SOFT	TAN	FAST		CHOPPY
	368	406	FINE-MEDIUM-COARSE SAND AND FINE-MEDIUM GRAVEL	SOFT	RED	FAST		CHATTER
	406	428	FINE-MEDIUM SAND	SOFT	RED	FAST		SLIGHT CHATTER
	428	446	FINE SAND AND CLAY	FIRM	LT GRAY	SLOW		SMOOTH
X	446	496	FINE-MEDIUM-COARSE SAND AND FINE-MEDIUM GRAVEL	SOFT	RED	FAST		CHATTER
	496	515	FINE-MEDIUM-COARSE SAND AND FINE-MEDIUM GRAVEL	SOFT	RED	FAST		CHATTER
	515	550	SHALE					

302'
SWH
12
8
32
38
22
50
19
181'

Water Resources
Received
JUL 16 2018
KS Dept Of Agriculture

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RES(FL)	FEET	LATERAL	TEMP
0	0	0	70
OHM-M	10	OHM-M	DEG_F
SP		RES(64N)	
-50	50	0	10060
MV		OHM-M	RES
GAMMA		RES(16N)	
0	200	0	1000
API-GR		OHM-M	OHM
			100

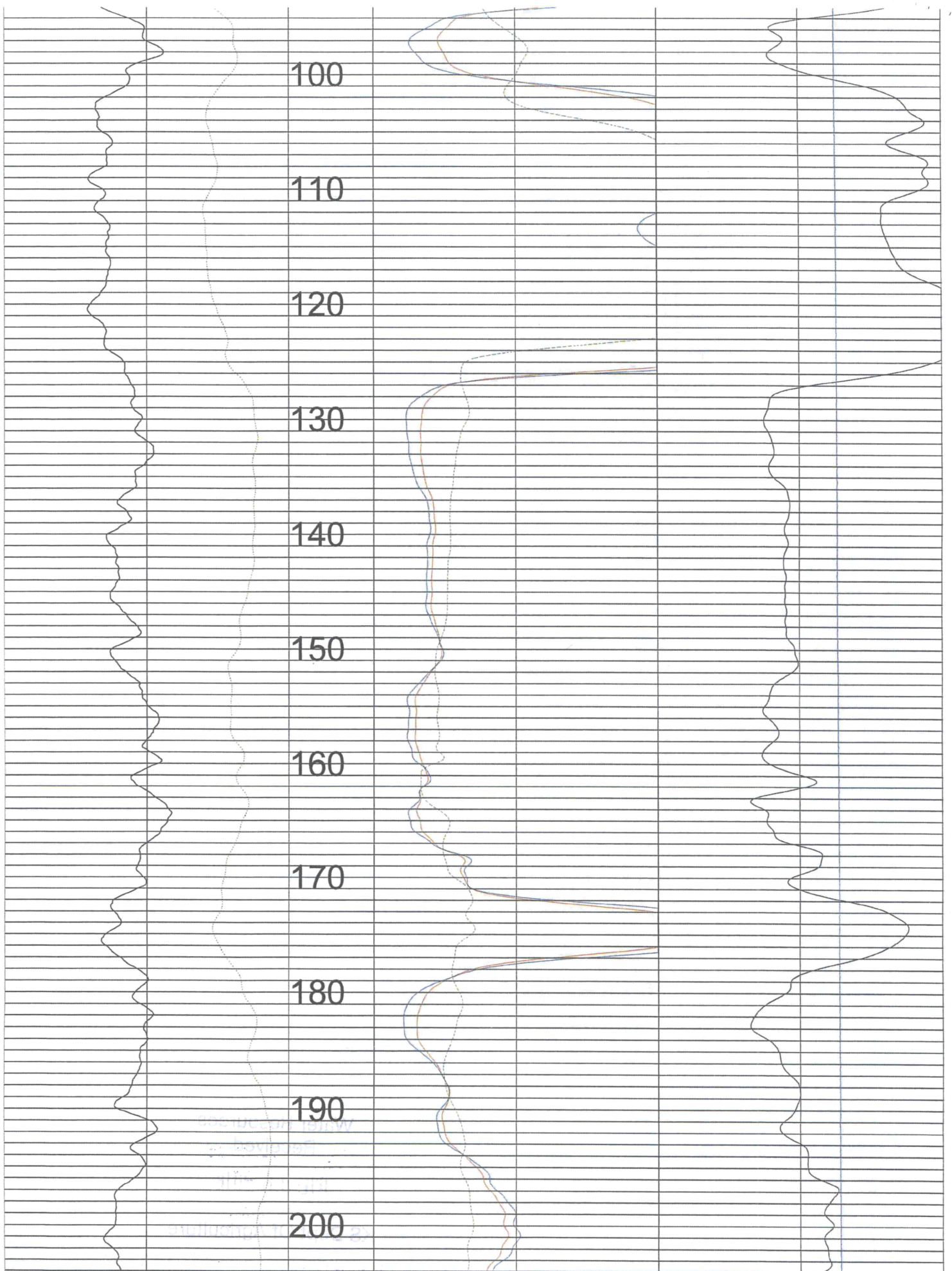


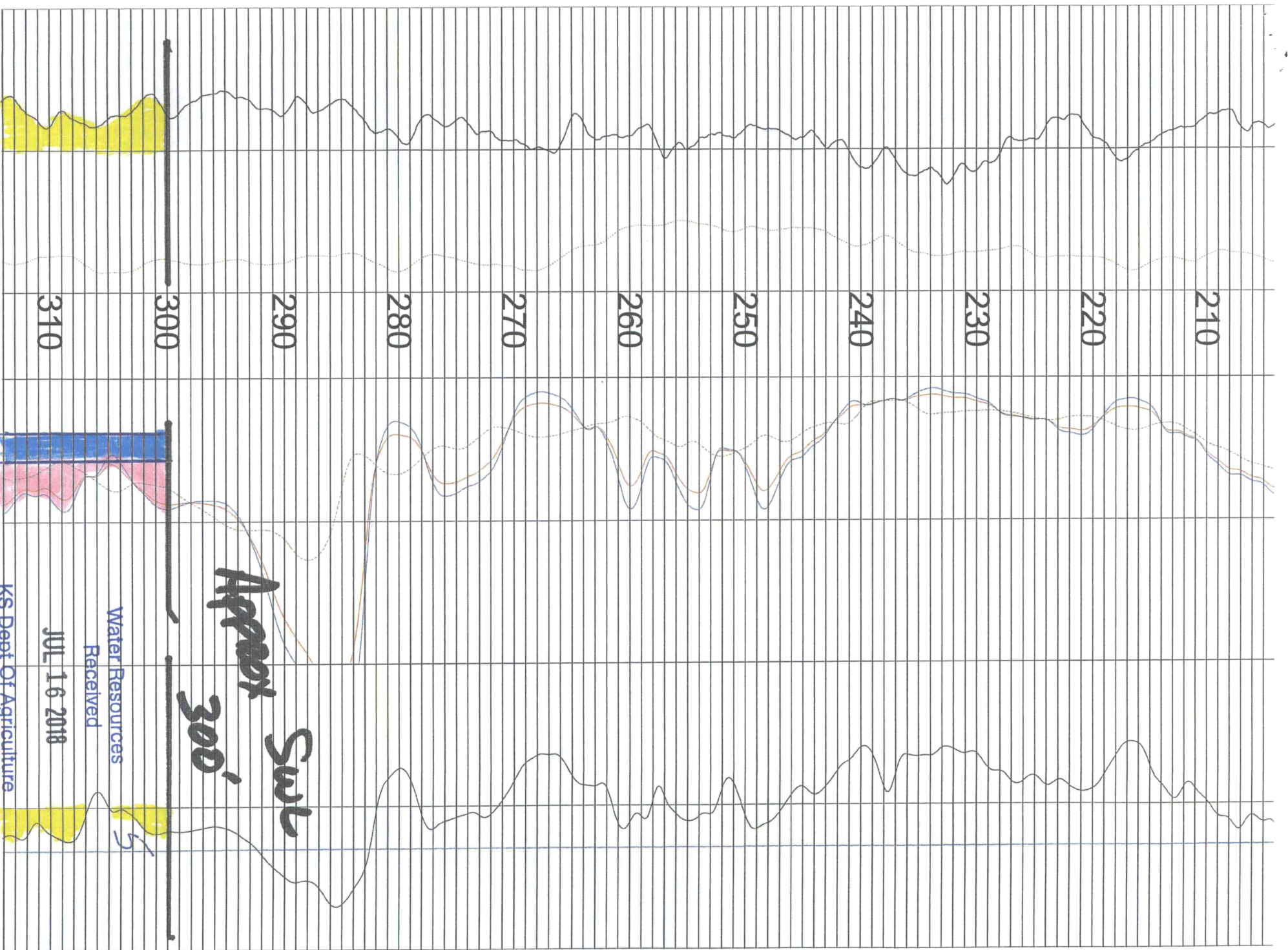
Water Resources
Received

JUL 16 2018

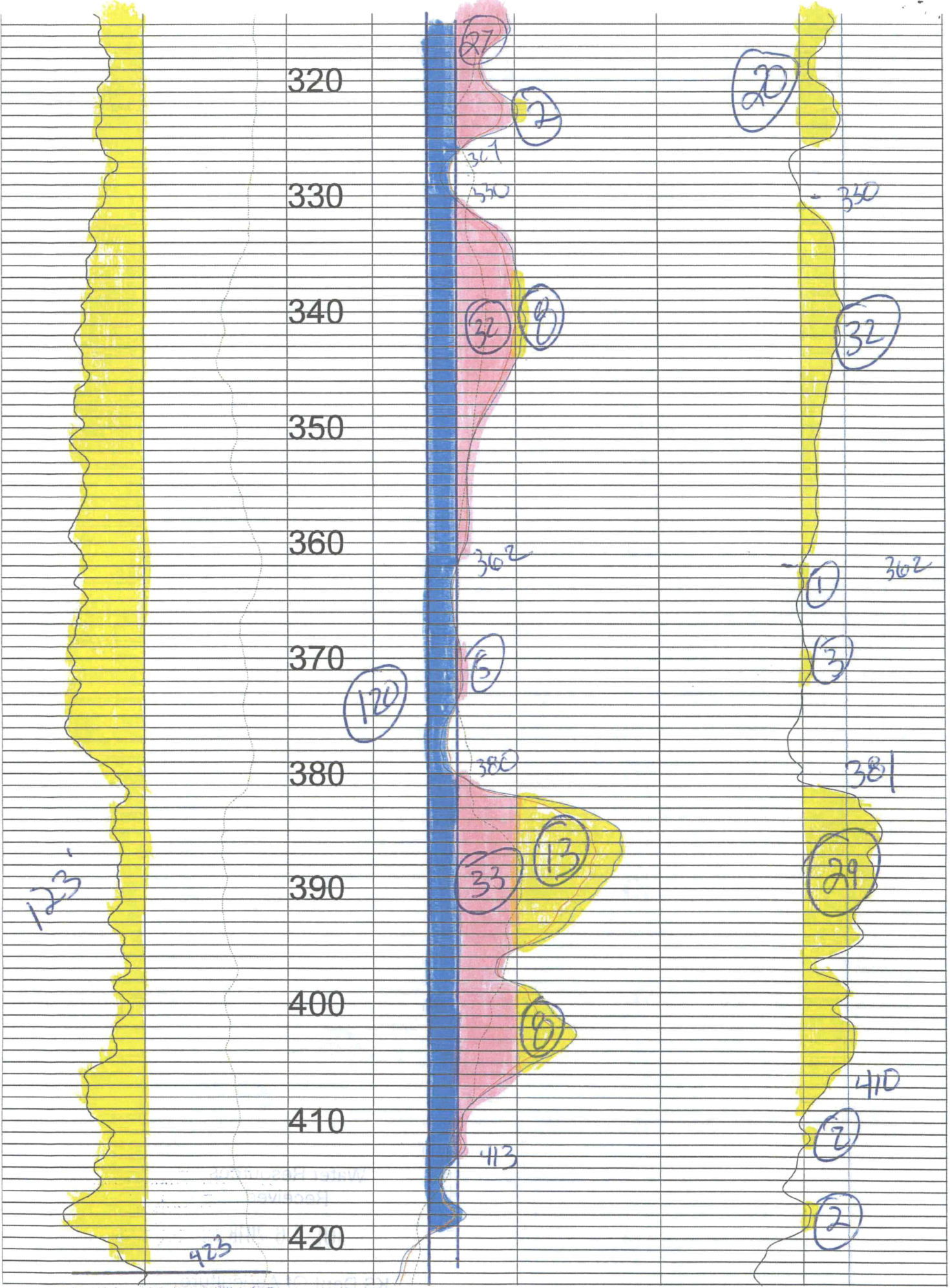
KS Dept Of Agriculture

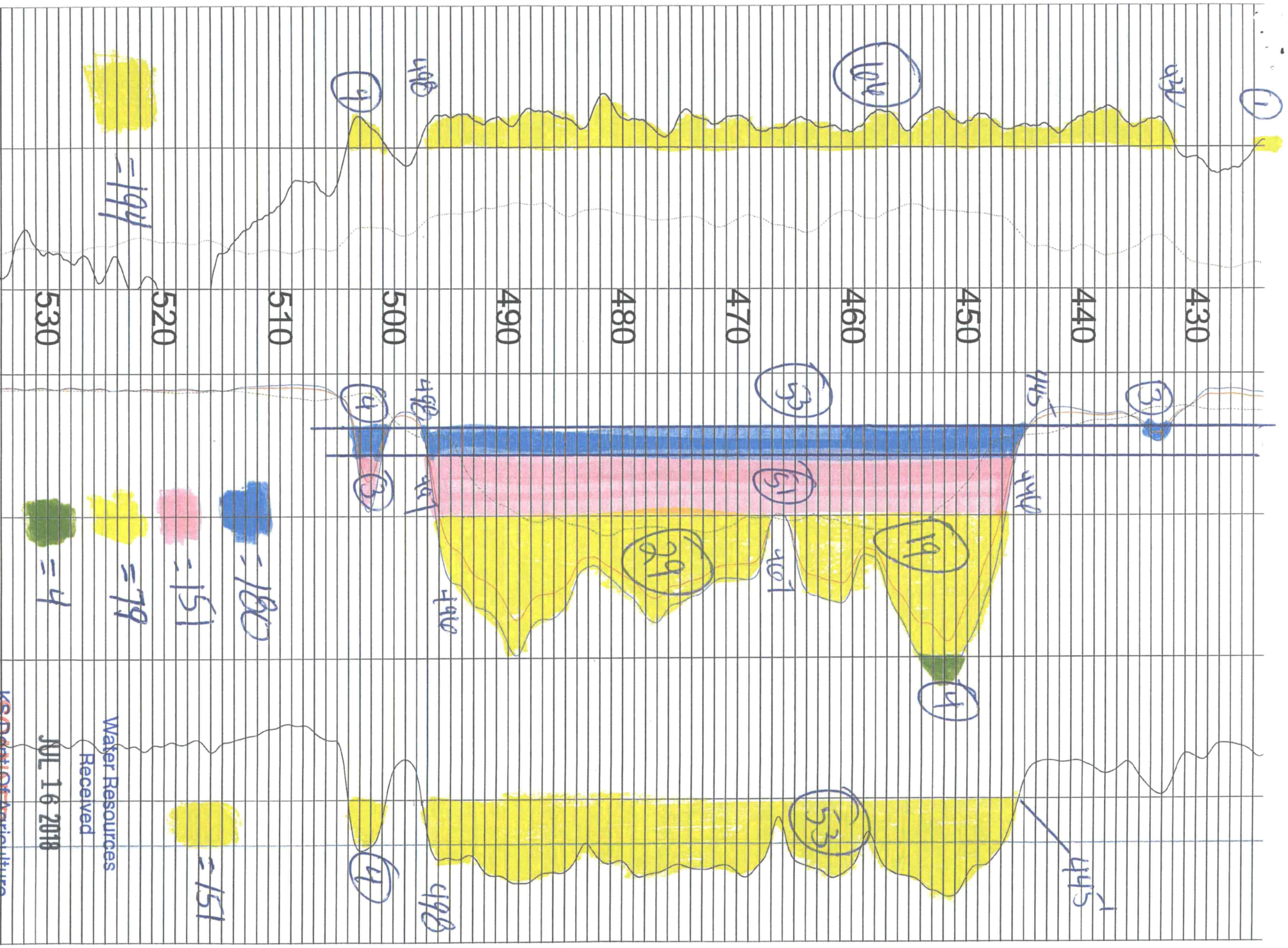
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Water Resources
 Received
 JUL 16 2018
 KS Dept Of Agriculture
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TOOL CALIBRATION G+AG INC 05/16/18 12:20
TOOL 8144A TM VERSION 1
SERIAL NUMBER 365

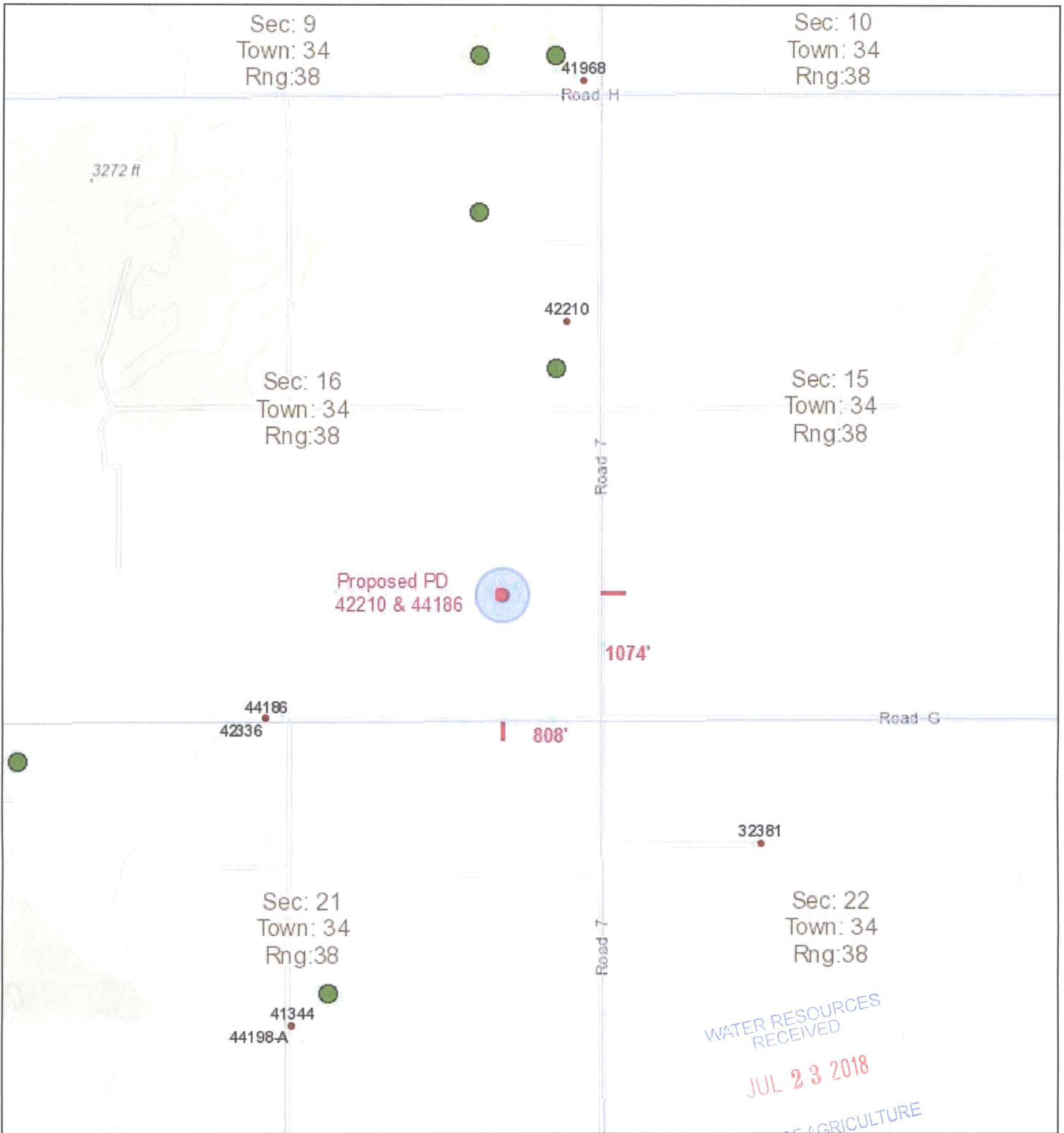
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	Feb20,18	08:50:45	TEMP	102.300	[DEG_F]	270930.000	[CPS]
7	Feb20,18	08:59:07	RES	0.000	[OHM]	4432.000	[CPS]
	Feb20,18	08:59:07	RES	943.000	[OHM]	173223.000	[CPS]

Water Resources
Received

JUL 16 2018

KS Dept Of Agriculture
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42210 & 44186 PD Change



May 23, 2018

DISCLAIMER: This map is not intended for conveyances, nor is it a legal survey. The information is presented on a best-efforts basis, and should not be relied upon for making financial, survey, legal or other commitments.

Legend

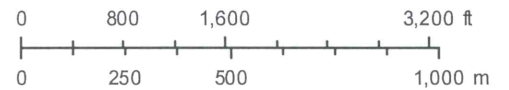


- | | | | | | |
|---|-----|---|-----|---|-----------------|
| + | CON | ★ | IND | ? | Empty |
| ⊠ | DEW | ▲ | MUN | ● | WWC5 WELLS GMD3 |
| ⚠ | DOM | ⚑ | REC | □ | Sections |
| ⚙ | FPR | ⊗ | STK | | |
| ⚙ | HYD | ⚡ | THX | | |

Wells

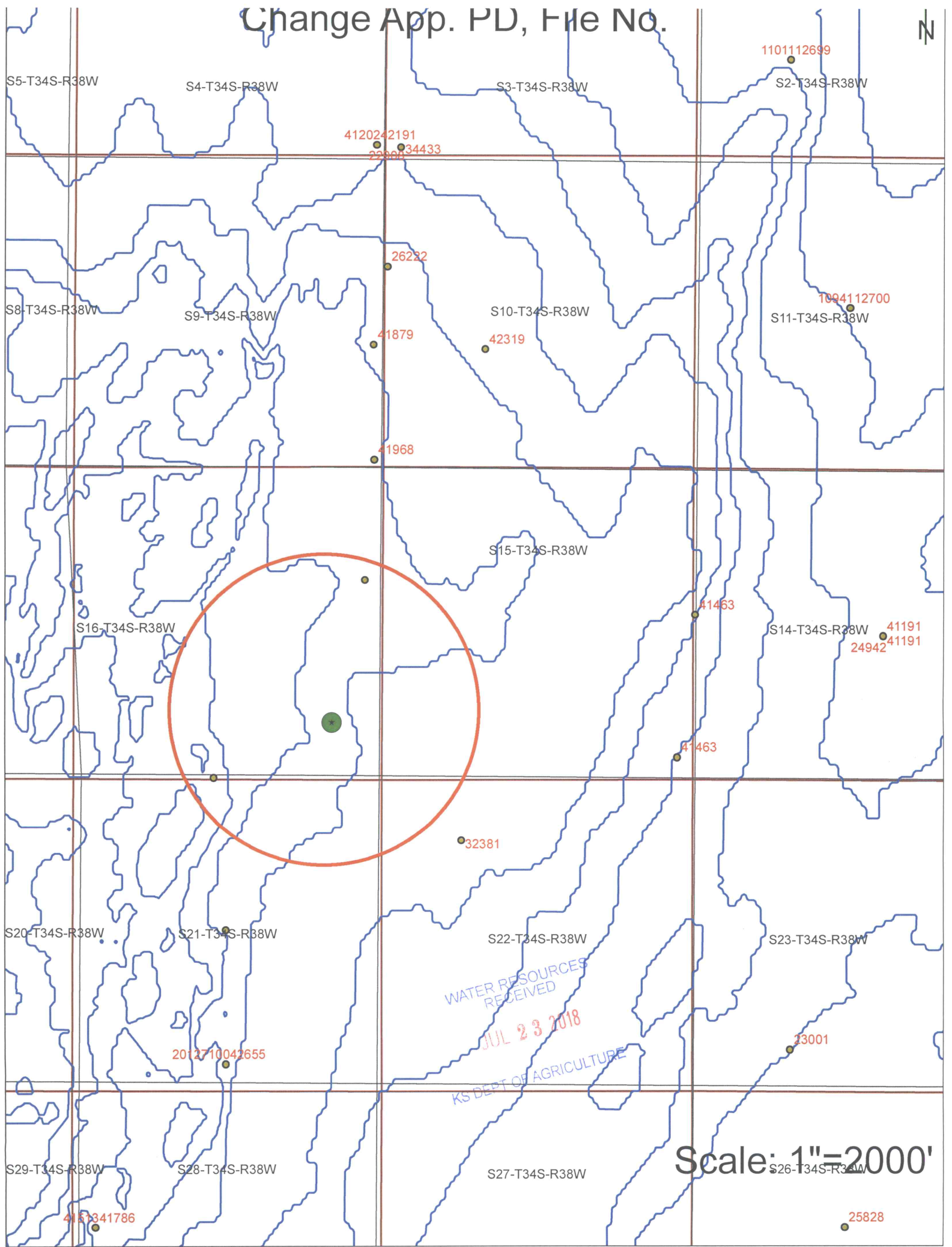
- ? Other
- IRR

1:18,056



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community

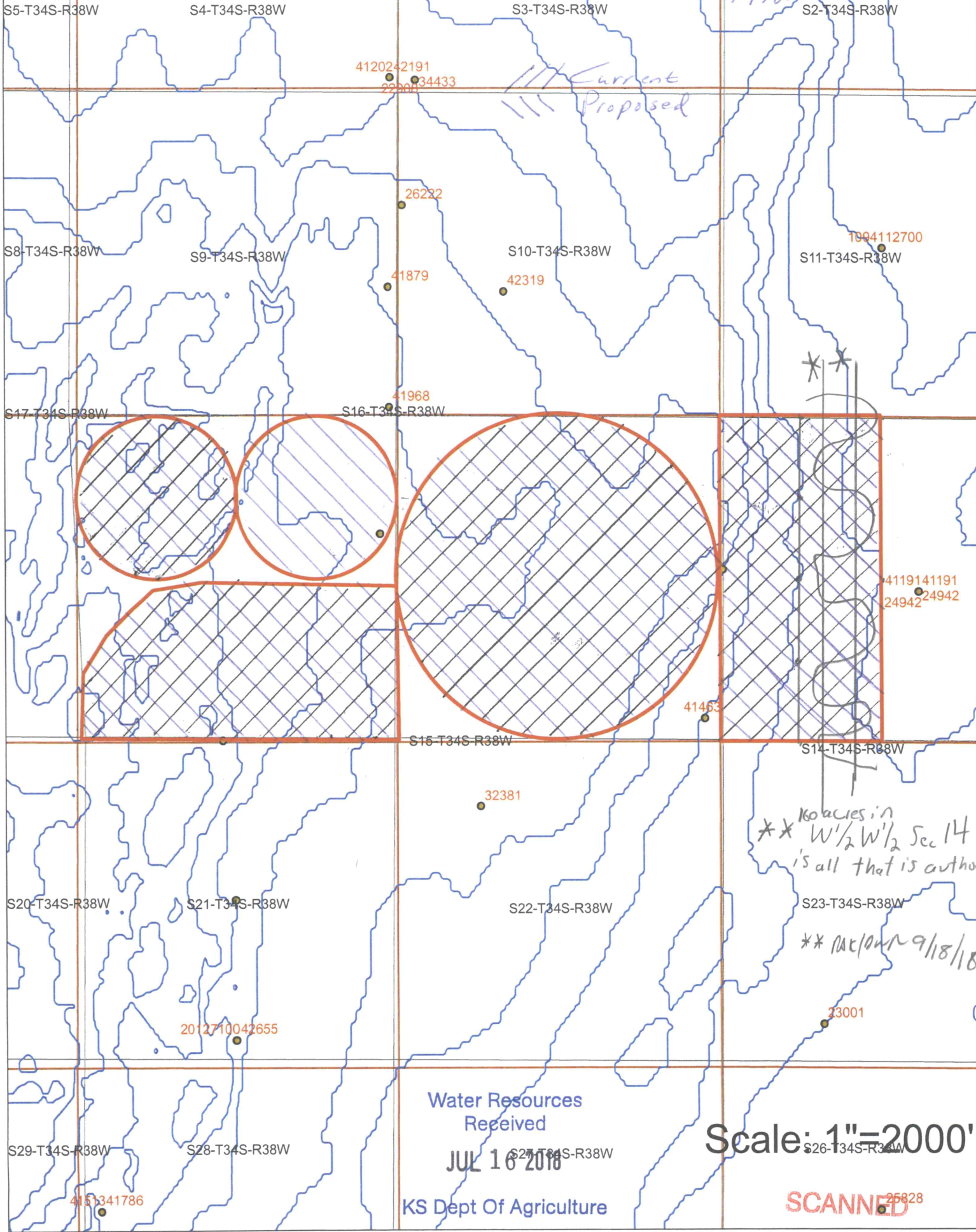
Change App. PD, File No.



Scale: 1"=2000'

Change App. PD, File No.

41463, 42336 N
110112699
44186



Water Resources
Received

JUL 16 2016

KS Dept Of Agriculture

Scale: 1"=2000'

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