

January 2018- December 2022

# Garden City Company WCA

Water Conservation Area Management Plan

## Water Conservation Area Executive Summary

**WCA Acres:** 15578.97

**Number of IRR Water Rights:** 42

**Number of IRR Wells:** 49

**Historical Period:** 2006-2015

**Prior Conservation:**

- The Garden City Company owns shares of the Great Eastern Irrigation Association. This allows them to, when available, pump surface water from ditches for irrigation. The use of this surface water has contributed approximately a 44% reduction from annual authorized quantity.

**WCA Allocation:**

- Total WCA allocation of 56,689.943 AF or 11,337.989 AF/Yr,
- 15% reduction from the 2006-2015 average use of 13,338.810 AF

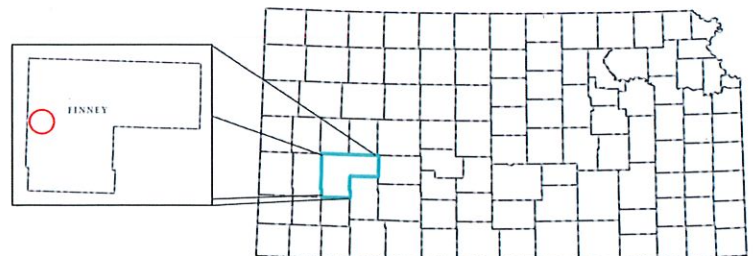
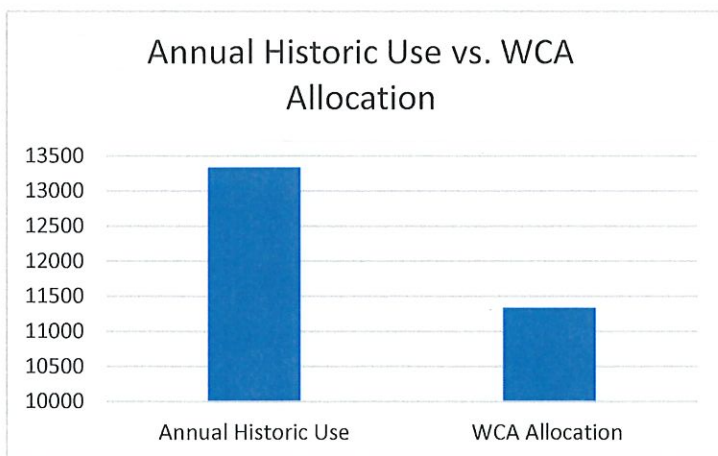
**Corrective Controls- Flexibilities requested exceeding base water right**

- The sum of all water rights are limited to their annual authorized quantities and diversion rates.
- All water rights are limited to 56,698.943 AF during the five-year WCA.
- An additional 6,669.41 AF is being requested if surface water is not available. Limiting themselves to a total of 63,359.35 AF (5% conservation factor from recent historical use).

**Total Water Conserved Over WCA Period (based on historical use):** 10,004.11 AF

WCA Allocation vs. Historical Use Graph

WCA County Map





## MANAGEMENT PLAN

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### For the Designation of a Water Conservation Area (WCA) Garden City Company (GCC) 2018 WCA; Finney and Kearny Counties, KS January 2018 through December 2022

In order to conserve and extend the productive life of the aquifer in our region and increase the value and viability of our water rights and water resources for future generations we, the undersigned water right owners propose the following management plan, pursuant to K.S.A. 82a-745 (WCA Law), to form the basis of a Consent Agreement and Order Designating a Water Conservation Area (WCA).

#### Expression of Conservation Goals

Local water right owners in northern Finney and Kearny counties are seeking ways to further the proper management of the groundwater resources of the area to prevent future economic deterioration by reducing the rate of decline in the Ogallala aquifer in this region. Some areas of this region have seen declines of more than 60 to 70 feet in the water table over the past ten years. By reviewing past water use and its impact on water levels, data show that a reduction in use will significantly extend the life of the aquifer in this area.

The goals of this WCA are to maintain production while enhancing profitability per acre-foot of water pumped, to examine and change current conservation practices as necessary, and to reduce water use over the term of the WCA from long-term averages. Water right owners enrolling in a consent agreement under the terms and conditions of this WCA management plan will work towards these goals by exercising more flexible and efficient use of the water resource.

We, the water right owners are consenting to the terms and conditions of this WCA and commit to reducing water use through a reduction in the long-term water use average (2006-2015) by a conservation factor of 15%. We, the water right owners are committing to this WCA and recognize that current water use may not be sustainable for the long term and desire to reduce water use below long-term averages.

#### Water Rights Enrolled and Geographic Boundaries

This WCA shall include the water rights listed in the attached document. This list includes details of all points of diversion associated with those water rights; as well as legal descriptions of the locations of the points of diversion and/or identification numbers.

The current total appropriations authorized for all water rights included in this WCA are 30,304 acre-feet (AF) per year, with an average annual use during the period 2006-2015 of 13,338.810 AF. With a 15% reduction from the historical annual average use, the five (5) year WCA allocation is 56,689.943 AF.

The geographic boundary for this WCA is shown on the attached map(s) and attached table defined by legal locations. This table includes total acres and legal definitions by section, township, and range of the WCA boundary.

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## Findings Regarding Groundwater Conditions

We understand that the WCA Law requires a finding that one of the following circumstances be present within the area geographic boundaries of this WCA; specified in K.S.A. 82a-1036 (a) through (d):

- a) Groundwater levels in the area in question are declining or have declined excessively;
- b) The rate of withdrawal of groundwater in the area equals or exceeds the rate of recharge within such area;
- c) Preventable waste of water is occurring or may occur within the area in questions; or
- d) Unreasonable deterioration of the quality of water is occurring or may occur within the area in question

and amendments thereto, exist, or include a finding or findings that the area within the geographic boundaries described in paragraph (1) has been closed to new appropriations by rule, regulation or order of the Chief Engineer.

We have been informed that the following conditions exist:

- Groundwater levels in the area in question are declining or have declined excessively; Water levels in some areas of northern Kearny and Finney counties have declined more than 60 to 70 feet from 2006 to 2015.
- The rate of withdrawal of groundwater in the area exceeds the rate of recharge.

These conditions suggest the advisability of implementing this WCA.

See the attached maps and figures supporting these findings and observations. Such attached documents may include:

- Maps with WCA geographic boundaries defined- **Attachment A, B, C, D, E & F**
- Detailed table with description of WCA geographic boundaries- **Attachment G**
- Summary of water rights with description of legal locations- **Attachment H**
- KGS Observation well(s) data- **Attachment I, J, K, L, M, N, O, P, Q, R, S, T, U, V**

Per the Corrective Control Provisions and Plan for Conservation section, under this WCA management plan no water right, or point of diversion, is allowed any additional authorities than is currently authorized in the base water right. Therefore, it is determined that no further analysis, to determine possible impairments, needs to be completed for this WCA.

## Due Consideration for Past Conservation

We acknowledge that as described in the law, a water conservation area (WCA) management plan shall give due consideration to water users who have previously implemented reductions in water use resulting from voluntary conservation measures.

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The Garden City Company owns shares of the Great Eastern Irrigation Association (Great Eastern Irrigation Ditch) and Kearny County Farmers Irrigation Association (Amazon Irrigation Ditch) to irrigate portions of land the Company owns. This surface water, when available, allows Garden City Company tenants to irrigate land out of the ditch system rather than drawing water from the Ogallala Aquifer. The use of surface water for irrigation has contributed to reduce recent groundwater use that on average totals to approximately 44 percent of the annual authorized quantity.

However, because surface water can be unreliable as a source of irrigation water, we the water right owners request that in any year in which surface water is not available, verified by annual water use reports, that previous conservation of Ogallala groundwater resources through the use of surface water be considered for possible additional WCA allocations.

We would like to request a flexible amount of water be available during verified years of no surface water availability. We would like to request an additional maximum amount of up to 6,669.41 acre-feet to be applied to this WCA should the need ever arise. If the need does arise to use all the WCA allocation, plus this additional allocation, then we are still limiting this WCA to 63,359.35 acre-feet (5% conservation factor from recent historical use) for this 5-year WCA period.

As enumerated below we, the GCC 2018 WCA owners, request that its further conservation under this plan be considered in any LEMA proposed for the area or in a subsequent WCA under the terms herein.

### Corrective Control Provisions and Plan for Conservation

We acknowledge that the following corrective controls will be in effect within this WCA during the term of the WCA period listed:

1. Water rights, at the discretion of the owners, may be pumped as directed by the owner, provided that:
  - a) All points of diversion are limited to their annual authorized quantity.
  - b) All points of diversion are limited to their annual authorized diversion rates.
  - c) The sum of water use under all water rights combined shall be limited to no more than 56,689.943 acre-feet (AF) every five (5) years.
  
2. The corrective control provisions of this WCA cannot conflict with the rules and regulations of the local GMD that result in greater overall conservation of water resources. If a Local Enhanced Management Area (LEMA) plan or an Intensive Groundwater Use Control Area (IGUCA) is formed after the initiation of this WCA, and the WCA is partially or wholly within the LEMA or IGUCA, the corrective control provisions that result in the greater overall conservation of water resources based on inches per acre and not based on percent reduction of average historical use shall prevail. However, any LEMA or IGUCA must give due consideration to the conservation achieved by WCA participants pursuant to 82a-745(a)(6). The Chief Engineer is authorized to amend the provision of the WCA to conform to any rules, regulations, or requirements that result in greater conservation of the water resource subject to the foregoing due consideration for past and current conservation.

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We, the water right owners enrolling in this WCA understand we may gain the following additional incentive(s) in consideration for our WCA participation.

3. Up to the annual WCA allocation (11,337.989 AF) may be carried over and added to a subsequent WCA period after 2022; if unused during the duration of this WCA period. For the carryover quantity to be included, all owners must enter into agreement to participate in a subsequent WCA by December 31st of the last year of this WCA period. Upon review, should a subsequent WCA be entered, the potential carryover will not allow any well to exceed its annual authorized quantity or the agreed upon corrective controls.

### Compliance Monitoring and Enforcement

We, the owners, understand that the following compliance monitoring and enforcement provisions are proposed. This section also includes any specific provisions regarding measuring or reporting water usage.

There are 14 recognized observation well(s) within one (1) mile of this WCA boundary that have for many years been measured annually by the Kansas Geological Survey (KGS). See attached maps for locations. The well(s) will continue to be measured annually and the data collected will help in evaluating the effectiveness of the WCA. An onsite observation well may be necessary to monitor the local water level more accurately.

We will submit an annual report no later than March 1st and maintain a spreadsheet detailing the following information for each well and all wells combined: beginning and ending meter readings, quantity of water diverted, acres irrigated, the inches per acre, and the quantity of water remaining for the WCA period listed. These records will be available to KDA-DWR upon request.

We will ensure backup measurements will be supported or an alternate measurement device will be available to be put into service in case the water flowmeter record for any given well is questionable or not reliable.

We acknowledge that water flowmeters within the WCA will be sealed to the measurement chamber by KDA-DWR during the duration of this management plan to ensure an accurate water use record.

We, water right owners within this WCA shall be responsible for ensuring the water flowmeters comply with state and local law(s). Any water right owner or authorized designee who finds a flow meter that is inoperable or inaccurate shall within 48 hours contact the KDA-DWR concerning the matter. Whenever an inoperable or inaccurate meter is repaired or replaced, the owner or authorized designee shall notify the KDA-DWR within seven (7) days on a form prescribed by the Chief Engineer of the water flowmeter installation and any water flowmeter repair or replacement event.

We acknowledge that failure to abide by the terms of this agreement may result in the termination of the WCA. Failure to abide by the terms, conditions, and limitations of the individual water rights will be subject to the civil penalties outlined in K.A.R. 5-14-10 and K.A.R. 5-14-12.

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## Review of Effectiveness

We acknowledge that a review of this WCA shall be completed prior to November 1st of the final year of the WCA period listed to ensure the above terms remain appropriate and are achieving the stated goals of this WCA. Should the Chief Engineer find that the terms are no longer appropriate or that no progress has been made towards the stated goal, the Chief Engineer may refuse to renew a WCA and may suggest new terms and goals. We understand that upon review, and a finding by the Chief Engineer that the WCA has achieved or made progress towards its goals and that the same terms be included in a subsequent WCA for another designated period. The terms of the WCA may be continued as long as this WCA is in good standing with its most recent WCA period and upon formal approval by the Chief Engineer. The Chief Engineer shall issue findings addressing the terms and goals of the existing management plan prior to any renewal of a subsequent WCA.

We acknowledge that unless terminated under the provisions below (e.g. due to the development of a LEMA), the WCA will be in effect for the listed period with an evaluation at the end of every WCA period. We understand that KDA-DWR will conduct this evaluation to ensure compliance and conservation. The evaluation will determine total water use during the WCA period.

We acknowledge that should an order of designation for a LEMA be implemented prior to end of this WCA period, an evaluation of this WCA will be conducted the year prior to the start of a LEMA. This evaluation may be used to determine an additional allocation amount of water to be carried over into a LEMA; should this be the case.

## Member addition, withdrawal, and removal

We acknowledge that the water right owners and their associated water right(s) and geographic boundaries may be added to the WCA upon written notification to the Chief Engineer by the owners of each enrolling water right with legal descriptions of the areas to be added. A member may withdraw from the WCA through written notification to the Chief Engineer signed by the owners of the participating water right or rights to be withdrawn from the WCA.

If the addition or withdrawal of water rights requires modification to the water allocation quantities, geographic boundaries, places of use, terms, or conditions of the original WCA, the management plan shall be revised to incorporate such changes and the associated consent agreement shall be reaffirmed by all parties, after opportunity for comment on the proposed revisions by the applicable GMD.

## Termination

We acknowledge this WCA agreement may be terminated by written notification, signed by all then-existing members of the WCA, to the Chief Engineer of the intent to terminate.

We also acknowledge that the Chief Engineer may terminate this WCA upon findings that it is not being upheld to its terms. Such termination shall give notice and require a full evaluation of the WCA and water rights associated to ensure follow up actions.

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### State Law

We acknowledge that this WCA is subject to compliance with all other applicable state laws.

### Notification to Nearby Owners

We acknowledge that, by statute, the Chief Engineer is required to provide written notification to all water right owners with a point of diversion within ½ of a mile, or farther if deemed necessary, by a rule and regulation of the Chief Engineer, of the geographic boundaries of this WCA.

### Assurances

We acknowledge this WCA will not alter the terms, conditions, and limitations of the base water rights.

### Review of Other Applicable Requirements

We acknowledge that upon review, this WCA management plan was found to effect equal or greater overall conservation than applicable GMD regulations, LEMA, and IGUCA requirements.

### Participant's Agreement

By signing below, we, the water right owners, agree that this management plan is fair and equitable. This management plan, provided to the Chief Engineer and water right owners, is the expressed written intent of the parties and the whole agreement between the parties. We, the water right owners agree to be bound by all the terms contained in this management plan and understand that the provisions of this agreement shall be construed to give effect to the provisions listed. We, the water right owners also agree that this management plan is the basis for a consent agreement among the Chief Engineer and the undersigned water right owners, and therefore any order and consent agreement issued by the Chief Engineer, designating this WCA, shall be binding upon all parties as the necessary formal implementation of this management plan.

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**FOR THE PARTICIPANTS:** All participating water right owner(s) signing below, affirm their approval of this WCA management plan and if approved by the Chief Engineer allow consent to the Chief Engineer to formally approve the designation of this Water Conservation Area, described herein, by means of a Consent Agreement and Order.

Troy J. Dumler Date: 5-30-19

THE GARDEN CITY CO- Representative – Troy Dumler (Signature)

Water Right No(s). KE-14, FI-88, FI-95, FI-171, FI-183, FI-186, FI-188, FI-189, FI-190, FI-192, FI-196, FI-197, FI-198, 390, 2405, 2406, 2407, 2410, 2411, 2413, 2827, 7193-D1, 7193-D2, 7193-D4, 7193-D7, 7193-D9, 7193-DA, 7193-DB, 7193-DC, 7193-DE, 7193-DG, 3194, 7415-D2, 7415-D4, 8940, 17230, 17231, 18806, 19917, 22078, 25987, 28219, 28291, 31760

PO BOX 597, GARDEN CITY KS 67846  
Full Mailing Address

troy.dumler@gmail.com 620-276-3246  
Email Address Phone Number

**ACKNOWLEDGMENT OF NOTARY**

State of Kansas )  
 ) SS  
County of Finney )  
Acknowledged before me on May 30, 2019  
by Troy Dumler  
Signature: Julie Jones  
Notary Public



My commission expires:

(Notary Seal)

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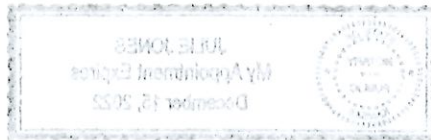
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**CERTIFICATE OF SERVICE**

I hereby certify that on this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ copies of the foregoing were sent via first class, U.S. mail, to the following:

THE GARDEN CITY CO  
PO BOX 597  
GARDEN CITY KS 67846

\_\_\_\_\_  
Kansas Department of Agriculture  
Staff Person



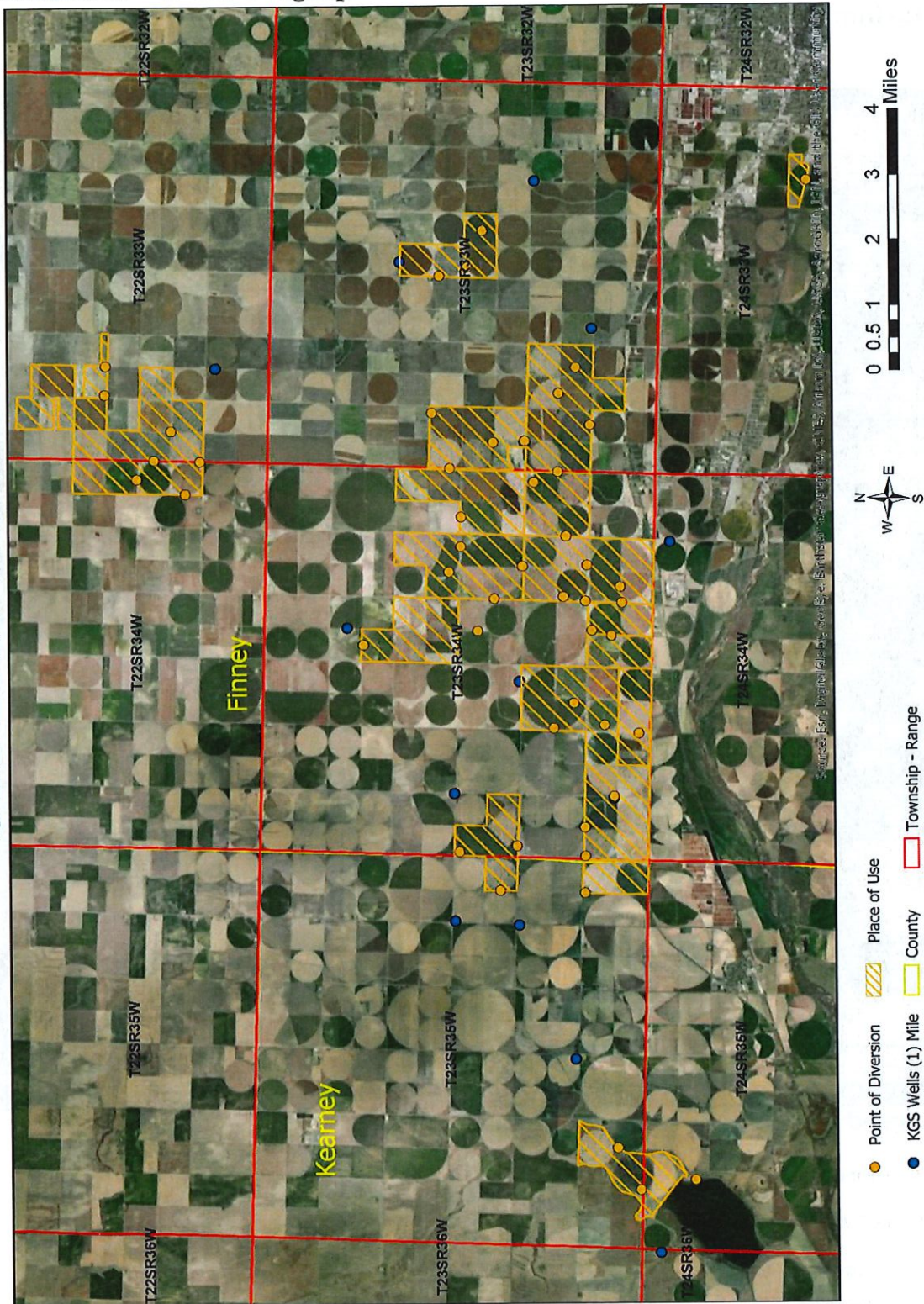
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# Attachment A – WCA Geographical Boundaries

## GCC 2018 WCA



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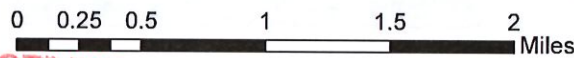
### Attachment B – WCA Geographical Boundaries (West)

### GCC 2018 WCA



**Legend:**

-  Point of Diversion
-  Place of Use
-  KGS Wells (1) Mile
-  Township - Range
-  Section

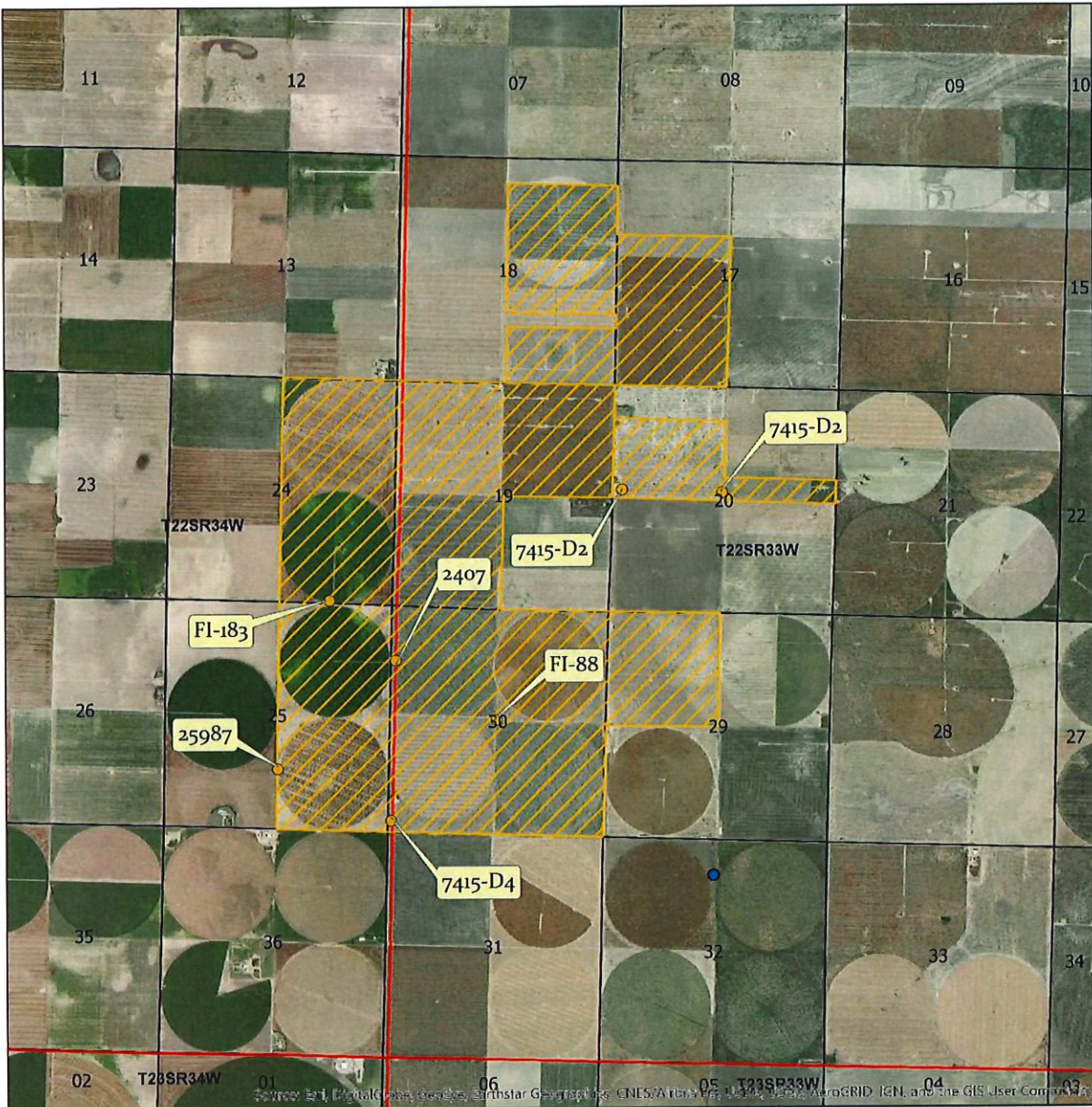


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## Attachment C – WCA Geographical Boundaries (North) GCC 2018 WCA



**Legend:**

- Point of Diversion
- KGS Wells (1 Mile)
- Township - Range
- Section
- Place of Use



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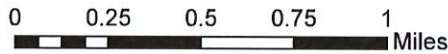
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# Attachment D – WCA Geographical Boundaries (East) GCC 2018 WCA



**Legend:**

-  Point of Diversion
-  Place of Use
-  KGS Wells (1) Mile
-  Township - Range
-  Section

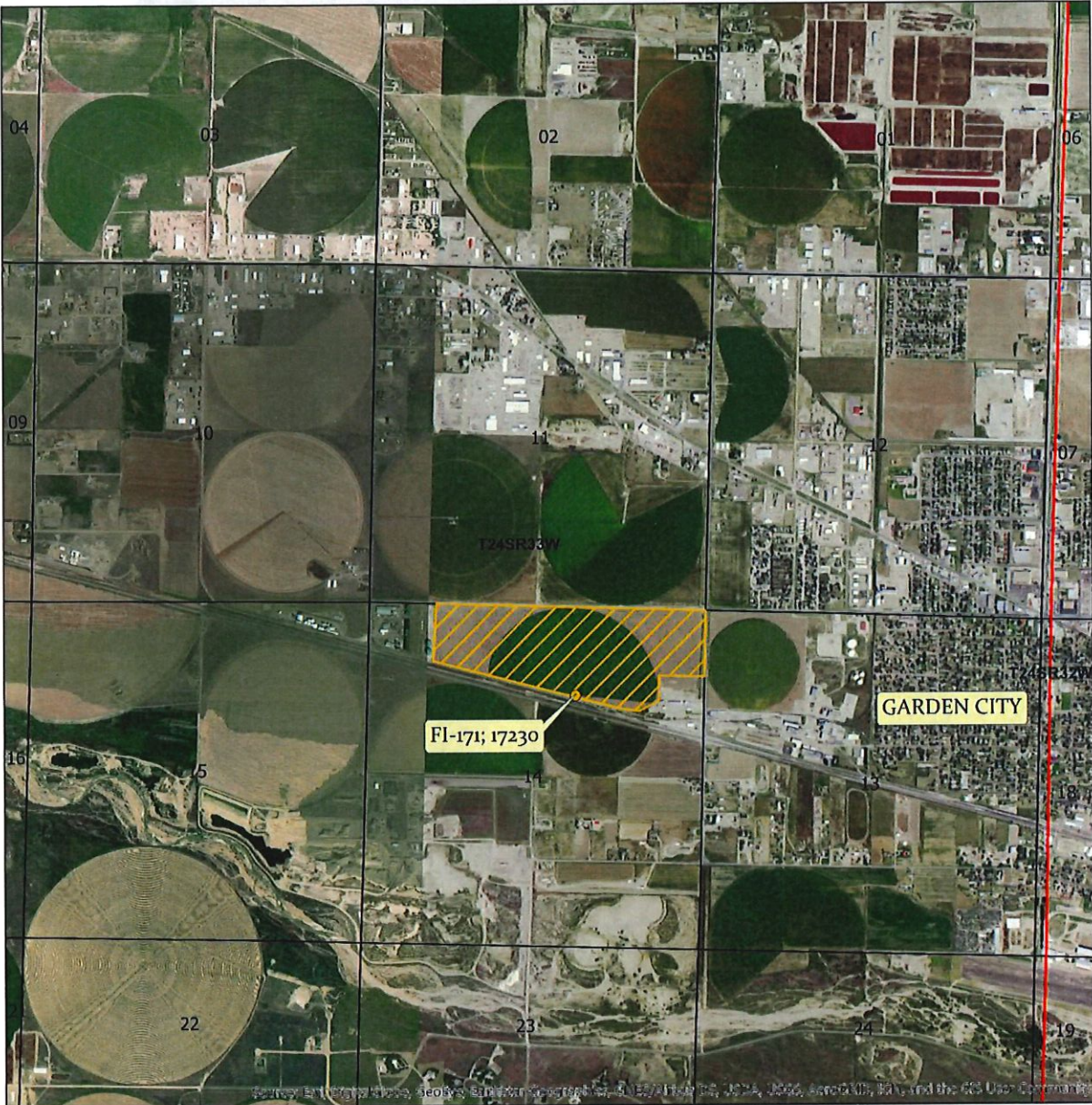


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# Attachment E – WCA Geographical Boundaries (South) GCC 2018 WCA



**Legend:**

- Point of Diversion
  - Place of Use
  - KGS Wells (1) Mile
  - Township - Range
  - Section
- 0 0.25 0.5 0.75 1 Miles



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**Attachment G – Detailed table with description of WCA geographic boundaries**

WCA Boundary																			Total Acres
Sec	T (S)	R (W)	NE (1/4)				NW (1/4)				SW (1/4)				SE (1/4)				
			NE (1/4)	NW (1/4)	SW (1/4)	SE (1/4)	NE (1/4)	NW (1/4)	SW (1/4)	SE (1/4)	NE (1/4)	NW (1/4)	SW (1/4)	SE (1/4)	NE (1/4)	NW (1/4)	SW (1/4)	SE (1/4)	
17	22S	33W								35	35	40	40						230
18	22S	33W	20	20	40	40								35	35	40	40		270
19	22S	33W	40	40	40	40	40	35	35	40	40								459
												L-3	L-4						
20	22S	33W			15	15	15	15	40	40									140
29	22S	33W					40	40	40	40									160
30	22S	33W	40	40	40	40	40	34	35	40	40	35	35	40	40	40	40	40	619
								L-1	L-2			L-3	L-4						
15	23S	33W					40	40	40	40	40	40	40	40	40	40	40	40	320
18	23S	33W										35.01	35.15	40	40	40	40	40	310.16
												L-3	L-4						
19	23S	33W	40	40	40	40	40	35.27	35.4	40	40	35.54		38.7	40	40	40	40	584.91
								L-1	L-2			L-3							
22	23S	33W	40	40	40	40	40	40	40	40									320
29	23S	33W	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	640
30	23S	33W	40	40	40	40	40	35.78	35.86	40	40	35.94	36.02	40	40	40	40	40	623.6
								L-1	L-2			L-3	L-4						
32	23S	33W					40	40	40	40									160
14	24S	33W	36	40	5	4	35	10											130
24	22S	34W	40	40	40	40								40	40	40	40	40	320
25	22S	34W	40	40	40	40								40	40	40	40	40	320
10	23S	34W									40	40	40	40					160
13	23S	34W	40	40	40	40								40	40	40	40	40	320
14	23S	34W	40	40	40	40					40	40	40	40	40	40	40	40	480
15	23S	34W	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	640
19	23S	34W					40	38.41	38.41	40	40	38.43	38.43	40	40	40	40	40	473.68
								L-1	L-2			L-3	L-4						
23	23S	34W	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	640
24	23S	34W	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	640
25	23S	34W	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	640
26	23S	34W	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	640
28	23S	34W	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	640
31	23S	34W	40	40	40	40	40	38.19	38.17	40	40	38.15	38.13	40	40	40	40	40	632.64
								L-1	L-2			L-3	L-4						
32	23S	34W	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	640
33	23S	34W	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	640
34	23S	34W	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	640
35	23S	34W	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	640
24	23S	35W																	160
31	23S	35W												1	8		6.8	27	42.8
32	23S	35W	22	40	40	8	34		2	34.5	40	35.5	40	40		20	4		360
36	23S	35W	40	40	40	40								40	40	40	40	40	320
5	24S	35W		1	2		38	41.24	40	37	10	35	20						224.24
				L-2			L-3	L-4											
6	24S	35W	41.14	35	30	40				2	22.8	4	24	40	40	40	40	40	398.94
			L-1	L-2								L-6	L-7						
Grand Total Acres																		15578.97	

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## Attachment H – Summary of water rights with description of legal locations

WR #	PDIV#	Location (Qtr)	Location (Sect, Twn, Range)	Historical Period	Auth. Quantity	Avg. Use (AF)
FI-188	72244	SW NW SW	25-23-34	06-15	640	284.3197
FI-189	76958	NC NE NE	25-23-34	06-15	640	293.9725
FI-198	32937	NW NW NE	34-23-34	06-15	960	250.3078
KE-14	74840	NW NW NE	36-23-35	06-15	640	214.9609
2406	69978	SE NW SE	29-23-33	06-15	890	350.9881
19917	86026	CN SW	29-23-33	06-15	240	189.6002
7193-DG	19248	LOT 2 SW NW	30-23-33	06-15	950	258.5643
7193-DG	70113	SW SE SE	30-23-33	06-15	1050	308.5676
390	66767	CN NW NW	22-23-33	06-15	640	162.4292
3194/17233	82267	NW SE NE	22-23-33	06-15	657	219.1542
FI-171/17230	72540	SW NW NE	14-24-33	06-15	260	116.0722
FI-95	31130	SW NW SW	15-23-33	06-15	400	254.4954
18806	83562	NW NW NE	31-23-34	06-15	640	351.8336
22078	84020	NC CW	28-23-34	06-15	634	227.1065556
7193-DA	38177	LOT 1 NW NW	31-23-34	06-15	1350	392.8042
7193-DA	84263	SW SW NW	32-23-34	06-15	1300	411.7477
FI-192/7193-D9	22795	NE SE SW	28-23-34	06-15	1108	469.0272
FI-197/7193-DB	80103	NE SW NW	33-23-34	06-15	1350	466.5878
28219	82722	NW SW SW	5-24-35	06-15	487	191.4583333
28219	9684	SE SE SE	31-23-35	06-15	695	294.935875
28219	43392	NW NW SE	32-23-35	06-15	979	390.4364
2411/7193-D2	62363	CN NW	24-23-34	06-15	1127	315.7521
7193-D2	82723	NW NE NE	23-23-34	06-15	850	216.2275
2827	81752	NW SW SE	22-23-34	06-15	823	255.3429
7193-D1	54426	NE NW SW	10-23-34	06-15	850	284.1528
8940	32231	NW SW SE	24-23-35	06-15	525	171.7235
17231	31037	LOT 4 SW SW	19-23-34	06-15	311	146.3764
28291	4831	SW SW SE	23-23-34	06-15	720	379.8436
7193-D2	79196	NW NW SW	23-23-34	06-15	850	235.2672
7193-D4	67401	NE SE SW	14-23-34	06-15	500	354.7335
FI-186	86715	SW NW NW	19-23-34	06-15	640	183.6216
2407	12840	NC W2 W2 NW	30-22-33	06-15	480	12.46633333
25987	44951	CW SE	25-22-34	06-15	640	230.1501
7415-D4	3227	LOT 4 SW SW	30-22-33	06-15	500	171.9205
FI-183	83308	SE SW SE	24-22-34	06-15	640	251.3899
FI-196/7193-DB	50777	NW SW SW	33-23-34	06-15	1237	477.965
FI-88	41490	SW SW NE	30-22-33	06-15	1280	442.1026
2410	70112	NW NW SW	35-23-34	06-15	1320	468.6434
2413	85014	SW SW SE	26-23-34	06-15	800	173.3262
7193-D7	47512	SW NW SW	26-23-34	06-15	800	96.0876
7193-DC	310	NW SW NE	34-23-34	06-15	1000	300.2639
7193-DC	81755	SW SW NE	35-23-34	06-15	1100	319.4225
FI-190	2856	SW SW SW	26-23-34	06-15	640	186.0396
2405	74693	SE SE SW	19-23-33	06-15	1215	362.3388
31760	7840	SE SE NW	19-23-33	06-15	870	379.1911
7193-DE	40356	NE NE SE	18-23-33	06-15	700	257.0936
7193-DE	79458	LOT 4 SW SW	18-23-33	06-15	950	146.7325556
7415-D2	15749	SE SE NW	20-22-33	06-15	785	127.5301
7415-D2	927	SW SW NW	20-22-33	06-15	785	293.7354

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Attachment I – KGS Observation well data located in 32-22S-33W

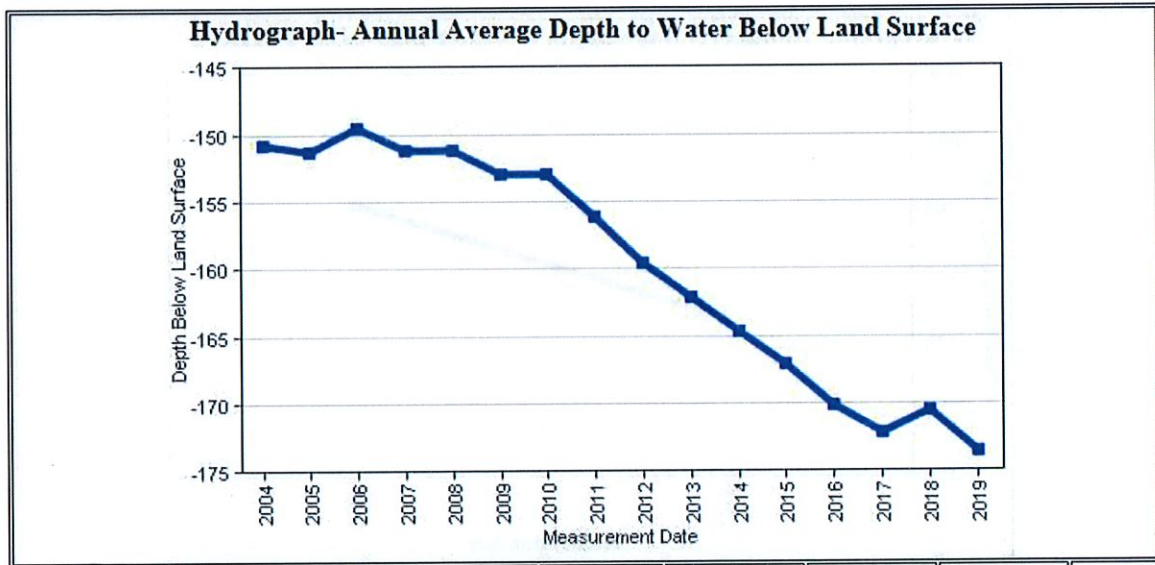
**General Well Site Information** ?

<b>USGS ID:</b>	380609100575201	<b>KGS Local Well ID:</b>	22S 33W 32ABC 01
<b>County:</b>	Finney	<b>PLSS Description:</b>	22S 33W 32 SWNWNE
<b>HUC 8 Code:</b>	11030001	<b>GMD:</b>	Southwest Kansas GMD #3
<b>Longitude:</b>	-100.965635	<b>Lat/Long Source:</b>	GPS (within 50 feet)
<b>Latitude:</b>	38.10298	<b>Lat/Long Accuracy:</b>	5 seconds
<b>Surface Elevation (ft):</b>	2894	<b>Depth of Well (ft):</b>	226
<b>Geological Unit Codes:</b>	QU TO	<b>USGS Map Name:</b>	Lowe

**Water Level Measurements** ?

380609100575201

Note that depth to water is feet below land surface and all measurements for the well are included.



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### Attachment J – KGS Observation well data located in 10-23S-33W

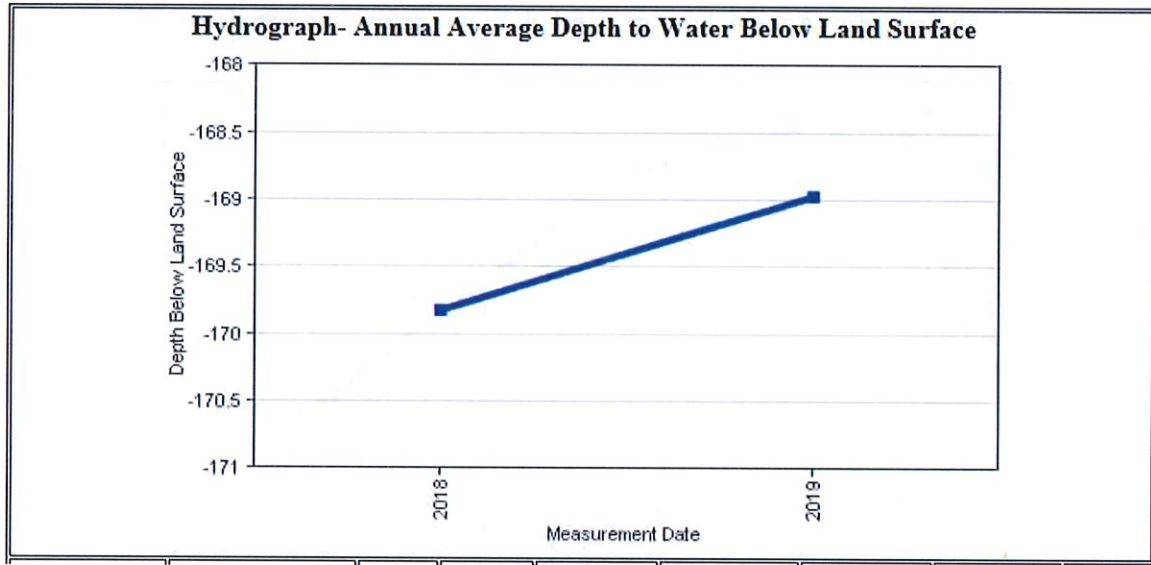
## General Well Site Information ?

<b>USGS ID:</b>	380343100560201	<b>KGS Local Well ID:</b>	23S 33W 10CCDD 01
<b>County:</b>	Finney	<b>PLSS Description:</b>	23S 33W 10 SESESWSW
<b>HUC 8 Code:</b>	11030001	<b>GMD:</b>	Southwest Kansas GMD #3
<b>Longitude:</b>	-100.934194	<b>Lat/Long Source:</b>	GPS (within 50 feet)
<b>Latitude:</b>	38.062122	<b>Lat/Long Accuracy:</b>	1 seconds
<b>Surface Elevation (ft):</b>	2882	<b>Depth of Well (ft):</b>	Unknown
<b>Geological Unit Codes:</b>	TO	<b>USGS Map Name:</b>	LOWE

## Water Level Measurements ?

380343100560201

Note that depth to water is feet below land surface and all measurements for the well are included.



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Attachment K – KGS Observation well data located in 19-23S-33W

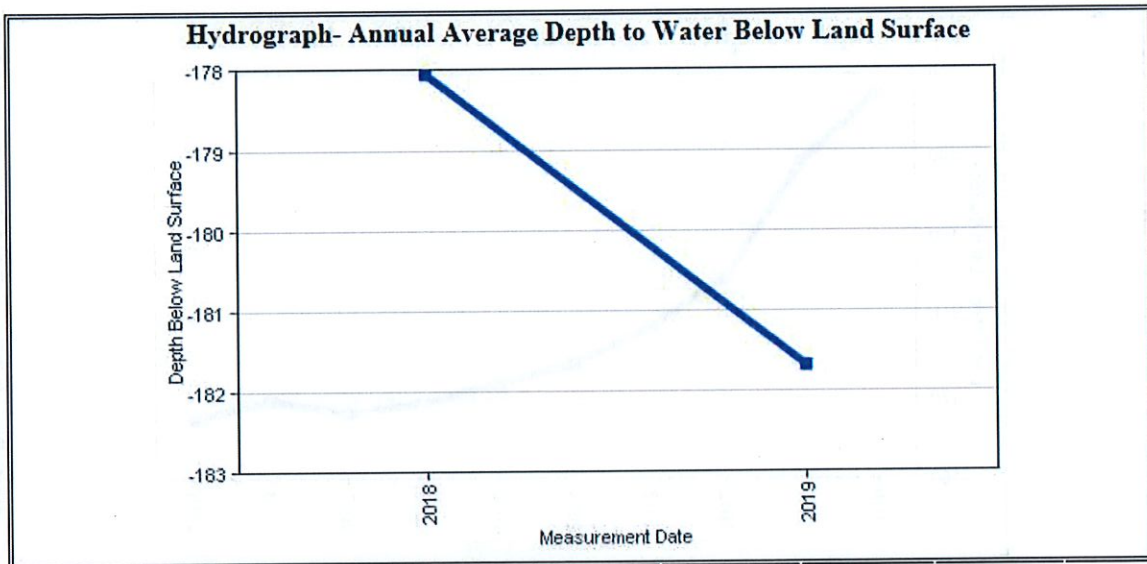
**General Well Site Information** ?

<b>USGS ID:</b>	380159100590401	<b>KGS Local Well ID:</b>	23S 33W 19DCC 01
<b>County:</b>	Finney	<b>PLSS Description:</b>	23S 33W 19 SWSWSE
<b>HUC 8 Code:</b>	11030001	<b>GMD:</b>	Southwest Kansas GMD #3
<b>Longitude:</b>	-100.984388	<b>Lat/Long Source:</b>	GPS (within 50 feet)
<b>Latitude:</b>	38.032939	<b>Lat/Long Accuracy:</b>	5 seconds
<b>Surface Elevation (ft):</b>	2910	<b>Depth of Well (ft):</b>	355
<b>Geological Unit Codes:</b>	TO	<b>USGS Map Name:</b>	Lowe

**Water Level Measurements** ?

380159100590401

Note that depth to water is feet below land surface and all measurements for the well are included.



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Attachment L – KGS Observation well data located in 26-23S-33W

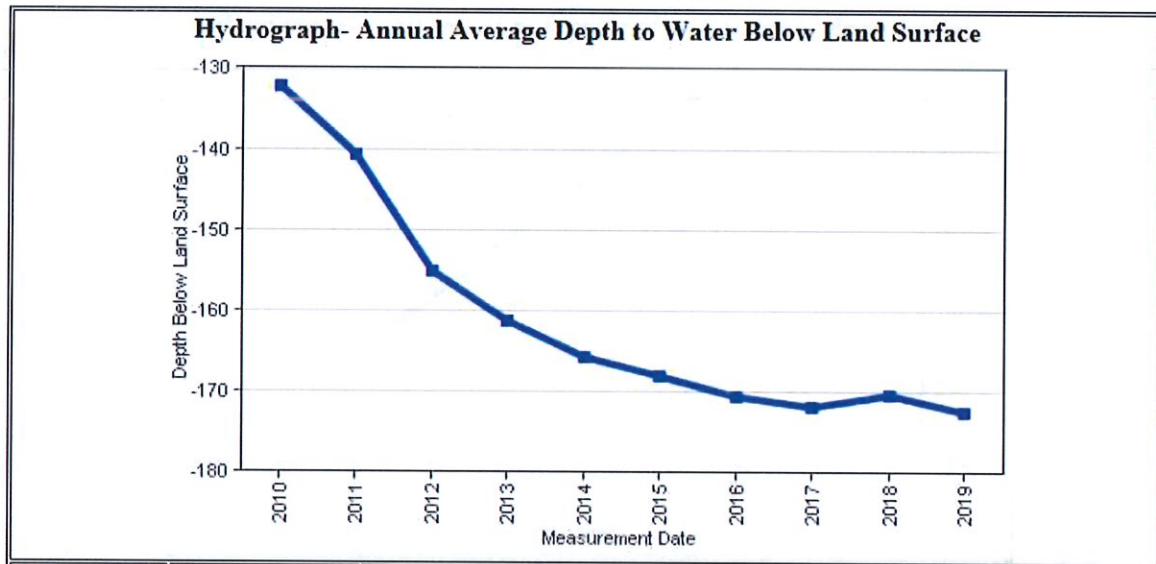
### General Well Site Information [?](#)

<b>USGS ID:</b>	380156100543801	<b>KGS Local Well ID:</b>	23S 33W 26ABB 02
<b>County:</b>	Finney	<b>PLSS Description:</b>	23S 33W 26 NWNWNE
<b>HUC 8 Code:</b>	11030001	<b>GMD:</b>	Southwest Kansas GMD #3
<b>Longitude:</b>	-100.9104	<b>Lat/Long Source:</b>	GPS (within 50 feet)
<b>Latitude:</b>	38.032185	<b>Lat/Long Accuracy:</b>	5 seconds
<b>Surface Elevation (ft):</b>	2885	<b>Depth of Well (ft):</b>	338
<b>Geological Unit Codes:</b>	QU TO	<b>USGS Map Name:</b>	LOWE

### Water Level Measurements [?](#)

380156100543801

Note that depth to water is feet below land surface and all measurements for the well are included.



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Attachment M – KGS Observation well data located in 28-23S-33W

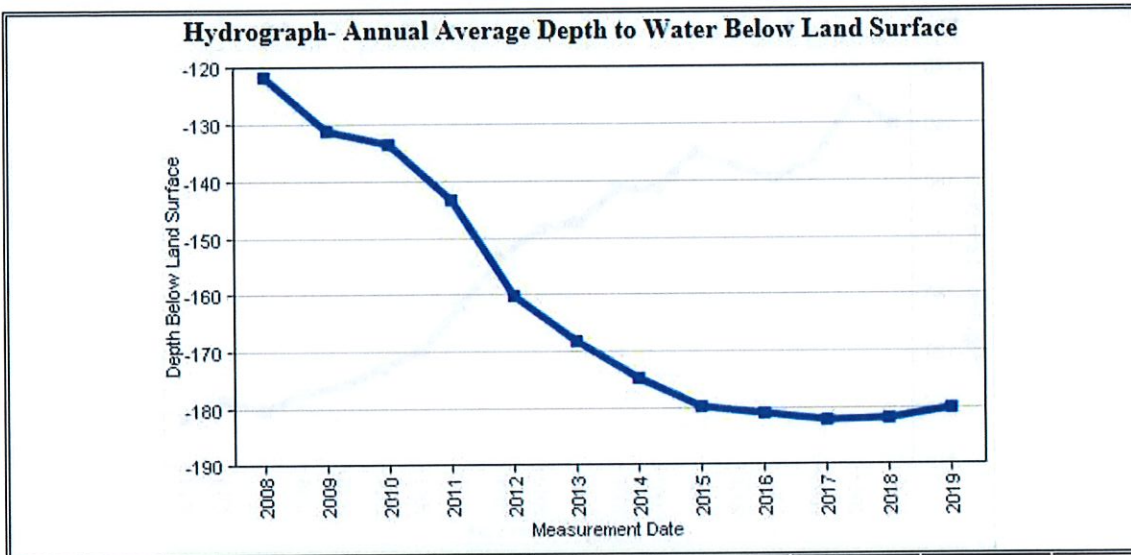
**General Well Site Information** ?

<b>USGS ID:</b>	380109100570202	<b>KGS Local Well ID:</b>	23S 33W 28CDC 02
<b>County:</b>	Finney	<b>PLSS Description:</b>	23S 33W 28 SWSESW
<b>HUC 8 Code:</b>	11030001	<b>GMD:</b>	Southwest Kansas GMD #3
<b>Longitude:</b>	-100.951745	<b>Lat/Long Source:</b>	GPS (within 50 feet)
<b>Latitude:</b>	38.018591	<b>Lat/Long Accuracy:</b>	5 seconds
<b>Surface Elevation (ft):</b>	2903	<b>Depth of Well (ft):</b>	315
<b>Geological Unit Codes:</b>	TO	<b>USGS Map Name:</b>	LOWE

**Water Level Measurements** ?

380109100570202

Note that depth to water is feet below land surface and all measurements for the well are included.



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Attachment N – KGS Observation well data located in 10-23S-34W

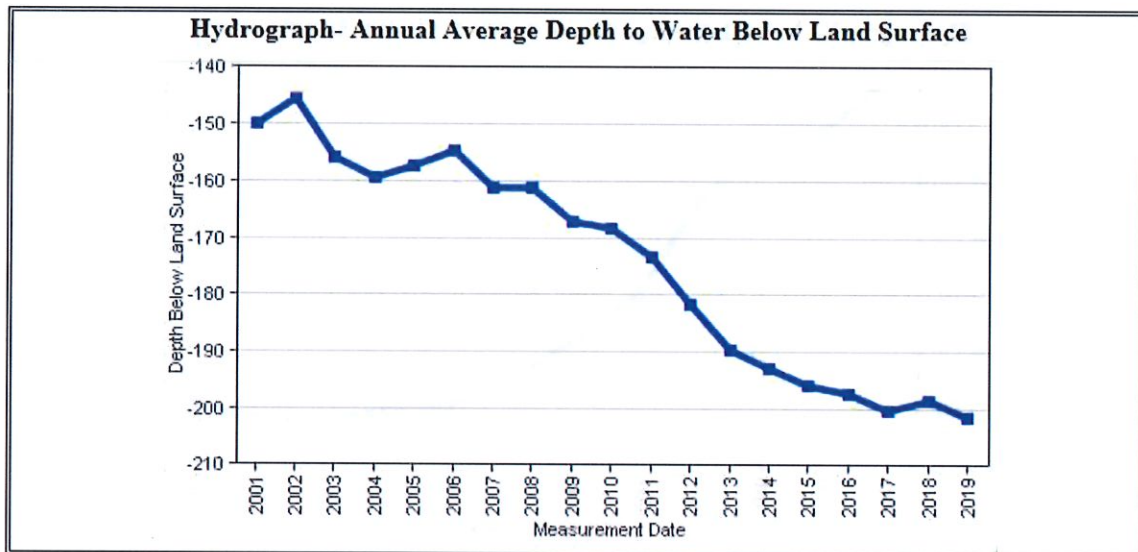
**General Well Site Information** ?

<b>USGS ID:</b>	380417101021301	<b>KGS Local Well ID:</b>	23S 34W 10ACB 01
<b>County:</b>	Finney	<b>PLSS Description:</b>	23S 34W 10 NWSWNE
<b>HUC 8 Code:</b>	11030001	<b>GMD:</b>	Southwest Kansas GMD #3
<b>Longitude:</b>	-101.038173	<b>Lat/Long Source:</b>	GPS (within 50 feet)
<b>Latitude:</b>	38.071993	<b>Lat/Long Accuracy:</b>	5 seconds
<b>Surface Elevation (ft):</b>	2943	<b>Depth of Well (ft):</b>	330
<b>Geological Unit Codes:</b>	QU TO	<b>USGS Map Name:</b>	WOLF

**Water Level Measurements** ?

380417101021301

Note that depth to water is feet below land surface and all measurements for the well are included.



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Attachment O – KGS Observation well data located in 17-23S-34W

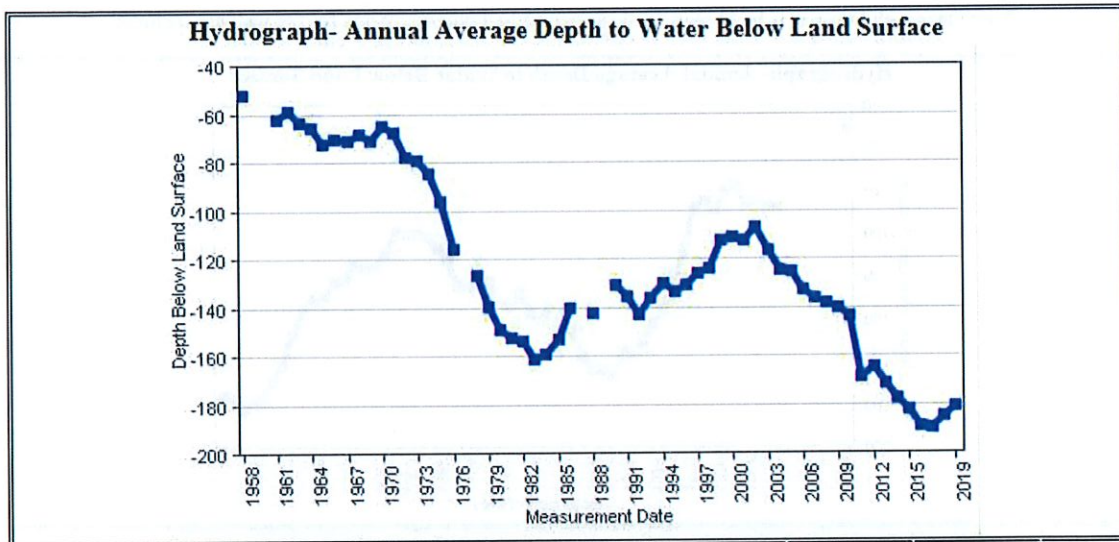
**General Well Site Information** ?

<b>USGS ID:</b>	380253101045501	<b>KGS Local Well ID:</b>	23S 34W 17CCC 01
<b>County:</b>	Finney	<b>PLSS Description:</b>	23S 34W 17 SWSWSW
<b>HUC 8 Code:</b>	11030001	<b>GMD:</b>	Southwest Kansas GMD #3
<b>Longitude:</b>	-101.084344	<b>Lat/Long Source:</b>	GPS (within 50 feet)
<b>Latitude:</b>	38.046943	<b>Lat/Long Accuracy:</b>	5 seconds
<b>Surface Elevation (ft):</b>	2974	<b>Depth of Well (ft):</b>	310
<b>Geological Unit Codes:</b>	QU TO	<b>USGS Map Name:</b>	WOLF

**Water Level Measurements** ?

380253101045501

Note that depth to water is feet below land surface and all measurements for the well are included.



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Attachment P – KGS Observation well data located in 21-23S-34W

### General Well Site Information ?

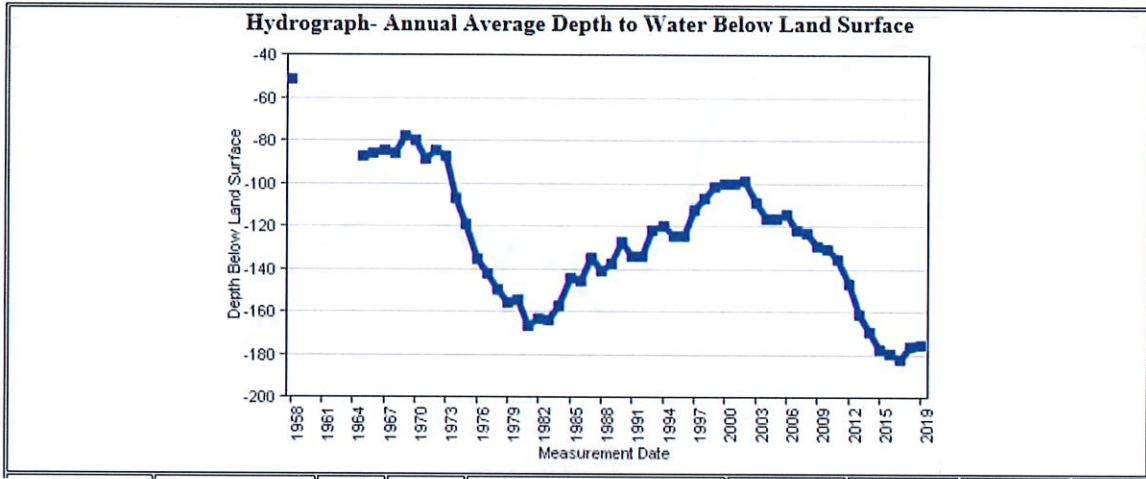
<b>USGS ID:</b>	380201101030101	<b>KGS Local Well ID:</b>	23S 34W 21DDC 01
<b>County:</b>	Finney	<b>PLSS Description:</b>	23S 34W 21 SWSESE
<b>HUC 8 Code:</b>	11030001	<b>GMD:</b>	Southwest Kansas GMD #3
<b>Longitude:</b>	-101.052174	<b>Lat/Long Source:</b>	GPS (within 50 feet)
<b>Latitude:</b>	38.032793	<b>Lat/Long Accuracy:</b>	5 seconds
<b>Surface Elevation (ft):</b>	2961	<b>Depth of Well (ft):</b>	300
<b>Geological Unit Codes:</b>	QU TO	<b>USGS Map Name:</b>	WOLF

### Water Level Measurements ?

380201101030101

[Continuous Water Level Measurements](#)

Note that depth to water is feet below land surface and all measurements for the well are included.



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### Attachment Q – KGS Observation well data located in 32-23S-34W

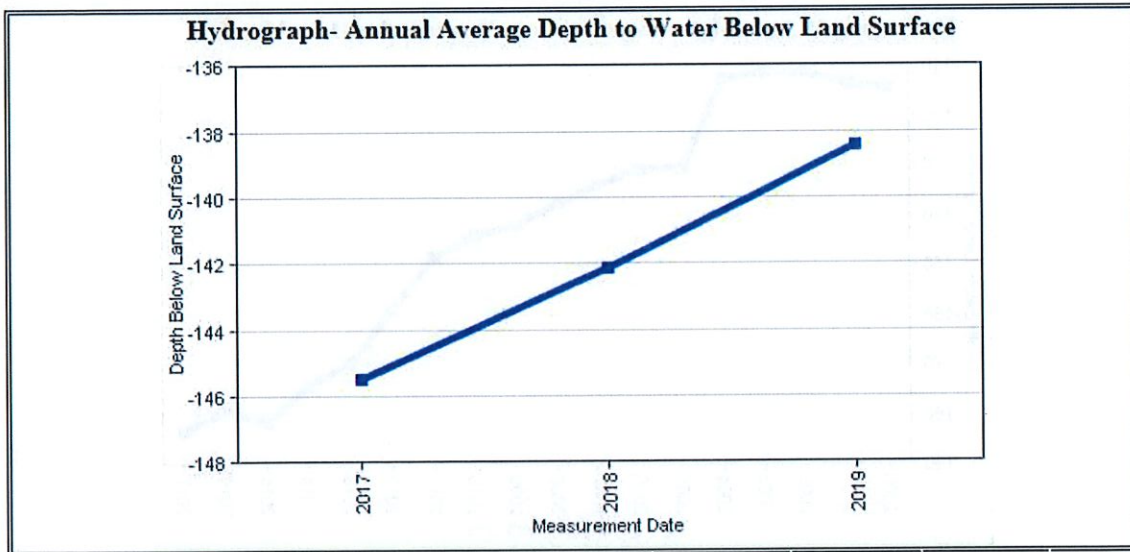
## General Well Site Information ?

<b>USGS ID:</b>	380033101045102	<b>KGS Local Well ID:</b>	23S 34W 32BCC 02
<b>County:</b>	Finney	<b>PLSS Description:</b>	23S 34W 32 SWSWNW
<b>HUC 8 Code:</b>	11030001	<b>GMD:</b>	Southwest Kansas GMD #3
<b>Longitude:</b>	-101.084498	<b>Lat/Long Source:</b>	GPS (within 50 feet)
<b>Latitude:</b>	38.011115	<b>Lat/Long Accuracy:</b>	5 seconds
<b>Surface Elevation (ft):</b>	2973	<b>Depth of Well (ft):</b>	380
<b>Geological Unit Codes:</b>	TO	<b>USGS Map Name:</b>	Wolf

## Water Level Measurements ?

380033101045102

Note that depth to water is feet below land surface and all measurements for the well are included.



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Attachment R – KGS Observation well data located in 24-23S-35W

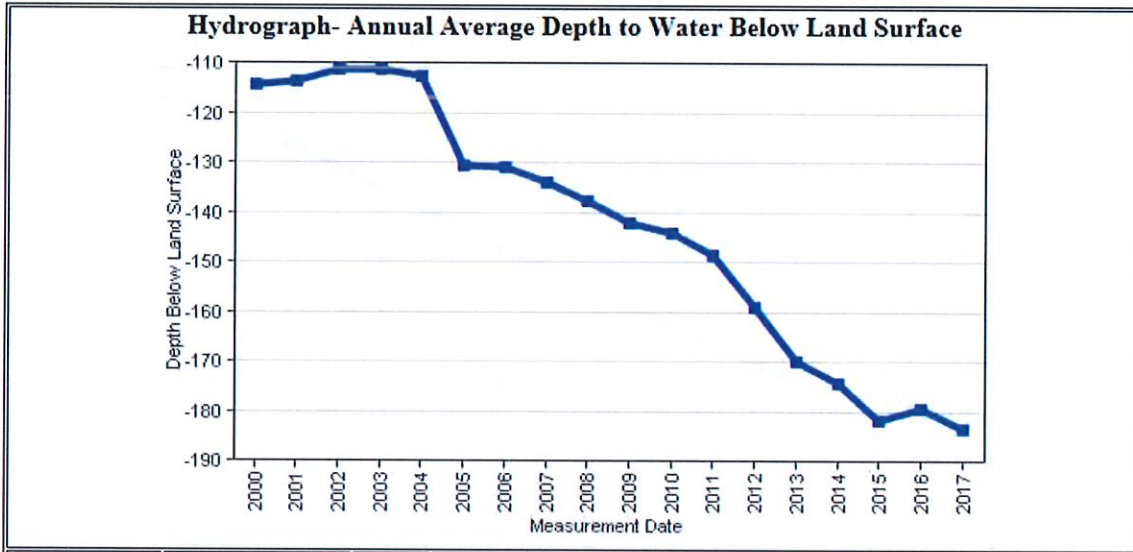
**General Well Site Information** ?

<b>USGS ID:</b>	380245101071102	<b>KGS Local Well ID:</b>	23S 35W 24BBB 02
<b>County:</b>	Kearny	<b>PLSS Description:</b>	23S 35W 24 NWNWNW
<b>HUC 8 Code:</b>	11030001	<b>GMD:</b>	Southwest Kansas GMD #3
<b>Longitude:</b>	-101.120474	<b>Lat/Long Source:</b>	GPS (within 50 feet)
<b>Latitude:</b>	38.046022	<b>Lat/Long Accuracy:</b>	5 seconds
<b>Surface Elevation (ft):</b>	3005	<b>Depth of Well (ft):</b>	368
<b>Geological Unit Codes:</b>	QU TO	<b>USGS Map Name:</b>	Wolf

**Water Level Measurements** ?

380245101071102

Note that depth to water is feet below land surface and all measurements for the well are included.



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Attachment S – KGS Observation well data located in 25-23S-35W

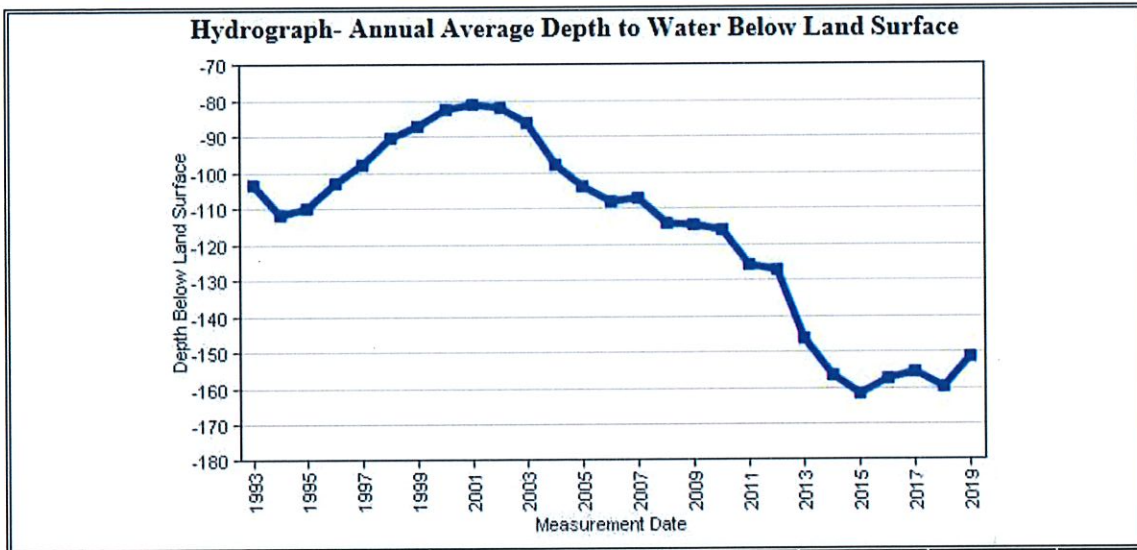
**General Well Site Information** ?

<b>USGS ID:</b>	380153101071303	<b>KGS Local Well ID:</b>	23S 35W 25BBB 03
<b>County:</b>	Kearny	<b>PLSS Description:</b>	23S 35W 25 NWNWNW
<b>HUC 8 Code:</b>	11030001	<b>GMD:</b>	Southwest Kansas GMD #3
<b>Longitude:</b>	-101.121145	<b>Lat/Long Source:</b>	GPS (within 50 feet)
<b>Latitude:</b>	38.031542	<b>Lat/Long Accuracy:</b>	5 seconds
<b>Surface Elevation (ft):</b>	3000	<b>Depth of Well (ft):</b>	Unknown
<b>Geological Unit Codes:</b>	QU TO	<b>USGS Map Name:</b>	WOLF

**Water Level Measurements** ?

380153101071303

Note that depth to water is feet below land surface and all measurements for the well are included.



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**Attachment T – KGS Observation well data located in 28-23S-35W**

**General Well Site Information** 

<b>USGS ID:</b>	380106101093101	<b>KGS Local Well ID:</b>	23S 35W 28DDD 01
<b>County:</b>	Kearny	<b>PLSS Description:</b>	23S 35W 28 SESESE
<b>HUC 8 Code:</b>	11030001	<b>GMD:</b>	Southwest Kansas GMD #3
<b>Longitude:</b>	-101.158662	<b>Lat/Long Source:</b>	GIS
<b>Latitude:</b>	38.018315	<b>Lat/Long Accuracy:</b>	5 seconds
<b>Surface Elevation (ft):</b>	3018	<b>Depth of Well (ft):</b>	Unknown
<b>Geological Unit Codes:</b>	TO	<b>USGS Map Name:</b>	Wolf SW

**NO DATA AVAILABLE**

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Attachment U – KGS Observation well data located in 1-24S-34W

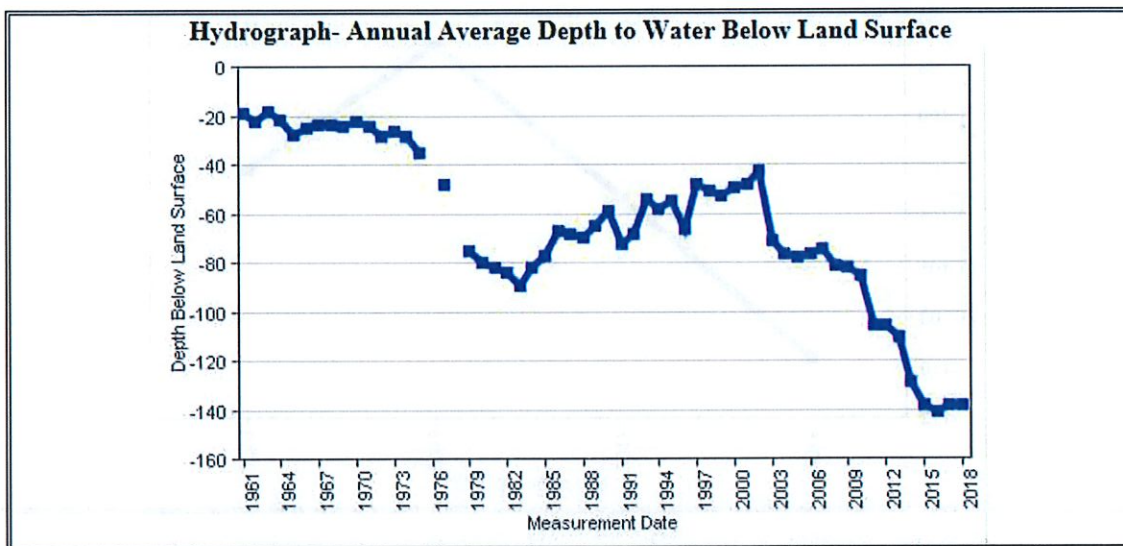
**General Well Site Information** ?

<b>USGS ID:</b>	375957101003501	<b>KGS Local Well ID:</b>	24S 34W 01BCBB 01
<b>County:</b>	Finney	<b>PLSS Description:</b>	24S 34W 1 NWSWNW
<b>HUC 8 Code:</b>	11030001	<b>GMD:</b>	Southwest Kansas GMD #3
<b>Longitude:</b>	-101.011545	<b>Lat/Long Source:</b>	GPS (within 50 feet)
<b>Latitude:</b>	37.999924	<b>Lat/Long Accuracy:</b>	5 seconds
<b>Surface Elevation (ft):</b>	2894	<b>Depth of Well (ft):</b>	295
<b>Geological Unit Codes:</b>	QU TO	<b>USGS Map Name:</b>	DEERFIELD NE

**Water Level Measurements** ?

375957101003501

Note that depth to water is feet below land surface and all measurements for the well are included.



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Attachment V – KGS Observation well data located in 1-24S-36W

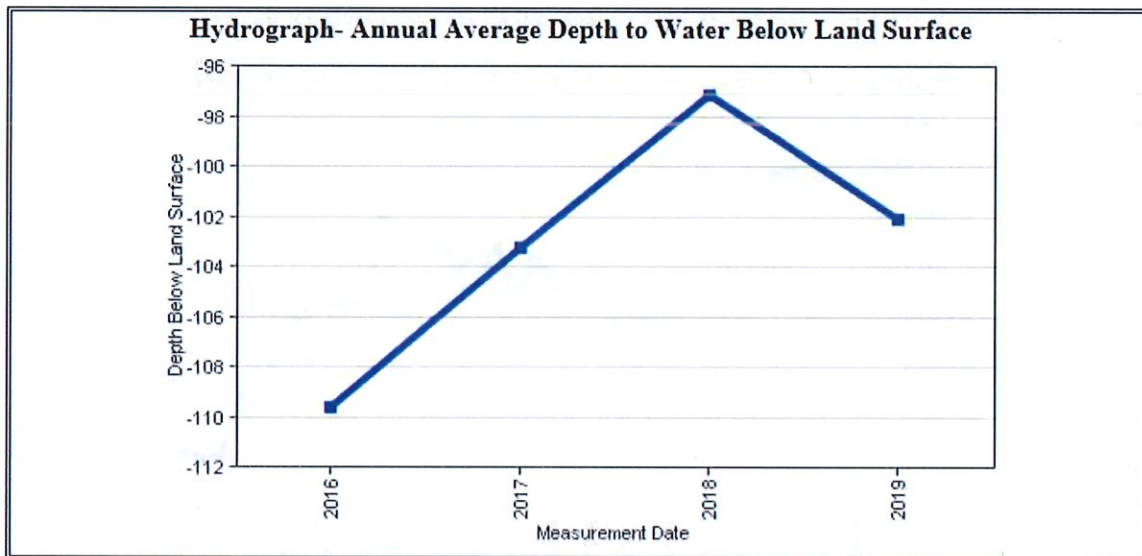
**General Well Site Information** ?

<b>USGS ID:</b>	375953101124601	<b>KGS Local Well ID:</b>	24S 36W 01ADA 01
<b>County:</b>	Kearny	<b>PLSS Description:</b>	24S 36W 1 NESENE
<b>HUC 8 Code:</b>	11030001	<b>GMD:</b>	Southwest Kansas GMD #3
<b>Longitude:</b>	-101.212848	<b>Lat/Long Source:</b>	GPS (within 50 feet)
<b>Latitude:</b>	37.99817	<b>Lat/Long Accuracy:</b>	5 seconds
<b>Surface Elevation (ft):</b>	3054	<b>Depth of Well (ft):</b>	238
<b>Geological Unit Codes:</b>	QU TO	<b>USGS Map Name:</b>	Deerfield

**Water Level Measurements** ?

375953101124601

Note that depth to water is feet below land surface and all measurements for the well are included.



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