

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

1. File Number: 16359	2. Status Change Date: 8/16/18	3. Change Num: C1	4. Field Office: 04	5. GMD: 03
6. Status: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied by DWR/GMD <input type="checkbox"/> Dismiss by Request/Failure to Return				7. Filing Date of Change: 7/6/18
8a. Applicant(s) New to system <input type="checkbox"/> ROBERT W & SONIA S DAVIS TRUST PO BOX 487 RICHFIELD KS 67953-0487		Person ID <u>3813</u> Add Seq# <u>1</u>		
8b. Landowner(s) New to system <input type="checkbox"/> ROBERT W & SONIA S DAVIS TRUST PO BOX 487 RICHFIELD KS 67953-0487		Person ID <u>3813</u> Add Seq# <u>1</u>		
8c. Landowner(s) New to system <input type="checkbox"/>		Person ID _____ Add Seq# _____		
8d. WUC New to system <input type="checkbox"/>		Person ID <u>3813</u> Add Seq# <u>1</u>		
8d. WUC ROBERT W & SONIA S DAVIS TRUST PO BOX 487 RICHFIELD KS 67953-0487		Person ID <u>3813</u> Add Seq# <u>1</u>		
9. Documents and Enclosure(s): <input checked="" type="checkbox"/> DWR Meter(s) Date to Comply: <u>12/31/18</u> <input checked="" type="checkbox"/> N & P Date to Comply: <u>12/31/18</u>				
<input type="checkbox"/> Anti-Reverse Meter <input type="checkbox"/> Meter Seal <input type="checkbox"/> Check Valve <input type="checkbox"/> N & P Form <input type="checkbox"/> Water Tube <input type="checkbox"/> Driller Copy <input type="checkbox"/> H & E Letter <input type="checkbox"/> Conservation Plan Date Required: _____ Date Approved: _____ Date to Comply: _____				
10. Use Made of Water From: _____ To: _____				
Date Prepared: 8/16/18 By: TPM Date Entered: _____ By: _____				

File No. **16359** 11. County: **MT** Basin: **nf cimarron** Stream: Formation Code: **211** Special Use:

12. Points of Diversion
 CHK Rate and Quantity
 MOD Authorized Additional
 DEL Rate Quantity Rate Quantity
 ENT af af gpm gpm af af
 Comment (AKA Line) 'W 'N 'W
 Qualifier S T R ID 'N 'W
 ent sw nw sw 4 33 41 1366 5184
 del 3372 22895

13. Storage: Rate _____ NF _____ Quantity _____ ac/ft Additional Rate _____ NF _____ Additional Quantity _____ ac/ft

14. Limitation: **na** af/yr at _____ gpm (_____ cfs) when combined with file number(s) _____
 Limitation: _____ af/yr at _____ gpm (_____ 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 CHK MOD DEL ENT	P U S E	S T R I D	NE 1/4			NW 1/4			SW 1/4			SE 1/4			Total	Owner	Chg?	Overlap Files
			NE 1/4	SW 1/4	SE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	SW 1/4	SE 1/4	NW 1/4	SW 1/4	SE 1/4				
NC																		

Base Acres: _____ Year: _____ Minimum Reasonable Quantity: _____
 Comments: _____

STATE OF KANSAS



DEPARTMENT OF AGRICULTURE
DIVISION OF WATER RESOURCES
GARDEN CITY FIELD OFFICE
2508 JOHNS STREET
GARDEN CITY, KS 67846-2804

PHONE: (620) 276-2901
FAX: (620) 276-9315
www.agriculture.ks.gov

GOVERNOR JEFF COLYER, M.D.
JACKIE MCCLASKEY, SECRETARY OF AGRICULTURE

August 16, 2018

ROBERT W & SONIA S DAVIS TRUST
PO BOX 487
RICHFIELD KS 67953-0487

RE: Change in Point of Diversion Water Right, File No 16359, 22895

Dear Mr. Davis;

Enclosed you will find a *Summary Order Approving Application for Change in Points of Diversion* for the above referenced file. This order modifies the authorized well location under the referenced file. This order modifies the original document; it should be recorded at the County Register of Deeds.

Your attention is directed to the enclosures and to the terms, conditions, and limitations specified in this order. The diversion works should be completed and reported to the Division of Water Resources **by December 31, 2018**. Enclosed is a form for this purpose, along with other information for reference.

A condition of this order is that an acceptable flow meter must be properly installed on the diversion works authorized under the referenced file number in accordance with the Kansas Administrative Regulations 5-1-4 through 5-1-12. This water flow meter shall be used to provide information required on the annual water use report.

This order shall become final if a request for a hearing is not filed with the Chief Engineer within 15 days of the date of service of this order. The date of service is the date listed on the enclosed *Certificate of Service*.

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

Sincerely,

Thomas P. Makens
Assistant Water Commissioner


TPM:tpm
Enclosures
GMD#3

CERTIFICATE OF SERVICE

On this 17th day of August 2018, I hereby certify that the attached original Approval of Application to Change the Point of Diversion under Water Right, File No. 16359, 22895 dated August 16, 2018 was mailed postage prepaid, first class, US mail to the following:

ROBERT W & SONIA S DAVIS TRUST
PO BOX 487
RICHFIELD KS 67953-0487

Copy provided to GMD#3



Division of Water Resources

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

Call for address:

Topeka -- (785) 296-5733
 Stafford -- (620) 234-5311
 Stockton -- (785) 425-6787
 Garden City -- (620) 276-2901
<http://agriculture.ks.gov/dwr>

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



STATE OF KANSAS

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

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

RECEIVED

2:11pm

JUL 06 2018

File No. 16359

1. Application is hereby made for approval of the Chief Engineer to change the (check one or both): Garden City Field Office
Division of Water Resources

Place of Use Point of Diversion

under the water right which is the subject of this application in accordance with the conditions described below.

The source of supply is: Groundwater Surface water

2. Name and address of Applicant: ROBERT W. & SONIA S. DAVIS TRUST
PO BOX 487, RICHFIELD, KS 67953

Phone Number: () _____ Email address: _____

Name and address of Water Use Correspondent: SAME AS ABOVE

Phone Number: () _____ Email address: _____

3. The presently authorized place of use is:
 Owner of Land ---- NAME: DAVIS TRUST

ADDRESS: _____

(If there is more than one landowner, attach supplemental sheets as necessary.)

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. 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: NO CHANGE TO ACRES

ADDRESS: _____

(If there is more than one landowner, attach supplemental sheets as necessary.)

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				

For Office Use Only: Code _____	Fee \$ <u>200.00</u> TR # _____	Receipt Date <u>7-6-18</u>	Check # <u>1979</u>
---------------------------------	---------------------------------	----------------------------	---------------------

5. **Presently authorized point of diversion:**
 One in the SW Quarter of the SW Quarter of the SW Quarter of Section 4, Township 33 South, Range 41 W, in MORTON County, Kansas, 120 feet North 5200 feet West of Southeast corner of section.
 Authorized Rate _____ Authorized Quantity _____ Depth of well _____ (feet)
 (DWR use only: Computer ID No. 1 GPS 75 feet North 5176 feet West)
 This point will not be changed This point will be changed as follows: No change, point better described with GPS as follows:
Proposed point of diversion: (Complete only if change is requested or if existing point is better described by GPS)
 One in the SW SW Quarter of the NW SW * Quarter of the SW SW Quarter of Section 4, Township 366 33 5184 South, Range 41 (E/W), in MORTON County, Kansas, 50 feet North 4860 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 _____

* TPM 8/2/10 New Loc

6. **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: No change, point better described with GPS as follows:
Proposed point of diversion: (Complete only if change is requested or if existing point is better described by GPS)
 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 _____

7. The changes herein are desired for the following reasons?
 (please be specific) TO RE-DRILL OLD WELL

8. If a well, is the test hole log attached? Yes No

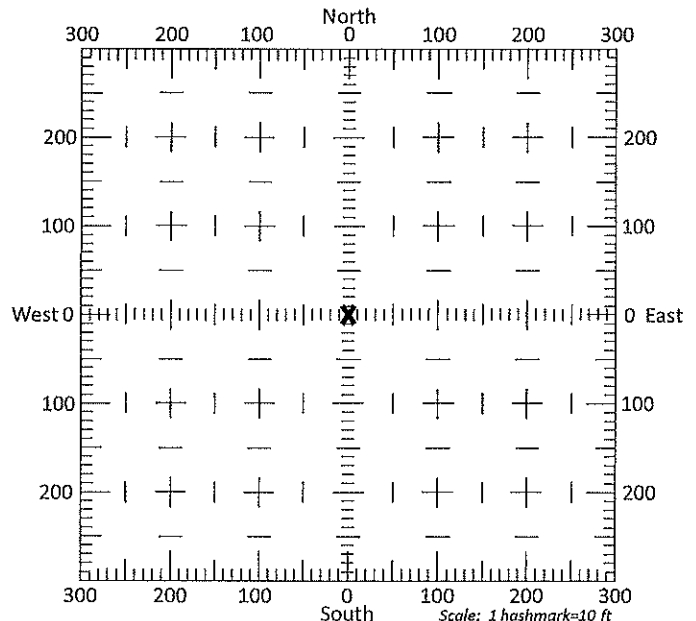
9. The change(s) (was)(will be) completed by?
UPON APPROVAL

10. If the point of diversion is a well:
 (a) What are you going to do with the old well?
PLUG
 (b) When will this be done? 2018

11. Groundwater Management District recommendation attached?
 Yes No

12. Assisted by BSC

13a. If the proposed point of diversion will be relocated more than 300 feet but within 2,640 feet of the existing point of diversion, attach a topographic map or aerial photograph. For groundwater sources, show all wells (including domestic) within one-half mile of the proposed point of diversion and the names and mailing addresses of the owners. For surface water sources, show the names and addresses of the landowner(s) one-half mile downstream and one-half mile upstream from your property lines



13b. If the proposed point of diversion will be relocated within 300 feet of the existing point of diversion, indicate its location on the diagram shown above in relation to the existing point of diversion. (PLEASE NOTE: The "X" in center of diagram above represents the presently authorized point of diversion.)

SUMMARY ORDER APPROVING APPLICATION FOR CHANGE AND IMPOSING CONDITIONS

This Summary Order is issued under authority of K.S.A. 82a-708b, as amended, and K.A.R. 5-5-1, *et seq.* and other applicable provisions of the *Kansas Water Appropriation Law, K.S.A. 82a-701 et seq.*, and rules and regulations promulgated thereunder. With the exception of those conditions expressly contained herein, this Summary Order does not change the terms, conditions and limitations of File No. 16359.

1. A change application was received on July 6, 2018 requesting that the place of use and / or point of diversion authorized under the above-referenced file number be changed as described in the application.
2. On and after the effective date of this summary order, the authorized place(s) of use shall be located substantially as shown on the topographic map accompanying the application to change the place of use. Applicable Not Applicable
3. The change in point of diversion shall not impair existing rights and shall be limited to the same source or sources of water as previously authorized. The point of diversion authorized by this summary order shall be located within a 300 foot radius of the authorized point(s) of diversion. Applicable Not Applicable
4. The point(s) of diversion described herein is administratively corrected to be more accurately described using the Global Positioning System (GPS), as described in the application. Applicable Not Applicable
5. The point(s) of diversion authorized herein shall not actually be located more than _____ feet from the previously authorized point(s) of diversion. Applicable Not Applicable
6. As required by K.A.R. 5-3-5d, if the works for diversion is a well with a diversion rate of 100 gallons per minute or more, a tube or other device suitable for making water level measurements shall be installed, operated and maintained in accordance with K.A.R. 5-6-13. Applicable Not Applicable
7. The owner of the authorized place(s) of use shall properly install an acceptable water flow meter on or before December 31, 2018, or before the first use of water, whichever occurs first. The water flow meter shall be installed, operated and maintained in accordance with K.A.R. 5-1-4 through 5-1-12. As required by K.S.A. 82a-732, as amended, and K.A.R. 5-3-5e, the owner shall maintain records and report the reading of the water flow meter and the total quantity of water diverted annually to the Chief Engineer by March 1 following the end of each calendar year. Applicable Not Applicable
8. Installation of the works for diversion of water shall be completed on or before December 31, 2018, or within any authorized extension of time. By March 1, 2019 the applicant shall notify the Chief Engineer that construction of the works for diversion has been completed, on the form provided by the Chief Engineer, as required by K.A.R. 5-8-4e. Applicable Not Applicable
9. The completed well log shall be submitted with the required notice. Applicable Not Applicable
10. All diversion works into which any type of chemical or other foreign substance will be injected into the water shall be equipped with an in-line, automatic, quick-closing check valve capable of preventing pollution of the source of the water supply. The check valve(s) shall be installed, operated and maintained in accordance with K.A.R. 5-3-5c. Applicable Not Applicable
11. Additional Conditions are attached. Yes No
12. In accordance with K.S.A. 82a-708a, as amended, and K.A.R. 5-5-14, all of the owners of the authorized place(s) of use of water appropriated under the above-referenced file number are responsible for compliance with its terms, conditions and limitations, as amended and/or supplemented by this Summary Order, and with applicable provisions of the *Kansas Water Appropriation Law* and the *Rules and Regulations* promulgated thereunder. Failure to comply with these provisions may result in civil penalties pursuant to K.S.A. 82a-737, as amended, and/or the suspension or revocation and dismissal of the water or appropriation right or any other enforcement actions authorized by law.

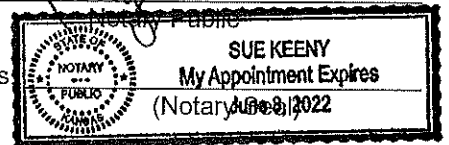
Administrative Appeal and Effective Date of Order

If you are aggrieved by this order, pursuant to K.S.A. 82a-1901, you may request an evidentiary hearing before the Chief Engineer or request administrative review by the Secretary of Agriculture. A request for hearing by the Chief Engineer must be filed within 15 days of service of this Order and a request for administrative review by the Secretary must be filed within 30 days pursuant to K.S.A. 77-531. Any request for administrative review must state a basis for review pursuant to K.S.A. 77-527. File any request with Kansas Department of Agriculture, Legal Division, 1320 Research Park Drive, Manhattan, KS 66502. Failure to timely request a hearing or review may preclude review under the Kansas Judicial Review Act.

For Use by Register of Deeds

FOR OFFICE USE ONLY
APPLICATION APPROVED AND SUMMARY ORDER ISSUED

By: [Signature]
Duly Authorized Designee of the Chief Engineer
(Print Name): THOMAS P. MAKENS
Division of Water Resources - Kansas Department of Agriculture
Date of Issuance: August 16, 2018
State of Kansas _____)
County of Finney _____) SS
Acknowledged before me on August 16, 2018
by Thomas P. Makens
Signature: [Signature]
My commission expires _____



ADDITIONAL CONDITION TO
SUMMARY ORDER APPROVING APPLICATION FOR CHANGE
AND IMPOSING CONDITIONS

The effective date of the change shall be the date this order is executed by the Chief Engineer, after which the following conditions shall apply.

That the applicant shall cause the well under this appropriation to be constructed so that the source of supply will be restricted to withdrawal of water from the Ogallala Formation and the Jurassic/Triassic Formation, above the clay strata that exists at a depth of 414 feet as described on the test hole log number 1 accompanying the application.

That the well casing and other appurtenances to said well under this appropriation shall be maintained by the applicant to the satisfaction of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture.

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.

WELL LOG 16359

DATE: 6-26-18

**Downey
Drilling Inc.**

#1
RECEIVED

CUSTOMER NAME: Eddie + Bob Davis

LEGAL: SW/SW 4-335-41W

JUL 31 2018

COUNTY: Martin Co.

GPS: 37 12 13.26.20368

101 47 28.99.79139

DRILLER: Chris P. WO: 18-311

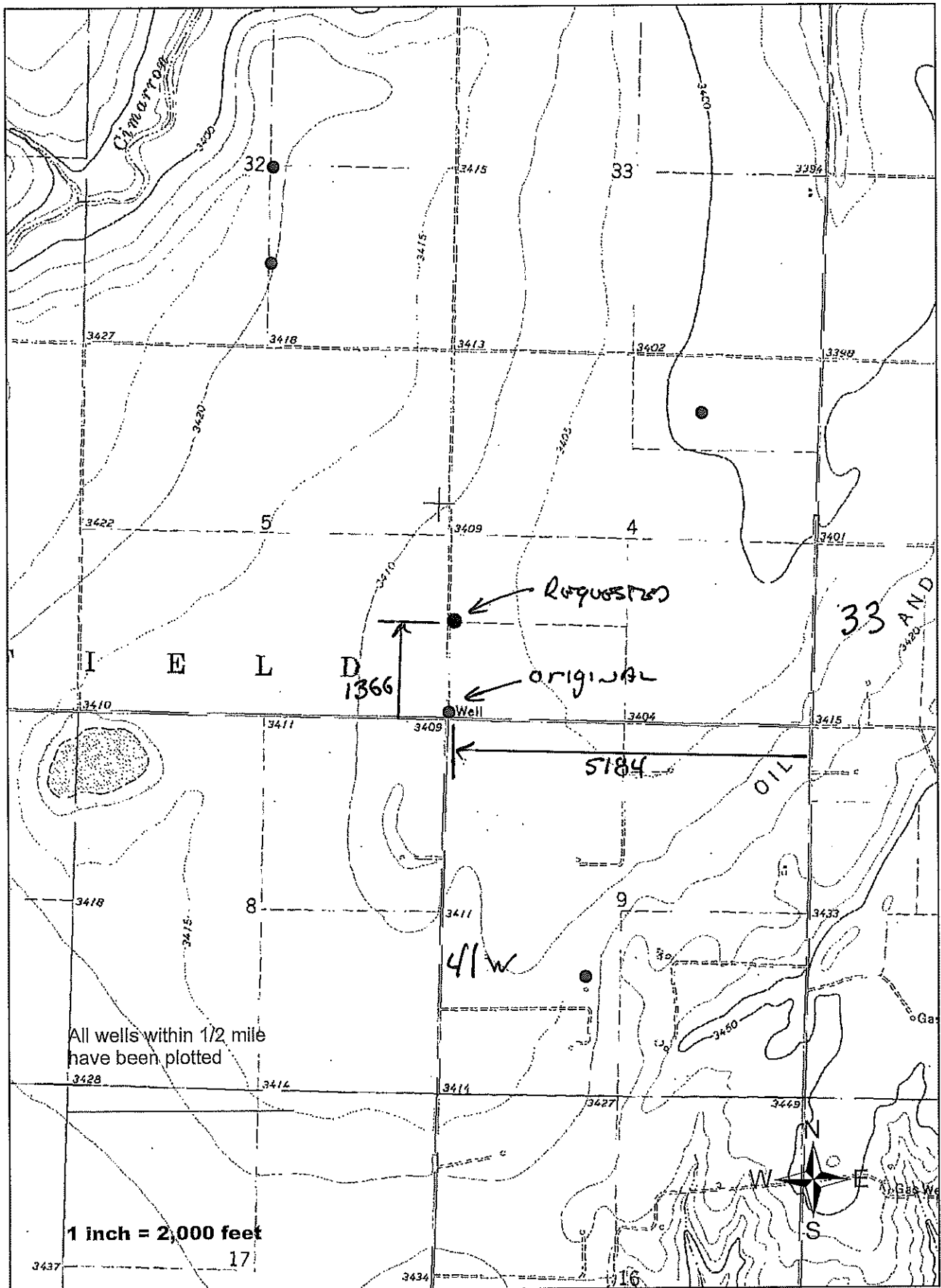
Soda Ash-1

Garden City Field Office
Division of Water Resources

Quick Cel-174 Bran-11

TW	FROM	TO	TYPE	HARDNESS	COLOR	SPEED	PULL DOWN	OTHER / DRILLING ACTION
	0	2	Top Soil	Firm	Dark	Slow		Smooth
	2	14	Silty clay / Trace of Silt	"	"	"		"
	14	35	Silty clay / clay	"	Grayish	"		"
	35	70	Silty-sandy clay / Trace of P-Sand	"	"	"		"
	70	102	Silty clay / clay	"	Tan	"		"
	102	126	P-Sand / Silt	Soft	Red	Fast		Slight chatter
	126	144	P-Sand / TR-mSand	"	"	"		"
	144	168	Silty clay / TR-P-Sand / clay (Red) / Some ^{Sandstone} clay	"	"	"		Smooth ^{Chatter}
	168	209	clay / Silty clay	Firm	"	Slow		Smooth
	209	220	clay / Silty clay / TR-P-Sand	"	"	"		Chatter
	220		Silty clay (Orange-Red) / Silty clay (Gray)	"	"	"		Smooth
		368	TR-Silt					
	368	393	Red clay	Very Firm	Red	Slow	X	"
X	393	414	P-mSand	Soft	"	Slow		Slight chatter
X	414	480	Red clay (Dark)	Firm	"	"	X	Smooth

16359 & 22895



STATE OF KANSAS



PHONE: (620) 276-2901
FAX: (620) 276-9315
www.agriculture.ks.gov

DEPARTMENT OF AGRICULTURE
DIVISION OF WATER RESOURCES
GARDEN CITY FIELD OFFICE
2508 JOHNS STREET
GARDEN CITY, KS 67846-2804

GOVERNOR JEFF COLYER, M.D.
JACKIE MCCLASKEY, SECRETARY OF AGRICULTURE

August 3, 2018

Southwest Kansas Groundwater
Management District No 3
409 Campus Drive, Suite 106
Garden City KS 67846

Re: Water Right file number 16359, 22895

Dear Mr. Norquest;

The Davis trust has applied to relocate the well authorized by the above water right number. There are no neighboring well within ½ mile of the requested.

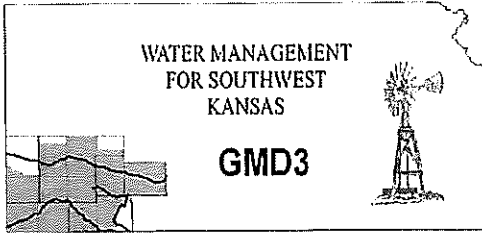
We are delaying action for 15 days on the change application to allow you time to review and provide a recommendation if you feel one is warranted.

Thank you and as always feel free to call or write us at any time.

Sincerely;

Thomas P Makens

TPM:tpm



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

August 15, 2018

Thomas P. Makens
Division of Water Resources
2508 N Johns Street
Garden City, Kansas 67846

RECEIVED

AUG 15 2018

RE: Application for Change in Point of Diversion
Water Right, File Nos. 16359 & 22895

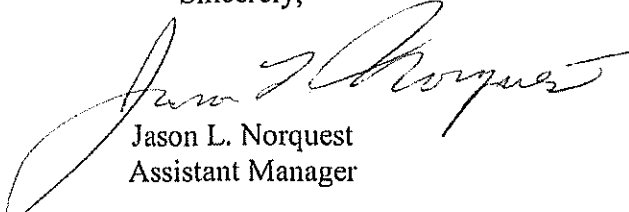
Garden City Field Office
Division of Water Resources

Dear Thomas:

We have completed a review of the application for the above referenced water right. The proposal is not in conflict with the Management Program of the Southwest Kansas Groundwater Management District No. 3 (GMD3). The proposed distance moved and well spacing is in accordance with K.A.R. 5-23-3. It is therefore recommended that the application 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,



Jason L. Norquest
Assistant Manager

GMD3 Change Review

File No(s): 16359 & 22895.

DWR office: GC.

App filed to change: PD.

Is Landowner(s) correct in WRIS: Davis Trust.

If NO, is documentation included?

Is Water Use Correspondent correct in WRIS? .

If NO, is documentation included?

Regulation(s) Reviewed: KAR 5-23-3

Point of diversion ID No(s) 4 being changed.

RECEIVED

AUG 15 2018

Garden City Field Office
Division of Water Resources

	ft. North	ft. West	
Authorized PD	120	5200	sect. 4-33-41
Proposed PD	1366	5184	
Difference	-1246 N	16 E	
a2 + b2 = c2	1552516	256	1246.103 foot move NE

GPS for proposed PD: Lat: 37.20368 Long: -101.79139.

Is proposed PD stacking on existing WRs? Already stacked together.

Is Proposed PU overlapping existing WRs? No change.

Land Owner(s) notified: .

Name . Name .

Address . Address .

Zip . Zip .

Neighboring certified well(s) notified: None within half mile.

Name . Name .

Address . Address .

Zip . Zip .

Domestic well(s) notified: .

Name . Name .

Address . Address .

Zip . Zip .

Base Acres: .

Perfected Acres: .

Irr. Return-Flow %

Spacing met to all wells in area and proposed move is less than half mile from current PD.

Is a waiver needed: No.

Final Recommendation: After review of all available information, it appears the current area rules are met. Staff therefore recommends approval of the application.



Water Rights and Points of Diversion Within 1.00 miles of point defined as:

1366 ft N and 5184 ft W of the SE Corner of Section 4, T 33S, R 41W

Located at: 101.790947 West Longitude and 37.203657 North Latitude


GROUNDWATER ONLY

2100' Spacing

File Number	Use	ST	SR	Dist (ft)	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Batt	Auth_Quan	Add_Quan	Unit
A__ 16359 00	IRR	NK	G	1246	--	SW	SW	SW	120	5200	4	33	41W	1		320.00	320.00	AF
A__ 22895 00	IRR	NK	G*	1246	--	SW	SW	SW	120	5200	4	33	41W	1		139.00	139.00	AF
A__ 22917 00	IRR	NK	G	4689	--	--	--	--	4444	1646	4	33	41W	4		100.00	100.00	AF
A__ 31180 00	IRR	NK	G	4689	--	--	--	--	4444	1646	4	33	41W	4		195.00	195.00	AF

Total Net Quantities Authorized:	Direct	Storage
Total Requested Amount (AF) =	.00	.00
Total Permitted Amount (AF) =	.00	.00
Total Inspected Amount (AF) =	.00	.00
Total Pro_Cert Amount (AF) =	.00	.00
Total Certified Amount (AF) =	754.00	.00
Total Vested Amount (AF) =	.00	.00
TOTAL AMOUNT (AF) =	754.00	.00

Spacing MET!!



An * after the source of supply indicates a pending application for change for the file number.

An * after the ID indicates a 15 AF exemption was granted for the file number.

A "G" in the Batt column indicates the GEO CTR of a battery. A "B" indicates a well in the battery.

The number in the Batt column is the number of wells in the battery.

Water Rights and Points of Diversion Within 1.00 miles of point defined as:

101.790947 West Longitude and 37.203657 North Latitude

GROUNDWATER ONLY

WATER USE CORRESPONDENTS:

File Number	Use	ST	SR
A__ 16359 00	IRR	NK	G
> ROBERT W & SONIA S DAVIS TRUST			
>			
> PO BOX 487			
> RICHFIELD KS 67953			

A__ 22895 00	IRR	NK	G
> ROBERT W & SONIA S DAVIS TRUST			
>			
> PO BOX 487			
> RICHFIELD KS 67953			

A__ 22917 00	IRR	NK	G
> ABRAM NELSON			
>			
> PO BOX 467			
> SCOTT CITY KS 67871			

A__ 31180 00	IRR	NK	G
> ABRAM NELSON			
>			
> PO BOX 467			

RECEIVED

AUG 15 2018

Garden City Field Office
Division of Water Resources

> SCOTT CITY KS 67871

>-----

=====

INPUTS	
Target Section Definition	
Section	4
Township	33
Range	41
Range Direction	W
Target Point Coordinates (NAD27 or NAD83)	
Target Longitude	-101.791390
Target Latitude	37.203680

Load Data and Compute

Instructions

1. Enter values for section, township, range and range direction.
2. Enter NAD27 or NAD83 longitude and latitude of target point.
3. Click "Load Data and Compute" button.
4. Use feet distances corresponding to datum of target point.

Loaded Section Data		
From LEOBASE using NAD83		
Corner	Corner Latitudes	Corner Longitudes
SW	37.19994458	-101.79150453
NW	37.21439448	-101.79162657
NE	37.21433380	-101.77351412
SE	37.19992883	-101.77359090
Degrees Longitude per Foot		3.43352343E-06
Degrees Latitude per Foot		2.74646479E-06
Target Point Distances from Corners using NAD83		
Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	1360	-33
NW	-3901	-69
NE	-3879	5206
SE	1366	5184

Target point is in Section

Loaded Section Data		
From LEOBASE using NAD27		
Corner	Corner Latitudes	Corner Longitudes
SW	37.19992100	-101.79106100
NW	37.21437100	-101.79118300
NE	37.21431000	-101.77307100
SE	37.19990500	-101.77314800
Degrees Longitude per Foot		3.43352236E-06
Degrees Latitude per Foot		2.74598553E-06
Target Point Distances from Corners using NAD27		
Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	1369	96
NW	-3893	60
NE	-3871	5335
SE	1375	5313

Target point is NOT in Section

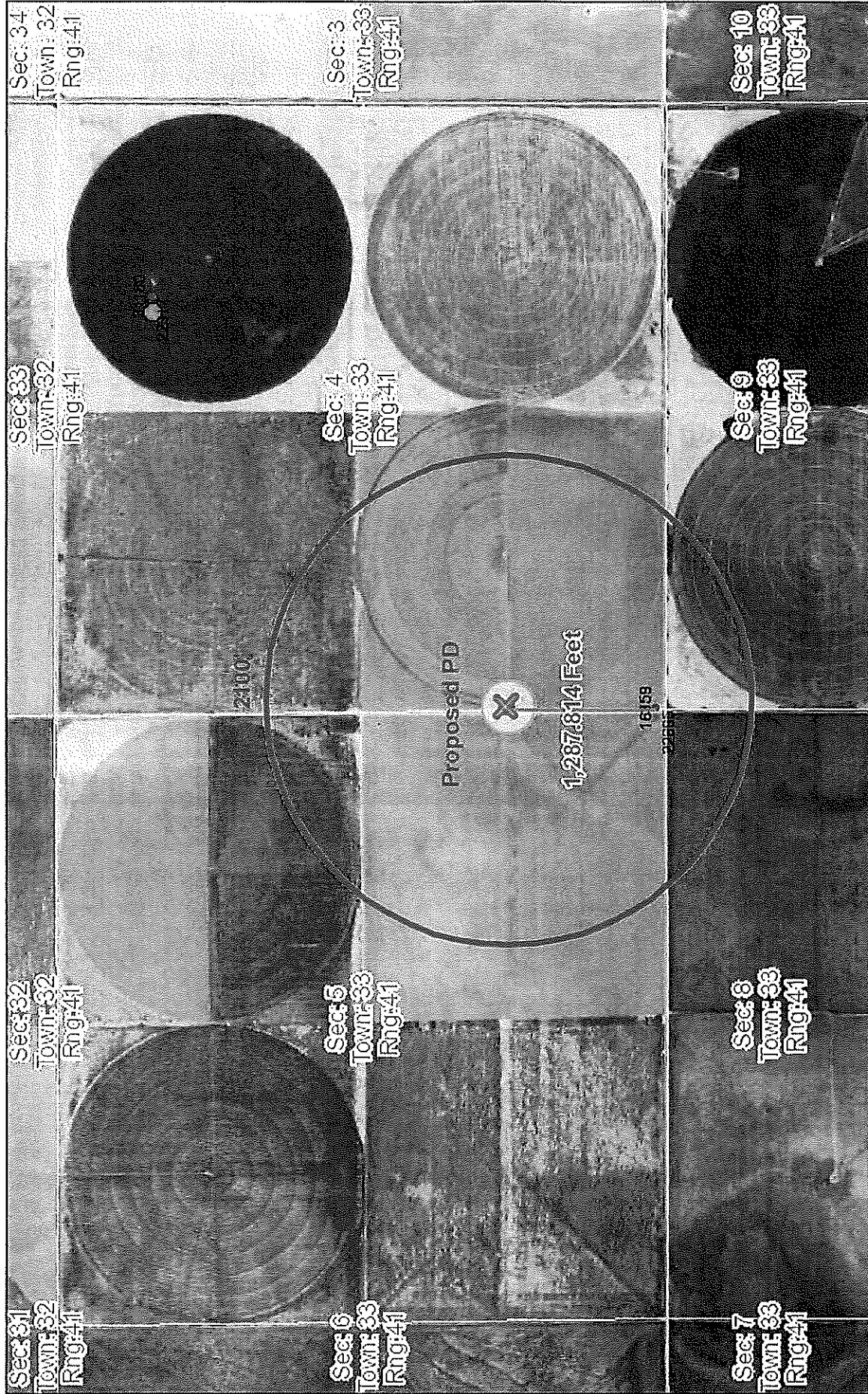
Difference (NAD83 Minus NAD27)		
Corner	Corner Latitudes	Corner Longitudes
SW	0.00002358	-0.00044353
NW	0.00002348	-0.00044357
NE	0.00002380	-0.00044312
SE	0.00002383	-0.00044290
Difference (NAD83 Minus NAD27)		
Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	-8.82445731	-129.17637274
NW	-7.86978642	-129.18801149

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Garden City Field Office
Division of Water Resources

PD Review: 16359 & 22895



August 15, 2018
08:39 AM

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.

Wells

+	CON	⚡	FPR	▲	MUN	⌘	THX
☒	DEW	•	HYD	⚡	REC	?	Empty
•	IRR	▲	IND	★	STK	●	WWC5 WELLS GMD3

GPS Position

-

Other

- ?

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1:18,056
0 250 500 1,000 3,200 ft