Kansas Department of Agriculture Division of Water Resources

CHANGE: P/D WORKSHEET

1. File Number:	2. Status Change Date:	3. Change Num:	4. Field Office:	5. GMD:
44886	3-29-2022	C1	4	3
6. Status: ☐ Approved ☐ Den	ied by DWR/GMD	Dismiss by Reques	t/Failure to Return	7. Filing Date of Change:
				2/23/2022
8a. Applicant(s), Landowners, WUC New to system □	Person ID 41103 Add Seq#	8c. Landown		Person Add Seq#
STEVE & KAREN UNRUI 650 WW RD COPELAND KS 67837	1			
8b. Landowner(s), New to system ⊠ PRAIRIE AG LAND PAR' 650 WW RD COPLENAD KS 67837	Person ID Add Seq# 「NERSHIP	8d. WUC New to sy	rstem □	Person IDAdd Seq#
9. Documents and Enclosure(s): 🛛 D\	VR Meter(s) Date to Comp	ly: 12/31/2022	N & P Date to 0	Comply: <u>3/1/2023</u>
☐ Anti-Reverse Meter ☐ Meter	Seal	⊠ N & P Form		iller Copy 🛛 H & E Letter
☐ Conservation Plan Date Requir	red: Da	ate Approved:	Date to	Comply:
10. Use Made of Water From:		To:		
			Date Prepared: 3/29/2 0 Date Entered:	022 ву: МАМ Ву:

File No. 44886	11. County:	HS	Basin:	ARKAN	SAS R	IVER			St	tream:								rmation C 1/331	ode:	Special Use:	
12. Points of Diversion CHK													Rate	and Qı	uantity						
MOD DEL PDIV													A	Authori	zed		Ad	dditional			
ENT Qualifier	S	T F	R ID		'N	ʻW		Com	ment	(AKA I	_ine)		Rate		Quantit af	у	Rate gpm		antity af	Overlap PD Files	
DEL 39130																					
ENT NENWNW	17 2	27S 31	1W	4	389	464	9						1200)	353		480		0	23675	
13. Storage: Rate	N	IF	Quantity					ac/ft	Ad	ddition	al Rat	e				NF	Addi	tional Qua	ntity		ac/ft
14. Limitation:	af/yr a	t			gpm (_				cfs) wh	nen co	mbine	d with	file nu	umber(s)						
Limitation:	af/yr a	t			gpm (_				cfs) wh	nen co	mbine	d with	file nu	umber(s)						
15. 5YR Allocation: Allocation	n Туре	Start	Year		5 YR	Amoui	nt		Amo	unt Ur	nit	_	Base	Acres		_ Co	mment _				
16. Place of Use CHK				NE1/4 NW1/4			V ¹ / ₄	1 ¹ / ₄ SW ¹ / ₄				SE1/4			Total	Owner	Chg?	Overlap Files			
MOD DEL ENT PUSE S T	R ID	NE 1/4	NW 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					
CHK 570																		8a	Υ	23675	
CHK 32633																		8b	Υ	23675	
Base Acres: Year: Comments:	Mi	inimum	Reasonab	le Quai	ntity:																



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

Mike Beam, Secretary

Laura Kelly, Governor

March 29, 2022

STEVE & KAREN UNRUH 650 WW RD COPELAND, KS 67837

RE:

Field Office Application for Change Water Right, File Nos. 23675 & 44886

Dear Sir and Madam:

Enclosed are orders executed by the designee of 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 this approval for change. Conditions of these approvals are that an acceptable water flow meter must be installed on the diversion works authorized under the referenced file number and meet current specifications. Please return the required notification of completion of the diversion works and installation of the required meter as soon as these actions are completed. Also please note the additional condition attached to the approval.

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

The abandoned well must be plugged in accordance with the requirements of Article 30 of the Rules and Regulations as adopted by the Kansas Department of Health and Environment.

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

Sincerely,

Water Commissioner

MAM enclosures

pc: Prairie

Prairie Ag Land Partnership

Groundwater Management District No. 3

CERTIFICATE OF SERVICE

On this 29th day of March 2022, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File Nos. 23,675 & 44,886 dated 2¶rd day of March 2022 was mailed postage prepaid, first class, US mail to the following:

STEVE & KAREN UNRUH 650 WW RD COPELAND, KS 67837

Pc:

PRAIRIE AG LAND PARTNERSHIP 650 WW RD COPLENAD KS 67837

GROUNDWATER MANAGEMENT DISTRICT NO. 3

Division of Water Resources Staff

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

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

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



STATE OF KANSAS

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

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

						F	File No	. 4488	6										
1.	Applicat		-			□ P	lace o	f Use		\boxtimes	Point	of Dive	ersion						VED
	under th	e water	right w	hich is	s the s	ubject	of this	applic	ation i	n acco	rdance	with t	he co	ndition	s desc	ribed b	oelow.	2 2 3	2022
	The sou	rce of su	upply is	s:		\boxtimes G	round	water			Surfac	ce wate	er						
																Ga	rden	City Fi	eld Office
2.	Name a	nd addre	ess of	Applica	ant: S	TEVE	UNRU	IH						-		Divis	ion of	Water	Resources
	650 WV																		
	Phone N																		
	Name a	nd addre	ess of	Water	Use C	orresp	onden	t:											
	Phone N								Email	addre	ss:								
3.	The pre	, -																	
	Owner o																		
	(15.41		ADDRI															_	
	(If there i	s more th	an one	landov	mer, at	tach su	Ippieme			neces	sary.)						_	$\overline{}$	
					1/4				V¼ 	I			V1/4			St	= 1/4		TOTAL ACRES
_Se	c. Twp.	Range	NE1/4	NW1/4	SW1/4	SE¼	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW¼	SW1/4	SE1/4	NE1/4	NW1/4	SW ¹ / ₄	SE¼	
												_							
																		-	
														<u></u>		<u> </u>			
4.	If this ap	of Land -	NA	ME:						PRO	VAIL	A	7 60	and	Pal	the	rsh	P	n .~
		/	ADDRI	=55:			-			30	ww	Red	E	Ope	an	d_16	5	6/0	3/
	(If there i	s more th	an one	landov	vner, at	tachsu	ippleme	ental sh	eets as	neces	sary.)					RE(JEI'	VEL)
				N	2/4			NV	V1/4			SV	V1/4			_	=1/4	2002	TOTAL ACRES
_Se	c. Twp.	Range	NE½	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW74	SW%	SE1/4	ACRES
		_/													- 0	rden	City F	eld O	fice
	_/														Divis	ion of	Wate	Reso	urces
_																			
	For Off	ice Use	Only:	Code		Fe	e \$	00	_ TR	#		Re	ceipt	Date _	2-2	3-202	Chec	k#_/	1047

5.	Presently authorized point of diversion:				
	One in the Quarter of the	NC	Quarter of the _	NW	Quarter
	of Section, Township	27	South, Range _	31	W,
	in HASKELL County, Kansas, 3950 fe				
	Authorized Rate Authorized Quantity		Depth of well	34/ (feet)	
	(DWR use only: Computer ID No. 💍 3 GPS		feet North	feet West	:)
- 1	☐This point will not be changed ☐This point will be changed as				
- 1	Proposed point of diversion: (Complete only if change is				
	One in the NE Quarter of the				
	of Section, Township				
	in <u>HASKELL</u> County, Kansas, <u>4389</u> fe				
	Proposed Rate Proposed Quantity				
	This point is: Additional Well Geo Center List other				
L	This point is:				
، [Presently authorized point of diversion:				
٥.	One in the		Quarter of the		Quarter
	One in the Quarter of the of Section, Township		South Pange		Quarter
	in County, Kansas, fe	of North	South, Nange _	of Southeast corner	of section
	Authorized Rate Authorized Quantity	et North	Depth of well	(feet)	or section.
	(DWR use only: Computer ID NoGPS _		Deptil of Well	foot West	F).
	This point will not be changed This point will be changed as				
	Proposed point of diversion: (Complete only if change is				
	One in the Quarter of the				
	of Section, TownshipinCounty, Kansas, fe	ot North	South, Range _	of Southoost corner	of section
	Proposed Rate Proposed Quantity				
	This point is: Additional Well Geo Center List other				
L	This point is. Additional Well Geo Center List other	water right	s triat will use triis pe)IIIC	•
7.	The changes herein are desired for the following reasons?				
	(please be specific)		No	orth	
		300	200 100	0 100 200	300 TTT 4
		E		<u> </u>	4
8.	If a well, is the test hole log attached? ⊠ Yes ☐ No	E	141+1-	Ī	3
		200	+ + -	= + +	200
9.	The change(s) (was)(will be) completed by?	E	/	- '	\=
		100	1 + 1 + 1 -	= 1 + 1 + 1	100
		1		<u> </u>	¥
10.	If the point of diversion is a well:	ŧ		Ξ	1
	(a) What are you going to do with the old well?	West 0	dualuntanlantin		0 East
		#		=	1
		100	1+1+1-	$\frac{1}{2}$ + +	100
	(b) When will this be done?	E \		Ξ	/=
		E		<u> </u>	
11.	Groundwater Management District recommendation attached?	200 =	141+1-	= + +/	200
	☐ Yes ☐ No	E		= -/-	=
12	Assisted by AT/GCFO	ĒII		<u> </u>	Щ
14.	Assisted by AT/GCI O	300	200 100	0 100 200 outh Scale: 1 hashmark	300
13a	If the proposed point of diversion will be relocated more than 300	101 /5::			-
	feet but within 2,640 feet of the existing point of diversion, attach a topographic map or aerial photograph. For groundwater	13b. If the p	proposed point of dive	ersion will be relocated oint of diversion, indica	within a 300
	sources, show all wells (including domestic) within one-half mile	on the	diagram shown abov	e in relation to the ex	isting point o

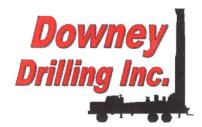
foot radius of the existing point of diversion, indicate its location on the diagram shown above in relation to the existing point of diversion. The proposed point of diversion must be located within the circle shown above. (PLEASE NOTE: The "X" in center of diagram above represents the presently authorized point of diversion.)

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

14. If the proposed groundwater point of diversion is 300 or fewer feet fro	m the existing point of diversion, complete the following:
(a) Does the undersigned represent all owners of the currently author ☐ Yes ☐ No (If no, all owners must sign this application)	
 (b) Will the ownership interest of any owner of the currently author affected if this application is approved as requested? ☐ Yes ☐ No (If yes, all owners must sign this application) 	
(c) If this application is not approved expeditiously, will there be sublined Yes ☐ No (If no, all owners must sign this application)	
If the application proposes a surface water change in point of diversion, a or a change in place of use, the application must be signed by all owners agent (attach notarized statement authorizing representation).	
I hereby verify, being first duly sworn upon my oath or affirmage and the owner, the spouse of the owner, or a duly authori their behalf, in regards to the water right(s) to which this appropriate in this application are true, correct and complete.	zed agent of the owner(s) to make this application on lication pertains. I further verify that the statements
Dated at Garden City, Kansas, this	23rd day of February , 2022.
Ita MI	Laren UsruL
STEVE MARYS	Karon Invita
(Please Print)	(Please Print)
	Hanera Gurul
(Owner)	(Spouse)
Tristan Uhrsh	Vanessa Unruh
(Please Print)	(Please Print)
(Owner)	(Spouse)
(Please Print)	(Please Print)
State of Kansas	IE DAVIS IC – State of Kansas es: 4: 29: 34
I hereby certify that the foregoing application was signed in n	rol
of February , 20 22 . (Bol: Dans
My Commission Expires 4 - 29 - 2024	Notary Public
ONLY COMPLETE APPLICATIONS WILL BE PROCESSED. To be complete, all caccurate information; maps, if necessary, must be included; signatures of all the apthe appropriate fee must be paid.	
FEE SCHEDU	<u>LE</u>
Each application to change the place of use or the point of diversion unde forth in the schedule below: Make checks payable to: Kansas Department	nt of Agriculture
 (1) Application to change a point of diversion 300 feet or less (2) Application to change a point of diversion more than 300 feet 	\$100 \$200
(3) Application to change the place of use	
	FEB 2 3 2022

SUMMARY ORDER APPROVING APPLICATION FOR CHANGE AND IMPOSING CONDITIONS

pro Wit	visions of the Kansas Water Appropriation Law, K.S.A. 82a-70	b, as amended, and K.A.R. 5-5-1, et seq. and other applicable 01 et. seq., and rules and regulations promulgated thereunder, this Summary Order does not change the terms, conditions and
1.	A change application was received on diversion authorized under the above-referenced file number	requesting that the place of use and / or point of be changed as described in the application.
2.	On and after the effective date of this summary order, the auth the topographic map accompanying the application to change	orized place(s) of use shall be located substantially as shown on ge the place of use. Applicable Not Applicable
3.	The change in point of diversion shall not impair existing rights previously authorized. The point of diversion authorized by radius of the authorized point(s) of diversion.	s and shall be limited to the same source or sources of water as this summary order shall be located within a
4.	The point(s) of diversion described herein is administratively Positioning System (GPS), as described in the application.	y corrected to be more accurately described using the Global Applicable 🔲 Not Applicable
5.	The point(s) of diversion authorized herein shall not actually be authorized point(s) of diversion. Applicable	e located more than feet from the previously t Applicable
6.	As required by K.A.R. 5-3-5d, if the works for diversion is a we or other device suitable for making water level measurement K.A.R. 5-6-13. Applicable Not Applicable	ell with a diversion rate of 100 gallons per minute or more, a tube ts shall be installed, operated and maintained in accordance with
7.	December 31, 20 , or before the first use of water, voperated and maintained in accordance with K.A.R. 5-1-4 th	perly install an acceptable water flow meter on or before whichever occurs first. The water flow meter shall be installed, grough 5-1-12. As required by K.S.A. 82a-732, as amended, and the reading of the water flow meter and the total quantity of water g the end of each calendar year.
8.	Installation of the works for diversion of water shall be cauthorized extension of time. By March 1, 20 the a works for diversion has been completed, on the form provided Applicable Not Applicable	ompleted on or before December 31, 20, or within any pplicant shall notify the Chief Engineer that construction of the ed by the Chief Engineer, as required by K.A.R. 5-8-4e.
9.	The completed well log shall be submitted with the require	ed notice. DApplicable D Not Applicable
10.	with an in-line, automatic, quick-closing check valve capable	reign substance will be injected into the water shall be equipped to of preventing pollution of the source of the water supply. The accordance with K.A.R. 5-3-5c. Applicable \(\square\$\text{Not Applicable}\)
11.	Additional Conditions are attached. Yes No	
12.	water appropriated under the above-referenced file number limitations, as amended and/or supplemented by this Summa Appropriation Law and the Rules and Regulations promule.	R. 5-5-14, all of the owners of the authorized place(s) of use of er are responsible for compliance with its terms, conditions and mary Order, and with applicable provisions of the <i>Kansas Water</i> gated thereunder. Failure to comply with these provisions may ended, and/or the suspension or revocation and dismissal of the its authorized by law.
	Administrative Appeal and Effective Date of Order	FOR OFFICE USE ONLY
you Eng Agr filed adn day revisible Leg 665	ou are aggrieved by this order, pursuant to K.S.A. 82a-1901, a may request an evidentiary hearing before the Chief gineer or request administrative review by the Secretary of riculture. A request for hearing by the Chief Engineer must be d within 15 days of service of this Order and a request for ministrative review by the Secretary must be filed within 30 yes pursuant to K.S.A. 77-531. Any request for administrative riew must state a basis for review pursuant to K.S.A. 77-527. The early request with Kansas Department of Agriculture, gal Division, 1320 Research Park Drive, Manhattan, KS 502. Failure to timely request a hearing or review may reclude review under the Kansas Judicial Review Act. For Use by Register of Deeds	By: Duly Authorized Designee of the Chief Engineer (Print Name):
		My commission expires: JULIE JONES My Appointment Expires My Appointment Expires Notary Not



CUSTOMER NAME: STEVE UNRUH

LEGAL: NW 17-27S-31W

COUNTY: HASKELL CO, KS

GPS: 37 42' 17"N N37. 704857

100 44' 29" W W W OD. 741373

			IOCCEP:		W 00 1			04.040
TW	FROM	то	LOGGER: DRILLER:	HARDNESS	COLOR	SPEED	WO:	21-213 OTHER / DRILLING
100	PROM		TYPE	HARDNESS	COLOR	SPEED	PULL DOWN	ACTION
	0	35	TOP SOIL, FINE SAND, SANDY CLAY	SOFT	TAN	FAST		SMOOTH
	35	70	MED/COARSE SAND, GRAVEL, FINE, MED, COARSE SAND	FIRM	RED	FAST		CHATTER
	70	130	SANDY CLAY, BROWN CLAY LAYERS, MED, COARSE SAND	SOFT	TAN	FAST	-	SMOOTH
	130	203	BLUE CLAY	STICKY	BLUE	BIT SLOW		SMOOTH
	203	217	MED, COARSE SAND, GRAVEL	FIRM	RED	FAST		CHATTER
	217	258	BROWN CLAY STATIL Alan	SOFT	BROWN	FAST		SMOTH
	258	305	MED, COARSE SAND, GRAVEL	FIRM	RED	FAST		CHATTER
	305	310	SANDY CLAY, BROWN CLAY LAYERS, MED, COARSE SAND	SOFT	TAN	FAST		ѕмоотн
	310	316	MED, COARSE SAND, GRAVEL	FIRM	RED	FAST		CHATTER
	316	322	SANDY CLAY	SOFT	TAN	FAST		SMOOTH
	322	336	MED, COARSE SAND, GRAVEL	FIRM	RED	FAST	4	CHATTER
	336	445	SANDY CLAY W/ MED, COARSE GRAVEL	SOFT	TAN/RED	FAST		SMOOTH/CHATTER
Х	445	490	BROKEN BROWN ROCK, SANDSTONE, FINE SAND	TIGHT	MIX			CHATTER
X	490	596	FINE SAND, TR SANDSTONE	TIGHT	GRAY		į.	SMOOTH
	596	620	SHALE	TIGHT	BLACK			SMOOTH
			QUIKGEL - 3/4 PALLET					
			EZ MUD - 1 GAL					
,			WATER - 4 LOADS					
			HOLEPLUG - 2 BAGS					
			CASING SEAL - 1 BAG					
+								
\dashv								
\dashv								
\dashv								
-								





OTHER SERVICES:

STEVE UNRUTH

COMPANY

: DOWNEY DRILLING INC

WELL

: STFVE UNRUT TH#1

LOCATION/FIELD

COUNTY

: HASKELL

LOCATION

SECTION

LOG TOP

BIT SIZE

: NW 27S/31

: 17

TOWNSHIP

RANGE:

KB

DF

GL

DATE

: 12/21/21

DEPTH DRILLER : 620

LOG BOTTOM : 622.20

: 1.00

LOG MEASURED FROM: GL

PERMANENT DATUM : GL

DRL MEASURED FROM: GL

: 1903

CASING DIAMETER: 10. CASING TYPE :

CASING THICKNESS:

LOGGING UNIT

FIELD OFFICE RECORDED BY : DDI : BENI

BOREHOLE FLUID

: MUD

FILE : ORIGINAL

MAGNETIC DECL. : 0

: 6.25

NEUTRON MATRIX : LIMESTON

MATRIX DENSITY : 2.71

RM

TYPE : 8144A

RM TEMPERATURE

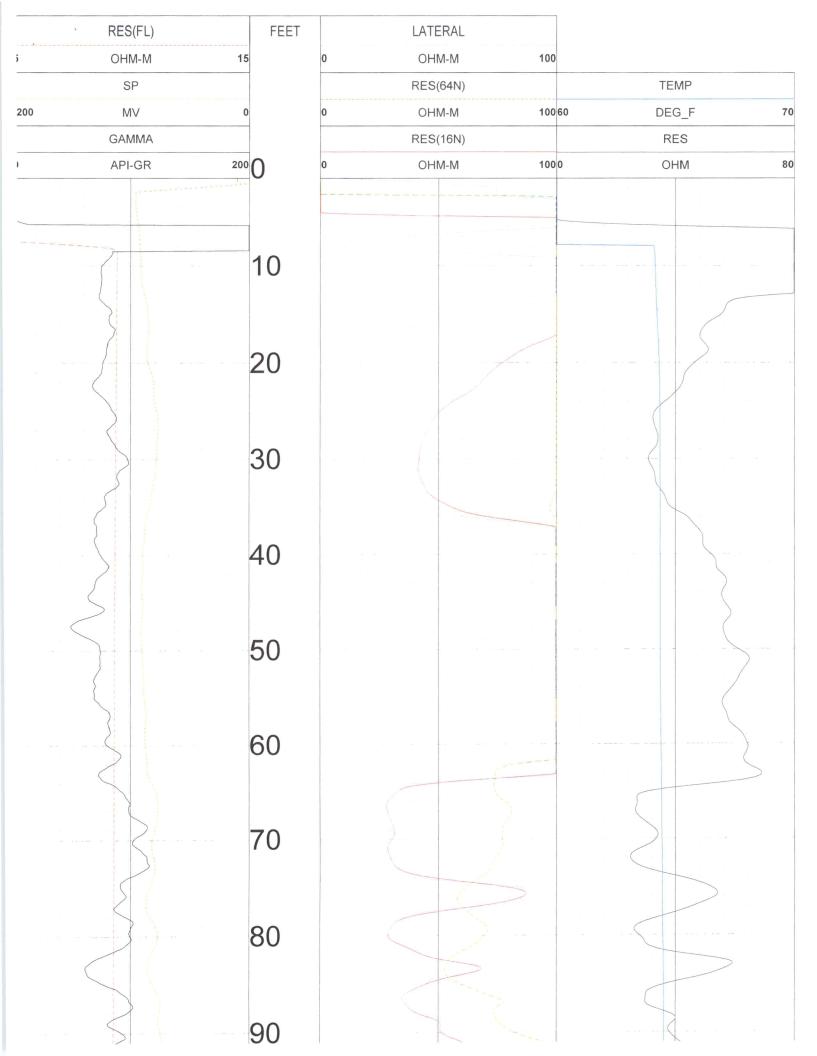
MATRIX DELTA T : 49

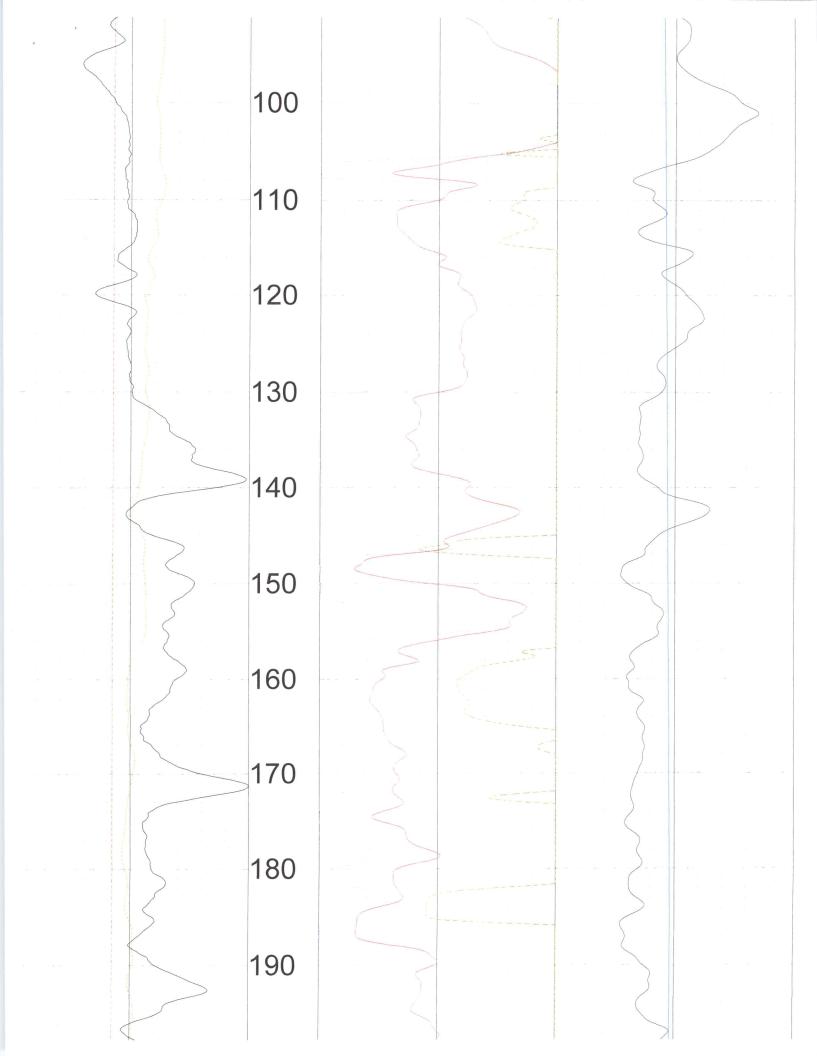
LGDATE: 12/21/21 LGTIME: 18:46:

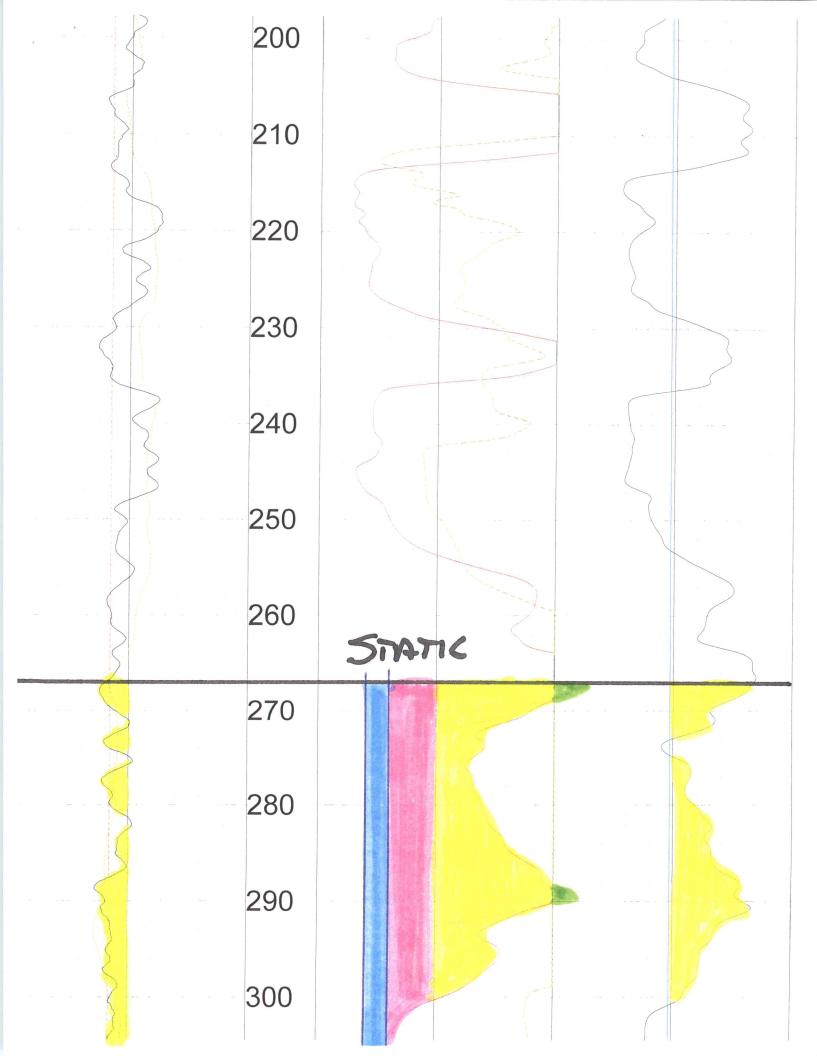
THRESH: 99999

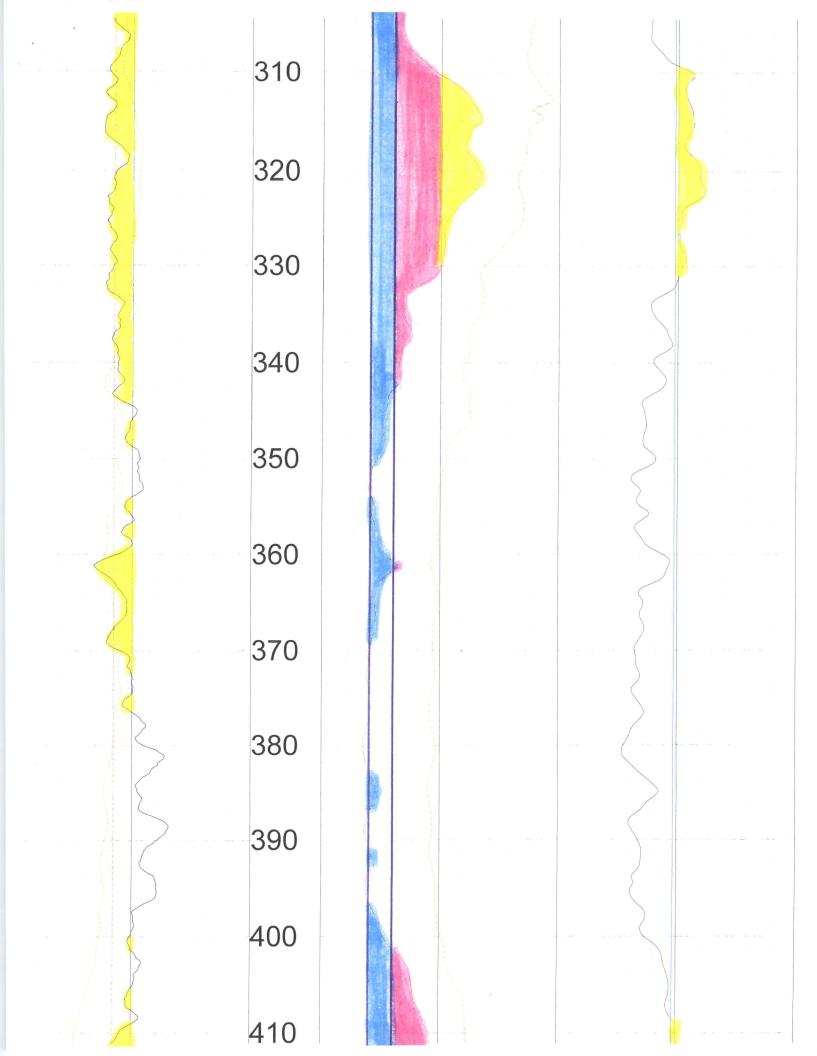
N 37"42"1 W 100"44"2

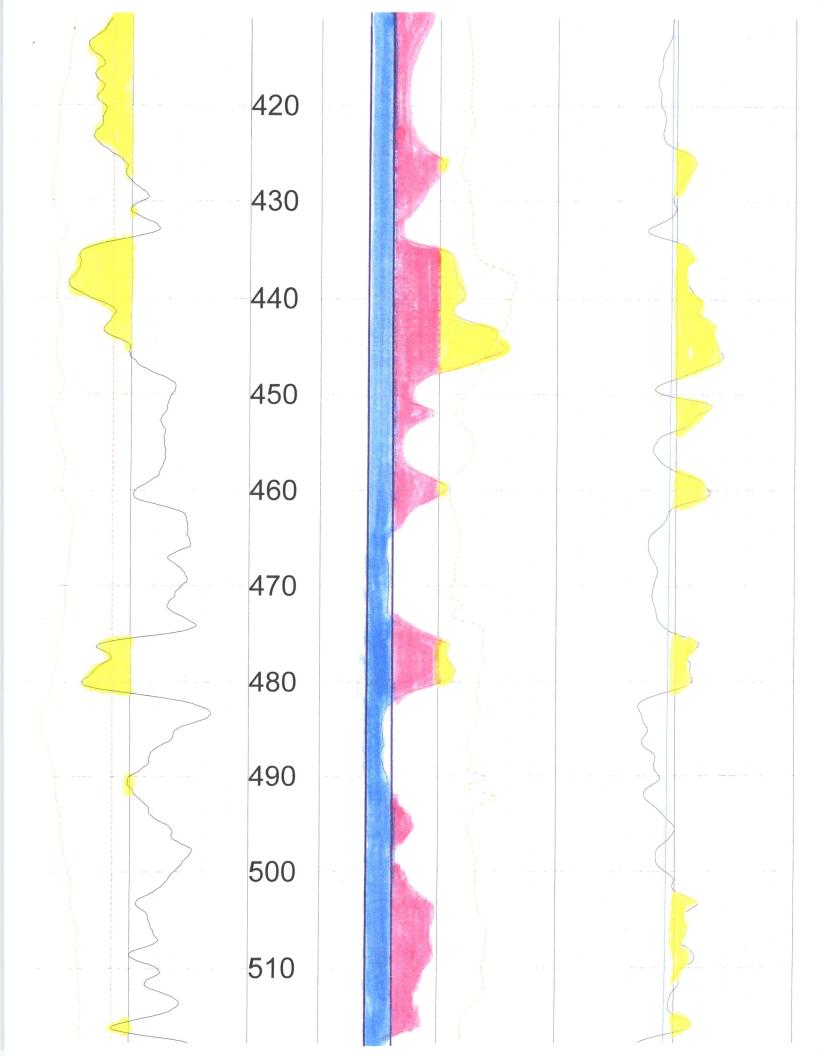
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

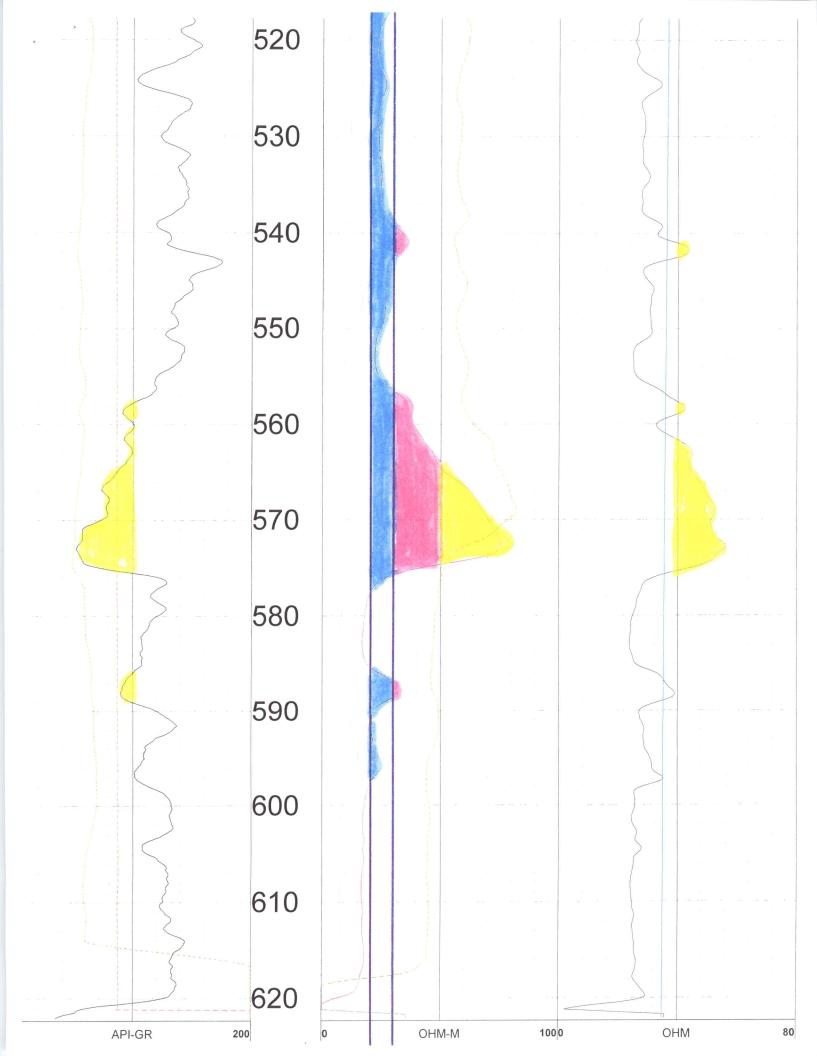












	GAMMA	
·200	MV	0
	SP	
5	OHM-M	15
	RES(FL)	

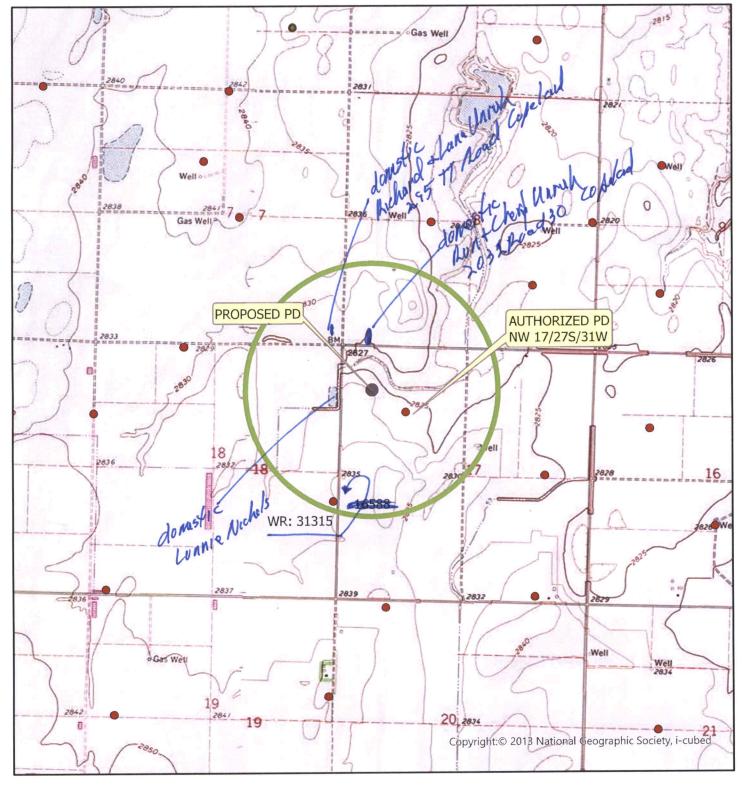
FEET

	RES(16N)			RES	
0	OHM-M	100	60	DEG_F	70
	RES(64N)			TEMP	
0	OHM-M	100			
,	LATERAL				

TOOL CALIBRATION STEVE UNRUTH 12/21/21 18:46 TOOL 8144A TM VERSION 1 SERIAL NUMBER 365

	DATE	TIME	SENSOR	STAN	IDARD	RES	PONSE
1	Sep09,20	09:08:33	GAMMA	1.000	[API-GR]	0.000	[CPS]
	Sep09,20	09:08:33	GAMMA	340.000	[API-GR]	292.000	[CPS]
2	Sep09,20	09:32:04	RES(FL)	1.331	[OHM-M]	7595.000	[CPS]
	Sep09,20	09:32:04	RES(FL)	42.720	[OHM-M]	64820.000	[CPS]
3	Sep10,20	08:27:30	SP	0.000	[MV]	327793.313	[CPS]
	Sep10,20	08:27:30	SP	390.000	[MV]	155565.500	[CPS]
4	Sep10,20	08:28:21	RES(16N)	0.000	[OHM-M]	3456.300	[CPS]
	Sep10,20	08:28:21	RES(16N)	1956.000	[OHM-M]	448149.094	[CPS]
5	Sep10,20	08:29:13	RES(64N)	0.000	[OHM-M]	3150.900	[CPS]
	Sep10,20	08:29:13	RES(64N)	1991.800	[OHM-M]	447597.813	[CPS]
6	Sep09,20	09:30:45	TEMP	33.400	[DEG_F]	66910.000	[CPS]
	Sep09,20	09:30:45	TEMP	105.800	[DEG_F]	269401.000	[CPS]
7	Sep10,20	08:29:42	RES	0.000	[OHM]	21274.301	[CPS]
	Sep10,20	08:29:42	RES	945.000	[OHM]	190164.500	[CPS]

CHANGE IN POINT OF DIVERSION 44886



Township 27 South Range 31 West HS County

All wells of any kind within a half mile of the proposed point of diversion are shown: 0 0.13 0.25 0.5 Miles

POINT OF DIVERSION



Name and Address of Title Insurance Company: First American Title Insurance Company 1 First American Way, Santa Ana, California 92707

FIRST AMERICAN TITLE INSURANCE COMPANY

COLEDINE A

Amount of mountains.

Date of Policy:

September 25, 2020 at 2:58PM

Address Reference:

W/2 Sec 17-T27S-R31, Haskell County, Kansas 67837

Simultaneous Policy:

5011300-3521427e

Name of Insured:

Prairie Ag Land Partnership

2. The estate or interest in the Land that is insured by this policy is:

Fee Simple

Title is vested in:

Prairie Ag Land Partnership, a Kansas general partnership

The Land referred to in this policy is described as follows:

The West Half (W/2) of Section Seventeen (17), Township Twenty-seven (27) South, Range Thirty-one (31) West of the 6th P.M., Haskell County, Kansas.

FIRST AMERICAN TITLE INSURANCE COMPANY Countersigned by Haskell County Abstract & Title Company

By Suzan Kimball, License #KS 6113534

Authorized Signatory



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

March 28, 2022

Mike A Meyer Division of Water Resources 4532 W Jones Ave., Suite B Garden City, Kansas 67846

RE:

Application for Change in Point of Diversion

Water Rights, File Nos. 23675 & 44886

Dear Mike:

We have completed a review of the application for the above referenced water right. The proposed change in point of diversion is in accordance with current area rules, K.A.R. 5-23-3, as it pertains to minimum spacing to neighboring wells and distance moved.

Well evaluations were conducted to estimate possible effects of the proposal on the supply of other wells with water rights prior to the proposal per K.S.A. 82a-708b, and the draft revised management program. Under K.S.A. 82a-708b, an applicant requesting a change in point of diversion must demonstrate to the chief engineer that any proposed change is reasonable and will not impair. The enclosed report is an analysis performed by the GMD on behalf of our membership. Under this analysis, the proposed change is considered to be reasonable and unlikely to impair if either the net in-season well-to-well effect of the proposed change is less than a strict maximum allowable threshold (4.0 ft on the sections saturated thickness greater than 200 ft), or if no well with a net well-to-well effect exceeding the threshold is identified as critical. Critical wells are identified as wells that are expected to either lose or greatly diminish water supply over the next 25 years. The attached review information is based on a Theis analysis using inputs from the GMD3 aquifer model, which is considered to be the best information on well and aquifer data readily and easily available to the public. If either the applicant or the neighbors believe they have better data that might change the result of the analysis, they should contact GMD3. Conclusions of the well analysis may change if better information on well and aquifer data can be made available.

Every neighboring well within 1 mile of the proposed move was evaluated. Evaluations showed that none of the neighboring wells exceeded the net effect above the maximum allowable threshold and no critical wells determined. We did not receive any comments from neighbor notices. Therefore, GMD3 sees this move as meeting current rules and would recommend approval of the applications. If aquifer conditions change or there is a change to the water right in the future, we would be happy to evaluate the effects at that 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

Garden City Field Office Division of Water Resources

GMD3 Change Review

File No(s).: <u>23675 & 44886</u>. DWR office: <u>GC</u>.

App filed to change: PD.

Is Landowner(s) correct in WRIS: <u>Steve Unruh</u>.

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) 03 being changed.

	ft. North	ft. West	
Authorized PD	3950	3920	Sect 17-27-31 HS
Proposed PD	4389	4649	
Difference	-439 n	-729 w	
a2 + b2 = c2	192721	531441	850.9771 foot move NW

GPS for proposed PD: Lat: <u>37.704857</u> Long: <u>-100.741373</u>.

Is proposed PD stacking on existing WRs? <u>Same overlap, both WRs moving.</u>

Is Proposed PU overlapping existing WRs? No Change.

Neighboring certified well(s) notified: __.

Name Ronald & Cheryl Unruh (7101, domestic).

Address 2032 30th Rd.

Zip Copeland, KS 67837.

Email: _sherwynunruh@gmail.com Phone: _620-668-5055.

Name Lonnie & Janell Nichols (13875, domestic)

Address 2189 40th Rd.

Zip Copeland, KS 67837.

Email: lonnienic@gmail.com Phone: 620-272-4915.

Name Sherwyn & Kari Ann Unruh (14354, 16308, domestic).

Address 2036 30th Rd.

Zip Copeland, KS 67837

Email: sherwynunruh@gmail.com Phone: 620-668-5055.

Name Richard & Lana Unruh (14732, domestic).

Address 295 TT Rd.

Zip Copeland, KS 67837.

Email: runruh62@gmail.com Phone: 620-271-2458.

Name Kelly & Danesa Nightengale JT (27780).

Address 642 Road SS.

Zip Sublette, KS 67877.

GMD3 Change Review

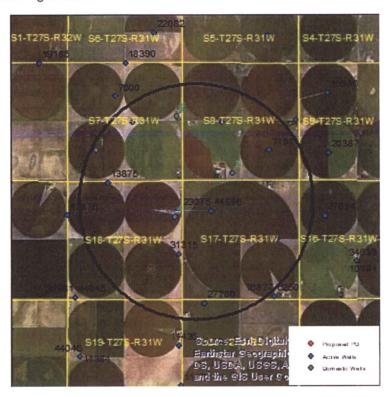
Email: 1	hercules knight@hotmail.com Phone: 620-668-5848.
Address Zip	Eugene & Cheryl Davis (31315) 121 Road LL. Sublette, KS 67877. dirtrider76@me.com Phone: 620-272-1497.
Address Zip	<u>Steve & Karen Unruh (42078).</u> <u>650 WW Rd.</u> <u>Copeland, KS 67837.</u> <u>sunruh2658@gmail.com</u> Phone: <u>620-757-404</u> .
Name Address	well(s) notified: Weston & Sandy Unruh (N@ NE sect 17-27-31). 2075 30 th Road. Copeland, KS 67837.
Irr. Return 23675 aut 44886 aut LIMITED No log on Proposed 2020 GMI Recent wa Is a waived wells appe	Acres: a-Flow% chorized: 353AF @ 720gpm chorized: 353AF @ 1200gpm D TO 353AF/year @ 1200gpm, 1900' minimum spacing current well. well around 620' D3 inspection showed 529gpm. ater use (2012-2021): 258.4AF/year avg., no recent gpm on WURs r needed:Move less than half mile and minimum spacing to neighboring cars met. Analysis showed no critical wells and met guideline criteria
	ndation: After review of all available information, it appears current area rules staff therefore recommends approval of the applications.
	12

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MAR 2 8 2022

Evaluation of proposed move for Water Right Nos. 23675 & 44886

Proposed: Move water right nos. 23675 & 44886 a distance of 840 ft to the northwest.



Wells within 1 mile14354 & 16308, 7101, 13875, 31315, 1901 & 42078, 27780, and four domestic wells, numbered on the above map.

The saturated thickness at the proposed well location is estimated to be 319 ft, based upon the driller's log and an observation well in section 9-27-31. For saturated thickness greater than 200 ft, the drawdown allowance is 4.0 ft.

50 year Theis Analysis: The following values were used to run the analysis:

S = 0.1175, T = 18,063 ft²/day, $tp_{current} = 111$ days (based on observed rate and reported quantity), $Q_{current} = 529$ gpm (based on 2020 field inspection), $tp_{proposed} = 67$ days, $Q_{proposed} = 1200$ gpm

Theis drawdowns were calculated as follows:

14354 & 16308: Drawdown from current location = 1.07 ft

Drawdown from proposed location = 1.67 ft

Net drawdown = 0.6 ft

7101: Drawdown from current location = 1.11 ft

Drawdown from proposed location = 1.59 ft

Net drawdown = 0.5 ft

13875:

Drawdown from current location = 0.95 ft

Drawdown from proposed location = 1.58 ft

Net drawdown = 0.6 ft

31315:

Drawdown from current location = 1.46 ft

Drawdown from proposed location = 2.31 ft

Net drawdown = 0.8 ft

1901 & 42078:

Drawdown from current location = 1.23 ft

Drawdown from proposed location = 1.58 ft

Net drawdown = 0.4 ft

27780:

Drawdown from current location = 1.05 ft

Drawdown from proposed location = 1.44 ft

Net drawdown = 0.4 ft

Domestic 1:

Drawdown from current location = 0.83 ft

Drawdown from proposed location = 1.31 ft

Net drawdown = 0.5 ft

Domestic 2:

Drawdown from current location = 0.99 ft

Drawdown from proposed location = 1.62 ft

Net drawdown = 0.6 ft

Domestic 3:

Drawdown from current location = 0.64 ft

Drawdown from proposed location = 2.60 ft

Net drawdown = 1.0 ft

Domestic 4:

Drawdown from current location = 1.75 ft

Drawdown from proposed location = 3.66 ft

Net drawdown = 1.9 ft

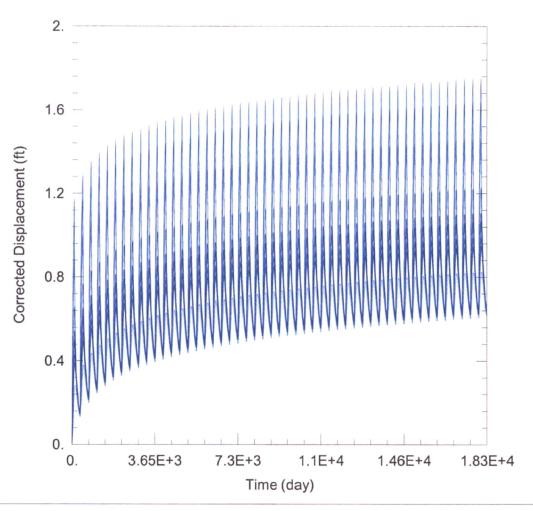
Net drawdown does not exceed the drawdown allowance of 4.0 ft for any well within 1 mile of the proposed location. Therefore, critical well analysis is not necessary.

Conclusion:

The proposed move is likely to create minimal effects on neighboring wells and is unlikely to cause impairment. GMD3 staff recommends approval of this proposal.

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MAR 2 8 2022



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2022_moves\23675_44886\23675 & 44886 Current.aqt

Date: 03/16/22 Time: 15:14:15

PROJECT INFORMATION

Company: GMD 3
Project: 23675 & 44886
Location: Haskell County

WELL DATA

 Pumping Wells

 Well Name
 X (ft)
 Y (ft)

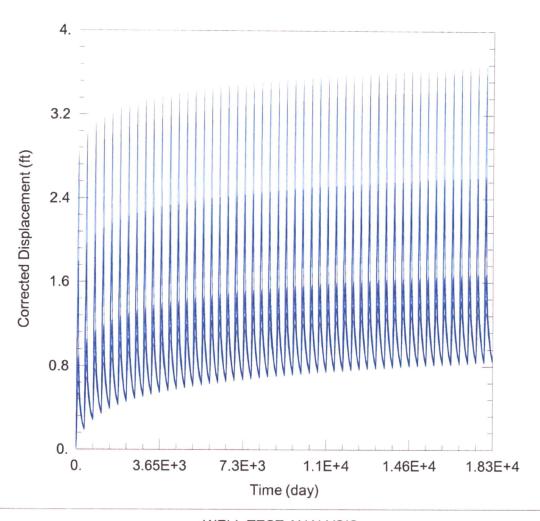
 23675 & 44886
 17516
 301728

Observation	n Wells
	V /ft

Well Name	X (ft)	Y (ft)
0	17516	301728
14354 & 16308	17959	305727
7101	20118	304446
13875	12829	302982
a 31315	16042	299823
1901 & 42078	20468	300474
27780	17201	297624
Domestic 1	12289	304453
Domestic 2	15941	305977
Domestic 3	18473	303431
Domestic 4	15833	301449

SOLUTION

Califica Mashadi. Their



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2022_moves\23675_44886\23675 & 44886 Proposed.aqt

Date: 03/16/22 Time: 15:14:06

PROJECT INFORMATION

Company: GMD 3
Project: 23675 & 44886
Location: Haskell County

WELL DATA

- amping weno							
Well Name	X (ft)	Y (ft)					
23675 & 44886	16801	302167					

Pumping Wells

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MAR 28 2022

Garden City Field Office Division of Water Resources

Observation Wells							
Well Name	X (ft)	Y (ft)					
	16801	302167					
14354 & 16308	17959	305727					
7101	20118	304446					
13875	12829	302982					
a 31315	16042	299823					
1901 & 42078	20468	300474					
27780	17201	297624					
Domestic 1	12289	304453					
Domestic 2	15941	305977					
 Domestic 3 	18473	303431					
Domestic 4	15833	301449					

SOLUTION

hadali Haasadhaad Calistan Mathadi Tha

Water Rights and Points of Diversion Within 1 mile of point defined as:
4389 Feet N and 4649 Feet W of the Southeast Corner of Section 17 Twp 27S Rng 31W
Located at: 100.741373 West Longitude and 37.704857 North Latitude
Both SURFACE WATER and GROUNDWATER

=====		===	====	===	===			====	===:	====	====			====		====	====	
File Unit	Number		Use	ST	SR	Dist	(ft)	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Batt Auth_Quan Add_Quan
A	1901	00	IRR	NK	G		3992		SW	SE	NE	2684	1027	17	27	31W	4	140 320.00 320.00
AF A	7101	00	IRR	NK	G		4181		SW	NE	SE	1380	1150	8	27	31W	4	71 \$500.00 500.00
AF A	13875	00	IRR	NK	G		4047	<u> </u>	NW	NE	NW	5155	3300	18	27	31W	5	140 257.90 257.90
AF A	14354	00	IRR	NK	G		3699	<u>/</u>	NW	NE	SW	2633	3601	8	27	31W	乜	200.00 200.00
AF A	14732	00	IRR	NK	G		4719	<u> </u>	NW	NW	SE	2585	2505	7	27	31W	5	2300640.00 640.00
AF A	16308	00	IRR	NK	G		3699	<u>/_</u>	NW	NE	SW	2633	3601	8	27	31W	151	272.00 272.00
AF A	23675	00	IRR	NK	G*	-	840			NC	NW	3950	3920	17	27	31W	3	353.00 353.00
AF A	27780	00	IRR	NK	G		4561	<u>′</u> _	NE	NW	NW	5115	4125	20	27	31W	3	/ 300.00 300.00
AF A	31315							,				2005		18	27	31W	2	306.00 306.00
AF	42078					- 1						2684		-				/ 1900
A_AF																	U	1200
A_AF	44886					•						3950	3920	. 17	21	31W	3	353.00 .00
Total Net Quantities Authorized: Direct Storage																		
Total	Reque	ste	d Am	oun'	t (2	AF) =			.00)			.00			1	`	100
Total	Permi	tte	d Am	oun	t ()	AF) =			.00)			.00			1	u	ing Appeals
Total	Inspe	cte	d Am	oun	t (2	AF) =			.00)			.00					/ //
Total	Pro_C	ert	Am	oun	t (2	AF) =			.00	0			.00					
Total	Certi	fie	d Am	oun	t (2	AF) =	3	314	3.90)			.00					met
Total	Veste	d	Am	oun	t (2	AF) =			.00	0			.00				3	161.
momer	21101111	-						21 4	2 0	^			0.0				/	1

Total Vested Amount (AF) = .00 .00TOTAL AMOUNT (AF) = 3148.90 .00An * after the source of supply indicates a pending application for change under the file number. An * after the ID indicates a 15 AF exemption was granted under 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 mile of point defined as:
4389 Feet North and 4649 Feet West of the Southeast Corner of Section 17 Twp 27S Rng 31W
Located at: 100.741373 West Longitude and 37.704857 North Latitude
Both SURFACE WATER and GROUNDWATER

WATER USE CORRESPONDENTS:

	===			====		==
	Fi	le Number Use ST SR				
	>	STEVE & KAREN UNRUH				
	/				ADD licant	
/	>	650 WW RD	1901		Applicant	
	>	COPELAND KS 67837	, .			
	>					
	>	RONALD D & CHERYL D UNRUH				
	>		1			
	>	2032 30TH RD	7101			
	>	COPELAND KS 67837	/ 1 -			
	>					
	>	LONNIE & JANELL NICHOLS				

> 2189 40TH RD > COPELAND KS 67837 >-----> SHERWYN & KARI ANN UNRUH > COPELAND KS 67837 /4354 > RICHARD D & LANA K UNRUH > COPELAND KS 67837 /4732 SHERWYN & KARI ANN UNRUH > COPELAND KS 67837 > 2036 30TH RD , STEVE & KAREN UNRUH 23675 - 198 > 650 WW RD > COPELAND KS 67837 > KELLY R & DANESSA L NIGHTENGALE JT > SUBLETTE KS 67877 27780 > EUGENE R & CHERYL F DAVIS > 121 ROAD LL 313/5 > SUBLETTE KS 67877 >-----> STEVE & KAREN UNRUH 42078 - Applicant > 650 WW RD > COPELAND KS 67837 >-----> STEVE & KAREN UNRUH 44886 - APP > COPELAND KS 67837

RECEIVED

MAR 2 8 2022

Garden City Field Office Division of Water Resources



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

Mike Beam, Secretary

Laura Kelly, Governor

March 14, 2022

SOUTHWEST KANSAS GROUNDWATER MANAGEMENT DISTRICT NO. 3 2009 E SPRUCE ST GARDEN CITY KS 67846

Re:

Request for Recommendation

Water Right, File Nos. 23675 & 44886

Dear Mr. Norquest:

This is to advise you that Steve Unruh, has filed an application for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, to change the point of diversion. The application meets all rules and regulations.

We are delaying action on the change applications to allow you time to review and provide a recommendation. Please submit a recommendation within 15 days from the date of this letter.

Thank you and as always feel free to contact this office at any time.

Sincerely,

Michael A. Meyer

Water Commissioner

MAM Enclosures



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

Mike Beam, Secretary

Laura Kelly, Governor

February 28, 2022

EUGENE R & CHERYL F DAVIS 121 ROAD LL SUBLETTE, KS 67877-8087

Re:

Water Right, File No. 23675 & 44886

Dear Sir:

This is to advise you that Steve Unruh has filed applications for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, for change in point of diversion under the above referenced application.

You can find the complete applications posted by water right file number as referenced above at www.agriculture.ks.gov/divisions-programs/dwr/water-appropriation/notices

You are notified of this proposed point of diversion (well) so that you may furnish this office with any comments or other information you may want to submit. Such comments or other information must be received in this office within 15 days from the date of this letter.

Should you have any questions, please feel free to call this office. If you would prefer, an appointment could be arranged for additional assistance. Please refer to the file number when you contact us if you wish to discuss a specific file. Sincerely,

Sincerely,

Michael A. Meyer Water Commissioner

MAM

Pc:



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

Mike Beam, Secretary

Laura Kelly, Governor

February 28, 2022

LONNIE NICHOLS 2189 40TH ROAD COPLENAD KS 67837

Re:

Water Right, File No. 23675 & 44886

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Sincerely,

Michael A. Meyer

Water Commissioner

MAM

Pc:



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

Mike Beam, Secretary

Laura Kelly, Governor

February 28, 2022

RONALD D & CHERYL D UNRUH 2032 30TH RD COPELAND, KS 67837

Re:

Water Right, File No. 23675 & 44886

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Sincerely,

Michael A. Meyer

Water Commissioner

MAM

Pc:



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

Mike Beam, Secretary

Laura Kelly, Governor

February 28, 2022

RICHARD D & LANA K UNRUH 295 TT RD COPELAND, KS 67837

Re:

Water Right, File No. 23675 & 44886

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Sincerely,

Michael A. Meyer

Water Commissioner

MAM

Pc: