Kansas Department of Agriculture Division of Water Resources

CHANGE: P/D WORKSHEET

1. File Number: 18568	2. Status Change Date:	3. Change Num:	4. Field Office: 04	5. GMD:
6. Status: ⊠ Approved ☐ Der	nied by DWR/GMD	Dismiss by Reques	st/Failure to Return	7. Filing Date of Change: 12/13/18
8a. Applicant(s) WUC, Landowner New to system ☐ HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357	Person ID 66512 Add Seq# 1	8c. Landown New to sy		Person ID Add Seq# 1
8b. Landowner(s) New to system □	Person ID Add Seq#	8d. WUC New to sy	vstem □	Person ID Add Seq#
9. Documents and Enclosure(s): Documents and Enclosure(s): Documents and Enclosure(s): Documents	Seal		☑ Water Tube	o Comply: 12/31/20 Driller Copy
10. Use Made of Water From:		To: _		
			Date Prepared: 1/7/1 Date Entered:	8 By: MAM By:

100 A 1 1 1 1 1	1	*													,* , 1	- 1	-			ti Cada	
File No. 18568	3	11. Cou	nty: SV	В	asin: A	RKAN	ISAS F	IVER			St	tream:								rmation Code: 1/331	Special Use:
12. Points of Dive	ersion	7 7													Rate	and Qu	uantity				
CHK MOD															A	Authori	zed		Ad	dditional	
DEL PDIV ENT	Qualifier	S	Т	R	ID		'N	ʻW		Com	ment	(AKA I	Line)	1	Rate		Quantity af	y	Rate gpm		Overlap PD Files
ENT	SESENW	9	27	32W	17	144	48'	1223							1200		378		1200	378	NONE
DEL 69377	NENWSW	9	27	32W		262	28'	4225				And L			1200	ס	378		1200	378	NONE
CHK 4573	SESWNW	9	27	32W	1	264	45'	389	91'	- T		×5 -			1	200	378		120	0 378	NONE
				5						. Al			1 7		(BLA	NKET	RATE	AND	QUANT	TITY FOR THE	WATER RIGHT)
	1											ı								27	
					T						-							1 24	, "		
13. Storage: Rate			NF	Qu	antity _					ac/ft	A	ddition	ıal Rat	e				NF	Addi	tional Quantity _	ac/ft
14. Limitation:		af.	/yr at				gpm (_	1 4		de	cfs) w	hen co	mbine	d with	file n	umber	(s)	8 5			
Limitation:		af	/yr at				gpm (_				cfs) w	hen co	mbine	d with	file n	umber	(s)			2.4(3.2)	
15. 5YR Allocation	n: Allocation	Туре	8	Start Ye	ar		5 YR	Amou	nt		Amo	ount U	nit		Base	Acres		_ C	omment _		
16. Place of Use CHK				- 1	NE1/4			NV	V 1/ ₄			sv	V ½			S	E1/4		Total	Owner Ch	g? Overlap Files
MOD DEL			N 1	IE NW		SE 1/4	NE 1/4	NW	SW 1/4	SE 1/4	NE	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW	SW 1/4	SE 1/4			
ENT PUSE	S T R	ID	# 1		"	-	-		M 5										1 5		
				1 THE THE	1 3	100	9		7.00							Lin Y		77	4		
			- 19						1.1							61.16				7 1	
													By							Tayla Com	
	Walter St.										I LEV	L'HAT									
		4.4															44				
				-43						2.4			P)	HK							
Base Acres:	Year:		Minim	um Rea	sonab	e Qua	ntity:														
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

January 7, 2019

HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357

RE:

Approval of Application to Change the Point of Diversion

Water Right, File No. 18568

Dear Sir:

Enclosed is an order executed by the designee of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, approving the application for change under the above referenced file number.

Your attention is directed to the enclosures and to the terms, conditions, and limitations specified in this approval for change. A condition of this approval is 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.

Since this order modifies the original documents referred to above, it should be recorded with the Register of Deeds as other instruments affecting real estate. Please also submit a copy of the current ownership deed to have our records changed.

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 to call this office. If you would prefer, you could arrange an appointment for additional assistance.

Sincerely,

Michael A. Meyer

Water Commissioner

MAM: enclosures

pc: GROUNDWATER MANAGEMENT DISTRICT NO. 3

CERTIFICATE OF SERVICE

On this 7th day of January, 2019, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File No. 18,568, dated 7th day of January, 2019 was mailed postage prepaid, first class, US mail to the following:

HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357

With photocopies to:

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 use.													8	.00 A	tm
															DE	C 1 3	2018
				F	File No	. <u>1856</u>	88				TOO!				arde	n City F	ield Offic
Application is	nereby r	nade fo	or appr	roval o	of the C	Chief E	ingine	er to ch	nange	the (ch	neck or	ne or b	oth):	Div	vision	of Wate	er Resour
				□ P	lace o	f Use			Point	of Dive	ersion						
under the water	er right v	vhich is	s the s	ubject	of this	applic	ation i	n acco	rdance	e with	the cor	ndition	s desc	cribed I	pelow.		
The source of	supply i	s:		⊠ G	round	water			Surfac	ce wat	er						
Name and add				SCHOOL IN	GE BI	EEF LI	LC	da de									
Phone Number	r: ()	PHO-			3	Email	addre	ss:	783			11/2		1 4 2 -		
Name and add	dress of	Water	Use C	orresp	onder	t: SAI									e look f	1 2 20	
Phone Number	r: ()				-	Email	addre	ss:	1	4						
The presently	authoriz	ed pla	ce of u	se is:													
Owner of Land	1 N	AME:	SAME	- NO	CHAN	IGE	b*					-		prim ham	<u> </u>		
	ADDR	ESS:		-				-	- 100							-	11 T
(If there is more	than one	landov	vner, at	tach su	ppleme	ental sh	eets as	neces	sary.)	/	896	Lier	5.30	e dalla	t die	943B	Jane 1
			Ξ1/4	R			N1/4				V1/4				=1/4		TOTAL
ec. Twp. Rang	e NE¼	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	101120
	-	-					-				TIV						
			100				/							الخلطا	سنجوا	200	- Harry Live
<u> </u>	13 (13	Mindel	9917 H	-1.14.			1997				Chames	استيما					10 A C 10 A
If this applicat Owner of Land	ADDR	AME: . ESS: .					ORF.										State (pr
(If there is more		NE	Ξ1/4			N/	N1/4			SV	V1⁄4	-		SI	Ξ1/4	1	TOTAL
(If there is more		NIVA/1/	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	ACRES
	e NE1/4	INVV74					1			all the same		++-	-	1	p 45, 39 (
	e NE¼	INVV74		301	1444	/		5		15.15						1 - 3	Lati
	e NE1/4	NVV74						9.		iens,	albyt .		148	6. 10 T A		Dec 1	eg sal k e

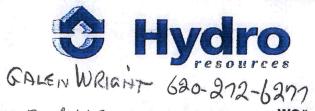
esently authoriz															
ne in the	NE	Quart	ter of the	NW	16.50	Quarter of the					SW	1	1)	(\uarter
Section	9	, Tov	vnship	27		_ So	uth, R	ange			32	W		-45	(E/W),
HASKELL		County, Kansa	as, <u>2628</u>	feet North	4:	225	_ feet	Wes	st of S	Sout	heas	t corr	er o	f sec	ction.
thorized Rate _															
WR use only: C	Computer	ID No.	7 GF	PS	(ID	feet	North	11			f	eet V	est)	
This point will not															lows:
oposed point of	f diversio	n: (Complete	only if chan	ge is reques	ted o	r if ex	cisting	poi	nt is	bett	ter de	escri	oed	by C	SPS)
ne in the	SE	Quar	ter of the	SE		Qu	arter o	of the			NW	1		_ 0	uarter
Section	9	, Tov	vnship	27	U CTL	_ So	uth, R	ange	3-1-6		32	W			(E/W),
HASKELL															
oposed Rate															
nis point is: A	dditional V	Vell ☐ Geo	Center List	other water ri	ghts t	hat w	ill use	this	point	For	to se			W/D	Maria .
Trible ages (1)								11	7113	AGINT T	D. Sale	43,454	206		THE CL
esently authoriz	zed point	of diversion:		and the same of the same	nd - com	1	,				Tar 1				
ne in the	SE	Quar	ter of the	SW		Qu	arter o	of the			NN	1		C	uarter
Section															
HASKELL															
thorized Rate															
WR use only: C	computer	ID No.	/ GI	PS	_	feet	North	1		-	f	eet V	lest)	
This point will not			S .												ows:
oposed point of							The bridge								
ne in the															
Section		. Toy	vnship			So	uth. R	ange	facel	grant.	10 108		bis	Eps	(E/W).
oposed Rate		Propos	sed Quantity			Prop	osed v	vell d	epth	(feet)		W M	4.	7
is point is: A														W.	
e changes hereing ease be specific)	REPLACE	EXISTING W	ELL	3	E	_	100	14	=		_	_		=	
				200	-1	+	1 +		=					=	
e change(s) (was					- T	Π.	i di		Ξ		1			=	
PON APPROVAL	<u> </u>			100	-1	+	1 +	- 1	=	1	+	1 +	- 1	-1	00
he point of diversi	ion is a we	ili.			=	_	-		Ξ		_	-		=	
			~IIO	West 0	Ē.,,,,	mlin	dund	mli	= (X)	11111	dun	hind	inti	H .	Fast
What are you g	oling to do	with the old we	311 ?		E	100	.,		=		1	i		1	Lust
UG OR CAP		Laure I maille bin m	ar a Balaka	dediction	E		i i i i i Na radina	11	Ξ		T	nie n		目	
) When will this b	e done? <u>U</u>	JPON COMPLE	ETION	100		+	I +	- 1		1	+	 	1	1	00
oundwater Manag			ndation attache	ed? 200		+	I +	- 1		1	+	ı + -	1	2	00
sisted by AM/CCI	FO.				Emb	ınlın	dund	mlu	ıı.ŧ	uliu	dim	had	mh	113	
sisted by AM/GCI	-0					200)	0		100	200		300	F.
et but within 2,640 topographic map	feet of the	existing point photograph.	of diversion, at For groundw	ttach 13b.lfth vater of	he ex	kisting	point	of div	ersion iversi	n will on,	be re	elocate	ed <u>w</u>	rithin ation	on the
t et	ne proposed point t but within 2,640	t but within 2,640 feet of the opographic map or aerial	ne proposed point of diversion will be reloca t but within 2,640 feet of the existing point opographic map or aerial photograph.	ne proposed point of diversion will be relocated <u>more than</u> t but within 2,640 feet of the existing point of diversion, a opographic map or aerial photograph. For groundy	ne proposed point of diversion will be relocated more than 300 thus within 2,640 feet of the existing point of diversion, attach 13b.If the opographic map or aerial photograph. For groundwater of the state of the second	ne proposed point of diversion will be relocated more than 300 t but within 2,640 feet of the existing point of diversion, attach 13b. If the propographic map or aerial photograph. For groundwater of the existing point of the existing point of diversion, attach 13b. If the propographic map or aerial photograph.	ne proposed point of diversion will be relocated more than 300 t but within 2,640 feet of the existing point of diversion, attach opographic map or aerial photograph. For groundwater of the existing	to but within 2,640 feet of the existing point of diversion, attach opegraphic map or aerial photograph. For groundwater of the existing point of the existing the e	ne proposed point of diversion will be relocated more than 300 to the proposed point of diversion, attach opographic map or aerial photograph. For groundwater of the existing point of diversion, attach of the existing point of diversion, attach of the existing point of diversion, attach of the existing point of diverses, show all wells (including domestic) within one-half mile	to but within 2,640 feet of the existing point of diversion, attach opographic map or aerial photograph. For groundwater of the existing point of diversion of the existing point of diversion of the existing point of diversion.	to but within 2,640 feet of the existing point of diversion, attach opographic map or aerial photograph. For groundwater of the existing point of diversion, attach of the existing point of diversion.	to but within 2,640 feet of the existing point of diversion, attach opographic map or aerial photograph. For groundwater of the existing point of diversion, indications and the existing point of diversion, indications and the existing point of diversion, indications and the existing point of diversion, indications are supported by Alwader of the existing point of diversion, indications are supported by Alwader of the existing point of diversion, indications are supported by Alwader of the existing point of diversion, indications are supported by Alwader of the existing point of diversion, indications are supported by Alwader of the existing point of diversion, indications are supported by Alwader of the existing point of diversion, indications are supported by Alwader of the existing point of diversion, and the existing point of diversion, indications are supported by Alwader of the existing point of diversion, and the existing point of diversion, and the existing point of diversion, indications are supported by Alwader of the existing point of diversion, and the existing point of diversion are supported by Alwader of the existing point of diversion are supported by Alwader of the existing point of diversion are supported by Alwader of the existing point of the existing point of diversion.	scale: 1 hashing the proposed point of diversion will be relocated more than 300 to the proposed point of diversion will be relocated more than 300 to the existing point of diversion, attach and the proposed point of diversion will be relocated to the existing point of diversion, indicate its proposed point of diversion.	ne proposed point of diversion will be relocated more than 300 to the existing point of diversion, attach opographic map or aerial photograph. For groundwater of the existing point of diversion, indicate its location will be relocated with the proposed point of diversion will be relocated with the existing point of diversion, indicate its location will be relocated with the existing point of diversion, indicate its location will be relocated with the existing point of diversion, indicate its location will be relocated with the existing point of diversion, indicate its location will be relocated with the existing point of diversion, indicate its location will be relocated with the existing point of diversion, indicate its location will be relocated with the proposed point of diversion will be relocated with the existing point of diversion will be relocated with the existing point of diversion will be relocated with the existing point of diversion will be relocated with the existing point of diversion will be relocated with the existing point of diversion will be relocated with the existing point of diversion will be relocated with the existing point of diversion will be relocated with the existing point of diversion will be relocated with the existing point of diversion will be relocated with the existing point of diversion will be relocated with the existing point of diversion will be relocated with the existing point of diversion will be relocated with the existing point of diversion will be relocated with the existing point of diversion will be relocated with the existing point of diversion will be relocated with the existing point of diversion will be relocated with the existing point of diversion will be relocated with the existing with the existing point of diversion will be relocated with the exist will be relo	asseted by ANN GCT O 300 200 100 0 100 200 300 South Scale: 1 hashmark=10 ft be proposed point of diversion will be relocated more than 300 t but within 2,640 feet of the existing point of diversion, attach 13b. If the proposed point of diversion will be relocated within

14. If the proposed groundwater point of diversion	on is 300 or fewer feet from	the existing point of divers	ion, complete the following:
(a) Does the undersigned represent all owr ☐ Yes ☐ No (If no, all own	ners of the currently authoriz ners must sign this applicat		ed in this application?
(b) Will the ownership interest of any owner affected if this application is approved a ☐ Yes ☐ No (If yes, all ownership interest of any ownership interest ownership interest of any ownership interest ownership interest ownership interest ownership interest ownership interest of any ownership interest ownersh			d in this application be adversely
(c) If this application is not approved exped ☐ Yes ☐ No (If no, all own	itiously, will there be substa ners must sign this applicat		oublic health or safety?
If the application proposes a surface water change or a change in place of use, the application must agent (attach notarized statement authorizing rep	be signed by all owners of	roundwater change in point the currently authorized pl	of diversion greater than 300 feet ace of use, or their duly authorized
I hereby verify, being first duly sworn up age and the owner, the spouse of the ow their behalf, in regards to the water right contained in this application are true, con	ner, or a duly authorize t(s) to which this appli	ed agent of the owner(s	s) to make this application or
Dated at	,/Kansas, this	day of	, 20
Heritage Beef L. L.C. G.	aprile length		
(Owner)		(5	Spouse)
(3alen le). Wrigh	Tolpass		
(Please Print)	es	(Ple	ase Print)
(Owner)	<u> </u>	A 4 - 1	Spouse)
(CWIICI)		Alex 10 of 10 of	
(Please Print)	<u> </u>	(Ple	ease Print)
19 to 1 to 18 to 1		The state of the s	Let of U. Mark Carlot State He C.
(Owner)			Spouse)
(Please Print)	Tradition of the secure in	TAMMY FLOWERS	ase Print)
State of Kansas)	STE NOTARY	NOTARY PUBLIC	
County of Finney SS		STATE OF KANSAS MY APPT. EXPIRES	
I hereby certify that the foregoing application	ation was signed in my	5-28.2021	before me this 13 day
of	ation we digited in my		The state of the s
		James Ho	711150
526 2221		Nota	ry Public
My Commission Expires 5.28-2021	5780 S. S. S. S. S.		
ONLY COMPLETE APPLICATIONS WILL BE PROCE accurate information; maps, if necessary, must be included the appropriate fee must be paid.	SSED. To be complete, all of uded; signatures of all the appr	the applicable portions of the a opriate owners' must be affixed	application form must be completed wit d to the application and notarized; and
the appropriate fee must be paid.			
1. O.S. P. January Street in the distribution of	FEE SCHEDULI		i-d bthe emplication for out
Each application to change the place of use or the forth in the schedule below: Make checks payable			banied by the application lee set
(1) Application to change a point of dive	ersion 300 feet or less		\$100
 (2) Application to change a point of dive (3) Application to change the place of use 	rsion more than 300 feet se		\$200 \$200
aniax3 instrinctors visit			
Documber 15, 2022			
the state of the second of the state of the			
DWR 1-121 (Revised 04/5/2018)	Page 3		File No.

SUMMARY ORDER APPROVING APPLICATION FOR CHANGE AND IMPOSING CONDITIONS

pro Wit	visions of the Kansas Water Appropriation Law, K.S.A. 82a-706b, as amended, and K.A.R. 5-5-1, et seq. and other applicable visions of the Kansas Water Appropriation Law, K.S.A. 82a-701 et. seq., and rules and regulations promulgated thereunder, in the exception of those conditions expressly contained herein, this Summary Order does not change the terms, conditions and tations of File No. 18568
1.	A change application was received on <u>le cember 13, 2018</u> 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 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 Point(s) of diversion described using the Global Positioning System (GPS), as described in the application.
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 \square\$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, 20 17, 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, 20 , or within any authorized extension of time. By March 1, 20 , 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 <i>Kansas Water Appropriation Law</i> and the <i>Rules and Regulations</i> 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 FOR OFFICE USE ONLY
If yo	bu are aggrieved by this order, pursuant to K.S.A. 82a-1901,
you	may request an evidentiary hearing before the Chief
	ineer or request administrative review by the Secretary of iculture. A request for hearing by the Chief Engineer must be By:
filed	within 15 days of service of this Order and a request for
day	ninistrative review by the Secretary must be filed within 30 pursuant to K.S.A. 77-531. Any request for administrative (Print Name):
revi	ew must state a basis for review pursuant to K.S.A. 77-527. Division of Water Resources - Kansas Department of Agriculture
	any request with Kansas Department of Agriculture, pat Division, 1320 Research Park Drive, Manhattan, KS Date of Issuance: Tanuary 7, 20/9
665	02. Failure to timely request a hearing or review may
pre	SS
	For Use by Register of Deeds County of
	Acknowledged before me on
	by Michael A. Meuer
	Signature:
	JULIE JONES
	My commission expires: My Appointment Expires
	Notary Sear 15, 2022

3795 W. Jones Ave. Garden City, KS 67846 PH: 620-277-2389



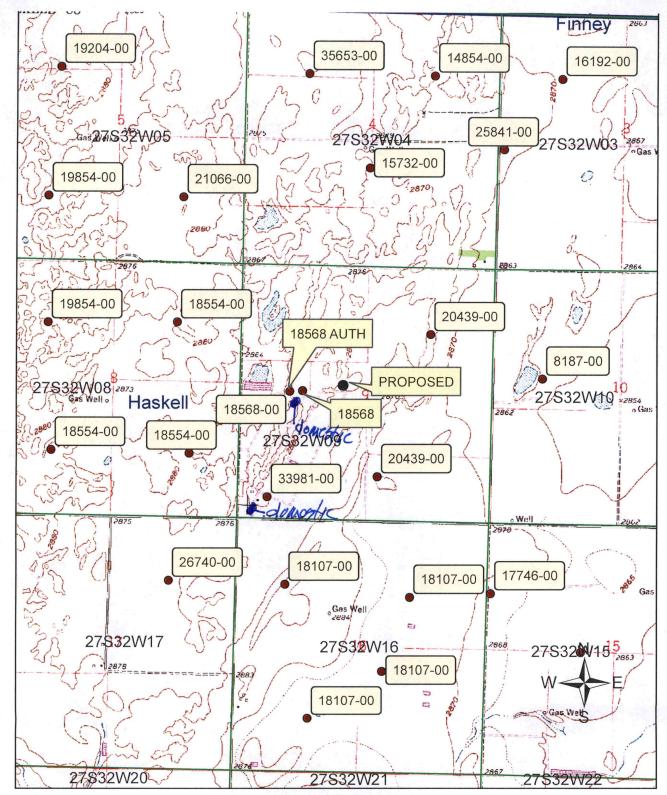


PO Box 639 Garden City, KS 67846 Fax: 620-277-0224

Customer	Name:	Heritage Beef	LLC	24.00	WO#:	14768	Date:	2-4.	-18	
Street Add		1506 RDA			Test #:	3	E LOG:			
City, State	e: .	SUBLE THE.	The state of the s		Driller:	Dale Ga	ninn			
County:	Haskell	Quarter: NW	Section:	9	Township:	27	Range:	32		
Location:				GPS:	N37,71530	W100.8	2668 279	5 N	3171	V
Rig#:	10002		Elevation: 2		Static WL: A					
			•		Proposed We	ell Depth	610			
						/ NOOF	IR' Cur	-		

		Footage		INCHOE 10' SUMP
%	From	Pay	To	Description of Strata
	0		2	TOP Soil
	2		21	Brown Sandy Clay
	21		47	Fine sand w/few clay stringers
	47		56	Sand fine to med course when clay stringers
	56		60	Brown Clay w/some lime rock
	60		105	Sand fine to med course small med large gravel
4-17	105		118	Brown Clay
EA H	118		141	Sand fine to med course small gravel
	141		151	Brown Clay
	151		164	Sand fine to mad course
	164		172	Brown Sandy Clay
	172		202	Sand fine to med course small gravel
	202		240	Brown Sandy Clay w/ couple sand ladges
	240		261	Sand fine to mad course when clay stringers - Dvilled Tigh
	261		289	Sand fine to med course small gravel w/few clay stringe
30	289	4424	3.44	Sand fine to med course small gravel
25	344	18.	342	Sand fine to med course w/couple clay ledges
5	362	5	367	Brown Sandy clay w/ many fine sand strips
10	367	37	404	Fine Sand w/someclay stringers
5	404	39	443.	Brown Sandy clay wimany fine sand strips
	443		451	Brown Clay -Sticky -
10	451	26 9	477	Sandstone + some soapstone w/some brown vock -used little
5	477	16)	493	Sandstone & Soapstone
	493		513	Soupstone wifew sandstone strips
	513		577	Shile
5	577	23	600	Sandstone 4 Shale
	600		700	Shale
				Super Gel X -6
	- Haralti			Grout -5
	4 4 3			Best. Plug 3/4 -6
				Perma Plag -1 43/4 Drag Black -1
				4-14 Wrog Blade -1

TOPO! map printed on 12/06/18 from "Untitled.tpo" 100.83333° W NAD27 100.81667° W 2864 ROAD 20 2876 10. Replacement Well Location 1530° N. 100.82668° W 2873 Gas Well o Heritage Beef LLC, Test Hole #3 of 12-4-18, NW 9-27-32 HS 2862 ROAD-PP o Well ... 2875 2876 ©2007 National Geographic; ©2005 Tele Atlas, Rel. 8/2005 100.83333° W NAD27 100.81667° W TN†MN NATIONAL GEOGRAPHIC 0.5 miles 51/2° 0.0 0.5 km 12/06/18



1 inch = 2,000 feet

File No. 18568 Change Point of diversion

All wells within half mile been plotted.

Water Rights and Points of Diversion Within .50 miles of point defined as: 2795 ft N and 3171 ft W of the SE Corner of Section 9, T 27S, R 32W Located at: 100.826682 West Longitude and 37.715302 North Latitude GROUNDWATER ONLY ______ File Number Use ST SR Dist (mi) Q4 Q3 Q2 Q1 FeetN FeetW Sec Twp Rng ID Batt Auth_Quan Add_Quan Unit A__ 18568 00 STK NK G* .16 -- SE SW NW 2645 3981 9 27 32W 378.00 378.00 AF 1 .20 -- NE NW SW 2628 4225 9 27 32W Same 7 A 20439 00 IRR NK G .40 -- NE SW NE 3865 1340 9 27 32W 6 278.00 278.00 AF .39 -- NW SW SE 888 2395 9 27 32W 9 314.00 314.00 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) = .00 970.00 Total Vested Amount (AF) = .00 .00 TOTAL AMOUNT (AF) = 970.00 .00 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 .50 miles of point defined as: 100.826682 West Longitude and 37.715302 North Latitude GROUNDWATER ONLY WATER USE CORRESPONDENTS.

File Number Use ST SR 18568 00 STK NK G

HERITAGE BEEF LLC

> 2600 FLYNN DR

> PARSONS KS 67357

>-----

20439 00 IRR NK G

HERITAGE BEEF LLC

> 2600 FLYNN DR

> PARSONS KS 67357

Meyer, Mike [KDA]

From:

Meyer, Mike [KDA]

Sent:

Wednesday, December 19, 2018 9:45 AM

To:

'Norquest, Jason (Norquest@gmd3.org)'

Subject: Attachments: recommendation for change applications, 18568 and 26575 20181219092225568.pdf; 20181219092143145.pdf

Jason

Good morning

See the attached files for request for a recommendation for two (separate projects) applications for change in point of diversion

thanks

Michael A. Meyer, L.G. Water Commissioner Kansas Department of Agriculture Division of Water Resources Garden City Field Office (620)-276-2901

My email has changed: mike.meyer@ks.gov

http://agriculture.ks.gov



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

January 4, 2019

Michael A. Meyer Division of Water Resources 2508 N Johns Street Garden City, Kansas 67846

RE:

Application for Change in Point of Diversion

Water Right, File No. 18568

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 distance moved and minimum spacing to neighboring wells.

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 K.S.A. 82a-710 (b) and (c), and the draft revised management program. It is considered unreasonable to dis-allow any new effects from a proposal, so a standard maximum drawdown allowance applied over 50 years is used under an assumption the proposed well is pumped at maximum authorized rate and quantity. A drawdown allowance is used based on saturated thickness. The maximum reasonable or de minimis effect is used to screen for water right wells that need more investigation for a critical well result from the proposal. A critical well is a strong candidate for water right impairment. The attached review information is based on the Theis and GMD3 model tools and considered the best information available. Conclusions of the well analysis may change if better information on well and aquifer data can be made available.

Records indicate that all but one of the neighboring wells reviewed are owned/operated by the applicant. Review of the logs for each neighboring well, within a mile, shows one irrigation well (WR 20439) had calculations determine that they could potentially be critical wells. Reasonably lower pumping rates by the proposed well would lower the drawdown effect to less than the threshold for accepted de minimis effect, based on current conditions.

We had a phone conversation with the applicant representative, Galen Wright, to discuss this proposed redrill. He stated that their normal operating practice is to pump around 450gpm. This rate is less than the determined rate, 1000gpm, that would mitigate concerns on the neighboring critical well. After review of the analysis and discussion with the applicant, it is therefore recommended that the application be approved.

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

RECEIVED

JAN 0 4 2019

GMD3 Change Review

File No(s).: <u>18568</u>. DWR office: <u>GC</u>.

App filed to change: PD.

Is Landowner(s) correct in WRIS: <u>Heritage Beef.</u>

If NO, is documentation included?

Is Water Use Correspondent correct in WRIS? Yes.

If NO, is documentation included?

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

Point of diversion ID No(s) <u>07</u> being changed.

Authorized PD		ft. West			
	2628	4225 9	Sect 9-27-32		
Proposed PD	2795	3171			
Difference	-167 n	1054			制を対す
a2 + b2 = c2	27889	1110916	1067.148	foot move NE	
GPS for propose				00.82668	
s proposed PD s	tacking on exi	sting WRs?	<u>No</u> .		
s Proposed PU o	overlapping ex	isting WRs	?		
Land Owner(s) n	otified:				
Name .	N	Name .			

Name __. Name __.

Address __. Address __.

Zip __. Zip __.

Neighboring certified well(s) notified: __.

Name __. Name __.

Address _. Address _.

Zip __. Zip Domestic well(s) notified: __.

 Name
 __.

 Address
 __.

 Zip
 __.

 Zip
 __.

Base Acres: __.
Perfected Acres: __.
Irr. Return-Flow %

This application is proposing to relocate the primary well, no change to standby well.

Staff ran the well evaluations for this proposed change. Only one well within a mile was not owned by the applicant. ALL wells do meet minimum spacing.

Our evaluation shows one potential critical well that can be mitigated with a rate less then 1000gpm. I had a phone conversation with Galen, as we believed, he doesn't pump the well over 450gpm in order to meet the needs of the feedlot. This rate is a lot lower than the 1000gpm effect we showed in evaluations.

Is a waiver needed: NO.

GMD3 Change Review

Final Recommendation: After review of all available information, it appears the proposal meets minimum standards for the current area rules. The evaluation shows that a maximum rate of 1000gpm with give minimal reasonable effects to neighboring wells, which are also owned by the applicant, is more than standard operation of the well by the applicant.

RECEIVED

JAN 0 4 2019

Water Rights and Points of Diversion Within 1.00 miles of point defined as: 2795 ft N and 3171 ft W of the SE Corner of Section 9, T 27S, R 32W Located at: 100.826682 West Longitude and 37.715302 North Latitude GROUNDWATER ONLY



ile:	Number		Use	ST	SR	Dist	(ft)	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID Batt	Auth_Quan		
	8187	00	IRR	NK	G		4180		SE	SW	NW			10	27	32W	1	640.00	640.00	AF 23°
	15732	00	IRR	NK	G		4534		NC	N2	S2	2000	2640	4	27	32W	2	414.00	414.00	AF 210
_	18107	00	IRR	NK	G		4281		NE	SW	NW	3910	4150	16	27	32W	5	240.00	230.00	AF /5
ame							4692		NE	SW	NE	3639	1579	16	27	32W	6	254.00	242.00	AF /
	18554	00	STK	NK	G		3462		NW	SE	SE	1310	1040	8	27	32W	5	107.01	107.01	
ame							3675			NC	NE	4085	1340	8	27	32W	8	200.00	200.00	AF U
	18568	00	STK	NK	G*	511	1824		SE	SW	NW	2645	3981	9	27	32W	1	378.00	378.00	AF /90
ame						PRT	1067	>	NE	NW	SW	2628	4225	9	27	32W	7			
	20439	00	IRR				2121						1340	9	27	32W	6	278.00	278.00	AF
ame							2059		NW	SW	SE	888	2395	9	27	32W	9	314.00	314.00	AF 14
	21066	00	IRR	NK	G		5106			NC	SE	1310	1300	5	27	32W	3	188.00	188.00	AF
	33981	00	STK	NK	G		2672		SE	SW	SW	425	4404	9	27	32W	10	357.99	357.99	AF ·
	Net Qu						ed:	Di				Sto	orage						10 6	1
	Reques								.00				.00					Spacing	101	- 1
	Permit								.00				.00					1		
	Inspec								.00				.00							
	Pro_Ce								.00				.00							
	Certif							334	9.00	0			.00							
	Veste								.00				.00							
OTAL	AMOUNT	Г			(2	AF) =		334	9.00	0			.00							

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: 100.826682 West Longitude and 37.715302 North Latitude

GROUNDWATER ONLY
WATER USE CORRESPONDENTS:

File Number Use ST SR

A_ 8187 00 IRR NK G Only one not owned by applicant!

Serve Heiman Enterprises LP

9460 S COUNTY ROAD 15

GARDEN CITY KS 67846

A_ 15732 00 IRR NK G

HERITAGE BEEF LLC

> 2600 FLYNN DR

>-----

A_ 18107 00 IRR NK G

> PARSONS KS 67357

> HERITAGE BEEF LLC

- PARSONS KS 67357		
A_ 18554 00 STK NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A_ 18568 00 STK NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A_ 20439 00 IRR NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A_ 21066 00 IRR NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A_ 33981 00 STK NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357	> 2600 FLYNN DR	
A 18554 00 STK NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A 18568 00 STK NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A 20439 00 IRR NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A 21066 00 IRR NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A 33961 00 STK NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357	> PARSONS KS 67357	
HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A_ 18568 00 STK NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A_ 20439 00 IRR NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A_ 21066 00 IRR NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A_ 33981 00 STK NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357	>	
2600 FLYNN DR PARSONS KS 67357 A_ 18568 00 STK NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A_ 20439 00 IRR NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A_ 21066 00 IRR NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A_ 33981 00 STK NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357	A 18554 00 STK NK G	
2600 FLYNN DR PARSONS KS 67357 A	> HERITAGE BEEF LLC	
DARSONS KS 67357 A 18568 00 STK NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A 20439 00 IRR NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A 21066 00 IRR NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A 33981 00 STK NK G HERITAGE BEEF LLC 3 2600 FLYNN DR PARSONS KS 67357	>	
A_ 18568 00 STK NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A_ 20439 00 IRR NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A_ 21066 00 IRR NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A_ 33981 00 STK NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A_ 33981 00 STK NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357	> 2600 FLYNN DR	
A 18568 00 STK NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A 20439 00 IRR NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A 21066 00 IRR NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A 33981 00 STK NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357	> PARSONS KS 67357	
HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A 20439 00 IRR NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A 21066 00 IRR NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A 33981 00 STK NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357	>	
2600 FLYNN DR PARSONS KS 67357 A_ 20439 00 IRR NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A_ 21066 00 IRR NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A_ 33981 00 STK NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357	A 18568 00 STK NK G	
2600 FLYNN DR PARSONS KS 67357 A_ 20439 00 IRR NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A_ 21066 00 IRR NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A_ 33981 00 STK NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357	> HERITAGE BEEF LLC	
PARSONS KS 67357 A 20439 00 IRR NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A 21066 00 IRR NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A 33981 00 STK NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357	생겼다. 내용 가장 하다 그는 그 30 전세 없었다.	
A 20439 00 IRR NK G > HERITAGE BEEF LLC > 2600 FLYNN DR > PARSONS KS 67357 A 21066 00 IRR NK G > HERITAGE BEEF LLC > 2600 FLYNN DR > PARSONS KS 67357 A 33981 00 STK NK G > HERITAGE BEEF LLC > 2600 FLYNN DR > PARSONS KS 67357	> 2600 FLYNN DR	
A_ 20439 00 IRR NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A_ 21066 00 IRR NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A_ 33981 00 STK NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357	> PARSONS KS 67357	
HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A 21066 00 IRR NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A 33981 00 STK NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357	>	
> 2600 FLYNN DR > PARSONS KS 67357 A 21066 00 IRR NK G HERITAGE BEEF LLC > 2600 FLYNN DR PARSONS KS 67357 A 33981 00 STK NK G HERITAGE BEEF LLC > 2600 FLYNN DR PARSONS KS 67357	A 20439 00 IRR NK G	
2600 FLYNN DR PARSONS KS 67357 A 21066 00 IRR NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A 33981 00 STK NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357	> HERITAGE BEEF LLC	
PARSONS KS 67357 A 21066 00 IRR NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A 33981 00 STK NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357		
A 21066 00 IRR NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A 33981 00 STK NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357	> 2600 FLYNN DR	
A 21066 00 IRR NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A 33981 00 STK NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357	> PARSONS KS 67357	
HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357 A 33981 00 STK NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357	>	
2600 FLYNN DR PARSONS KS 67357 A 33981 00 STK NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357	A 21066 00 IRR NK G	
> 2600 FLYNN DR > PARSONS KS 67357 A 33981 00 STK NK G > HERITAGE BEEF LLC > 2600 FLYNN DR > PARSONS KS 67357	> HERITAGE BEEF LLC	
PARSONS KS 67357 A 33981 00 STK NK G HERITAGE BEEF LLC 2600 FLYNN DR PARSONS KS 67357	> 10 T	
A 33981 00 STK NK G > HERITAGE BEBF LLC > 2600 FLYNN DR > PARSONS KS 67357	> 2600 FLYNN DR	
A 33981 00 STK NK G HERITAGE BEBF LLC 2600 FLYNN DR PARSONS KS 67357	> PARSONS KS 67357	
HERITAGE BEEF LLC > 2600 FLYNN DR > PARSONS KS 67357	>	
> 2600 FLYNN DR > PARSONS KS 67357	A 33981 00 STK NK G	
PARSONS KS 67357	> HERITAGE BEEF LLC	
PARSONS KS 67357	[12] : [1] : 무섭게 B - [1] : [14] [14] [14]	
	> 2600 FLYNN DR	
	> PARSONS KS 67357	
	>	

RECEIVED

JAN 0 4 2019

Garden City Field Office Division of Water Resources

INPUTS	
Target Section Definition	
Section	9
Township	27
Range	32
Range Direction	W
Target Point Coordinates (NA	D27 or NAD83)
Target Longitude	-100.826680
Target Latitude	37.715300

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.

F	Loaded Section rom LEOBASE usin	
Corner Corn	ner Latitudes	Corner Longitudes
SW	37.70769597	-100.83436344
NW	37.72223807	-100.83430242
NE	37.72219197	-100.81609860
SE	37.70765004	-100.81615962
Degrees Lon	gitude per Foot	3.45681972E-06
Degrees Lati	tude per Foot	2.74622702E-06

Target Point Distances from Corners using NAD83 Corner Feet North(+)/South(-) Feet East(-)/West(+)

SW	2769	-2223
1W	-2526	-2205
IE.	-2510	3061
SE .	2786	3043

Loaded Section Data From LEOBASE using NAD27

Corner	Corner Latitudes	Corner Longitudes
SW	37.70767200	-100.83392300
NW	37.72221400	-100.83386200
NE	37.72216800	-100.81565900
SE	37.70762600	-100.81572000
Degree	s Longitude per Foot	3.45681860E-06
Degree	s Latitude per Foot	2.74598553E-06

Target Point Distances from Corners using NAD27 Corner, Feet North(+)/South(-), Feet Fast(-)/West(+)

Comer reet inc	rui(+)/South(-) reet La	ist(-), and st(1)
SW	2778	-2095
NW	-2518	-2078
NE	-2501	3188
SE	2795	3171

Target point is In Section

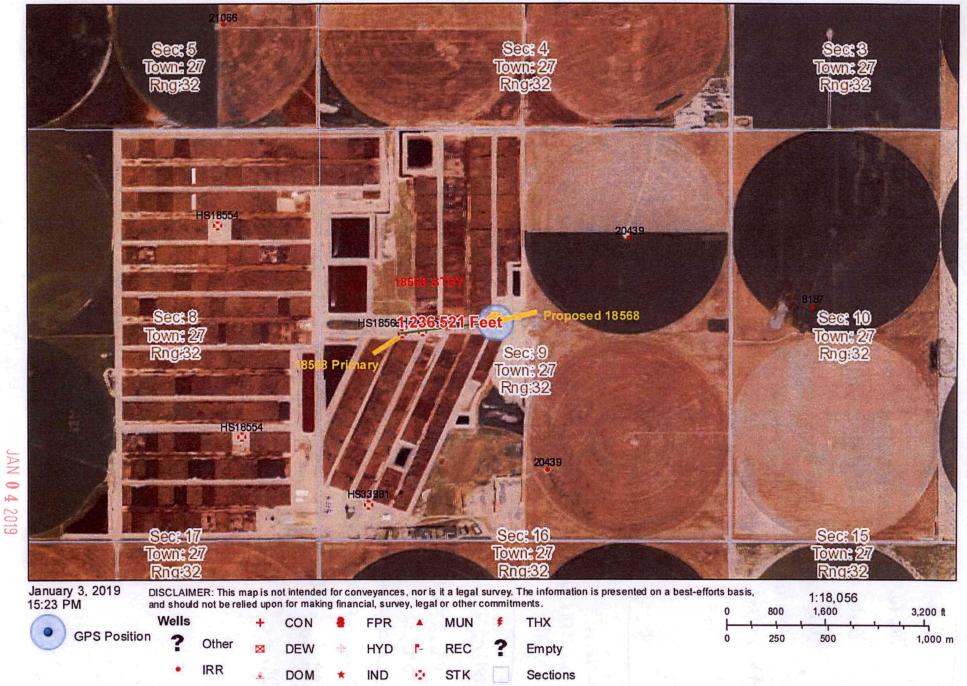
	Difference (NAD83 Min	nus NAD27)		
Corner	Corner Latitudes	Corner Longitudes		
SW	0.00002397	-0.00044044		
NW	0.00002407	-0.00044042		
NE	0.00002397	-0.00043960		
SE	0.00002404	-0.00043962		

Difference (NAD83 Minus NAD27)

Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	-8.97261426	
NW	-8 54334184	-127 40545302



18568 Review



```
Water table elevation = 2563 ft (based off WIZARD well in 15-27-32)

Surface elev at proposed location = 2884 ft

Depth to nature = 321 ft, depth to shale = 513 ft, ST=192 ft, (model ST = 2164)

Use any of 2016 t 2041 5 t T value. S= 0.1807, T=113, 205 ft

avy use = 109.71 AF, auth. use = 378 AF, assuming 60% productor time, tp=219dxy, (1318.45mm)

North 20439:

Torix = 3160 ft, sprap = 2121 ft Description ft)

Description ft Description
```

South 20439; COTES = 2548 ft, Sprif = 2063 ft, DPGO aris = 3, 50 ft) DPGO aris = 222 ft PPL oris = 0.45 ft) DPGO prop = 2,66 ft DPGG prop = 2,49 ft DPGG prop = 2,49 ft

33981: Cong = 2240 ft, Copp = 2503 ft OPso arp = 0.53 ft OPso prop = 2.10 ft

8187: Cons = 5263 ft, Comp = 4179 ft

DPs on = 0.35 ft) DPs one = 1.2 ft

DPs op = 1.53 ft

North 20 439

Surface elevation = 288 | ft, depth to nature 318 ft

depth to shale = 466 ft. Sqt. Thickness = 148 ft

Well depth = 370 ft

WC= 52 ft, and use = 197.6 AF, no abserval rate. Assume 100 days

operation. Q = 447 gpm, S = 0.1807, T=113, 205 Spd

fr, efficiency = 70%

DP25 = 2.0 Fx

$$00 = \frac{7.58}{0.7} = 10.8 ft$$

DT= 69.7 fx. > WC, so well a critical.

DE= 56.9 Fx

OP 50 pro = 2,49 Ft } DP 60 not = 2,0 fo

South 20479

at &= lovo gpm, to = 86 days ...

DP 50 on = 0.50 fr
DP 50 nep = 2,54 fr
DP 50 nep = 2,0 fr

RECEIVED

JAN 0 4 2019

Garden City Field Office Division of Water Resources



		RECORD Form Change	** ** C-3	8047	Division of War Resources App.			Well ID	
LOCA	TION OF	WATER WELL:	Fraction		Section Numb	er Township	Number	Rang	ge Number
	y: Haskell		SE 14 NW 14 SW 1		10		7 S	R 32	DEZW
Business :	HCR 1 B	GE FEEDERS OX 41	First: ZIP: 67877	direction f	rom nearest town	where well is lor intersection): If a MILES E O	at owner's	address, cl	heck here:
LOCAT				457	0	. 27	710000	ART TO HE	SA.
WITH "SECTION OF THE SECTION OF THE	X" IN ON BOX: N	Well v	Encountered: 1)	80 ft. Dry We 80 ft. -yr) 03/12/ -yr) ft. . gpm ft.	II Long Datu Source Control Co	gitude:	□ NAD 8: ngitude: odel: led? □ Ye	3 Z NA es No ic Map	AD 27
	X J	Estimated Yield:819 Bore Hole Diameter:	24 in. to 45/	ft. and	6 Elev	ation: 2861 ce: Land Surve	ft. 🔽	Ground I	Level TOC xographic Map
	nile	O BE USED AS:	in. to	ft.		Other My	AK	•••••	
1. Domestic House Lawn Liveste 2. Irrigati 3. Feedlo 4. Industr	hold & Garden ock ion	6. ☐ Dewaterin 7. ☐ Aquifer R 8. ☐ Monitorin		D	11. Test 	hil Field Water Su Hole: well ID Lased □ Uncase Chermal: how man Closed Loop □ F Open Loop □ Su Cher (specify):	d Geo y bores? Iorizontal face Disch	technical Vertical	 al Inj. of Water
	State of the Laboratory	eriological sample subm		=		te sample was su			
YPE OF : ☑ Steel ☐ Brass SCREEN (☑ Contin	SCREEN C Sta Ga OR PERFO	in. to	TERIAL: glass PVC rete tile None RE: auze Wrapped T	used (open	hole)	ther (Specify)			
CREEN-	PERFORA	TED INTERVALS: From	. 294 ft. to 364	ft., Fro	om ft.	to ft., F	rom	fl. to .	fL
		AL: Neat cement							
Grout Interv	als: From .	0 ft. to .20	. ft., From	. fl. to	ft., From	ft. to		ft.	
Septic Sewer Watert	rce of possil Tank Lines ight Sewer I	ble contamination: ☐ Lateral Line ☐ Cess Pool	Pit Privy Sewage La	agoon	☐ Livestock P☐ Fuel Storag☐ Fertilizer St	ens	Insecticide Abandone Oil Well/C	e Storage ed Water W	
0 FROM	TO	LITHOLO	GIC LOG	FROM		LITHO. LOG (LUGGING	INTERVALS
UIROM	2	SURFACE	SIC LOG	367	409	BRN CLAY. F			111111111111111111111111111111111111111
	36	BRN CLAY FEW SAN		409	425	BRN CLAY F			
6	88	SNAD FINE TO MED	. SM TO LG GRAV		440	BRN CLAY F			
8	105	BROWN CLAY		440	452	SOAPSTONE			
05	223	SAND FINE SM MED		452	458	VELLOW SO	IPSTON	E	
23	280	BLUE BROWN CLAY	FEW LIMEROCK	458	470	SHALE			
80	324	SAND FINE TO MED		Hotes					
24 42	342	SAND FINE TO MED SAND FINE . FEW C							
11 CONT		'S OR LANDOWNER'	S CERTIFICATIO	N: This v	vater well was	7 constructed	recons	tructed o	r Dhugged
under my j Kansas Wa	urisdiction ter Well Co	and was completed on (nontractor's License No me of Hydro Resource	no-day-year) .03/12/ 145 This W s Mid Continent, In	ater Well	and this record Record was co	is true to the be impleted on (mo	st of my k -day-year	nowledg	e and belief. 2012
KS Departs	ment of Health	Send one copy to WATER Was and Environment, Bureau of V	ELL OWNER and retain Water, Geology Section, 1	one for you	records. Fee of	5.00 for each constr	ucted well.	Telephone	

Owner: Heritage Feeders Location was listed as:	Location changed to:
Section-Township-Range: 10-275-32 W	9-275-32 W
Fraction (4 1/4 1/4): SE NW SW SE	SW NW SW SE
Other changes: Initial statements: Latitude: 37.7 Changed to: Latitude: 37.71008	58, Longitude: -100.8239886
Comments:	F-100 (1) 11 (1) 11 (1) 11 (1) 11 (1) 11 (1) 11 (1) 11 (1) 11 (1) 11 (1) 11 (1) 11 (1) 11 (1) 11 (1) 11 (1) 11

RECEIVED

JAN 0 4 2019

COUNTY: 0	041 HASKELL	NH :	action 1/4 SE	1/4 SE	1/4	Section 08	n Number	: Townshi	p Number S	! Range !	Nuaber N
Distance a	and direction 5.5 MILES NORT	from neares	st town or	city street	address of	well i	f located	within city?			
WATER WELL	. OWNER:	S BAR F	RANCH FEED								
	ddress, Box 1							Agriculture,		water nes	our Les
City, Stat	e, IIP code	: SUBLET	re, KS	67877-			Application	on Number: 1	B,554		
AN "X" IN	L'S LOCATION SECTION BOX:		A COLUMN TO THE RESIDENCE OF THE PARTY OF TH						2. 0	ft. 3.	0 ft
\	. NA		WELL	'S STATIC WA Pump t	TER LEVEL estdata: We	174 ft ell wat	. below la	and surface m 240 ft. afte	easured on r 4 hou	mo/day/yr rs pumping	05/11/92 1702 gp
1	1 1		: Esti	mated Yield	O opa: b	tell wa	ter was	240 ft. afte	r 4 hou	rs pumping	1702 gp
i W¦			E : Bore	Hole Diamet	er	24 in	. to 41	6 ft., and	in. to	0 ft.	
			I HELL	MATER TO BE	HEED AC. A	10010	ATTON				1 kg 1
	· S#	SEX	Was	a chemical/b	acteriologic	cal sar	ole submi	tted to depar	tment? No :		
1	SW		If y	es, mo/day/y	r sample was	subpi	tted		Water	ell disinf	ected? Ye
Casing hei TYPE OF SC	ing diameter ight above lan CREEN OR PERFO PERFORATION O	d surface DRATION MATE	12 in., ERIAL: 01	16 ft., Dia weight STEEL		to					
Casing hei TYPE OF SC SCREEN OR	ight above land CREEN OR PERFO	nd surface DRATION MATE DPENINGS ARE	12 in., ERIAL: 01 E: 01 From	16 ft., Dia meight STEEL CONT. SLOT 216 ft. to 338 ft. to	in. (42 lbs/s) 326 ft., 348 ft.,	to ft. Wa From	366 ft. 402 ft.	ess or gauge to 376 ft. to 412 ft.			
Casing hei TYPE OF SC SCREEN GR SCREEN PER	ight above land CREEN OR PERFO PERFORATION C	nd surface DRATION MATE DPENINGS ARE RVALS:	12 in., ERIAL: 01 E: 01 From From	16 ft., Dia meight STEEL CONT. SLOT 216 ft. to 338 ft. to	in. 42 lbs/-	ft. Wa	366 ft. 402 ft. 0 ft.	to 376 ft. to 412 ft. to 0 ft.			
Casing hei TYPE OF SC SCREEN OR SCREEN PER GRAV GROUT MATE Grout Inte What is th	ight above lan REEN OR PERFO PERFORATION O RFORATED INTER VEL PACK INTER	OR SUFFACE ORATION MATE OPENINGS ARE EVALS: EVALS: Oft. Urce of pos	12 in., ERIAL: 01 E: 01 From From From From From From From From	16 ft., Dia weight STEEL CONT. SLOT 216 ft. to 338 ft. to 20 ft. to 0 ft. to	in. 42 lbs/- 326 ft., 348 ft., 416 ft., 0 ft.,	From From From From	366 ft. 402 ft. 0 ft. 0 ft.	to 376 ft. to 412 ft. to 0 ft.	No250		eet? 29
Casing hei TYPE OF SC SCREEN OR SCREEN PER GRAV GROUT MATE Grout Inte What is th Direction	ight above language of the performation of the performation of the performance of the per	od surface ORATION MATE OPENINGS ARE EVALS: EVALS: ENTONITE Oft. Irce of pose	12 in., ERIAL: 01 E: 01 From From From From From From From From	16 ft., Dia Meight STEEL CONT. SLOT 216 ft. to 338 ft. to 20 ft. to 0 ft. to t., From amination: 1	in. 42 lbs/- 326 ft., 348 ft., 416 ft., 0 ft.,	From From From O	366 ft. 402 ft. 0 ft. 0 ft.	to 376 ft. to 412 ft. to 0 ft. to 0 ft.	No250		
Casing hei TYPE OF SC SCREEN OR SCREEN PER GRAV GROUT MATE Grout Inte What is th Direction FROM: 0;	ight above lan IREEN OR PERFOR PERFORATION C REFORATED INTER VEL PACK INTER ERIAL 03 BE ervals: From the nearest sou from well? WE TO ; 1 ; 01	od surface ORATION MATE OPENINGS ARE EVALS: EVALS: ENTONITE Oft. Orce of pose	12 in., ERIAL: 01 E: 01 From From From From From From From From	16 ft., Dia Meight STEEL CONT. SLOT 216 ft. to 338 ft. to 20 ft. to 0 ft. to t., From amination: 1	in. 42 lbs/- 326 ft., 348 ft., 416 ft., 0 ft.,	From From From O	366 ft. 402 ft. 0 ft. 0 ft.	to 376 ft. to 412 ft. to 0 ft. to 0 ft.	No250	Нон малу f	
Casing hei TYPE OF SC SCREEN OR SCREEN PER GRAV GROUT MATE Grout Inte What is th Direction FROM : 0 : 1 ;	ight above language of the performation of the performation of the performance of the per	OR SUFFACE ORATION MATE OPENINGS ARE EVALS: EVALS: ENTONITE Oft. UFCE OF POSE EST CLAY FINE SAND	12 in., ERIAL: 01 E: 01 From From From From From LITHCLOG	16 ft., Dia Meight STEEL CONT. SLOT 216 ft. to 338 ft. to 20 ft. to 0 ft. to t., From amination: 1	in. 42 lbs/- 326 ft., 348 ft., 416 ft., 0 ft.,	From From From O	366 ft. 402 ft. 0 ft. 0 ft.	to 376 ft. to 412 ft. to 0 ft. to 0 ft.	No250	Нон малу f	
Casing hei TYPE OF SC SCREEN OR SCREEN PER GRAV GROUT MATE Grout Inte What is th Direction FROM : 0 : 1 : 36 :	ight above lancered or Perforation Control of Perforation Control of Perforation Control of Perforation Control of Perforation	od surface DRATION MATE DPENINGS ARE EVALS: EVALS: ENTONITE Oft. Irce of position CLAY FINE SAND 11 GRE	12 in., ERIAL: 01 E: 01 From From From From From LITHCLOS	16 ft., Dia Meight STEEL CONT. SLOT 216 ft. to 338 ft. to 20 ft. to 0 ft. to t., From amination: 1	in. 42 lbs/- 326 ft., 348 ft., 416 ft., 0 ft.,	From From From O	366 ft. 402 ft. 0 ft. 0 ft.	to 376 ft. to 412 ft. to 0 ft. to 0 ft.	No250	Нон малу f	
Casing hei TYPE OF SC SCREEN OR SCREEN PER GRAV GROUT MATE Grout Inte What is th Direction FROM : 0 : 1 ;	ight above language of the performation of the performation of the performance of the per	od surface DRATION MATE DPENINGS ARE EVALS: EVALS: ENTONITE Oft. Irce of position EST CLAY FINE SAND SAND 11 GR SANDY CLAY	12 in., ERIAL: 01 E: 01 From From From From From LITHCLOG	16 ft., Dia weight STEEL CONT. SLOT 216 ft. to 338 ft. to 20 ft. to 0 ft. to t., From amination: 1	in. 42 lbs/- 326 ft., 348 ft., 416 ft., 0 ft.,	From From From O	366 ft. 402 ft. 0 ft. 0 ft.	to 376 ft. to 412 ft. to 0 ft. to 0 ft.	No250	Нон малу f	
Casing hei TYPE OF SC SCREEN OR SCREEN PER GRAV GROUT MATE Grout Inte What is th Direction FROM: 1; 36: 140;	ght above language of the performation of the performation of the performance of the perf	CLAY FINE SAND SAND 14 HE	12 in., ERIAL: 01 E: 01 From From From From From From From From	16 ft., Dia weight STEEL CONT. SLOT 216 ft. to 338 ft. to 20 ft. to 0 ft. to t., From amination: 1	in. 42 lbs/s 326 ft., 348 ft., 416 ft., 0 ft., 0 ft. to	From From From O	366 ft. 402 ft. 0 ft. 0 ft.	to 376 ft. to 412 ft. to 0 ft. to 0 ft.	No250	Нон малу f	
Casing hei TYPE OF SC SCREEN OR SCREEN PER GRAV GROUT MATE Grout Inte What is th Direction FROM: 1; 36; 140; 146;	ght above language of the performation of the performation of the performation of the performance of the per	CLAY FINE SAND SAND 14 HE	12 in., ERIAL: 01 E: 01 From From From From From From From From	16 ft., Dia Meight STEEL CONT. SLOT 216 ft. to 338 ft. to 20 ft. to 0 ft. to t., From amination: 1 IC LOG	in. 42 lbs/s 326 ft., 348 ft., 416 ft., 0 ft., 0 ft. to	From From From O	366 ft. 402 ft. 0 ft. 0 ft.	to 376 ft. to 412 ft. to 0 ft. to 0 ft.	No250	Нон малу f	
Casing hei TYPE OF SC SCREEN OR SCREEN OR GRAV GROUT MATE Grout Inte What is th Direction 1 : 36 : 140 : 146 : 149 : 207 : 229 :	ight above language in the performation of the performation of the performance in the per	CLAY FINE SAND 14 FESANDY CLAY SAND 13 FI SANDY CLAY SAND 13 FI SANDY CLAY	12 in., ERIAL: 01 E: 01 From From From From From From From From	16 ft., Dia Meight STEEL CONT. SLOT 216 ft. to 338 ft. to 20 ft. to 0 ft. to t., From amination: 1 IC LOG	in. 42 lbs/s 326 ft., 348 ft., 416 ft., 0 ft., 0 ft. to	From From From O	366 ft. 402 ft. 0 ft. 0 ft.	to 376 ft. to 412 ft. to 0 ft. to 0 ft.	No250	Нон малу f	
Casing hei TYPE OF SC SCREEN OR SCREEN OR GRAV GROUT MATE Grout Inte What is th Direction FROM: 0: 1: 36: 140: 146: 146: 149: 207: 229: 239:	ight above language of the performation of the performation of the performation of the performance of the pe	CLAY FINE SAND SAND 14 HE SANDY CLAY SAND 13 FI SANDY CLAY SAND 10 CLAY SAND 10 CLAY SAND 11 GR	12 in., ERIAL: 01 E: 01 From From From From From From From From	16 ft., Dia Meight STEEL CONT. SLOT 216 ft. to 338 ft. to 20 ft. to 0 ft. to t., From amination: 1 IC LOG 8 ROCK 10 LIMESTONE 01 CLAY	in. 42 lbs/- 326 ft., 348 ft., 416 ft., 0 ft., 0 ft. to	From From From O	366 ft. 402 ft. 0 ft. 0 ft.	to 376 ft. to 412 ft. to 0 ft. to 0 ft.	No250	Нон малу f	
Casing hei TYPE OF SC SCREEN OR SCREEN OR GRAV GROUT MATE Grout Inte What is th Direction 1 : 36 : 140 : 146 : 149 : 207 : 229 :	ight above language of the performation of the performation of the performation of the performance of the pe	CLAY FINE SAND SAND 14 HE SANDY CLAY SAND 13 FI SANDY CLAY SAND 10 CLAY SAND 10 CLAY SAND 11 GR	12 in., ERIAL: 01 E: 01 From From From From From From From From	16 ft., Dia Meight STEEL CONT. SLOT 216 ft. to 338 ft. to 20 ft. to 0 ft. to t., From amination: 1 IC LOG	in. 42 lbs/- 326 ft., 348 ft., 416 ft., 0 ft., 0 ft. to	From From From O	366 ft. 402 ft. 0 ft. 0 ft.	to 376 ft. to 412 ft. to 0 ft. to 0 ft.	No250	Нон малу f	
Casing hei TYPE OF SC SCREEN OR SCREEN OR GRAV GROUT MATE Grout Inte What is th Direction FROM: 1 : 36 : 140 : 146 : 146 : 207 : 229 : 239 : 251 : CONTRACTOR	ight above lance in the performation of the performation of the performation of the performance in the perfo	CLAY FINE SAND SAND 13 FI SANDY CLAY SAND 13 FI SAND 14 ME	12 in., ERIAL: 01 E: 01 From From From From From From From From	16 ft., Dia weight STEEL CONT. SLOT 216 ft. to 338 ft. to 20 ft. to 0 ft. to t., From amination: 1 IC LOG B ROCK CO LIMESTONE O1 CLAY This water	in. 42 lbs/: 326 ft., 348 ft., 416 ft., 0 ft., 0 ft. to 4 ABAND. MEI	From From From From From From From From	366 ft. 402 ft. 0 ft. it., Fro	to 376 ft. to 412 ft. to 0 ft. to 0 ft. to 0 ft. TO :	O ft. PLUGGIN	How many f	
Casing hei TYPE OF SC SCREEN OR SCREEN OR GRAV GRAV GROUT MATE Grout Inte What is th Direction FROM: 1	ight above lance REEN OR PERFORATION CONTROL P	CLAY FINE SAND 11 GRI SAND 12 SAND 13 FI SAND 14 ME SAND 15 FI SAND 16 CLAY SAND 17 FI SAND 18 FI SAND 19 CLAY SAND 10 CL SAND 14 ME SAND 14 ME	12 in., ERIAL: 01 E: 01 From From From From From From From From	16 ft., Dia weight STEEL CONT. SLOT 216 ft. to 338 ft. to 20 ft. to 0 ft. to t., From amination: 1 IC LOG B ROCK CO LIMESTONE O1 CLAY This water s record is	in. 42 lbs/: 326 ft., 348 ft., 416 ft., 0 ft. to 4 ABAND. MEI	From From From From From From From From	366 ft. 402 ft. 0 ft. it., Fro	to 376 ft. to 412 ft. to 0 ft. to 0 ft. to 0 ft. TO:	O ft. PLUGGING	How many f	
Casing hei TYPE OF SC SCREEN OR SCREEN OR GRAV GRAV GRAV GRAV GRAV Hat is th Direction FROM: 1; 36: 140: 146: 146: 146: 207: 229: 239: 251: CONTRACTOR COmpleted Water Well	ight above lance in the performation of the performation of the performation of the performance in the perfo	CLAY FINE SAND 13 FI SAND 13 FI SAND 14 ME SAND 15 FI SAND 16 CLAY SAND 17 FI SAND 18 FI	12 in., ERIAL: 01 E: 01 From From From From From From From From	16 ft., Dia weight STEEL CONT. SLOT 216 ft. to 338 ft. to 20 ft. to 0 ft. to t., From amination: 1 IC LOG 8 ROCK O LIMESTONE O1 CLAY This water s record is This b	in. 42 lbs/: 326 ft., 348 ft., 416 ft., 0 ft. to 4 ABAND. MEI	From From From From From From From From	366 ft. 402 ft. 0 ft. ft., Fro	to 376 ft. to 412 ft. to 0 ft. to 0 ft. to 0 ft. TO:	O ft. PLUGGING On and was ief. Kans	How many f G INTERVALS	

(Continued)

11 LOCATION OF WATER WELL: ! Section Number ! Township Number ! Range Number : Fraction COUNTY: 041 HASKELL : 08 ; T 27 : R 32 1/4 SE 1/4 SE 1/4 WATER WELL OWNER: S BAR RANCH FEEDLOT RR#, St. Address, Box # : HCR 1, BOX 41 Board of Agriculture, Division of Water Resources Application Number: 18,554 City, State, ZIP code : SUBLETTE, KS 67877-LITHOLOGIC LOG FROM ! TO 326 336 04 SANDY CLAY 05 SAND 336 07 FINE SAND 08 MEDIUM SAND 01 CLAY 349 367 ; 04 SANDY CLAY 20 LIMESTONE 05 SAND 367 : : 05 SAND 01 CLAY 376 ! 01 CLAY 20 LINESTONE 400 413 ; 05 SAND 01 CLAY 413 19 SHALE 422 ! RECEIVED JAN 0 4 2019

> Garden City Field Office Division of Water Resources

CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was Constructed under my jurisdiction and was completed on (mo/day/year) 05/08/92 and this record is true to the best of my knowledge and belief. Kansas This Water Well Record was completed on (mo/day/yr) 06/08/92 Water Well Contractor's License No. 145

under the business name of HENKLE DRILLING & SUPPLY

M. Herble

VATER WELL	RECORD	Form V	WWC-5	Div	ision of Wate	er Resources App. N	lo. 18,554
County: Haske			IC ¼ NE ¼		8	Township No. T 27 S	R 32 □E ☑W
from nearest tov	dress of Well Location; vn or intersection: If at es South & 2 East of	owner's address, che		Latitud	de:37.718 tude: 100.8	g System (GPS) i 168 N 3909 W 4, NAD 83, [(in decimal degrees) (in decimal degrees)
RR#, Street Ad City, State, ZIF	dress, Box #: 1506 R	e Feeders LP oad 30 e Ks 67877-8020		Collect	ion Method: PS unit (Mal igital Map/Ph	ke/Model: noto,	ic Map, ☐ Land Survey] 5-15 m, ☐ >15 m
S LOCATE WELL WITH AN "X" I SECTION BOX N NW	A DEPTH OF Depth(s) Groun WELL'S STAT Pum EST. YIELD Bore Hole Dian WELL WATER Domestic Irrigation Was a chemical If yes, mo	to test data: Well was test data: Well was test data: Well was test data: TO BE USED AS:	274 ft tter was .307 tter was .450 Public wal Oil field wat Domestic-lar ple submitted to	the first the fi	(2) and surface after1,5 afterin. Ge De den Me ment?	measured on mo/o hours pum hours pum to cothermal ewatering onitoring well	(3)
Casing diameter Casing height ab TYPE OF SCREE Steel Brass SCREEN OR PEF Continuous Louvered s SCREEN-PERFO	ove land surface12 N OR PERFORATION Stainless Steel Galvanized Steel RFORATION OPENING slot Mill slot hutter Key punched RATED INTERVALS:	ft., Diameter in., Weig MATERIAL: PVC None used (oper SS ARE: Gauze wrapped Wire wrapped From 280 From 425 From 25	in. ht 33.41	tolbs./ft Other (S	led holes or (specify) ft., From ft., From ft., From	□ None (open ho	ole) . to . 420
	ERIAL: Neat cen	ent Cement gro	out D Bento	nite [Other		. to ft.
Septic tank Sewer line Watertight	t source of possible con Lateral lis Cesspool sewer lines Seepage	tamination: nes	Livestock Fuel stora	pens ge [Insecticid Abandone Oil well/g	e storage Of d water well as well	ft. toft. ther (specify below)
PROM TO	well South & East LITHOLO	CICLOC	Distance	from we			UGGING INTERVALS
	Surface	JIC LOU	253	303		to med. sm grav	
	Fine Sand		303	309	Brown cla		
98 1	Fine to Med Sand .sm	gravel. cobble	309	347		to Med, sm gra	avel
	Brown Clay, limerock		347	356	Brown, w		
	SAnd fine to Med, sm		356	380	Fine sand		
	Brown Clay, Limerock		380 400	400		av.fine sand	
	Sand fine to Med coul Brown Clay	se, sm graver	426	426 445	Brown cla	ndstone & soap	etone
	Sand Fine to Med, sn	gravel	445	451		e and limestone	
	Brown Clay Limerock		451	460	Shale	o and infloatorio	
7 CONTRACTO under my jurisdict Kansas Water We	R'S OR LANDOWNE	R'S CERTIFICAT on (mo/day/year) No145 Th	is Water Well I	nd this re	ecord is true	to the best of my	knowledge and belief.
INSTRUCTIONS: U (white, blue, pink) to Telephone 785-296-5:	se typewriter or ball point po	n. PLEASE PRESS FIRE hand Environment, Bure	MLY and PRINT c eau of Water, Geo	learly. Plea logy Section your recor	ase fill in blan on, 1000 SW J ds. Include f	ks and check the corr ackson St., Suite 420	ect answers. Send three cop), Topeka, Kansas 66612-130 constructed well. Visit us

	VA T	VATER WELL:	Fraction		Section	on Number	Town	ship Number	Ran	ge Number
	ty: Haskell		NW14 SE14 SE	4 SE14		4	T			E W
WELL	LOWNER:	Last Name: Wright	First: Gallen	Street or				l is located (if	unknown,	distance and
Address:	: 195 Road	PP						: If at owner's		
City:	Sublett	State: KS	ZIP: 67877	1.00		بضد التحارض	الكالمانات		diam'r.	
SECTION SECTIO	TE WELL "X" IN ON BOX: NNE X S mile	4 DEPTH OF COM Depth(s) Groundwater 2)	MPLETED WELL: Encountered: 1)	280 ft. Dry We 80 ft. y-yr) 02/16/ /-yr) ft. gpm ft. gpm ft. ft. ft. gpm	ell /2013	Longit Datum: Source GF La On 6 Elevat Source: 10. Oil 11. Test H Cas 12. Geothe	wde:	37.72311 100.81764 84 NAD 8 le/Longitude: lke/model: enabled? Your Topograph er: 1 ft Survey GPS KOLAR er Supply: lease lD Geo w many bores?	es	(decimal degrees
Lives			al Remediation: well I					w many bores? ☐ Horizontal		
3. ☐ Feedle		☐ Air Sparge						Surface Disch		
. 🗆 Indus			☐ Injection					·):		
Vas a che	emical/bacte	eriological sample subm	nitted to KDHE?	Vec DI	Ma I	free date	comple u	1 ' 1		
				1 1 63	NO I	il yes, uate	sample w	as submitted:		
Water wel 8 TYPE (Casing dian Casing heigh	Il disinfected OF CASING meter5 ght above land	? ☑ Yes ☐ No GUSED: ☐ Steel ☑ PV	C Other							
Water wel R TYPE (Casing diar Casing heig TYPE OF Steel Brass SCREEN Conti	Il disinfected OF CASINO meter	? ☑ Yes ☐ No ☐ USED: ☐ Steel ☑ PV in. to	C Other	used (open	ASINO hole) Dril Norom .37	G JOINTS: ft., Diame Wall thickr Other	Glued eteress or gauer (Specify	Clamped C in. to ge No. SDR17	Welder	d ☐ Threaded
Water wel 8 TYPE (Casing diar Casing heig TYPE OF Steel Brass SCREEN Conti	Il disinfected OF CASING meter	PYes □NO GUSED: □ Steel □ PV	C Other	CA . in. to lbs used (open corch Cut [aw Cut ft., Fro 5 ft., Fro	ASINC	G JOINTS: ft., Diame Wall thickr Othe Iled Holes ne (Open Ho 75 ft. to	Glued eteress or gau er (Specify Other (Clamped Cin. to	Welder	d □ Threaded 435 ft. ft.
Water wel 8 TYPE 0 Casing diar Casing heig TYPE OF Steel Brass SCREEN Conti Louv SCREEN- 9 GROU	Il disinfected OF CASING meter5. ght above land SCREEN O. COMMENT STATE SCREEN O. COMMENT STATE STATE SCREEN O. COMMENT STATE	PYes □NO GUSED: □ Steel □ PV	C Other	used (open	ASINO hole) Drill Nor om37	G JOINTS: ft., Diame Wall thickr Othe	Glued eter	Clamped Cin. to	Welder	d ☐ Threaded 435
Water wel R TYPE (Casing diar Casing heig TYPE OF Steel Brass SCREEN Conti Louv SCREEN- GROU' Grout Inter Nearest son Septic Sewer Water Other	Il disinfected OF CASINO meter	Pyes No GUSED: Steel PV In to 475 ft., Surface 24 in R PERFORATION MA inless Steel Fiber Ivanized Steel Conc RATION OPENINGS A Mill Slot G Key Punched W FED INTERVALS: From AL: Neat cement O ft. to 21 De contamination: Lateral Line Cess Pool ines Steel Steel Five AL: Seepage Pit	C Other	used (open forch Cut [aw Cut aw Cut forch, Fro fentonite ft. to	ASINC hole) Dril Nor om Oth	G JOINTS: ft., Diame Wall thickr Othe Illed Holes ne (Open Ho 75 ft. to ner ft. to ner ft., From ivestock Pen uel Storage ertilizer Stor	Glued eter ess or gau er (Specify Other (le) 395	Clamped C	Welded ft. to ft. to ft. to ft. to	435 n n.
Water wel B TYPE (Casing diar Casing heig TYPE OF Steel Brass SCREEN Conti Louv SCREEN- GROU' Grout Inter Nearest so Sewer Water Other Direction fire	Il disinfected OF CASINO meter	PYes No GUSED: Steel PV	C Other	used (open forch Cut [aw Cut aw Cut forch, Fro fentonite ft. to	ASINO /ft. /ft. Dril Nor om Oth	G JOINTS: ft., Diame Wall thickr Other Company Com	Glued eter ess or gau er (Specify Other (ele) 395	Clamped C	ft. to ft. to ft. to Gas Well	d ☐ Threade
Water wel B TYPE (Casing diar Casing heig TYPE OF Steel Brass SCREEN Conti Louv SCREEN- GROU' Grout Inter Nearest so Sewer Water Other Direction fit	Il disinfected OF CASINO meter	Pyes No GUSED: Steel PV In to 475 ft., Surface 24 if R PERFORATION MA inless Steel Fiber Ivanized Steel Conc RATION OPENINGS A Mill Slot G Key Punched W TED INTERVALS: From AL: Neat cement C Offices Pool ines Seepage Pit LITHOLOG Topsoil, Clay little Fine S	C Other	used (open forch Cut [aw Cut ft., Fro fentonite ft. to	ASINO /ft. /ft. Dril Nor om Oth	G JOINTS: ft., Diame Wall thickr Other Company Com	Glued eter ess or gau er (Specify Other (ele) 395	Clamped C	ft. to ft. to ft. to Gas Well	d ☐ Threade
Water wel B TYPE (Casing diar Casing heig TYPE OF Steel Brass SCREEN Conti Louv SCREEN- GROU' Grout Inter Nearest so Sewer Water Other Direction fit FROM	Il disinfected OF CASINO meter	PYes □NO GUSED: □Steel □PV	C Other	used (open forch Cut [aw Cut ft., Fro fentonite ft. to	ASINO /ft. /ft. Dril Nor om Oth	G JOINTS: ft., Diame Wall thickr Other Company Com	Glued eter ess or gau er (Specify Other (ele) 395	Clamped C	ft. to ft. to ft. to Gas Well	d ☐ Threade
Water wel B TYPE (Casing diar Casing heig TYPE OF Steel Brass SCREEN Conti Louv SCREEN-COMMON GROU' Grout Inter Nearest son Sewer Water Other Direction fit FROM 0 20	Il disinfected OF CASING meter	Pyes □No GUSED: □Steel □PV	C Other	used (open forch Cut [aw Cut ft., Fro fentonite ft. to	ASINO /ft. /ft. Dril Nor om Oth	G JOINTS: ft., Diame Wall thickr Other Company Com	Glued eter ess or gau er (Specify Other (ele) 395	Clamped C	ft. to ft. to ft. to Gas Well	d ☐ Threade
Water wel B TYPE (Casing diar Casing heig TYPE OF Steel Brass SCREEN Conti Louv SCREEN- Grout Inter Nearest son Septic Sewer Other Direction fit FROM 0 20 40	Il disinfected OF CASING meter	Pyes No GUSED: Steel PV	C Other	used (open forch Cut [aw Cut ft., Fro fentonite ft. to	ASINO /ft. /ft. Dril Nor om Oth	G JOINTS: ft., Diame Wall thickr Other Company Com	Glued eter ess or gau er (Specify Other (ele) 395	Clamped C	ft. to ft. to ft. to Gas Well	d □ Threade
Water wel B TYPE 0 Casing diar Casing heig TYPE OF Steel Brass SCREEN Conti Louv SCREEN- Grout Inter Nearest so Septic Sewer Other Direction fi 10 FROM	Il disinfected OF CASINO meter	Pyes No GUSED: Steel PV	C Other	used (open forch Cut [aw Cut ft., Fro fentonite ft. to	ASINO /ft. /ft. Dril Nor om Oth	G JOINTS: ft., Diame Wall thickr Other Company Com	Glued eter ess or gau er (Specify Other (ele) 395	Clamped C	Weldedftft. toft. toft. e Storage d Water V Gas Well LUGGIN	d □ Threade
Water wel R TYPE 0 Casing diar Casing heig TYPE OF Steel Brass SCREEN Conti Louv SCREEN- Grout Inter Nearest soi Septic Sewer Other Direction fi 10 FROM 220 240 280 360	Il disinfected OF CASINO meter	PYes No GUSED: Steel PV	C Other	used (open forch Cut [aw Cut aw Cut forch fit, Fro fentonite fit to	ASINC /ft. /ft. Dril Nor om .37 om Oth	G JOINTS: ft., Diame Wall thickr Other Company Com	Glued eter ess or gau er (Specify Other (ele) 395	Clamped C	ft. to ft. to ft. to Gas Well	d ☐ Threade
Water wel 8 TYPE (Casing diar Casing heig TYPE OF Steel Brass SCREEN Conti Louv SCREEN- GROU' Grout Inter Nearest son Septic Sewer Water Other	Il disinfected OF CASINO meter	Pyes No GUSED: Steel PV	C Other	used (open forch Cut [aw Cut aw Cut forch fine fine fine fine sentonite fine fine fine fine sentonite fine fine fine fine fine sentonite fine fine fine fine fine fine fine sentonite fine fine fine fine fine fine fine fine	ASINC hole) Dril Nor om Oth Fu	G JOINTS: ft., Diame Wall thickr Other Company Com	Glued eter ess or gau er (Specify Other (ole) 395	Clamped C	Weldedftft. toft. toft. e Storage d Water V Gas Well LUGGIN	d ☐ Threade

3-2-		WATER WELL RE	CORD Form W	WC-5 KSA 828	I Kill The second of the second		Contract of the Contract of th
LOCATION OF WATER County: Haskell			14 NW 14	Section Number	Township I	Number S	Range Number
Distance and direction from	nearest town or city	From Garden North	City - Stree	t address of well if	located within ci	y?	Maria Alama Ta
2 WATER WELL OWNER			of Preciou	s Blood		AND STREET	Apple Salva
RR#, St. Address, Box #			A STATE OF THE STATE OF		Board of	Agriculture, Di	vision of Water Resource
City, State, ZIP Code		ity, KS 6784	5				
DEPTH OF COMPLETE	D WELL 350	ft. Bore Hole Dia	meter 26	in. to 3	50 ft., and		in. to
Well Water to be used as:		c water supply		conditioning			
1 Domestic 3 Feedle		eld water supply			12 (below)
Olrrigation 4 Industr				servation well			
Well's static water level	. 145 ft. b	elow land surface me	asured on A	ugustm			
	: Well water		ft. after		. hours pumping.	156	0 gpn
4 TYPE OF BLANK CASI							Clamped
1 Steel	3 RMP (SR)	6 Asbesto	s-Cement 9	Other (specify belo	w)	Welder	X
2 PVC	4 ABS	7 Fibergla	ss			Thread	led
Blank casing dia 16.	in to	350 ft. Di	a	. in. to	ft., Dia		in. to
Casing height above land s	surface	L2 in w	eight	.36.4 the	/ft. Wall thicknes	s or gauge No	219
TYPE OF SCREEN OR PE	RECRATION MATE	RIAL:	A in the same	7 PVC	10 As	sbestos-cemen	
1 Steel	3 Stainless steel						
		5 Fibergla 6 Concret	e tile	8 RMP (SR) 9 ABS		one used (ope	
Screen or Perforation Oper			0 1110	0 7.00	control to the second of the second		11 None (open hole)
1 Continuous slot	Mill elot		6 Wire wrapper	The second second			
2 Louvered shutter	4 Key nunc	hed	7 Torch cut	man and a character	10 Other (spec	ifv)	
Screen-Perforation Dia	16 in to	350 # I	Dia	in to	ft. Dia		in to
Screen-Perforated Intervals							290
Screen-remorated intervals							350
Gravel Pack Intervals:							
CIAVOI I den intervals.	From	ft. to	MARKS SALES				
what is the nearest source		nation:		10 Fuel	storage	14 Ab	ft. toandoned water well
1 Septic tank	4 Cess pool		Sewage lagoon	11 Ferti	lizer storage	15 Oil	well/Gas well
2 Sewer tines	5 Seepage pit		eed yard				ner (specify below)
3 Lateral lines	6 Pit privy	9 L	ivestock pens	13 Wate	ertight sewer lines	Center.	of & Section N/
Direction from well		How many feet		? Wate	Well Disinfected	? Yes	No
Was a chemical/bacteriolog	gical sample submitte	ed to Department? Y	es		lo	•••••••	: If yes, date sample
was submitted	month	day	D	ear: Pump Install	ed? Yes		Volta
If Yes: Pump Manufacturer	's nameU8	ed charomets.	Fump Mode				Vdits gal./mi
Depth of Pump Intake					trifugal 5		
	1 Submersible						
6 CONTRACTOR'S OR L	ANDOWNER'S CER	HIFICATION: This V	vater well was	constructed, (2) re-	1920		
completed on Au							уе
and this record is true to the					700		
This Water Well Record wa		ng Co., Inc.			. day		. year under the busine
		TO LICE	LITHOLOGIC LO		M TO		THOLOGIC LOG
7 LOCATE WELL'S LOCATE WITH AN "X" IN SEC		10	LITHOLOGIC LOC	, rnc	NV TO	<u>_</u>	HJOEGGIO EGG
BOX:	11011						CONTRACTOR LANCET
N					-		
I CIT	1						
1 1 NE			1	ahad l		NOTE OF THE OWNER.	
			est log att	cned			
* w	1						
SW SE							
		to the brown the first of the con-				-	
			The state of the s				
1 1 1 1							
1 1 Mile		and a second as Addition on our ba					
ELEVATION:		3101 a 6365a a a 313300 63 606 50					
ELEVATION: Depth(s) Groundwater End							eet if needed)
ELEVATION:	writer or ball point pe	en, please press firmi	v and PRINT clearly	v. Please fill in blan	ks. underline or c	ircle the correc	t answers. Send top thre



9 C. 9 . 4 .

Gene Heiman Haskell County

2 miles south 2/10 of a mile east

Entic Water Level - 120

		-
۲		æ

· j	2	Top Soil
2	9	Brown Clay
3	38	Fine Sand Tight
.3	82	Fine to Med. Sand and Gravel Loose
22	100	Brown Sandy Clay
25/13	110	Fine to Med. Sand and Gravel 20% Clay
200	197	Fine to Med. Sand and Gravel 10% Clay
900	228	Brown Sandy Clay Small Gravel Streak
3.3	259	Fine to Med. Sand and Gravel Clay Streak
The state of	268	Brown Sendy Clay Tight
2008	295	Fine to Med. Sand and Gravel Streak of Coarse Gravel Loose
88.A	307	Fine to Med. Sand and Gravel Streal of Coarse Gravel and Strip of Comented Stand Stone
307	340	Fine to Med. Sand and Gravel Loose
ary	348	Fine to Med. Sand and Gravel 15% Clay Tight
5,45	443	Brown Sandy Clay
4.50	448	Brown Yellow Clay Brown Rock Hard Pull
4.0.3	455	Shale Hard Pull Down

T. D. 350

RECEIVED

JAN 0 4 2019

KGS Water Well Database Query

Scan of WWC5 Form

		WA	TER WELL RE	CORD	Form WV/C-6	KSA 82	4-1212 ID N	ło		
		YER WELL:	Fraction				lon Number	Township Numb		
County:	Haske		HE K	SW	14 NE		16	Y 27	S R 32	G(V)
Distance on	d direction	from nearest to	own or city stree	et address o	of well if tocal	ed within cit	From w	est side of S	ublette-1 mi	le SW
on Hwy.	· 56, 1	5 miles no	orth, 3 mi	les eas	t, 3,660	ft. nor	th & 1,5	40 ft. wqst		
			d L. Kill	er True	t & 8 Ot	hors-See	Exhibit			
City. State.	ZIP Code	: P. O. : Pratt	. Kansas	67124				Application Num	ture, Division of Wa ber: 18, 107	
3 LOCATE	WELL'S LC	CATION WITH	4 DEPTH OF	COMPLET	EO WELL	385	ft. ELEVA	TION:		
AN "X" B	4 SECTION	N BOX:	Depth(s) Groun	dwater End	beveloud	1		measured on mo/day	.h. 3	ft.
ī	1 7		WELL'S STATIO	CWATERL	EVEL 444	ft. befor	w land surface	measured on mo/day	yr1/.12/.92.	••••
I	NW	1						ter t		
	MM	-NE	Est. Yield	gpn	n Well water	705	IL al	iter	ours pumping	gpm
9	i	E	WELL WATER					Air conditioning		
3 M -	1	1 6	1 Domestic			ublic water s		Ogwalering	11 Injection well 12 Other (Specify	
	SW	- SE	2) nigation					Monitoring well		
	1	1					D - 62			
I L	1			bacteriologic	zal samplo sut	emitted to Dep	extract? Yes.	NoXX .; If	yos, moldaylyrs sai	mple was sut
S TYPE OF	E RI ANK C	ASING USED:	mitted	6 Wheret	t iron	8 Concre	to the	Well Disinfected? You CASING JOINTS	Glund Cha	Noxx
()Greet		3 RMP (SI			os-Cement		ROOCIN below	A CASHE SUNTE	WeldedXX	ipeu
2 PVC		4 ABS		7 Fibergi			apassi, saisi	1	Threaded	
	on diamete		. In Io			in	10		in to	
Casing hel	and shove	land sudace	12	in weight	42.0	5	the fi	t. Wall thickness or ge	1100 No . 250	
			TON MATERIAL			7 000		40 4-6		
				5 Fibergt	e tile					
2 Brass		4 Galvaniz	ed steel	6 Concret	e tile	9 ABS	1777 L	12 None us	ed (open hole)	
SCREEN	OR PERF	PATION OPEN	NINGS ARE: Blslot by punched		5 GRUZ	bed wrapped		8 Saw cut	11 None (o	pen hole)
1 Conti	nucus stot	(39)	El slot		6 Wiro	wappod		9 Ordled holes 10 Other (specify)		
2 COUN	prod snunk	FF 4 NG	by punction	- 370	Oloren	205		10 Other (specify)		
SCHEEN	PERFUHA	IED INIERVAL	Emm 20"	- 290	IL 10	385	t From	· · · · · · · · · · · · · · · · · · ·	fl. 10	R
	BRAVEL P	ACK INTERVAL	S: From	20	fl. to	. 215	A. From	275	. ft. tp 385	
B GROUT	MATERIA	L: 1 Neat or	ernont	(2) Comont	groul	3 Benton	la 40	Other		
					From	215R	10275			
			de contamination	nc			10 Livest	ock pens	14 Abandoned wal	
1 Septi		4 Laten			7 Pit privy		11 Fuel s		15 Oil well Gas we	
2 Sewe		5 Cess			8 Somage I			cor storage	16 Other (specify	below)
	and the same of th	lines 5 Seep			9 Feedyard	1000		cido storago		
Direction to		North						y feet? 110 ft. 1		E.
FROM	ТО		ITHOLOGIC L			FROM	TO	PLUGGI	NG INTERVALS	
		Sc	e attached	llog						
0	200	1/11 22 4	252							
	290		n .250 Wal							
290	370_	16" Plai	n250_Wa1	L1-Casi	ng X 20"	Soroon				
370	385_	_16"_Torc	h-Cut-Peri	EX-20	Ni11-S	ot Por	-			
		Lead to the state of								
				N. S.						
THE REAL PROPERTY.				J. WILL						
7 CONTRA	CTOA'S O	A LANDOWNER	TE CERTIFICAT	fion: This	nater wed wa	s(1))constru	cted, (2) reco	nstructed, or (3) plugg	ed under my jurisdic	ction and was
completed o	n (molday)	year)	1/12/02					Is true to the best of	my knowledge and b	
		Licence No	208	T	is Water Wel	Record was		n (mo/day/yr)	1/16/02	
under the bu	usiness nar	noc! Hinte	r-Wilson D	rilling	3 Co., In	ic.	by (sig	naturo) nona &	000	
NSTRUCTE	DNS: Use type	enter or ball point pen	PLEASE PRESS PLE	THE PART PRINT	Zcienty, Pleases	in plants, under	ine or pircle the co	rect are-ers. Send op three		real Hearth and
Entitioner	Burgarof Wat	er, Topeka Koncas G	6620-0001, Telephone	765-299-0524	Sendone to WAT	ERWELL OWNER	and retain one for	YOUR POCONCES. Fee of \$5.00 for	NOT CONSTICTED WOL.	
					-					

Exhibit A

Il and the second secon	600
Howard L. Miller Trust	Ву
Land Owner	Blake Hinprelwright, Trystee
S. H. Trust	(By State of the S
Land Owner	Blake Himmelwright, Trussee
Alma Farms L. P.	B9 22
Land Owner	Hake Himmelwright, General Partner
Bette L. McCov Trust #1	By Contract
Land Owner	Blake Himmelwright, Truster
Charles D. Jennings	By Control
Land Owner	Blake Himmelwright, Attorney in-Fact
William H. Jennings	By
Land Owner	Blake Himmetoright, Attorney in-Fact
Jane E. Jennings	By
Land Owner	Blake Himmelwright, Attornoy in Fact
Lemon Farms L. P.	By
Land Owner	Blake Himmetvright, General Pariner
Dorothy L. Jennings Living Trust	NA CAS
Land Owner	Make Himmelwright, Agent
	V State of the sta
	Transit u

State of Kansas)) \$\$
County of Pratt)

1 hereby certify that the foregoing application was signed in my presence and swom to before me this 5th Day of December, 2001.

hery D White

My Commission Expires

A. CHERYL D. WHITE

RECEIVED

JAN 0 4 2019

Garden City Field Office
Division of Water Resources

Professionals

MINTER-WILSON DRILLING CO. Water Systems Complete Installation

trrigation and Domestic and Repairing

INCORPORATED

GARDEN CITY, KANSAS 67846 Phone 276-8269 P.O. Box A

JLM Farms Haskell County 10/18/01

Location: NE: 16-27-32 - South of Garden City to S Bar Feeders Road - 2-3/4 Miles cast & 1 mile south (250 ft. southwest of pivot)

Static Water Level - 250 Pt.

Test #1

4' - Top soil 4' to 38' - Brown clay 38' to 102' - Fine to medium sand and gravel 102' to 164' - Fine to medium sand and gravel - 10% clay 164' to 185' - Brown clay 185' to 265' - Blue clay 265' to 281' - Blue clay - small fine sand streak 281' to 308' - Fine to medium sand and gravel - loose 308' to 337' - Fine to medium sand and gravel 337' to 365' - Fine to medium sand and gravel - 10% clay 365' to 416' - Brown sandy clay 416' to 429' - Brown sandy clay - small strip brown rock 429' to 444' - Yellow clay - tight 444' to 470' - Shale - hard

Kansas Geological Survey Comments to webadmin@kgs.ku.edu URL=http://www.kgs.ku.edu/Magellan/WaterWell/index.html Display Programs Updated July 2, 2014 Data added continuously.

1 LOCATI	ON OF WA	TER WELL:	Fraction	Near Center	rom ww	Section Number	28-1212 or Towns	hip Number	Range Number
	Hask			Near Center	NW 14	16		27 s	R 32 €€
Distance a	and direction	from negreet town				2 Krop W	est side	of Sublett	e - I mile SW
DISTALLOS O	- E C	15 -d 1	of the success and	. 83, 3 miles	- anat	2 010 5	t north	£ % 150 ft	weet
_				. 03, 3 Eller	east,	3,910 1	t. HOITE	4 4,130 10	. WEST
	WELL OV		i. Farms						
RR#, St. /	Address, Bo		Box 987				Boar	d of Agriculture,	Division of Water Resource
	, ZIP Code			67124-0987				ication Number:	
LOCATE NO SERVICE NO S	E WELL'S L IN SECTIO	N BOX: DOW W	epth(s) Groundw ELL'S STATIC ' Pump st. Yield ore Hole Diamet ELL WATER TO 1 Dornestic 2 rrigation	water Encountered 1. WATER LEVEL	r was for was 500 5 Public w 6 Oil field 7 Lawn an	t below land s t below land s t. t. ft. ft. ft. ft. ater supply water supply d garden only	atter	ed on mo/day/yr hours pu hours pu hours pu inioning 11 g 12 g well	8/15/98 mping gpr mping gpr to f Injection well Other (Specify below)
1 -			tted					nfected? Yes	-
TYPE	DE DI ANIK	CASING USED:		5 Wrought iron	8 Cor				d Clamped
1)Ste 2 PV Blank casi	eel /C na diameter	3 RMP (SR) 4 ABS 16in.	to See . bel	6 Asbestos-Cement 7 Fiberglass OW. ft., Dia 20	9 Oth	er (specify be to See. be.)	low)	Weld Threa	ed X aded. in. to
		R PERFORATION		20" - !	52.737	PVC	Mary Transport	O Asbestos-ceme	ent
1)Ste		3 Stainless st		5 Fiberglass	8	BMP (SB)	illo-nivocid.	1 Other (specify)	en hole)
2 Br		4 Galvanized		6 Concrete tile	9	ABS	in and the	2 None used (op	nen hole)
	The same of the sa	RATION OPENINGS	7		ed wrapped				11 None (open hole)
		The second secon				n ngghi da			11 None (open nois)
	intinuous slo							The state of the s	
2 Lo	uvered shut	ter 4 Key	punched	Torch	cut		10 Other (s	specify)	
SCREEN-I	PERFORAT	ED INTERVALS:	From See	below . ft. to		ft., F	rom	ft. t	of
									of
	DAVEL DA	CK INTERVALS:	From 20	1 + 10	18	0 # 5	rom 240) fr t	500
	MAVEL PA	ICK INTERVALS:							0 1
			From	ft. to	12 8113				
	MATERIA		nent 202	Cement grout	190 Be	ntonite	4 Other		ft. to
Grout Inter	rvals: Fro	m	to20	ft., From	f	to	ft., Fr		
What is th	e nearest s	ource of possible co	ntamination:			10 Liv	estock pens		bandoned water well
1 Se	ptic tank	4 Lateral	ines	7 Pit privy		11 Fu	el storage	15 C	il well/Gas well
2 Se	wer lines	5 Cess po	ool	8 Sewage lago	юп	12 Fer	rtilizer storage	16 C	ther (specify below)
		ver lines 6 Seepag		9 Feedyard			ecticide storag		
		Southeast	o pr	5 Tebuyaru		Many a	10012 60	ft. s. &	250 ft. e.
Direction f			LITHOLOGIC L	00	FROM	TO	any leet?	PLUGGING I	NTERVALS
FROM	то				PHOW	10		1 Loudinta I	ITTENTALO
		See at	tached lo	<u> </u>	+				
					+		1000		
		Inside		Outside					
0	250	16" Plain C							
250	290	16" Plain C	asing X 2	O" Screen					
290	300	16" Plain C	asing X 2	O" Perf. Casi	ng				ACIVA IX
300	330	16" Plain C	esing X 2	O" Screen		THE MAN		R	CEIVED
330	340	16" Plain C	asing X 2	O" Perf. Casi	ng		or Owers	E	Challet Co.
340	365	16" Plain C	asing X 2	O" Screen		NA REPORTE		H1 1 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11 0 4 0040
365	380	16" Torch C	ut Perf.	Casing X 20"	Plain	Cesing	11.11.21	JP	IN U 4 ZU19
380	440	16" Plain C				1 1 3 10 1	words.	- 11 T V - 02	
440	475	16" Perf. C			11	engele Sal	LOUIS AGY	Garde	n City Field Office
475		16" Agri Sc		An a hat are a	74 2 1 15	Pri la Print	Land Control	Division	of Water Resources
	495						The Prince		TF23
495	500	16" Perf. C	grisa		+	_			
							I - I	All hard a milet	
completed	on (mo/day	OR LANDOWNER'S (/year) 8/20 's License No	/98			. and this re	cord is true to	the best of my kn	der my jurisdiction and wa cowledge and belief. Kansa /25/98
				illing Co., I				ra Keller	
(NSTRU	CTIONS: Use to the and Environs	ypewriter or ball point pen nent, Bureau of Water, To	PLEASE PRESS FIF peka, Kansas 66620	RMLY and PRINT clearly. Ple 0001. Telephone: 913-296-5	ase hil in blan 545. Send one	ks, underline or ci to WATER WELL	OWNER and retail	n one for your record	copies to Kansas Department s.

MINTER-WILSON DRILLING CO. Water Systems Complete Installation

Irrigation and Domestic and Repairing

INCORPORATED

Phone 276-8269 • P.O. Box A **GARDEN CITY, KANSAS 67846**

the wife month of the standard war warder the co

JLM Farms Haskell County 6/2/98

Location: NW 16-27-32 - South of Garden City to George Town, 2 miles east mile south, mile east & mile northwest to pivot (Offset old well - 245 ft. west and 45 ft. north)

Static Water Level - 180'

Test #1

```
l' - Top soil O
 1' to 12' - Brown sandy clay ou
 12' to 20' - Brown clay 01
 20' to 48' - Brown sandy clay GY
 48' to 115' - Fine to medium sand and gravel - loose
115' to 179' - Fine to medium sand and gravel - 10% clay - loose
179' to 188' - Brown clay
188' to 203' - Brown yellow clay - small fine sand streak
203' to 222' - Blue clay 3
222' to 234' - Blue clay - 10% sand stone
234' to 249' - Blue clay - 15% fine to medium sand mixed 67
249' to 260' - Fine to medium sand and gravel \
260' to 267' - Blue clay 01
267' to 274' - Fine to medium sand and gravel
274' to 290' - Fine to medium sand and gravel - hard cement sand strip
290' to 299' - Brown sandy clay - small strip of gravel
299' to 305' - Fine to medium sand and gravel \
305' to 320' - Brown clay - 20% gravel streak Ol
320' to 329' - Medium coarse gravel \S
329' to 335' - Cemented sand yellow clay mixed - hard pull down 600
335' to 340' - Brown yellow clay - small streak sand C)
340' to 351' - Fine to medium sand and gravel - loose
351' to 358' - Fine to medium sand and gravel - tight - 10% clay
358' to 363' - Fine to medium sand and gravel | 7
363' to 381' - Brown sandy clay GY
381' to 429' - Brown clay Ol
429' to 446' - Brown sandy clay
446' to 448' - Yellow sand stone 33
448' to 477' - Yellow clay C\
477' to 485' - Yellow sand stone - loose 23
485' to 493' - Yellow clay - sand stone mixed - hard pull down 300
493' to 500' - Shale 19
```

RECEIVED

AUG 3 1 1998

1 (MAIN) ((MI) MAIN) (MIN) (MIN) (MI) MAIN ((MI) MAIN)

the same of the sa	R WELL R		wwc-5		vivision of W sources App		33981	Well ID	
		ATER WELL:	Fraction		ection Num	The second second	Township Numb		ge Number
Count	y: Haskell		NE 1/4 SW 1/4 SW !	AND RESIDENCE OF THE PARTY OF T	9		T 27 S		DEZW
		E FEEDERS LLC D 30	First: ZIP: 67877	direction from	n nearest town	or inte	ere well is located rection): If at owner ND 2 MILES EAS	(if unknown,	distance and check here:
3 LOCAT WITH " SECTIONNW WSW X 7 WELL 1. Domestic House Lawn Liveste	E WELL X" IN ON BOX: NE ESE S mile WATER TO thold & Garden ock	4 DEPTH OF COM Depth(s) Groundwater 2)	PLETED WELL: Encountered: 1)	475	12 Lor Dat Sou	gitud um: ree for GPS (Land Onlin vation ree: Oil Fict Hole Cased otherm	37.70870 le: 100.832 WGS 84	Yes Number Number Naphic Map Ground Ground	(decimal degrees
2. Irrigati							Loop Horizont		
3. □ Feedlo 4. □ Industr		☐ Air Sparge ☐ Recovery		Extraction	13.	Other	Loop Surface Dis (specify):	cnarge	inj. or water
TYPE OF S Screen C Conting Louve SCREEN-I GO GROUT Grout Interv Nearest sou Septic Sewer Watert	SCREEN OF Stain Galv OR PERFOR House Slot Fred Shutter PERFORATI RAVEL PAG MATERIA als: From ree of possibl Tank Lines ight Sewer Lin Specify) om well? .W.	□ Key Punched □ W ED INTERVALS: From CK INTERVALS: From L: □ Neat cement □ 5	FERIAL: glass	used (open hor orch Cut aw Cut aw Cut fi., From entonite fi. ft. to fi. agoon [Drilled Hole None (Open 410 ft. Other ft., From Livestock Fuel Storag	Other (Hole) to 4 to Pens ge Storage	Other (Specify) 70	ft. to ft. to ft. to ft. to ft. to ft. to ft.	
ttached	TO Attached A	LITHOLOG Attached	AC LOG	FROM	10	LIT	HO. LOG (cont.) or	PLUGGING	JINIEKVAL
	7				- 1	120	R	ECEIVE	-D
	7- W. C.							COLIVE	
					-		IA	NAAA	240
			11				JA	UV U 4 2	019
				Notes:	d. auct		Division	City Field of Water R	esources
under my jo Kansas Wa under the b KS Departr	urisdiction ar ter Well Con usiness name nent of Health a	OR LANDOWNER'S and was completed on (matractor's License No	10-day-year) .03/16/7 45 This W Is Mid Continent. In ELL OWNER and retain	2012 and atter Well Ro	d this record ecord was c	d is troomple	te to the best of my eted on (mo-day-year) for each constructed we	knowledger) .07./15.	ge and belief. 12001
Visit us at h	ttp://www.kdhe	ks.gov/waterwell/index.html						KS	A 82a-1212

Form	WWC5
Contractor	Hydro Resources Mid Continent, Inc.
Well Owner	
Doc ID	1088102

Litholgy

From	То	LithologicLog
0	2	SURFACE
2	37	BROWN CLAY
37	45	SAND FINE
45	90	SAND FINE M ME TO SM GRAVEL
90	100	BROWN CLAY
100	150	SAND FINE TO MED, SM GRAVEL
150	200	BROWN CLAY, BL SAND
200	221	BLUE CLAY , BL SAND
221	307	SAND FINE SM GRAVEL, LEDGES
307	314	BRN, WHITE CLAY
314	365	SAND FINE TO MED, SM GRAVEL, FW CLAY
365	400	SAND FINE TO SM. SOME CLAY
400	419	BRWN CLAY, FEW LIMEROCK
419	440	SAND , SILTY TO FINE , CLAY
440	470	SOAPSTONE, SANDSTONE
470	475	RED & GRAY SHALE, LIMESTONE

		LL RECORD F	orm WWC-5	KSA 82a-1	212	
1 LOCATION OF WATER WELL;	Fraction			on Number	Township Number	Range Number
County: Haskell	NE ¼	SW 14 NE	1/4	9	T 27 S	R 32 XXV
Distance and direction from nearest town	or city street addres	s of well if located	within city?	0 005 74	N	T1. W4
From SE Corner of Sublett			le East,	3,865 FT	. North & 1,340	rt. West
	or Inc. c/o J	onn koenn				
	1, Box 54					, Division of Water Resources
City, State, ZIP Code : Sub	lette, Kansas	67877	050	(044-11)	Application Number	20,439
	epth(s) Groundwater	Encountered 1	, , , , , , , , ,	ft. 2.		3
NW NE E						oumping gpm
	lore Hole Diameter	30 in to	370	ff an	4	in. toft.
· W	VELL WATER TO BE		Public water		THE RESERVE TO SERVE THE PROPERTY OF THE PERSON OF THE PER	I Injection well
- i i i	1 Domestic				Dewatering 12	
SW SE	2 rigation					
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
		iological sample suc	mitted to Del		The state of the s	s, mo/day/yr sample was sub
	nitted				Well Disinfected? Yes	140
5 TYPE OF BLANK CASING USED:		rought iron	8 Concret			ed Clamped
1)Steel 3 RMP (SR)		sbestos-Cement	THE RESERVE OF THE PARTY OF THE	specify below)		lded X
2 PVC 4 ABS		berglass				eaded
Blank casing diameter16 in	1. to 270	. ft., Dia	in. to .		.ft., Dia	. in. to ft.
Casing height above land surface		velght			Wall thickness or gauge	No 200
TYPE OF SCREEN OR PERFORATION	MATERIAL:		7 PVC		10 Asbestos-cen	
1)Steel 3 Stainless s	steel 5 Fi	berglass	8 RMF	(SR)	11 Other (specif	v)
2 Brass 4 Galvanized	d steel 6 C	oncrete tile	9 ABS		12 None used (d	ppen hole)
SCREEN OR PERFORATION OPENINGS	S ARE:	5 Gauzed	wrapped	100	8 Saw cut	11 None (open hole)
1 Continuous slot 3Mill	slot	6 Wire wra	apped	4	9 Drilled holes	
2 Louvered shutter 4 Key	punched	7 Torch cu		aute i	Other (specify)	
SCREEN-PERFORATED INTERVALS:	From 270			ft From	ft.	toft.
						toft.
GRAVEL PACK INTERVALS:						toft.
	From					to ft.
6 GROUT MATERIAL: 1 Neat cer		ment grout	3 Benton			
						ft. to
What is the nearest source of possible co		Bloom V Little	e ich haime fe	10 Liveston	^	Abandoned water well
1 Septic tank 4 Lateral		7 Pit privy				Oil well/Gas well
2 Sewer lines 5 Cess po		8 Sewage lagoor				Other (specify below)
3 Watertight sewer lines 6 Seepag		Annual Control of the Control of the	Lillian a			Other (specify below)
		9 Feedyard		13 Insectio		wth & 10 Ft Wort
Direction from well? Northwes	LITHOLOGIC LOG		FROM	How many TO	PLUGGING	rth & 10 Ft. West
PHOM 10	LITHOLOGIC LOG		FHOW	10	1 LOGGING	INTERVALO
				A will		
	here by dead	Orathon L				
	0					
	See attached	log				
	See attached	log				RECEIVED
	See attached	log				RECEIVED
	See attached	log				RECEIVED
	See attached	log				RECEIVED JAN 0.4 2019
	See attached	log				RECEIVED JAN 0.4 2019
	See attached	log			Gard	PECEIVED JAN 04 2019 en City Eigh Occ
	See attached	log				PECEIVED JAN 04 2019 en City Field Office
	See attached	log			Gard Division	PECEIVED JAN 04-2019 en City Field Office 1 of Water Resources
					Gard Division	RECEIVED JAN 04-2019 en City Field Office Lof Water Resources
Z CONTRACTOR'S OR LANDOWNER'S	S CERTIFICATION: T					
7 CONTRACTOR'S OR LANDOWNER'S completed on (mo/day/year)	S CERTIFICATION: T	his water well was	s	nd this record	is true to the best of my k	nowledge and belief. Kansas
7 CONTRACTOR'S OR LANDOWNER'S completed on (mo/day/year)	CERTIFICATION: T -21-94 208	his water well was	Record was	nd this record completed on	is true to the best of my k (mo/day/yr), 9-	PECEIVED JAN 0.4-2019 en.Cily Field Office 1.of Water Resources ander my jurisdiction and was nowledge and belief. Kansas 23-94
7 CONTRACTOR'S OR LANDOWNER'S completed on (mo/day/year)	s certification: t -21-94 208 -Wilson Drill	his water well was This Water Well ing Co., Inc.	Record was	nd this record completed on by (signatur	is true to the best of my k (mo/day/yr) 9- e) Nara Kelle	nowledge and belief. Kansas 23–94 い

State Systems State Systems State Systems State Systems State Systems Decorporated MINTER-WILSON DRILLING CO. Complete Installation and Repairing

Phone 276-8269 . P.O. Box A . GARDEN CITY, KANSAS 67846

18 270-0205 • P.O. BOX A • GARDEN CITT, KANSAS 0

Valor, Inc. - John Koehn Haskell County 4-8-89

Location: NE's 9-27-32

From George Town - 3 E., 3/4 N., & W. &

65' SE of old well

Static Water Level - 150'

Test #2

Top soil - fine sand 26 40 Brown sandy clay - fine sand mixed 40 83 Fine to medium sand & gravel - loose 104 Fine to medium sand & gravel - streak of coarse gravel mixed - loose 104 112 Brown sandy clay 112 169 Fine to medium sand & gravel - loose 169 184 Brown sandy clay 184 198 Fine to medium sand & gravel - loose 198 202 Brown sandy clay 202 215 Fine to medium sand & gravel - small strip of clay 215 245 Brown sandy clay 245 274 Brown sandy clay - white rock mixed 274 339 Fine to medium sand & gravel 339 352 Brown sandy clay 352 358 Fine to medium sand & gravel 358 440 Brown sandy clay - white rock mixed 440 450 Brown yellow clay 450 466 Yellow clay - brown rock mixed 466 470 Yellow shale

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

STATE OF KANSAS



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

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

December 19, 2018

SOUTHWEST KANSAS GROUNDWATER MANAGEMENT DISTRICT NO. 3 409 CAMPUS DRIVE, SUITE 106 GARDEN CITY KS 67846

Re: Water Right File No. 18568

Dear Mr. Norquest;

This is to advise you that Heritage Beef LLC have filed an application for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, to change the place of use for the above referenced files.

We are delaying action on the change application to allow you time to review and provide a recommendation. Based on information in the files, it appears there are no wells within one half mile. Please submit a recommendation within 15 days.

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

Sincerely,

Michael A. Meyer Water Commissioner

MAM Enclosure