Kansas Department of Agriculture Division of Water Resources

CHANGE: P/D WORKSHEET

1. File Number:	2. Status Change Date:	3. Change Num:	4. Field Office:	5. GMD:
21329	6-28-2022	C1	4	3
6. Status: Approved Deni	ed by DWR/GMD	Dismiss by Reques	t/Failure to Return	7. Filing Date of Change:
				6/08/2022
8a. Landowner, applicant, WUC New to system □	Person ID 64444 Add Seq#			Person Add Seq#
HIGH PLAINS RANCH LL Attn: BERNARD TE VELI 2911 HANFORD ARMON HANFORD, CA 93230	DE			
8b. Landowner(s), New to system □	Person IDAdd Seq#	8d. WUC New to sy	stem 🗌	Person IDAdd Seq#
9. Documents and Enclosure(s): 🛛 DV	VR Meter(s) Date to Comp	ly: 12/31/2022	N & P Date to	Comply: 3/1/2023
☐ Anti-Reverse Meter ☐ Meter	Seal Check Valve	⊠ N & P Form	☐ Water Tube ☐ D	riller Copy
Conservation Plan Date Require	ed: Da	te Approved:	Date to	Comply:
10. Use Made of Water From:		To: _		
			Date Prepared: 06/27/ Date Entered:	2022 By: MAM By:

File No.	21329)	11. C	ounty	: GT	Ва	sin: Cl	MARF	RON R	IVER			St	tream:								1/331	ode:	Special Use:	
12. Poir CHK	nts of Dive	ersion															Rate	and Q	uantity						
MOD																	A	Authori	zed		A	dditional			
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CHK	ce of Use					N	E1/4			NV	V1/4			SV	V ¹⁄₄			S	6E1/4		Total	Owner	Chg?	Overlap Files	
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Comme	ents:																								

Garden City Field Office 4532 W. Jones, Suite B Garden City, KS 67846



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

Mike Beam, Secretary

Laura Kelly, Governor

June 28, 2022

HIGH PLAINS RANCH LLC Attn: BERNARD TE VELDE 2911 HANFORD ARMONA DR HANFORD, CA 93230

RE:

Field Office Application for Change

Water Right, File No. 21329

Dear Sir:

Enclosed is an order executed by the designee of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, approving the applications for change under the above referenced file 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 the order modifies the original document referred to above, it should be recorded with the Register of Deeds as other instruments affecting real estate.

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

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

Sincerely.

Michael A. Meyer

Water Commissioner

MAM: enclosures

pc: GROUNDWATER MANAGEMENT DISTRICT NO. 3

CERTIFICATE OF SERVICE

On this 28th day of June 2022, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File No. 21,329 dated 28th day of June 2022 was mailed postage prepaid, first class, US mail to the following:

HIGH PLAINS RANCH LLC Attn: BERNARD TE VELDE 2911 HANFORD ARMONA DR HANFORD, CA 93230

Pc:

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

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u	nder the	e water	right w	hich is	the s	ubject	of this	applic	ation i	n acco	rdance	e with t	he cor	ndition	s desc	ribed b	oelow.			
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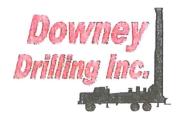
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		names and addresses of the landowner(s) one-half mile	divers		esentiy authoriz	zeu point of
lines		downstream and one-half mile upstream from your property		•		

14. If t	he proposed groundwater point of diversion is 300 or fewer feet fr	om the existing point of diversion, complete the following:
(a)	Does the undersigned represent all owners of the currently auth ☐ Yes ☐ No (If no, all owners must sign this appli	
(b)	Will the ownership interest of any owner of the currently authoraffected if this application is approved as requested? ☐ Yes ☐ No (If yes, all owners must sign this app	, ,,
(c)	If this application is not approved expeditiously, will there be sul ☐ Yes ☐ No (If no, all owners must sign this appli	
or a ch	oplication proposes a surface water change in point of diversion, a ange in place of use, the application must be signed by all owners attach notarized statement authorizing representation).	
age ar	by verify, being first duly sworn upon my oath or affirm of the owner, the spouse of the owner, or a duly author behalf, in regards to the water right(s) to which this appeal in this application are true, correct and complete.	rized agent of the owner(s) to make this application on plication pertains. I further verify that the statements
Dated a	at <u>Sanden City</u> , Kansas, this	8 day of, 20_22.
		O
	(Owner)	(Spouse)
7	ravis de Graco + (Please Print)	(Please Print)
	(Owner)	(Spouse)
	(Please Print)	(Please Print)
	(Owner)	(Spouse)
	(Please Print)	(Please Print)
State o	f Kansas	
County	of Jinney	oth
I he	reby certify that the foregoing application was signed in	my presence and sworn to before me this day
	JULIE JONES	
	My Appointment Expires	Wotary Public
My Cor	nmission Expires December 15, 2022	0 . 0
accurate	COMPLETE APPLICATIONS WILL BE PROCESSED. To be complete, all a information; maps, if necessary, must be included; signatures of all the a opriate fee must be paid.	of the applicable portions of the application form must be completed with ppropriate owners' must be affixed to the application and notarized; and
	FEE SCHED	ULE
	pplication to change the place of use or the point of diversion und the schedule below: Make checks payable to: Kansas Departm (1) Application to change a point of diversion 300 feet or less (2) Application to change a point of diversion more than 300 fee (3) Application to change the place of use	er this section shall be accompanied by the application fee set tent of Agriculture \$100

SUMMARY ORDER APPROVING APPLICATION FOR CHANGE AND IMPOSING CONDITIONS

pro Wit	ovisions of the Kansas Water Appropriation Law, K.S.A. 82a-	701 et. seq., and rules and regulations promulgated thereunder, n, this Summary Order does not change the terms, conditions and
1.	A change application was received on	requesting that the place of use and / or point of ber be changed as described in the application.
2.	On and after the effective date of this summary order, the aut the topographic map accompanying the application to cha	thorized place(s) of use shall be located substantially as shown on large the place of use. Applicable Not Applicable
3.	The change in point of diversion shall not impair existing right previously authorized. The point of diversion authorized by radius of the authorized point(s) of diversion.	nts and shall be limited to the same source or sources of water as by this summary order shall be located within a foot le Not Applicable
4.	The point(s) of diversion described herein is administrative Positioning System (GPS), as described in the application	ely corrected to be more accurately described using the Global . Applicable Not Applicable
5.	The point(s) of diversion authorized herein shall not actually authorized point(s) of diversion. Applicable \(\Bar{\text{N}} \)	be located more than feet from the previously ot Applicable
6.	As required by K.A.R. 5-3-5d, if the works for diversion is a wor other device suitable for making water level measureme K.A.R. 5-6-13.	vell with a diversion rate of 100 gallons per minute or more, a tube into shall be installed, operated and maintained in accordance with
7.	December 31, 20_22, or before the first use of water, operated and maintained in accordance with K.A.R. 5-1-4	operly install an acceptable water flow meter on or before whichever occurs first. The water flow meter shall be installed, through 5-1-12. As required by K.S.A. 82a-732, as amended, and the reading of the water flow meter and the total quantity of water ng the end of each calendar year.
8.	Installation of the works for diversion of water shall be authorized extension of time. By March 1, 20_23 the works for diversion has been completed, on the form providing the providin	completed on or before December 31, 20, or within any applicant shall notify the Chief Engineer that construction of the ided by the Chief Engineer, as required by K.A.R. 5-8-4e.
9.	The completed well log shall be submitted with the requi	ired notice. Applicable Not Applicable
10.	with an in-line, automatic, quick-closing check valve capal	foreign substance will be injected into the water shall be equipped ble of preventing pollution of the source of the water supply. The in accordance with K.A.R. 5-3-5c. ⊠ Applicable ☐ Not Applicable
11.	Additional Conditions are attached. Yes No	
12.	water appropriated under the above-referenced file numb limitations, as amended and/or supplemented by this Sum Appropriation Law and the Rules and Regulations promu	.R. 5-5-14, all of the owners of the authorized place(s) of use of oper are responsible for compliance with its terms, conditions and nmary Order, and with applicable provisions of the <i>Kansas Water</i> algated thereunder. Failure to comply with these provisions may be used, and/or the suspension or revocation and dismissal of the ons authorized by law.
	Administrative Appeal and Effective Date of Order	FOR OFFICE USE ONLY
you Eng Agr filed adn day	ou are aggrieved by this order, pursuant to K.S.A. 82a-1901, a may request an evidentiary hearing before the Chief gineer or request administrative review by the Secretary of riculture. A request for hearing by the Chief Engineer must be d within 15 days of service of this Order and a request for ministrative review by the Secretary must be filed within 30 ys pursuant to K.S.A. 77-531. Any request for administrative iew must state a basis for review pursuant to K.S.A. 77-527.	By: Duly Authorized Designee of the Chief Engineer (Print Name): Division of Water Resources - Kansas Department of Agriculture
Leg 665	e any request with Kansas Department of Agriculture, gal Division, 1320 Research Park Drive, Manhattan, KS 502. Failure to timely request a hearing or review may clude review under the Kansas Judicial Review Act.	Date of Issuance: 28,2022 State of Kansas) SS
	For Use by Register of Deeds	County of
		Acknowledged before me on 4 yune 28, 2022
		by Michael A. Meyer.
		My commission expires: Notary Public JULIE JONES My Appointment Expires My Appointment My A
		Notary Seember 15, 2022



CUSTOMER NAME: HIGH PLAINS RANCH LLC TH#1

RECEIVED LEGA

LEGAL: NWSE 3-29S-35W

MAY 1 9 2022

COUNTY: GRANT CO, KS

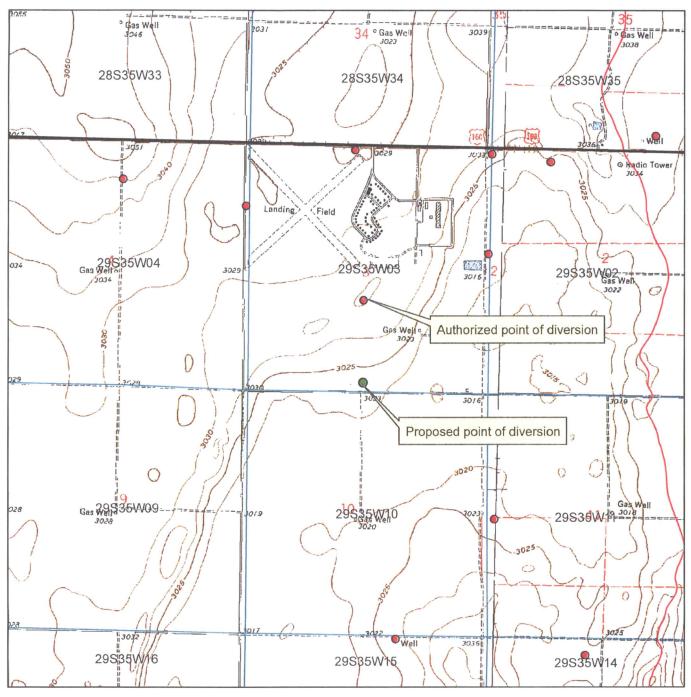
Garden City Field Office Division of Water Resources GPS: 37.547829

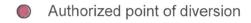
-101.135596

No. Top Top Top No. Soft				LOGGER: DRILLER	: ROCKY		W		21-1224	
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15 39 SANDY CLAY W CALICHE		3	15	BROWN SILTY CLAY	SOFT		FAST		SMOOTH	
FAST		15	39	SANDY CLAY W/ CALICHE	FIRM		FAST		SMOOTH & CHOPPY	
74		39	57	FINE-MED-COARSE SAND W/ SANDY CLAY	FIRM	TAN	FAST		CHOPPY & SMOOTH	
Past		57	74	FINE-MED-COARSE SAND W/ FINE GRAVEL	STIFF		FAST		FAST CHATTER	
100 199 FINE-MED-COARSE SAND W FINE-MED GRAVEL STIFF TANISH FAST SMOOTH		74	79	MAG	SOFT	WHITE	FAST		ѕмоотн	
100 199 FINE-MED-COARSE SAND W FINE GRAVEL STIFF TANISH FAST FAST CHATTER 139 142 CLAY CLAY SOFT YELLOW FAST SMOOTH 142 150 CLAY W FINE-MED SAND SOFT TANISH FAST SMOOTH 150 199 FINE-MED-COARSE SAND W FINE-MED GRAVEL STIFF FAST FAST CHATTER 199 170 BROWN CLAY SOFT BROWN FAST SMOOTH 170 175 FINE-MED-COARSE SAND W/ FINE-MED GRAVEL STIFF FAST FAST CHATTER 198 204 BROWN STICKY CLAY STICKY BROWN FAST SMOOTH 198 SANDY CLAY W/ FINE SAND SOFT TANI FAST SMOOTH 198 SANDY CLAY W/ FINE SAND SOFT TANI FAST SMOOTH 198 SANDY CLAY W/ FINE SAND SOFT TANISH FAST SMOOTH 198 SANDY CLAY W/ FINE SAND SOFT TANISH FAST SMOOTH 198 SANDY CLAY W/ FINE SAND SOFT TANISH FAST SMOOTH 198 SANDY CLAY W/ FINE SAND SOFT TANISH FAST SMOOTH 198 SANDY CLAY W/ FINE SAND SOFT TANISH FAST SMOOTH 198 SANDY CLAY W/ FINE SAND SOFT SOF		79	97	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER	
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142 150 CLAY W. FINE-MED SAND SOFT TAN FAST VIBRATION 150 169		139	142	CLAY	SOFT		FAST			
199 170 BROWN CLAY		142	150	CLAY W/ FINE-MED SAND	SOFT	TAN	FAST			
170 175 FINE-MED-COARSE SAND W FINE-MED GRAVEL 175 198 FINE-MED-COARSE SAND W FINE-MED-LARGE GRAVEL 198 204 BROWN STICKY CLAY 204 220 SANDY CLAY W FINE SAND 205 SICKY 206 SANDY CLAY W FINE SAND 207 STICKY 208 SANDY CLAY W FINE SAND 208 SANDY CLAY W FINE SAND 209 225 FINE-MED-COARSE SAND 200 FIRM 200 FINE-MED-COARSE SAND 200 FINE-MED-COARSE SAND 201 FINE-MED-COARSE SAND 202 STICKY 203 BROWN STICKY CLAY 204 STICKY 205 SICKY 206 BROWN 207 FAST 208 SANDY STICKY CLAY 208 SANDY STICKY CLAY 209 STICKY 209 SANDY STICKY CLAY 209 STICKY 200 SANDY STICKY CLAY 200 STICKY 200 SANDY STICKY CLAY 201 STICKY 201 STICKY 202 STICKY 203 BROWN 204 FINE-MED-COARSE SAND W FINE-MED GRAVEL 205 SANDY CLAY W BROWN CLAY MIXED 207 SANDY CLAY W FINE SAND 208 SANDY CLAY W FINE-MED-COARSE SAND 209 SANDY CLAY W FINE-MED-COARSE SAND 200 SANDY CLAY W FINE-MED-COARSE SAND 200 SANDY CLAY W FINE-MED-COARSE SAND 201 SANDY CLAY W FINE-MED-COARSE SAND 202 SANDY CLAY W FINE-MED-COARSE SAND 203 SANDY CLAY W FINE-MED-COARSE SAND 204 SANDY CLAY W FINE-MED-COARSE SAND 205 SANDY CLAY W FINE-MED-COARSE SAND 206 SANDY CLAY W FINE-MED-COARSE SAND 207 SANDY CLAY W FINE-MED-COARSE SAND 208 SANDY CLAY W FINE-MED-COARSE SAND 209 SANDY CLAY W FINE-MED GRAVEL 209 SANDY CLAY W FINE-MED GRAVEL 209 SANDY CLAY W FINE-MED GRAVEL 200 SANDY CLAY W FINE-MED GRAVEL 201 SANDY CLAY W FINE-MED GRAVEL 202 STICKY 203 SANDY CLAY W FINE-MED GRAVEL 204 SANDY CLAY W FINE-MED GRAVEL 205 SANDY CLAY W FINE-MED GRAVEL 206 SANDY CLAY W FINE-MED GRAVEL 207 SANDY CLAY W FINE-MED GRAVEL 208 SANDY CLAY W FINE-MED GRAVEL 209 SANDY CLAY W FINE-MED GRAVEL 209 SANDY CLAY W FINE-MED GRAVEL 200 SANDY CLAY		150	169	FINE-MED-COARSE SAND W/ FINE-MED GRAVEL	STIFF		FAST		FAST CHATTER	
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254 FINE-MED-COARSE SAND W/ FINE-MED GRAVEL 254 263 BROWN STICKY CLAY 253 270 BLUE CLAY W BROWN CLAY MIXED 250 270 BLUE CLAY W/ FINE SAND 250 280 SANDY CLAY W/ FINE SAND 280 316 FINE-MED-COARSE SAND W/ FINE-MED-LARGE GRAVEL 316 337 SANDY CLAY W/ FINE-MED-COARSE SAND 317 384 FINE-MED-COARSE SAND W/ FINE-MED GRAVEL 318 373 SANDY CLAY W/ FINE-MED-COARSE SAND 319 FINE-MED-COARSE SAND W/ FINE-MED GRAVEL 310 373 SANDY CLAY W/ FINE-MED-COARSE SAND 310 FINE-MED-COARSE SAND W/ FINE-MED GRAVEL 311 FINE-MED-COARSE SAND W/ FINE-MED GRAVEL 312 FINE-MED-COARSE SAND W/ FINE-MED GRAVEL 313 SANDY CLAY W/ FINE-MED GRAVEL 314 SANDY CLAY W/ FINE-MED GRAVEL 315 SANDY CLAY W/ FINE-MED GRAVEL 316 SANDY CLAY W/ FINE-MED GRAVEL 317 SANDY CLAY W/ FINE-MED GRAVEL 318 SANDY CLAY W/ FINE-MED GRAVEL 319 SANDY CLAY W/ FINE-MED GRAVEL 310 SANDY CLAY W/ FINE-MED GRAVEL 311 FAST 312 FAST CHATTER 313 SANDY CLAY W/ FINE-MED GRAVEL 314 STIFF 422 FINE-MED-COARSE SAND W/ FINE-MED GRAVEL 315 SANDY CLAY W/ FINE SAND 316 SANDY CLAY W/ FINE SAND 317 SANDY CLAY W/ FINE SAND 318 SANDY CLAY W/ FINE SAND 319 SANDY CLAY W/ FINE SAND 310 SANDY CLAY W/ FINE SAND 311 SANDY CLAY W/ FINE SAND 312 SANDY CLAY W/ FINE SAND 313 SANDY CLAY W/ FINE SAND 314 SANDY CLAY W/ FINE SAND 315 SANDY CLAY W/ FINE SAND 316 SANDY CLAY W/ FINE SAND 317 SANDY CLAY W/ FINE SAND 318 SANDY CLAY W/ FINE SAND 319 SANDY CLAY W/ FINE SAND 310 SANDY CLAY W/ FINE SAND 311 SANDY CLAY W/ FINE SAND 312 SANDY CLAY W/ FINE SAND 313 SANDY CLAY W/ FINE SAND 314 SANDY CLAY W/ FINE SAND 315 SANDY CLAY W/ FINE SAND 316 SANDY CLAY W/ FINE SAND SWEATHERED SHALE 317 SANDY CLAY W/ FINE SAND 318 SANDY CLAY W/ SANDSTONE/ FINE SAND SWEATHERED SHALE 319 SANDY CLAY W/ SANDSTONE/ FINE SAND SWEATHERED SHALE 319 SANDY CLAY W/ SANDSTONE/ FINE SAND SWEATHERED SHALE 317 SANDY CLAY W/ SANDSTONE/ FINE SAND SWEATHERED SHALE 318 SANDY CLAY W/ SANDSTONE/ FINE SAND SWEATHERED SHALE 319 SANDY CLAY W/ SANDSTONE/ FINE SAND SWEATHERED SHALE 310 SANDY CLAY W/ SANDSTONE/ F		225	230	BROWN STICKY CLAY	STICKY	BROWN	FAST		SMOOTH	
254 283 BROWN STICKY CLAY 253 270 BLUE CLAY W/ BROWN CLAY MIXED 259 SANDY CLAY W/ FINE SAND 280 SANDY CLAY W/ FINE SAND 280 SANDY CLAY W/ FINE-MED-LARGE GRAVEL 316 FINE-MED-COARSE SAND W/ FINE-MED GRAVEL 317 SANDY CLAY W/ FINE-MED-COARSE SAND 318 SANDY CLAY W/ FINE-MED-COARSE SAND 319 SANDY CLAY W/ FINE-MED-COARSE SAND 310 SANDY CLAY W/ FINE-MED-COARSE SAND 3110 FIRM 3111 TAN 3111 FAST 3112 FINE-MED-COARSE SAND W/ FINE-MED GRAVEL 3114 SANDY CLAY W/ FINE-MED-COARSE SAND 315 SANDY CLAY W/ FINE-MED-COARSE SAND 316 FIRM 3173 SANDY CLAY W/ FINE-MED-COARSE SAND 318 FINE-MED-COARSE SAND W/ FINE-MED GRAVEL 319 FAST 310 FAST 310 FAST 3115 FAST 3116 FAST 3116 FIRM 3116 FIRM 317 SANDY CLAY W/ FINE-MED-COARSE SAND 318 FIRM 319 FAST 310 FAST 310 FAST 3116 FAST 31		230	246	FINE-MED-COARSE SAND W/ FINE GRAVEL & BROWN CLAY	FIRM	BROWN	FAST		FAST CHATTER	
263 270 BLUE CLAY W/ BROWN CLAY MIXED 270 280 SANDY CLAY W/ FINE SAND 280 316 FINE-MED-COARSE SAND W/ FINE-MED-LARGE GRAVEL 316 337 SANDY CLAY W/ FINE-MED-COARSE SAND 317 364 FINE-MED-COARSE SAND W/ FINE-MED GRAVEL 318 373 SANDY CLAY W/ FINE-MED-COARSE SAND 319 SANDY CLAY W/ FINE-MED GRAVEL 310 373 SANDY CLAY W/ FINE-MED GRAVEL 310 373 SANDY CLAY W/ FINE-MED GRAVEL 310 374 SANDY CLAY W/ FINE-MED GRAVEL 317 364 FINE-MED-COARSE SAND W/ FINE-MED GRAVEL 318 379 SANDY CLAY W/ FINE-MED GRAVEL 319 SANDY CLAY W/ FINE-MED GRAVEL 310 SANDY CLAY W/ FINE-MED GRAVEL 311 SANDY CLAY W/ FINE-MED GRAVEL 312 SANDY CLAY W/ FINE-MED GRAVEL & CLAY LEDGES 313 SANDY CLAY W/ FINE SAND 314 SANDY CLAY W/ FINE SAND 315 SANDY CLAY W/ FINE SAND 316 SANDY CLAY W/ FINE SAND 317 SANDY CLAY W/ FINE SAND 318 SANDY CLAY W/ FINE SAND 319 SANDY CLAY W/ FINE SAND 310 SANDY CLAY W/ FINE SAND 310 SANDY CLAY W/ FINE SAND 311 SANDY CLAY W/ FINE SAND 311 SANDY CLAY W/ FINE SAND 312 SANDY CLAY W/ FINE SAND 313 SANDY CLAY W/ FINE SAND 314 SANDY CLAY W/ FINE SAND 315 SANDY CLAY W/ FINE SAND 316 FIRM DRAWN 317 SANDY CLAY W/ FINE SAND 318 SANDY CLAY W/ FINE SAND 319 SANDY CLAY W/ FINE SAND 310 SANDY CLAY W/ FINE SAND 311 SANDY CLAY W/ FINE SAND 311 SANDY CLAY W/ FINE SAND 312 SANDY CLAY W/ FINE SAND 313 SANDY CLAY W/ FINE SAND 314 SANDY CLAY W/ FINE SAND 315 SANDY CLAY W/ FINE SAND 316 SANDY CLAY W/ FINE SAND 317 SANDY CLAY W/ FINE SAND 318 SANDY CLAY W/ FINE SAND 318 SANDY CLAY W/ FINE SAND 319 SANDY CLAY W/ FINE SAND 310 SANDY CLAY W/ FINE SAND 310 SANDY CLAY W/ FINE SAND 311 SANDY CLAY W/ FINE SAND 312 SANDY CLAY W/ FINE SAND 313 SANDY CLAY W/ FINE SAND 314 SANDY CLAY W/ FINE SAND 315 SANDY CLAY W/ FINE SAND 316 SANDY CLAY W/ FINE SAND 317 SANDY CLAY W/ FINE SAND 318 SANDY CLAY W/ FINE SAND 319 SANDY CLAY W/ FINE SAND 310 SANDY CLAY W/ FINE SAND 310 SANDY CLAY W/ FINE SAND 310 SANDY		246	254	FINE-MED-COARSE SAND W/ FINE-MED GRAVEL	STIFF		FAST		FAST CHATTER	
283 270 BLUE CLAY W/ BROWN CLAY MIXED 270 280 SANDY CLAY W/ FINE SAND 280 316 FINE-MED-COARSE SAND W/ FINE-MED-LARGE GRAVEL 316 337 SANDY CLAY W/ FINE-MED-COARSE SAND 317 364 FINE-MED-COARSE SAND W/ FINE-MED GRAVEL 318 373 SANDY CLAY W/ FINE-MED-COARSE SAND 319 FINE-MED-COARSE SAND W/ FINE-MED GRAVEL 310 SANDY CLAY W/ FINE-MED-COARSE SAND 3110 FIRM 3111 TAN 3111 FAST 311 FAST 31		254	263	BROWN STICKY CLAY			FAST		SMOOTH	
270 280 SANDY CLAY W/ FINE SAND 280 316 FINE-MED-COARSE SAND W/ FINE-MED-LARGE GRAVEL 316 337 SANDY CLAY W/ FINE-MED-COARSE SAND 337 364 FINE-MED-COARSE SAND W/ FINE-MED GRAVEL 364 373 SANDY CLAY W/ FINE-MED-COARSE SAND 365 FINE-MED-COARSE SAND W/ FINE-MED GRAVEL 370 SANDY CLAY W/ FINE-MED-COARSE SAND 371 SANDY CLAY W/ FINE-MED-COARSE SAND 372 FINE-MED-COARSE SAND W/ FINE-MED GRAVEL 373 422 FINE-MED-COARSE SAND W/ FINE-MED GRAVEL 374 SANDY CLAY W/ FINE-MED GRAVEL 375 SANDY CLAY W/ FINE-MED GRAVEL & CLAY LEDGES 376 FAST CHATTER 377 SANDY CLAY W/ FINE SAND 378 SANDY CLAY W/ FINE SAND 379 SANDY CLAY W/ FINE SAND 370 SANDY CLAY W/ FINE SAND 370 SANDY CLAY W/ FINE SAND 370 SANDY CLAY W/ FINE SAND 371 FAST CHATTER 372 SANDY CLAY W/ FINE SAND 373 SANDY CLAY W/ FINE SAND 374 SANDY CLAY W/ FINE SAND 375 SANDY CLAY W/ FINE SAND 376 SANDY CLAY W/ FINE SAND 377 SANDY CLAY W/ FINE SAND 378 SANDY CLAY W/ FINE SAND 379 SANDY CLAY W/ FINE SAND 370 SANDY CLAY W/ FINE SAND 370 SANDY CLAY W/ FINE SAND 370 SANDY CLAY W/ FINE SAND 371 SANDY CLAY W/ FINE SAND 372 SANDY CLAY W/ FINE SAND 373 SANDY CLAY W/ FINE SAND 374 SANDY CLAY W/ FINE SAND 375 SANDY CLAY W/ FINE SAND 376 SANDY CLAY W/ FINE SAND 377 SANDY CLAY W/ FINE SAND 378 SANDY CLAY W/ FINE SAND 379 SANDY CLAY W/ FINE SAND 370 SANDY CLAY W/ FINE SAND 371 SANDY CLAY W/ FINE SAND 372 SANDY CLAY W/ FINE SAND 373 SANDY CLAY W/ FINE SAND 374 SANDY CLAY W/ FINE SAND 375 SANDY CLAY W/ FINE SAND 376 SANDY CLAY W/ FINE SAND 377 SANDY CLAY W/ FINE SAND 377 SANDY CLAY W/ FINE SAND 378 SANDY CLAY W/ FINE SAND 379 SANDY CLAY W/ FINE SAND 370		263	270	BLUE CLAY W/ BROWN CLAY MIXED			FAST			
316 FINE-MED-COARSE SAND W/ FINE-MED-LARGE GRAVEL 317 SANDY CLAY W/ FINE-MED-COARSE SAND 318 SANDY CLAY W/ FINE-MED-COARSE SAND 319 SANDY CLAY W/ FINE-MED-COARSE SAND 310 SANDY CLAY W/ FINE-MED-COARSE SAND 310 SANDY CLAY W/ FINE-MED-COARSE SAND 311 FIRM 311 FIRM 311 FAST 311 FAST 312 FINE-MED-COARSE SAND W/ FINE-MED GRAVEL 313 SANDY CLAY W/ FINE-MED-COARSE SAND 314 FINE-MED-COARSE SAND W/ FINE-MED GRAVEL 315 SANDY CLAY W/ FINE SAND 316 FIRM 317 TAN 318 FAST 318 FAST 319 FAST 319 FAST 410 FAST 410 FAST 411 FAST 411 FAST 411 FAST 412 FINE-MED-COARSE SAND W/ FINE GRAVEL & CLAY LEDGES 414 FINE-MED-COARSE SAND W/ FINE GRAVEL & CLAY LEDGES 415 FAST 416 FAST 417 FAST 417 FAST 418 FAST 418 FAST 418 FAST 419 FAST 419 SANDY CLAY W/ FINE SAND 410 SANDY CLAY W/ FINE SAND 410 SANDY CLAY W/ FINE SAND 411 FAST 412 FINE-MED-COARSE SAND W/ FINE GRAVEL & CLAY LEDGES 414 FAST 415 FAST 416 FAST 417 FAST 417 FAST 418 F		270	280	SANDY CLAY W/ FINE SAND	SOFT	BROWN	FAST			
316 337 SANDY CLAY W/ FINE-MED-COARSE SAND 337 364 FINE-MED-COARSE SAND W/ FINE-MED GRAVEL 364 373 SANDY CLAY W/ FINE-MED-COARSE SAND 373 422 FINE-MED-COARSE SAND W/ FINE-MED GRAVEL 374 422 FINE-MED-COARSE SAND W/ FINE-MED GRAVEL 375 422 FINE-MED-COARSE SAND W/ FINE-MED GRAVEL 376 SANDY CLAY W/ FINE SAND 377 SANDY CLAY W/ FINE SAND 378 SANDY CLAY W/ FINE SAND 379 FAST FAST FAST CHATTER 380 SANDY CLAY W/ FINE SAND 380 SANDY CLAY W/ FINE		280	316	FINE-MED-COARSE SAND W/ FINE-MED-LARGE GRAVEL	HARD		FAST		CHATTER	
364 373 SANDY CLAY W/ FINE-MED-COARSE SAND 373 422 FINE-MED-COARSE SAND W/ FINE-MED GRAVEL 422 440 FINE-MED-COARSE SAND W/ FINE GRAVEL & CLAY LEDGES 440 455 SANDY CLAY W/ FINE SAND 455 465 CEMENTED SAND 455 465 CEMENTED SAND 465 490 SANDY CLAY W/ FINE SAND 510 530 BROWN ROCK W/ SANDSTONE/ FINE SAND & WEATHERED SHALE 516 530 BROWN ROCK W/ SANDSTONE/ FINE SAND & WEATHERED SHALE 517 FAST SMOOTH & CHATTER 5MOOTH & CH		316	337		FIRM	ORANGE	FAST		SMOOTH & CHOPPY	
373 422 FINE-MED-COARSE SAND W/ FINE-MED GRAVEL 422 440 FINE-MED-COARSE SAND W/ FINE GRAVEL & CLAY LEDGES 440 455 SANDY CLAY W/ FINE SAND 455 465 CEMENTED SAND 455 465 CEMENTED SAND 465 490 SANDY CLAY W/ FINE SAND 465 490 SANDY CLAY W/ FINE SAND 466 510 SOAPSTONE W/ BROWN CLAY & FINE SAND 510 530 BROWN ROCK W/ SANDSTONE/ FINE SAND & WEATHERED SHALE 510 530 BROWN ROCK W/ SANDSTONE/ FINE SAND & WEATHERED SHALE 510 530 BROWN ROCK W/ SANDSTONE/ FINE SAND & WEATHERED SHALE 510 530 BROWN ROCK W/ SANDSTONE/ FINE SAND & WEATHERED SHALE 510 530 BROWN ROCK W/ SANDSTONE/ FINE SAND & WEATHERED SHALE 510 530 BROWN FAST 510 FAST CHATTER		337	364	FINE-MED-COARSE SAND W/ FINE-MED GRAVEL	STIFF	SCHEDING	FAST	HUSEL!	FAST CHATTER	
422 440 FINE-MED-COARSE SAND W/ FINE GRAVEL & CLAY LEDGES STIFF FAST FAST CHATTER SMOOTH & SMOOTH & VIBRATION 440 455 SANDY CLAY W/ FINE SAND SOFT TAN FAST VIBRATION 455 465 CEMENTED SAND HARD SLOW CHATTER 465 490 SANDY CLAY W/ FINE SAND SOFT FAST VIBRATION 490 510 SOAPSTONE W/ BROWN CLAY & FINE SAND SOFT BROWN FAST VIBRATION 510 530 BROWN ROCK W/ SANDSTONE/ FINE SAND & WEATHERED SHALE STIFF BROWN FAST FAST CHATTER		364	373	SANDY CLAY W/ FINE-MED-COARSE SAND	FIRM	TAN	FAST	A.6	SMOOTH & CHOPPY	
440 455 SANDY CLAY W/ FINE SAND SOFT TAN FAST SMOOTH & VIBRATION 455 465 CEMENTED SAND HARD SLOW CHATTER 465 490 SANDY CLAY W/ FINE SAND SOFT FAST VIBRATION 490 510 SOAPSTONE W/ BROWN CLAY & FINE SAND SOFT BROWN FAST VIBRATION 510 530 BROWN ROCK W/ SANDSTONE/ FINE SAND & WEATHERED SHALE STIFF BROWN FAST FAST CHATTER		373	422	FINE-MED-COARSE SAND W/ FINE-MED GRAVEL	STIFF		FAST	Marie Control	FAST CHATTER	
440 455 SANDY CLAY W/ FINE SAND SOFT TAN FAST VIBRATION 455 465 CEMENTED SAND HARD SLOW CHATTER 465 490 SANDY CLAY W/ FINE SAND SOFT FAST VIBRATION 490 510 SOAPSTONE W/ BROWN CLAY & FINE SAND SOFT BROWN FAST VIBRATION 510 530 BROWN ROCK W/ SANDSTONE/ FINE SAND & WEATHERED SHALE STIFF BROWN FAST FAST CHATTER		422	440	FINE-MED-COARSE SAND W/ FINE GRAVEL & CLAY LEDGES	STIFF		FAST	A	FAST CHATTER	
465		440	455	SANDY CLAY W/ FINE SAND	SOFT	TAN	FAST			
465 490 SANDY CLAY W/ FINE SAND SOFT FAST VIBRATION 490 510 SOAPSTONE W/ BROWN CLAY & FINE SAND SOFT BROWN FAST VIBRATION 510 530 BROWN ROCK W/ SANDSTONE/ FINE SAND & WEATHERED SHALE STIFF BROWN FAST FAST CHATTER BLUE & BLUE & BLUE & FAST FAST CHATTER		455	465	CEMENTED SAND	HARD		SLOW			
490 510 SOAPSTONE W/ BROWN CLAY & FINE SAND SOFT BROWN FAST VIBRATION 510 530 BROWN ROCK W/ SANDSTONE/ FINE SAND & WEATHERED SHALE STIFF BROWN FAST FAST CHATTER BLUE & BLUE &		465	490	SANDY CLAY W/ FINE SAND	SOFT		FAST			
510 530 BROWN ROCK W/ SANDSTONE/ FINE SAND & WEATHERED SHALE STIFF BROWN FAST FAST CHATTER BLUE &		490	510	SOAPSTONE W/ BROWN CLAY & FINE SAND	SOFT	BROWN	FAST		VIBRATION	
	į	510	530	BROWN ROCK W/ SANDSTONE/ FINE SAND & WEATHERED SHALE	STIFF	BROWN	FAST		FAST CHATTER	
		530	561	SHALE			SLOW		SMOOTH	

TW	FROM	то	TYPE	HARDNESS	COLOR	SPEED	PULL DOWN	OTHER /
	561	566	IRON PYRITE WI SANDSTONE	HARD		SLOW	х	CHATTER
	566	581	SHALE	SOFT	BLUE	SLOW		ѕмоотн
	581	585	HARD SPOT	HARD		SLOW	x	CHATTER
	585	591	SANDSTONE W/ FINE SAND & IRON PYRITE	STIFF	GRAY	FAST	<u> </u>	FAST CHA
	591	592	IRON PYRITE	HARD		SLOW	х	CHATTER
	592	595	SANDSTONE W/ FINE SAND & IRON PYRITE	STIFF	GRAY	FAST	623	FAST CHA
	595	598	HARD SPOT	HARD		SLOW	x	CHATTER
	598	610	SANDSTONE W/ FINE SAND & WHITE SOAPSTONE	STIFF	GRAY	FAST	المان المان	FAST CHA
	610	653	SANDSTONE W/ FINE SAND	STIFF	GRAY	FAST	AND	FAST CHA
	653	658	HARD SPOT	HARD		SLOW	x	CHATTER
	658	674	SANDSTONE W/ FINE SAND	STIFF	GRAY	FAST	A PORT	FAST CHA
	674	700	RED BED	HARD	RED	SLOW	x	CHATTER
			QUIKGEL - 6					
			WATER LOADS - 2					
			SODA ASH - 1/2					
			EZ MUD - 1/4					
			HOLE PLUG - 2					
			CASING SEAL - 1					
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			Garden City Field Og					
			Garden City Field Office Division of Water Resources					
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Change in point of diversion for water right 21239





Proposed point of diversion



All wells within 1/2 mile are on this map.

X_____





HIGH PLAINS RANCH, LLC

COMPANY

: DOWNEY DRILLING INC

WELL

; HIGH PLAINS RANCH, LL

LOCATION/FIELD

COUNTY

: GRANT

LOCATION

: NWSE

SECTION

: 3

TOWNSHIP

PERMANENT DATUM : GL

LOG MEASURED FROM: GL

DRL MEASURED FROM: GL

: 298

OTHER SERVICES:

RANGE: 35W

DATE

LOG TOP

: 09/24/21

: 700

LOG BOTTOM

: 702.00

: 0.90

CASING DIAMETER: 10.

CASING TYPE

DEPTH DRILLER

CASING THICKNESS:

BIT SIZE : 6.25

MAGNETIC DECL. : 0

MATRIX DENSITY : 2.71

NEUTRON MATRIX: LIMESTON

BOREHOLE FLUID

LOGGING UNIT

FIELD OFFICE

RECORDED BY

RM TEMPERATURE

MATRIX DELTA T

: 1903

: DDI : DIEGO

: MUD

KB

DF

GL

FILE : ORIGINAL

TYPE : 8144A

LGDATE: 09/24/21

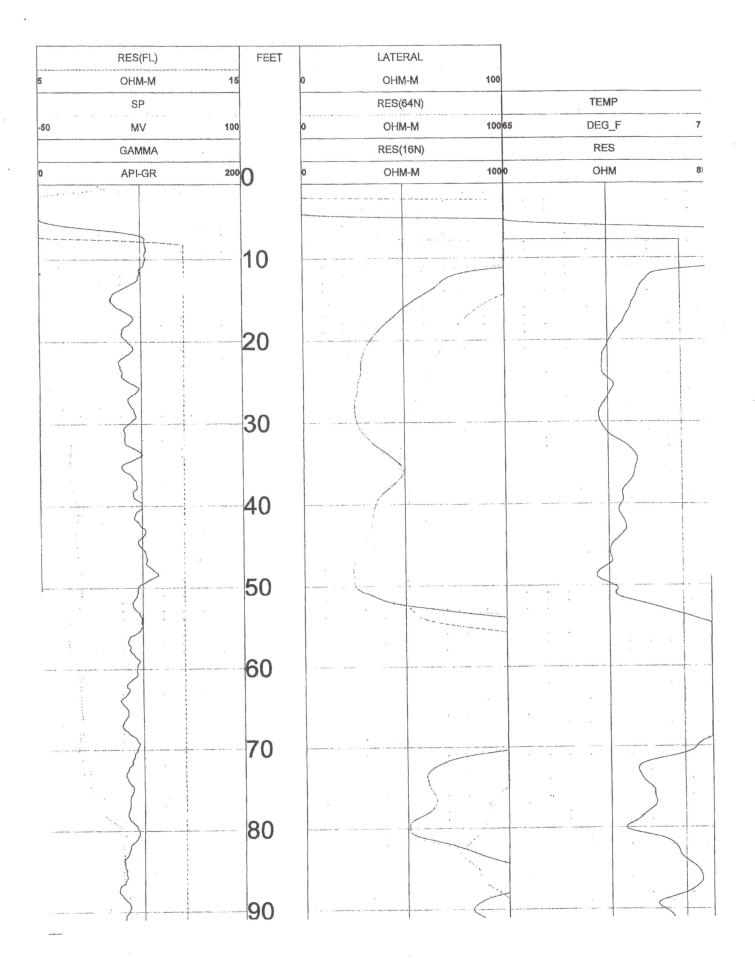
LGTIME: 17:47:

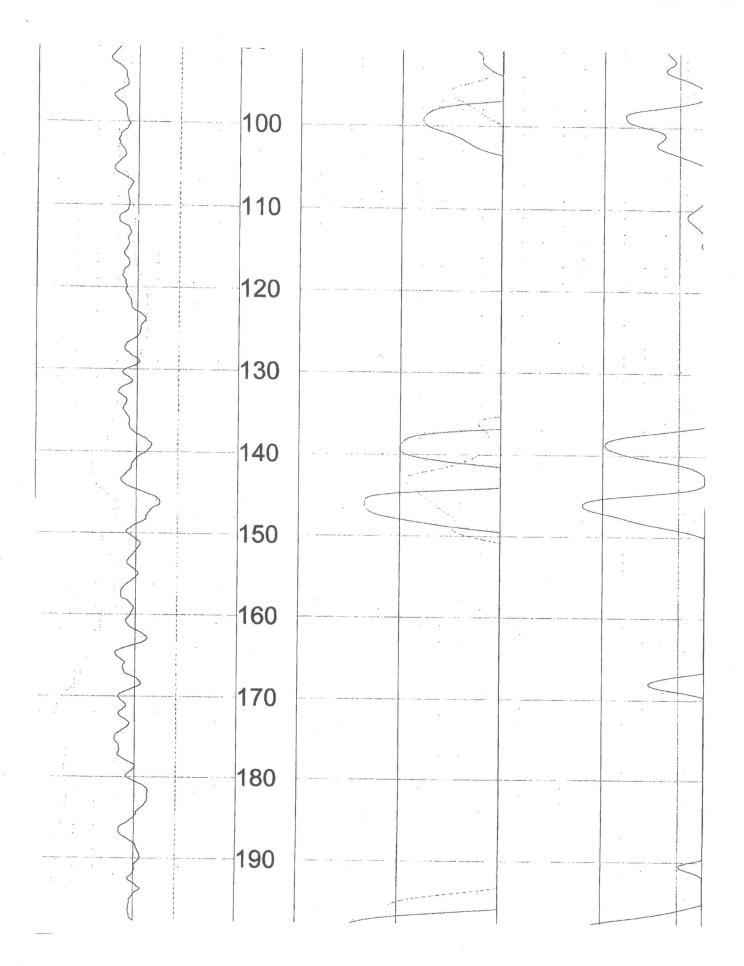
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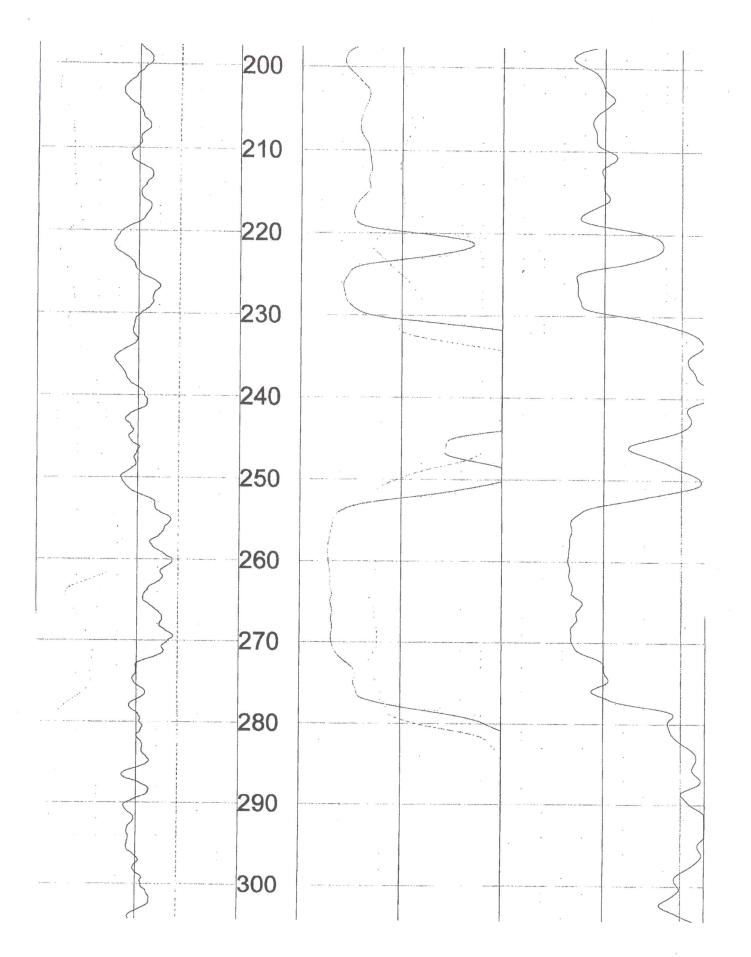
N 37.54782 W-101.13559

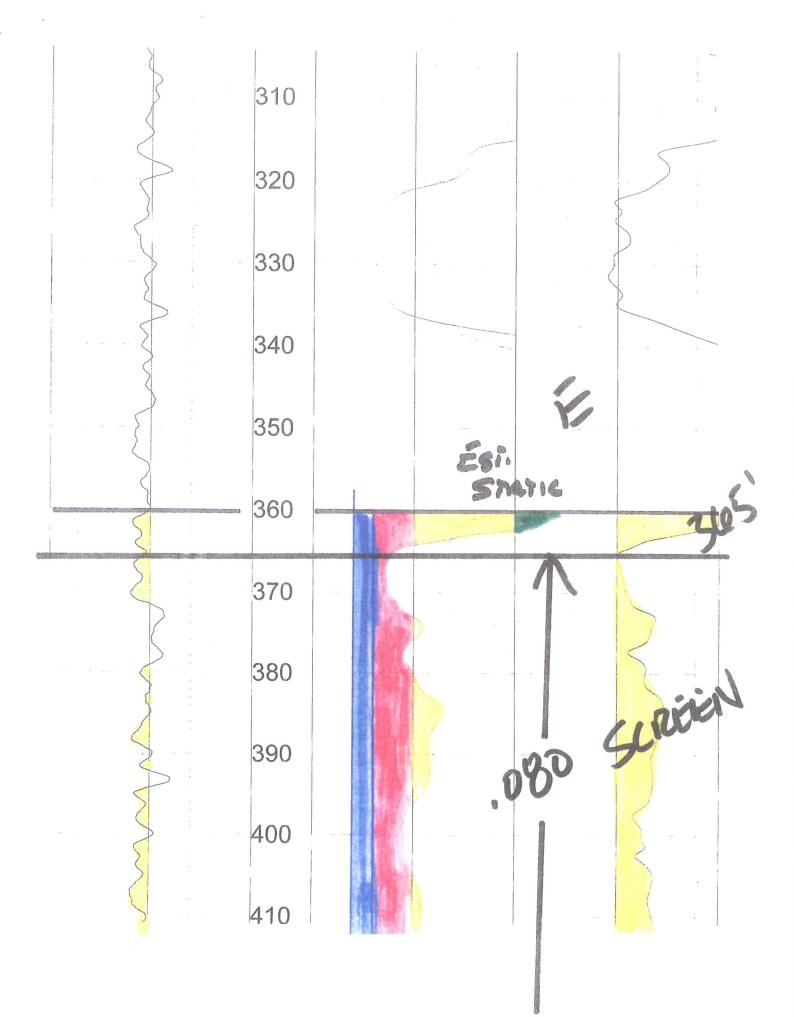
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

ELEV = 3029'



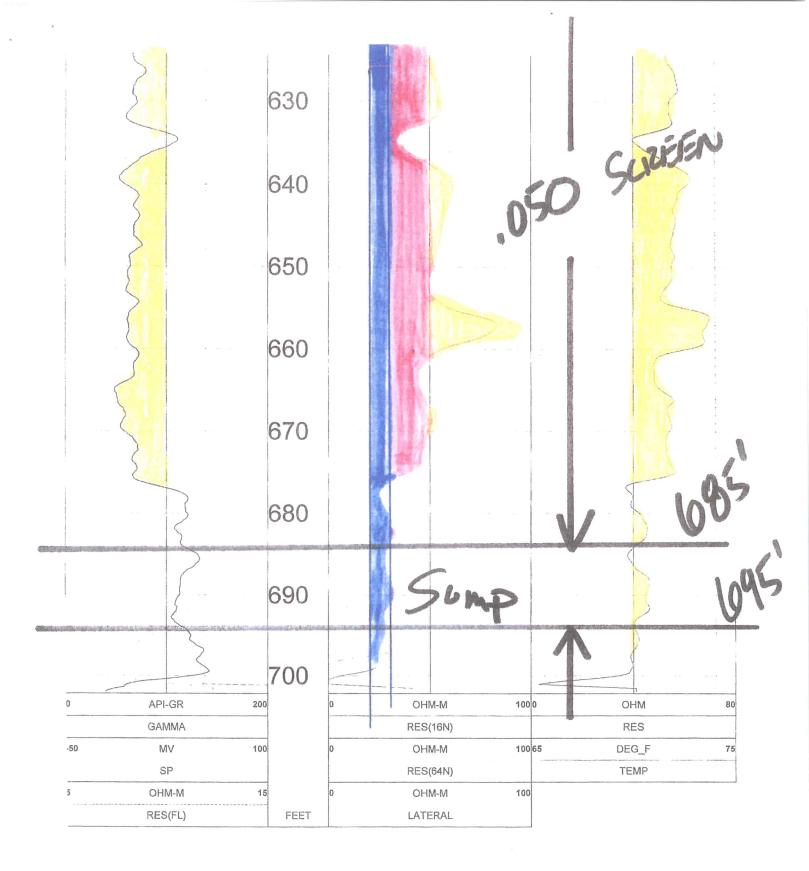






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	610		
	620		



TOOL 8144A SERIAL NUM						
DATE	TIME	SENSOR	STA	ANDARD	RES	SPONSE
Sep09,20	09:08:33	GAMMA	1.000	[API-GR]	0.000	[CPS]
Sep09,20	09:08:33	GAMMA	340.000	[API-GR]	292,000	[CPS]
Sep09,20	09:32:04	RES(FL)	1.331	[OHM-M]	7595.000	[CPS]
Sep09,20	09:32:04	RES(FL)	42.720	OHM-M	64820.000	[CPS]
Sep10,20	08:27:30	SP `	0.000	[MV]	327793.313	[CPS]
Sep10,20	08:27:30	SP	390.000	IMV 1	155565.500	[CPS]
Sep10,20	08:28:21	RES(16N)	0.000	[OHM-M]	3456.300	[CPS]
Sep10,20	08:28:21	RES(16N)	1956.000	[OHM-M]	448149.094	[CPS]
Sep10,20	08:29:13	RES(64N)	0.000	OHM-M	3150.900	[CPS]
Sep10,20	08:29:13	RES(64N)	1991.800	[OHM-M]	447597,813	[CPS]
Sep09,20	09:30:45	TEMP	33,400	[DEG_F]	66910.000	[CPS]
Sep09,20	09:30:45	TEMP	105.800	[DEG_F]	269401.000	[CPS]
Sep10,20	08:29:42	RES	0.000	[OHM]	21274.301	[CPS]
Sep10,20	08:29:42	RES	945.000	I MHOI	190164.500	[CPS]



Well Design & Construction "PROPOSED"

Design.

LEXINGTON, NE CUSTOMER NAME: HIGH PLAINS RANCH DAIRY TEST HOLE #1

Legal: SW/SE 3-29S-35W County: GRANT
G.P.S.: 37.547829 Date:

101.135596 WO #: 22-564

DRILLER: WATER SUPPLY: CUSTOMER'S WELL

HELPER(S): DRILLING RIG: M-100

BOREHOLE DIAMETER: 30" DRILLING METHOD: REVERSE CIRCULATION
CASING DIAMETER: 16" QUIKGEL: TBD HOLE PLUG: 20' +

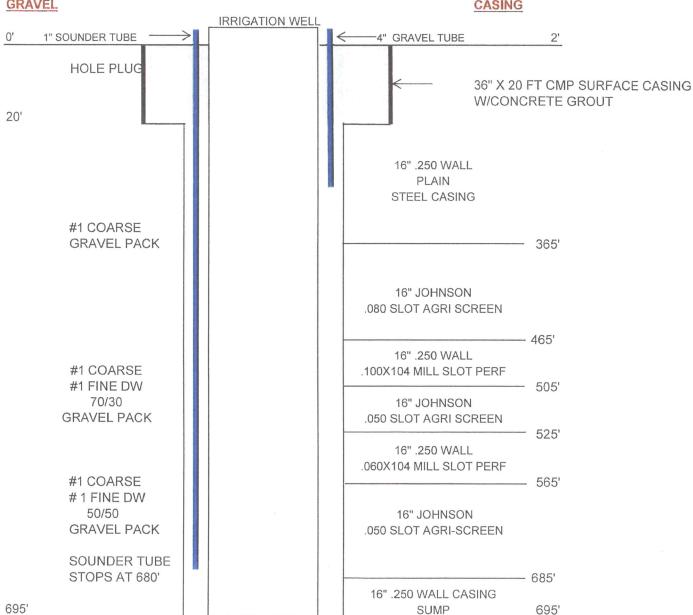
TOTAL WELL DEPTH: 695' GRAVEL: #1 COARSE - #1 FINE DW 150+ TONS

DRILLING FLUID: N/A GRAVEL SUPPLIER: HUBER

ADDITIONAL INFO: AT TEST HOLE #1 LOCATION 36"X20' SURFACE CASING

GROUT AND GRAVEL

SCREEN AND CASING



Do Not USE



Well Design & Construction "PROPOSED"

Custom	er Name: HIGH F	LAINS RANCH DAIRY	TEST HOLE #1	ELEV	v= 3029'
Legal:	SW/SE 3-29S-35W		County: GRANT	and the second s	And a surface of growing contract the strategy of the strategy
G.P.S.:	37.547829		Date:		
	101.135596		WO #: 22-564		
DRILLER:			WATER SUPPLY:	CUSTOMEDIS	M=1 I
HELPER(S			DRILLING RIG:		A E F F
	LE DIAMETER: 30"		DRILLING METHOD:	REVERSE CIRC	ULATION
	NG DIAMETER: 16"		QUIKGEL: TBD	HOLE PLU	G: <u>20'</u> +
	WELL DEPTH: 695'		GRAVEL: #1 COARSE - #	1 FINE DW	150+ TONS
		AT TEST HOLE #1		36"Y20' SHR	FACE CASING
GROUT	THOMAL INFO.	AT TEST HOLE #1	LOCATION	30 AZ0 30N	FACE CASING
AND				SCREEN AN	D
GRAVEL				CASING	
01 411 0	OUNDED TUDE	IRRIGATION WELL	539		01
0' 1" S	OUNDER TUBE		← 4" GRAVEL TUBE		2'
	HOLE PLUG				
					CMP SURFACE CASING
0.01				W/CONCRE	TE GROUT
20'			Annie transfera a minority consumana managama managama managama managama managama managama managama managama m		
			16" .250 WAL	L	
			PLAIN		
			STEEL CASIN	G	
	#1 COARSE				
	GRAVEL PACK			36	55'
			16" JOHNSOI		
			.080 SLOT AGRI SO	SKEEN	
	*			46	5'
			16" .250 WAL	L	
	#1 COARSE		.100X104 MILL SLO		
	#1 FINE DW 70/30		16" JOHNSOI		05'
	GRAVEL PACK		.050 SLOT AGRI SC		
				52	25'
			16" .250 WAL		
	#4 COADCE		.060X104 MILL SLO		251
	#1 COARSE # 1 FINE DW				S5'
	50/50		16" JOHNSO	N	
	GRAVEL PACK		.050 SLOT AGRI-S	CREEN	
	001111				
	SOUNDER TUBE			60	E1
	STOPS AT 680'		16" .250 WALL CA	68 ASING	J
695'			SUMP		95'



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

June 27, 2022

Hunter Hershey Division of Water Resources 4532 W Jones Ave., Suite B Garden City, Kansas 67846

RE: Application for Change in Point of Diversion

Water Right, File No. 21329

Dear Hunter:

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

Well evaluations were conducted to estimate possible effects of the proposal on the supply of other wells with water rights prior to the proposal per K.S.A. 82a-708b, and the management program. Under K.S.A. 82a-708b, an applicant requesting a change in point of diversion must demonstrate to the chief engineer that any proposed change is reasonable and will not impair. The enclosed report is an analysis performed by the GMD on behalf of our membership. Under this analysis, the proposed change is considered to be reasonable and unlikely to impair if either the net in-season well-to-well effect of the proposed change is less than a strict maximum allowable threshold (3.5 ft with saturated thickness is between 150-200ft), or if no well with a net well-to-well effect exceeding the threshold is identified as critical. Critical wells are identified as wells that are expected to either lose or greatly diminish water supply over the next 25 years. The attached review information is based on a Theis analysis using inputs from the GMD3 aquifer model, which is considered to be the best information on well and aquifer data readily and easily available to the public. If either the applicant or the neighbors believe they have better data that might change the result of the analysis, they should contact GMD3. Conclusions of the well analysis may change if better information on well and aquifer data can be made available.

Every neighboring well within 1 mile of the proposed move was evaluated. Evaluations showed that none of the neighboring wells exceeded the net effect above the maximum allowable threshold and needed no further evaluation. No critical wells were determined in the area. Therefore, GMD3 sees this move as meeting current area rules and would recommend approval. If aquifer conditions change or there is a change to the water right in the future, we would be happy to evaluate the effects at that time.

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

Sincerely,

RECEIVED

JUN 27 2022

Garden City Field Office Division of Water Resources Throw 8

Jason L. Norquest Assistant Manager

GMD3 Change Review

File No(s).: <u>21329</u> .	DWR office: <u>GC</u> .
App filed to change: PD	
Is Landowner(s) correct in WRIS: High P	lains Ranch LLC %Bernard TeVelde.
If NO, is documentation included?	
Is Water Use Correspondent correct in WR1	S?
If NO, is documentation included?	
Regulation(s) Reviewed: KAR 5-23-3	
Point of diversion ID No(s) 01 being cha	nged.
ft. North ft. West	
Authorized PD 1980 2640	Sect 3-29-35
<u>Proposed PD</u> 150 2615	
Difference 1830 s 25	
a2 + b2 = c2 3348900 625	1830.171 foot move S
GPS for proposed PD: Lat: 37.547829	Long: <u>-101.135596</u> .
Is proposed PD stacking on existing WRs?	
Is Proposed PU overlapping existing WRs?	No Change.
Neighboring certified well(s) notified:	(2.402)
Name Scout Energy Management LLC 9	<u> «Regulatory Manager (8492)</u> .
Address 13800 Montfort Rd, Suite 100.	
Zip <u>Dallas, TX 75240</u> .	
Email: <u>ssequera@scoutep.com</u> Phone	: 972-590-6353.
Name <u>Praxair Inc. (22303D1).</u>	
Address <u>13139 E US Hwy 160</u> .	
Zip Satanta, KS 67870.	DI
Email: kevin.shilling@linde.com	Phone: <u>620-353-9001</u> .
Daniel March March	
Domestic well(s) notified: None found in	area.
Name Address	
_	
Zip	
Base Acres:	
Perfected Acres:	
Irr. Return-Flow%	
21329 authorized: 640AF @ 1525gpm	
Reported water use (2012-2021): 152.5A	F/vear average
Reported 400gpm on 2012 WUR.	i/jemi areinge
No recent inspection with the well running	10.
Proposed well to depth around 700'.	*B*
a ropostu men to depth around 700 .	

GMD3 Change Review

Is a waiver needed: Move is less than half mile. Minimum spacing to neighboring wells appears to be met. Analysis shows possible effects within guidelines, no critical wells.

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

Located at: 101.135596 West Longitude and 37.547830 North Latitude Both SURFACE WATER and GROUNDWATER WATER USE CORRESPONDENTS: File Number Use ST SR > SCOUT ENERGY MANAGEMENT LLC 8492 > REGULATORY MANAGER 13800 MONTFORT RD SUITE 100 > DALLAS TX 75240 >-----> HIGH PLAINS RANCH LLC 12442 Applicant ➢ BERNARD TE VELDE > 2911 HANFORD ARMONA DR > HANFORD CA 93230 > HIGH PLAINS RANCH LLC Application > BERNARD TE VELDE 21729 / > 2911 HANFORD ARMONA DR > HANFORD CA 93230 > PRAXAIR INC > 22303 201 > 13139 E US HWY 160 > SATANTA KS 67870 >-----> HIGH PLAINS RANCH LLC > BERNARD TE VELDE 22 30302 Applicant > 2911 HANFORD ARMONA DR > HANFORD CA 93230

Water Rights and Points of Diversion Within 1 mile of point defined as:

 $150\ \text{Feet}\ \text{N}$ and $2615\ \text{Feet}\ \text{W}$ of the Southeast Corner of Section 3 Twp 29S Rng 35W Located at: $101.135596\ \text{West}$ Longitude and $37.547830\ \text{North}$ Latitude

Both	SURFACE WA	TER	and	GROUN	IDWATE	R									23	00'	or A11		
																	Auth_Quan		
	8492 00	IND	NK (G	397	8 2	- SW	SW	NW	3040	5220	2	29	35W	3		509.74	509.74	
	12442 00	IRR	NK (G	414	4 -	- NW	NW	SW	2590	4990	11	29	35W	4		586.00	586.00	
	21329 00	IRR	NK (G <u></u>	> 182	8 -	- NC	N2	S2	1980	2640	3	29	35W	1		640.00	640.00	
	22303 D1	IND	NK (G	503	4 <	- NE	NE	NM	5175	2890	3	29	35W	2		509.44	509.44	
	22303 D2	STK	NK (G	459	8 -	- NW	SW	NM	3915	5250	3	29	35W	3		510.36	510.36	
AF =====		====				===		===	===:			<u></u>					-=======		
Total	Net Quant	itie	es Ai	uthori	zed:	D	irec	t		Sto	orage								
Total	Requested	l Amo	ount	(AF)	=		.0	0			.00			2 -			opears.		
	Permitted										.00		1	161	0	-	1		
Total	Inspected	l Amo	ount	(AF)	=		. 0	0			.00		•				,		
Total	Pro_Cert	Amo	ount	(AF)	-		. 0	0			.00			N	7 2"	1!			
Total	Certified	l Amo	ount	(AF)	===	27	55.5	3			.00			/					
Total	Vested	Amo	ount	(AF)	=		.0	0			.00								
TOTAL	AMOUNT			(AF)	=	27	55.5	3			.00								

An * after the source of supply indicates a pending application for change under the file number. An * after the ID indicates a 15 AF exemption was granted under the file number.

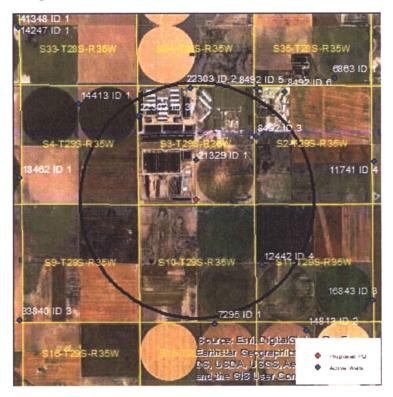
A "G" in the Batt column indicates the GEO CTR of a battery. A "B" indicates a well in the battery.

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

Water Rights and Points of Diversion Within 1 mile of point defined as:
150 Feet North and 2615 Feet West of the Southeast Corner of Section 3 Twp 29S Rng 35W

Evaluation of proposed move for Water Right No. 21329

Proposed: Move water right no. 21329 to a new well location, a distance of 1,789 ft to the south.



Wells within 1 mile: 22303 ID2, 22303 ID3, 8492, and 12442.

The saturated thickness at the proposed well location is estimated to be 168 ft, based upon the GMD3 model. For saturated thickness between 150 ft and 200 ft, the drawdown allowance is 3.5 ft.

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

S = 0.2834, T = 25,080 ft²/day, $tp_{current} = 86$ days (based on average use and reported rate), $Q_{current} = 400$ gpm (based on 2012 report), $tp_{proposed} = 95$ days, $Q_{proposed} = 1525$ gpm

Theis drawdowns were calculated as follows:

22303 ID2:

Drawdown from current location = 0.45 ft

Drawdown from proposed location = 1.38 ft

Net drawdown = 0.9 ft

22303 ID3:

Drawdown from current location = 0.45 ft

Drawdown from proposed location = 1.46 ft

Net drawdown = 1.0 ft

8492:

Drawdown from current location = 0.49 ft

Drawdown from proposed location = 1.64 ft

Net drawdown = 1.2 ft

12442:

Drawdown from current location = 0.31 ft

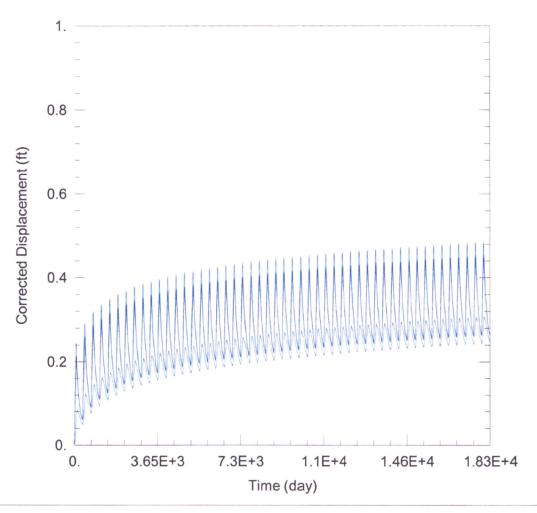
Drawdown from proposed location = 1.58 ft

Net drawdown = 1.3 ft

Net drawdown does not exceed the drawdown allowance of 3.5 ft for any well within 1 mile of the proposed location. Therefore, critical well analysis is not necessary.

Conclusion:

The proposed move is likely to create minimal effects on neighboring wells and appears unlikely to cause impairment. Any concerned neighbors should contact GMD3 at (620) 275-7147 or the Division of Water Resources at (620) 276-2901.



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2022_moves\21329\21329 Current.aqt

Date: 06/23/22 Time: 10:28:42

PROJECT INFORMATION

Company: GMD 3 Project: 21329

Location: Grant County

WELL DATA

Well Name	X (ft)	Y (ft)
21329	-97481	246944

Pumping Wells

Well Name	X (ft)	Y (ft)
	-97481	246944
□ 22303 ID2	-97730	250182
□ 22303 ID3	-100082	248931
8492	-94781	247991
12442	-94540	242251

Observation Wells

SOLUTION

Aquifer Model: Unconfined

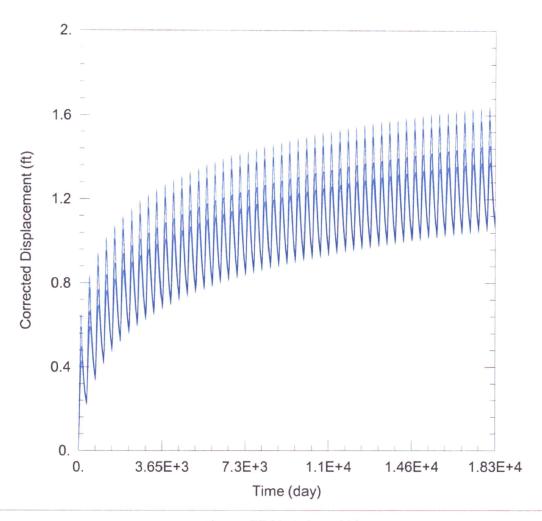
 $= 2.508E+4 \text{ ft}^2/\text{day}$

Kz/Kr = 1.

Solution Method: Theis

S = 0.2834

= 168. ft



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2022_moves\21329\21329 Proposed.aqt

Date: 06/23/22 Time: 10:28:36

PROJECT INFORMATION

Company: GMD 3 Project: 21329

Location: Grant County

WELL DATA

Pumping Wells					
Well Name	X (ft)	Y (ft)			
21329	-97457	245156			

Well Name	X (ft)	Y (ft)
	-97457	245156
□ 22303 ID2	-97730	250182
□ 22303 ID3	-100082	248931
□ 8492	-94781	247991
· 12442	-94540	242251

Observation Wells

SOLUTION

Aquifer Model: Unconfined

 $T = 2.508E + 4 \text{ ft}^2/\text{day}$

Kz/Kr = 1.

Solution Method: Theis

S = 0.2834b = 168. ft Garden City Field Office 4532 W. Jones, Suite B Garden City, KS 67846



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

Mike Beam, Secretary

Laura Kelly, Governor

June 13, 2022

GROUNDWATER MANAGEMENT DISTRICT #3 2009 E SPRUCE ST GARDEN CITY KS 67846

Re:

Request for Recommendation,

File Nos. 21329

Dear Sir or Madam:

We are enclosing a copy of the referenced applications, which was submitted by HIGH PLAINS RANCH LLC. Attn: BERNARD TE VELDE and appears to be in proper form, for your review.

We are delaying any further action for a period of 15 days from the date of this letter to allow you time to submit your recommendation concerning this application. Please submit your recommendation within the allotted time, or any authorized extension of time thereof.

If you have any questions, please contact me at (620) 276-2901. If you wish to discuss a specific file, please have the file number ready to that I may help you more efficiently.

Sincerely,

Hunter Hershey

Water Conservation Specialist

Enclosure

pc: