

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

April 9, 2018

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

Re: Water Right file number 22373

Dear Mr. Norquest;

Graham Farms inc has applied to relocate the well authorized by the above water right number. There are two neighboring wells within ½ mile of the requested.

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

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

Sincerely;

A handwritten signature in black ink, appearing to read "TPM", with a long horizontal flourish extending to the right.

Thomas P Makens

TPM:tpm

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

Call for address:

Topeka -- (785) 862-6300
 Stafford -- (620) 234-5311
 Stockton -- (785) 425-6787
 Garden City -- (620) 276-2901
www.ksda.gov/dwr

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



STATE OF KANSAS

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

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

RECEIVED
 2:58pm
 MAR 21 2018

File No. 22373

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

Place of Use Point of Diversion

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

The source of supply is: Groundwater Surface water

2. Name and address of Applicant: GRAHAM FARMS INC
2150 ROAD 220 DEERFIELD KS 67838-9513

Phone Number: () Email address: _____

Name and address of Water Use Correspondent: GRAHAM FARMS INC
2150 ROAD 220 DEERFIELD KS 67838-9513

Phone Number: () Email address: _____

3. The presently authorized place of use is:
 Owner of Land ---- NAME: GRAHAM FARMS INC
 ADDRESS: 2150 ROAD 220 DEERFIELD KS 67838-9513

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

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES	
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼		

4. If this application is for a change in place of use, it is proposed that the place of use be changed to:
 Owner of Land ---- NAME: no change to acres

ADDRESS: _____

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

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES	
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼		

For Office Use Only: Code _____ Fee \$ <u>200</u> TR # _____ Receipt Date <u>3/21/18</u> Check # <u>4549</u>

5. **Presently authorized point of diversion:**
 One in the se Quarter of the sw Quarter of the nw Quarter of Section 27, Township 25 South, Range 35 W, in Kearny County, Kansas, _____ feet North _____ feet West of Southeast corner of section.
 Authorized Rate _____ Authorized Quantity _____ Depth of well _____ (feet)
 (DWR use only: Computer ID No. 1 GPS 2649 feet North 3981 feet West)
 This point will not be changed This point will be changed as follows:
Proposed point of diversion: (Complete only if change is requested)
 One in the SE Quarter of the SE Quarter of the NW Quarter of Section 27, Township 25 South, Range 35 W, in Kearny County, Kansas, 2652 feet North 2755 feet West of Southeast corner of section.
 Proposed Rate _____ Proposed Quantity _____ Proposed well depth (feet) _____
 This point is: Additional Well Geo Center List other water rights that will use this point _____

6. **Presently authorized point of diversion:**
 One in the ne Quarter of the ne Quarter of the ne Quarter of Section 27, Township 25 South, Range 35 W, in Kearny County, Kansas, 5187 feet North 49 feet West of Southeast corner of section.
 Authorized Rate _____ Authorized Quantity _____ Depth of well _____ (feet)
 (DWR use only: Computer ID No. 6 GPS _____ feet North _____ feet West)
 This point will not be changed This point will be changed as follows:
Proposed point of diversion: (Complete only if change is requested)
 One in the _____ Quarter of the _____ Quarter of the _____ Quarter of Section _____, Township _____ South, Range _____ (E/W), in _____ County, Kansas, _____ feet North _____ feet West of Southeast corner of section.
 Proposed Rate _____ Proposed Quantity _____ Proposed well depth (feet) _____
 This point is: Additional Well Geo Center List other water rights that will use this point _____

7. Why do you need a new point of diversion? _____
 old well needs to be replaced _____

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

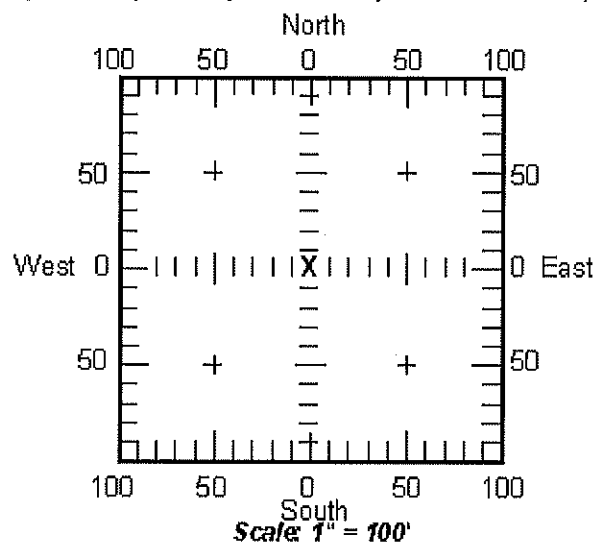
9. When do you propose to complete the new point of diversion?
April 5 2018

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

11. Groundwater Management District recommendation attached? Yes No

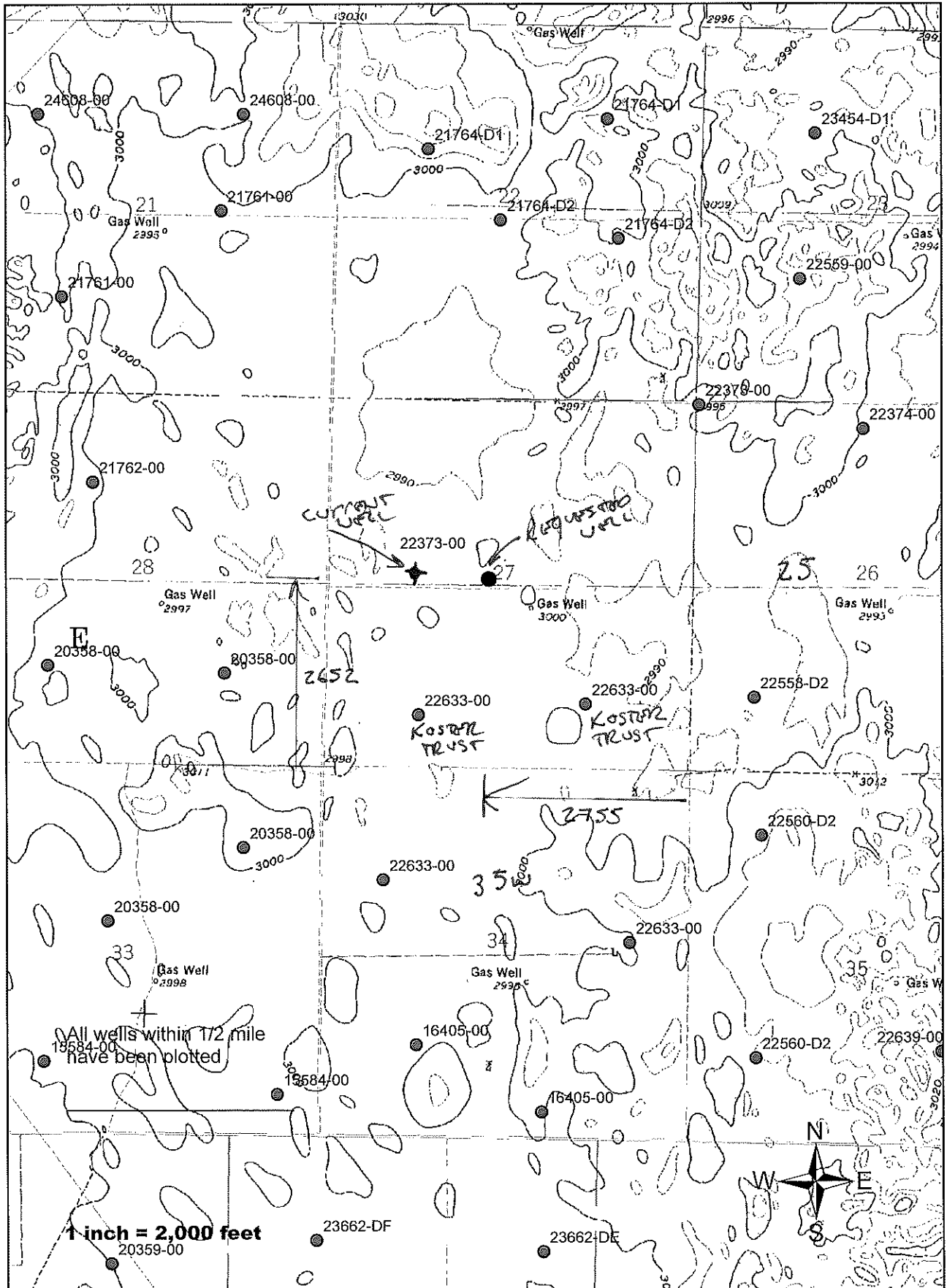
12. Assisted by tpm

13a. If the proposed point of diversion will be relocated within 100 feet of the existing point of diversion, indicate its location on the diagram below in relation to the existing point of diversion. (PLEASE NOTE: The "X" in center of diagram below represents presently authorized point of diversion.)



13b. If the proposed point of diversion will be relocated more than 100 feet but within 1320 feet from the existing point of diversion, attach a topographic map or aerial photograph. For groundwater sources, show all wells (including domestic) within one-half mile of the proposed point of diversion and the names and mailing addresses of the owners. For surface water sources, show the names and addresses of the landowner(s) one-half mile downstream and one-half mile upstream from your property lines.

22373



27-1 Test Hole

Downey GT 27-1
37.850551 -- Lat
-101.150034 -- Long

BTH by Roy

Legend

BTH

BTH

27-1 Well

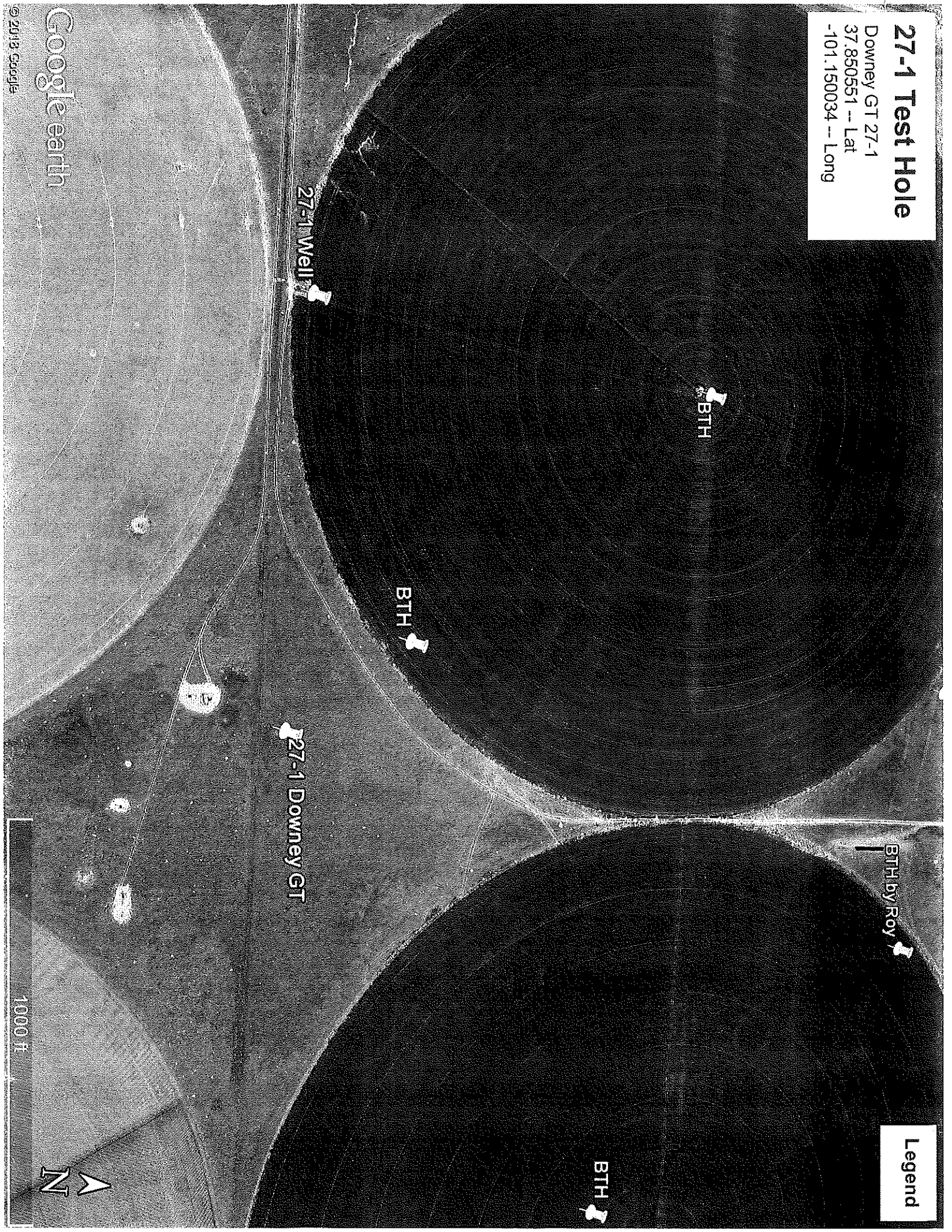
27-1 Downey GT

BTH

Google earth

© 2013 Google

1000 ft



WELL LOG

DATE: 2/15/2016



*Test on
27-1*

CUSTOMER NAME: GRAHAM FARMS

LEGAL: SE/NW 27-25S-35W

COUNTY: KEARNEY

GPS: 37 51' 01.9836" N
 -101 09' 00.150034" W
 37.850551
 -101.150034

OTHER: SWL: +/- 274'

FROM	TO	TYPE	HARDNESS	COLOR	OTHER / DRILLING ACTION
0	4	SILT AND SILTY SAND			
4	9	SILTY SANDY SILT			
9	20	MEDIUM-COARSE-VERY COARSE SAND			
20	40	COARSE-VERY COARSE SAND AND FINE-TRACE OF MEDIUM GRAVEL			
40	60	FINE-MEDIUM-TRACE OF COARSE GRAVEL			
60	65	SILTY SAND WITH SANDY CLAY			
65	86	SANDY CLAY			
86	94	VERY COARSE SAND AND FINE-TRACE OF MEDIUM GRAVEL			CHATTER
94	95	MAG	CEMENTED		PD
95	100	SANDY CLAY WITH MAG STRS			
100	120	FINE-MEDIUM GRAVEL WITH A TRACE OF COARSE GRAVEL @ 114-118'			
120	134	FINE-MEDIUM GRAVEL WITH SOME COARSE GRAVEL @ 130-134			
134	138	SANDY CLAY		TAN	
138	156	CLAY		BLUE	
156	161	CLAY WITH SAND LENSES		BLUE	
161	166	CLAY AND SANDY CLAY		TAN	
166	178	FINE-TRACE OF MEDIUM GRAVEL			CHATTER
178	182	SANDY CLAY			SMOOTHER
182	189	FINE-TRACE OF MEDIUM GRAVEL			CHATTER
189	192	SANDY CLAY		BROWN	
192	199	FINE-TRACE OF MEDIUM GRAVEL AND SANDY CLAY LENSES			
199	201	MEDIUM-COARSE GRAVEL			FAST - ROUGH / CHOPPY
201	202	SANDY CLAY			
202	209	VERY COARSE SAND AND FINE GRAVEL			
209	217	SANDY CLAY			
217	218	CEMENTED			
218	234	VERY COARSE SAND AND FINE GRAVEL			
234	236	SANDY CLAY		BROWN	
236	249	FINE GRAVEL WITH A THIN SANDY CLAY LAYER @ 243'			
249	254	SANDY CLAY WITH A TRACE OF MAG			SMOOTH

254	256	MEDIUM-COARSE-TRACE OF COARSE SAND			CHATTER
256	260	SANDY CLAY			SMOOTH
260	268	VERY COARSE-VERY VERY COARSE SAND AND FINR GRAVEL			
268	278	SANDY CLAY - BROWN WITH WHITE LAYERS			SMOOTH
278	290	VERY VERY COARSE SAND AND FINE GRAVEL			CHATTER
290	309	SANDY CLAY		WHITE	
309	331	SANDY CLAY		BROWN	
331	336	SANDY CLAY WITH FINE SAND LENSES			
336	340	FINE-MEDIUM SAND			
340	344	FINE SAND			
344	348	VERY VERY COARSE SAND AND FINE GRAVEL			CHATTER
348	350	SANDY CLAY		BROWN	
350	354	MEDIUM-COARSE SAND WITH A TRACE OF SANDY CLAY			
354	360	VERY COARSE-VERY VERY COARSE SAND AND FINE GRAVEL			
360	380	SANDY CLAY		BROWN	STICKY?
380	393	SANDY CLAY		BROWN	
393	400	MEDIUM SAND		TAN	SOME CHATTER
400	407	MEDIUM-COARSE-VERY COARSE SAND			
407	421	CLAY		BROWN	
421	429	FINE-MEDIUM SAND		TAN	
429	432	CLAY		BROWN	
432	436	FINE-MEDIUM SAND		TAN	
436	441	SILT			
441	443	MEDIUM-COARSE SAND			
443	458	COARSE-VERY COARSE-VERY VERY COARSE SAND AND FINE-MEDIUM GRAVEL			
458	467	SILTY CLAY AND SILTSTONE			
467	470	BROWN ROCK			CHATTER / CHOPPY
470	471	SILTSTONE AND CLAY			
471	472	BROWN ROCK AND SANDSTONE			CHATTER
472	477	CLAY		GRAY	SMOOTHER
477	480	CLAYSTONE?	FIRM		PD
480	485	CLAYSTONE?	VERY FIRM		CHOPPY / ROUGH
485	500	CLAY AND SHALE	SOFT	BLUE	SMOOTHER
500	510	CLAY AND SHALE			
510	512	LIMESTONE	VERY FIRM		PD
512	518	CLAY, BLUE SHALE, AND A TRACE OF RED CLAY SHALE			
518	566	SILTSTONE AND CLAYSTONE	FIRM	BROWN	NO PD
566	580	VERY FINE SAND WITH SILTSTONE INTERBEDDED 40% - 60%			SOME CHATTER
580	592	VERY FINE SAND WITH SILTSTONE INTERBEDDED 30% - 70%			SOME CHATTER
592	605	FINE-MEDIUM SAND - SHARP & CLEAN		RED	CHATTER - FAST
605	620	VERY FINE-FINE SAND WITH INTERBEDDED SILTSTONE			SOME CHATTER

4
4
4

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15

3

1

13



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

March 21, 2018

DUANE E & KATHLEEN A KOSTER TRUSTS
PO BOX 897
GARDEN CITY KS 67846-0897

RE: Water Right 22373

Dear Mr. & Mrs. Koster;

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

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

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

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

Sincerely,

A handwritten signature in black ink, appearing to read "Thomas P. Makens".

Thomas P. Makens
Environmental Scientist III

pc: GMD#3

