

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

1. File Number: 20760	2. Status Change Date:	3. Change Num: C1	4. Field Office: 4	5. GMD: 3
6. Status: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied by DWR/GMD <input type="checkbox"/> Dismiss by Request/Failure to Return				7. Filing Date of Change: 3/26/2021
8a. Applicant(s) Person ID <u>34535</u> New to system <input type="checkbox"/> Add Seq# _____ DUANE E & KATHLEEN A KOSTER TRUSTS PO BOX 897 GARDEN CITY, KS 67846-0897		8c. Landowner(s) Person ID _____ New to system <input type="checkbox"/> Add Seq# _____		
8b. Landowner(s) Person ID _____ New to system <input type="checkbox"/> Add Seq# _____ 8a		8d. WUC Person ID _____ New to system <input type="checkbox"/> Add Seq# _____ 8a		
9. Documents and Enclosure(s): <input checked="" type="checkbox"/> DWR Meter(s) Date to Comply: <u>12/31/2021</u> <input checked="" type="checkbox"/> N & P Date to Comply: <u>3/1/2022</u> <input type="checkbox"/> Anti-Reverse Meter <input type="checkbox"/> Meter Seal <input checked="" type="checkbox"/> Check Valve <input checked="" type="checkbox"/> N & P Form <input checked="" type="checkbox"/> Water Tube <input checked="" type="checkbox"/> Driller Copy <input checked="" type="checkbox"/> H & E Letter <input type="checkbox"/> Conservation Plan Date Required: _____ Date Approved: _____ Date to Comply: _____				
10. Use Made of Water From: _____ To: _____				
Date Prepared: 3/31/2021 By: AM Date Entered: _____ By: _____				

File No. **20760** 11. County: **KE** Basin: Stream: Formation Code: **211** Special Use:

12. Points of Diversion
 CHK
 MOD
 DEL PDIV
 ENT
 Qualifier S T R ID 'N 'W Comment (AKA Line) Rate gpm Quantity af/mgy Additional Rate gpm Quantity af/mgy Overlap PD Files

DEL 48353

ENT SW NE SE 25 24S 35W 1577 1144 (IRR) 785 260 AF 785 260 AF NONE

CHK 65129 SW SW SE 25 24S 35W 6 375 2495 (STK) 40 2.444 MGY 40 2.444 MGY NONE

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

14. Limitation: _____ af/yr at _____ gpm (_____ cfs) when combined with file number(s) _____
 Limitation: _____ af/yr at _____ gpm (_____ cfs) when combined with file number(s) _____

15. 5YR Allocation: Allocation Type _____ Start Year _____ 5 YR Amount _____ Amount Unit _____ Base Acres _____ Comment _____

16. Place of Use CHK MOD DEL ENT	PUSE	S	T	R	ID	NE¼				NW¼				SW¼				SE¼				Total	Owner	Chg?	Overlap Files
						NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼				
CHK 31799	(IRR)																								
CHK 53561	(STK)																								
CHK 53562	(STK)																								

Base Acres: Year: Minimum Reasonable Quantity:

Comments: **BASED ON GMD3 INSPECTION THE MOVE IS <300'**

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

March 31, 2021

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

RE: Water Right, File No. 20760

Dear Sir or Madam:

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

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

Sincerely,

A handwritten signature in blue ink, appearing to read "Austin J. McColloch".

Austin J. McColloch
Assistant Water Commissioner

AM:
enclosures

pc: GROUNDWATER MANAGEMENT DISTRICT NO. 3

CERTIFICATE OF SERVICE

On this 31st day of March, 2021, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File No. 20,760 dated 31st day of March, 2021 was mailed postage prepaid, first class, US mail to the following:

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

Pc:

GROUNDWATER MANAGEMENT DISTRICT NO. 3



Division of Water Resources Staff

A-4

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.

File No. 20760

RECEIVED
9:30 AM
MAR 26 2021

Garden City Field Office
Division of Water Resources

1. Application is hereby made for approval of the Chief Engineer to change the (check one or both):

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

Phone Number: () _____ Email address: _____

Name and address of Water Use Correspondent: SAME AS ABOVE

Phone Number: () _____ Email address: _____

3. The presently authorized place of use is:

Owner of Land ---- NAME: _____

ADDRESS: _____

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

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

4. If this application is for a change in place of use, it is proposed that the place of use be changed to:

Owner of Land ---- NAME: _____

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 \$ 100.00 TR # _____ Receipt Date 3-26-21 Check # 004502

5. **Presently authorized point of diversion: Irrigation**

One in the NC Quarter of the SE Quarter of the --- Quarter of Section 25, Township 24 South, Range 35 W, in Kearny County, Kansas, 1320 feet North 1320 feet West of Southeast corner of section. Authorized Rate _____ Authorized Quantity _____ Depth of well _____ (feet)

(DWR use only: Computer ID No. 02 GPS 1335 feet North 1319 feet West) *

This point will not be changed This point will be changed as follows: No change, point better described with GPS as follows:

Proposed point of diversion: (Complete only if change is requested or if existing point is better described by GPS)

One in the SW Quarter of the NE Quarter of the SE Quarter of Section 25, Township 24 South, Range 35 W, in Kearny County, Kansas, 1577 feet North 1144 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 _____

* Per GMD3 inspection in 2017

6. **Presently authorized point of diversion: Stockwater**

One in the SW Quarter of the SW Quarter of the SE Quarter of Section 25, Township 24 South, Range 35 W, in Kearny County, Kansas, 375 feet North 2495 feet West of Southeast corner of section. Authorized Rate _____ Authorized Quantity _____ Depth of well _____ (feet)

(DWR use only: Computer ID No. _____ GPS _____ feet North _____ feet West)

This point will not be changed This point will be changed as follows: No change, point better described with GPS as follows:

Proposed point of diversion: (Complete only if change is requested or if existing point is better described by GPS)

One in the _____ Quarter of the _____ Quarter of the _____ Quarter of Section _____, Township _____ South, Range _____ (E/W), in _____ County, Kansas, _____ feet North _____ feet West of Southeast corner of section. Proposed Rate _____ Proposed Quantity _____ Proposed well depth (feet) _____

This point is: Additional Well Geo Center List other water rights that will use this point _____

7. The changes herein are desired for the following reasons? (please be specific) old well caved in when fixing

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

9. The change(s) (was)(will be) completed by? Downey Drilling

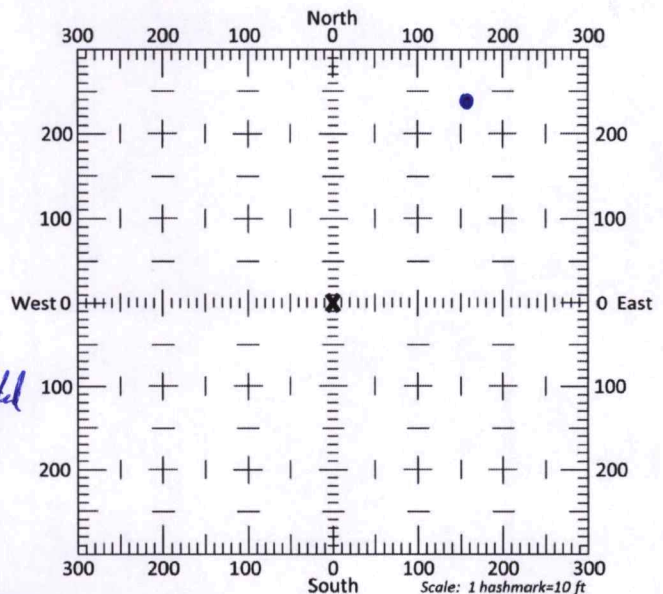
10. If the point of diversion is a well:
 (a) What are you going to do with the old well? will be capped

(b) When will this be done? when new well is completed

11. Groundwater Management District recommendation attached? Yes No

12. Assisted by _____

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



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

14. If the proposed groundwater point of diversion is 300 or fewer feet from the existing point of diversion, complete the following:
- (a) Does the undersigned represent all owners of the currently authorized place(s) of use identified in this application?
 Yes No (If no, all owners must sign this application.)
 - (b) Will the ownership interest of any owner of the currently authorized place(s) of use identified in this application be adversely affected if this application is approved as requested?
 Yes No (If yes, all owners must sign this application.)
 - (c) If this application is not approved expeditiously, will there be substantial damage to property, public health or safety?
 Yes No (If no, all owners must sign this application.)

If the application proposes a surface water change in point of diversion, a groundwater change in point of diversion greater than 300 feet, or a change in place of use, the application must be signed by all owners of the currently authorized place of use, or their duly authorized agent (attach notarized statement authorizing representation).

I hereby verify, being first duly sworn upon my oath or affirmation and under penalty of perjury, that I am of lawful age and the owner, the spouse of the owner, or a duly authorized agent of the owner(s) to make this application on their behalf, in regards to the water right(s) to which this application pertains. I further verify that the statements contained in this application are true, correct and complete.

Dated at Garden City, Kansas, this 25 day of March, 2021.

Duane E. Koster
 (Owner)

Kathleen A. Koster
 (Spouse)

Duane E. Koster
 (Please Print)

Kathleen A. Koster
 (Please Print)

 (Owner)

 (Spouse)

 (Please Print)

 (Please Print)

 (Owner)

 (Spouse)

 (Please Print)

 (Please Print)

State of Kansas }
 County of Finney } SS

I hereby certify that the foregoing application was signed in my presence and sworn to before me this 25 day of MARCH, 2021.

 LISA A. CHESTER
 Notary Public - State of Kansas
 My Appt. Expires 4-7-2021

My Commission Expires 4-7-2021

Lisa A. Chester
 Notary Public

ONLY COMPLETE APPLICATIONS WILL BE PROCESSED. To be complete, all of the applicable portions of the application form must be completed with accurate information; maps, if necessary, must be included; signatures of all the appropriate owners' must be affixed to the application and notarized; and the appropriate fee must be paid.

FEE SCHEDULE

Each application to change the place of use or the point of diversion under this section shall be accompanied by the application fee set forth in the schedule below: Make checks payable to: **Kansas Department of Agriculture**

- (1) Application to change a point of diversion 300 feet or less \$100
- (2) Application to change a point of diversion more than 300 feet \$200
- (3) Application to change the place of use \$200

SUMMARY ORDER APPROVING APPLICATION FOR CHANGE AND IMPOSING CONDITIONS

This Summary Order is issued under authority of K.S.A. 82a-708b, as amended, and K.A.R. 5-5-1, *et seq.* and other applicable provisions of the *Kansas Water Appropriation Law, K.S.A. 82a-701 et. seq.*, and rules and regulations promulgated thereunder, With the exception of those conditions expressly contained herein, this Summary Order does not change the terms, conditions and limitations of File No. 20760.

1. A change application was received on March 26, 2021 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 50 foot radius of the authorized point(s) of diversion. Applicable Not Applicable
4. The point(s) of diversion described herein is administratively corrected to be more accurately described using the Global Positioning System (GPS), as described in the application. Applicable Not Applicable
5. The point(s) of diversion authorized herein shall not actually be located more than 300 feet from the previously authorized point(s) of diversion. Applicable Not Applicable
6. As required by K.A.R. 5-3-5d, if the works for diversion is a well with a diversion rate of 100 gallons per minute or more, a tube or other device suitable for making water level measurements shall be installed, operated and maintained in accordance with K.A.R. 5-6-13. Applicable Not Applicable
7. **The owner of the authorized place(s) of use shall properly install an acceptable water flow meter on or before December 31, 2021**, 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, 2021**, or within any authorized extension of time. By March 1, 2021 the applicant shall notify the Chief Engineer that construction of the works for diversion has been completed, on the form provided by the Chief Engineer, as required by K.A.R. 5-8-4e. Applicable Not Applicable
9. **The completed well log shall be submitted with the required notice.** Applicable Not Applicable
10. All diversion works into which any type of chemical or other foreign substance will be injected into the water shall be equipped with an in-line, automatic, quick-closing check valve capable of preventing pollution of the source of the water supply. The check valve(s) shall be installed, operated and maintained in accordance with K.A.R. 5-3-5c. Applicable Not Applicable
11. Additional Conditions are attached. Yes No
12. In accordance with K.S.A. 82a-708a, as amended, and K.A.R. 5-5-14, all of the owners of the authorized place(s) of use of water appropriated under the above-referenced file number are responsible for compliance with its terms, conditions and limitations, as amended and/or supplemented by this Summary Order, and with applicable provisions of the *Kansas Water Appropriation Law* and the *Rules and Regulations* promulgated thereunder. Failure to comply with these provisions may result in civil penalties pursuant to K.S.A. 82a-737, as amended, and/or the suspension or revocation and dismissal of the water or appropriation right or any other enforcement actions authorized by law.

Administrative Appeal and Effective Date of Order

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

For Use by Register of Deeds

FOR OFFICE USE ONLY
APPLICATION APPROVED AND SUMMARY ORDER ISSUED

By: Austin McColloch
Duly Authorized Designee of the Chief Engineer

(Print Name): Austin McColloch
Division of Water Resources - Kansas Department of Agriculture

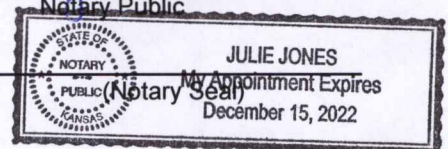
Date of Issuance: March 31, 2021

State of Kansas)
County of Finney) SS

Acknowledged before me on March 31, 2021
by Austin McColloch

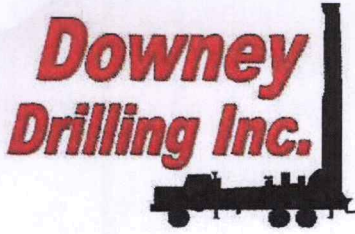
Signature: Julie Jones
Notary Public

My commission expires: _____
My Appointment Expires
December 15, 2022



WELL LOG

DATE: 12/11/2020



CUSTOMER NAME: SOUTHWEST AG/ DUANE KOSTER TH#3

LEGAL: SE 25-24S-35W

COUNTY: KEARNY CO, KS

GPS: 37.934789

-101.106984

SWL: 176

DRILLER: DIEGO VALLE

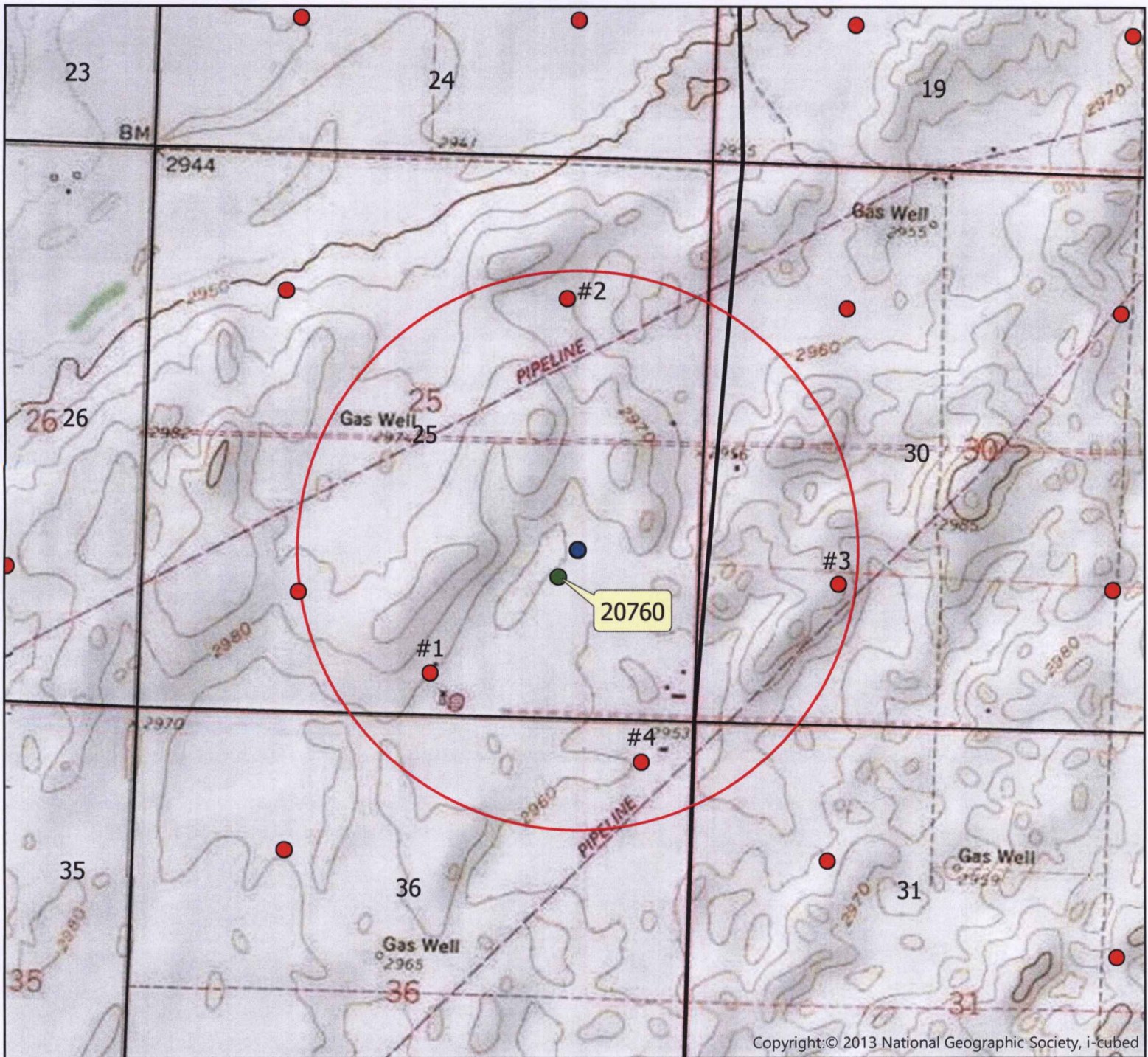
WO: 20-1257

TW	FROM	TO	TYPE	HARDNESS	COLOR	SPEED	PULL DOWN	OTHER / DRILLING ACTION
	0	2	TOPSOIL	SOFT	BROWN	FAST		SMOOTH
	2	10	FINE SAND	SOFT		FAST		VIBRATION
	10	36	MEDIUM-COARSE SAND W/ FINE GRAVEL	STIFF		FAST		CHATTER
	36	51	WHITE & TAN CLAY	SOFT	WHITE & TAN	FAST		SMOOTH
	51	70	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	70	116	SANDY CLAY W/ FINE-MED-COARSE SAND	SOFT & FIRM	TAN	FAST		SMOOTH & FAST CHATTER
	116	136	BLUE CLAY	SOFT	BLUE	FAST		SMOOTH
	136	147	FINE-MED SAND	FIRM		FAST		FAST CHATTER
	147	167	SANDY CLAY	SOFT	TAN	FAST		SMOOTH
	167	213	FINE-MED SAND	FIRM		FAST		FAST CHATTER
	213	224	SANDY CLAY	SOFT	TAN	FAST		SMOOTH
	224	233	FINE-MED SAND	FIRM		FAST		FAST CHATTER
	233	240	SANDY CLAY	LITTLE STICKY	BROWN	FAST		SMOOTH
	240	265	FINE-MED SAND	FIRM		FAST		FAST CHATTER
	265	281	LIMEROCK W/ FINE-MED SAND	STIFF	WHITE	FAST		FAST CHATTER
	281	318	MED-COARSE SAND W/ FINE GRAVEL	STIFF		FAST		CHATTER
	318	319	SANDSTONE	HARD	WHITE	SLOW	X	CHATTER
	319	325	YELLOW CLAY	SOFT	YELLOW	FAST		SMOOTH
	325	326	SANDSTONE	HARD	WHITE	SLOW	X	CHATTER
	326	329	FINE-MED SAND W/ SANDSTONE	STIFF	WHITE	FAST		FAST CHATTER
	329	337	BLUE SHALE	SOFT	BLUE	SEMI-SLOW		SMOOTH
	337	338	SANDSTONE	HARD	GRAY	SLOW	X	CHATTER
	338	347	SANDSTONE W/ FINE-MED-COARSE SAND	STIFF	GRAY	FAST		FAST CHATTER
	347	374	LIGHT GRAY CLAY	SOFT	LIGHT GRAY	SEMI-SLOW		SMOOTH
	374	391	LIGHT GRAY CLAY W/ FINE SAND	FIRM	LIGHT GRAY	SLOW		SMOOTH & VIBRATION
X	391	430	SANDSTONE W/ FINE SAND & LIGHT GRAY CLAY	STIFF & SOFT AT	LIGHT GRAY	FAST		FAST CHATTER & SMOOTH AT TIMES
X	430	433	SANDSTONE	HARD	GRAY	SLOW	X	CHATTER
X	433	445	SANDSTONE W/ FINE SAND	STIFF	GRAY	FAST		FAST CHATTER
	445	505	LIGHT GRAY SHALE	SOFT	LIGHT GRAY	SLOW		SMOOTH
X	505	516	FINE SAND W/ SANDSTONE	STIFF	GRAY	FAST		CHATTER
	516	525	LIGHT GRAY SHALE W/ RED CLAY	SOFT	LIGHT GRAY & RED	SLOW		SMOOTH
	525	530	SANDSTONE W/ FINE SAND	STIFF	GRAY	FAST		FAST CHATTER
	530	540	LIGHT GRAY SHALE W/ RED CLAY	SOFT	LIGHT GRAY & RED	SLOW		SMOOTH
			QUIKGEL - 10					
			WATER LOADS - 3					

176'

CHANGE IN POINT OF DIVERSION WATER RIGHT, FILE NO. 20760

SE1/4 of Section 25 Township 24 South Range 35 West Kearny County



Copyright: © 2013 National Geographic Society, i-cubed

- Authorized Point of Diversion
- Proposed Point of Diversion
- Permitted Wells within 1/2 mile
- 1/2 Mile Buffer

List of owner name and addresses within 1/2 mile:

- #1 File No. 20757
OWNER
- #2 File No. 20759
OWNER
- #3 File No. 20777
TYSON FRESH MEATS INC
- #4 File No. 20758
OWNER



All wells of any kind within 1/2 mile of the proposed point of diversion have been plotted.

(Signature)

Date

Date: 12/16/2020 HH/GCF

Proposed Well

INPUTS	
Target Section Definition	
Section	25
Township	24
Range	35
Range Direction	w
Target Point Coordinates (NAD27 or NAD83)	
Target Longitude	-101.106984
Target Latitude	37.934789

Load Data and Compute

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

Loaded Section Data From LEOBASE using NAD83		
Corner	Corner Latitudes	Corner Longitudes
SW	37.93042694	-101.12123542
NW	37.94499905	-101.12120424
NE	37.94506041	-101.10293906
SE	37.93045729	-101.10301618
Degrees Longitude per Foot		3.46722753E-06
Degrees Latitude per Foot		2.74612139E-06
Target Point Distances from Corners using NAD83		
Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	1588	-4110
NW	-3718	-4101
NE	-3740	1167
SE	1577	1144

Target point is in Section



Loaded Section Data From LEOBASE using NAD27		
Corner	Corner Latitudes	Corner Longitudes
SW	37.93040500	-101.12078900
NW	37.94497700	-101.12075800
NE	37.94503800	-101.10249300
SE	37.93043500	-101.10257000
Degrees Longitude per Foot		3.46722649E-06
Degrees Latitude per Foot		2.74598553E-06
Target Point Distances from Corners using NAD27		
Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	1597	-3982
NW	-3710	-3973
NE	-3732	1295
SE	1586	1273

Target point is in Section

Difference (NAD83 Minus NAD27)		
Corner	Corner Latitudes	Corner Longitudes
SW	0.00002194	-0.00044642
NW	0.00002205	-0.00044624
NE	0.00002241	-0.00044606
SE	0.00002229	-0.00044618
Difference (NAD83 Minus NAD27)		
Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	-8.06843428	-128.75297317
NW	-7.84595513	-128.70106117
NE	-7.97595011	-128.65072893
SE	-8.19534627	-128.68533205

Authorized Well

INPUTS	
Target Section Definition	
Section	25
Township	24
Range	35
Range Direction	w
Target Point Coordinates (NAD27 or NAD83)	
Target Longitude	-101.107140
Target Latitude	37.934100

Load Data and Compute

Instructions

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

Loaded Section Data From LEOBASE using NAD83		
Corner	Corner Latitudes	Corner Longitudes
SW	37.93042694	-101.12123542
NW	37.94499905	-101.12120424
NE	37.94506041	-101.10293906
SE	37.93045729	-101.10301618
Degrees Longitude per Foot		3.46722753E-06
Degrees Latitude per Foot		2.74612139E-06
Target Point Distances from Corners using NAD83		
Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	1338	-4065
NW	-3969	-4056
NE	-3991	1212
SE	1326	1189

Target point is in Section

Loaded Section Data From LEOBASE using NAD27		
Corner	Corner Latitudes	Corner Longitudes
SW	37.93040500	-101.12078900
NW	37.94497700	-101.12075800
NE	37.94503800	-101.10249300
SE	37.93043500	-101.10257000
Degrees Longitude per Foot		3.46722649E-06
Degrees Latitude per Foot		2.74598553E-06
Target Point Distances from Corners using NAD27		
Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	1346	-3937
NW	-3961	-3928
NE	-3983	1340
SE	1335	1318

Target point is in Section

Difference (NAD83 Minus NAD27)		
Corner	Corner Latitudes	Corner Longitudes
SW	0.00002194	-0.00044642
NW	0.00002205	-0.00044624
NE	0.00002241	-0.00044606
SE	0.00002229	-0.00044618
Difference (NAD83 Minus NAD27)		
Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	-8.05602095	-128.75298668
NW	-7.83354180	-128.70107469
NE	-7.96353678	-128.65074245
SE	-8.18293294	-128.68534556