

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

1. File Number: 10871	2. Status Change Date: 4-15-2020	3. Change Num: C2	4. Field Office: 04	5. GMD: 03
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: 4/13/2020
8a. LANDOWNER, New to system <input type="checkbox"/> MCCLUNG LAND CO LLC PO BOX 427 ELKHART, KS 67450-0427		8c. Correspondent New to system <input checked="" type="checkbox"/> MCCLUNG LAND CO LLC PO BOX 427 ELKHART, KS 67450-0427		
8b. Landowner(s), New to system <input type="checkbox"/> MCCLUNG LAND CO LLC PO BOX 427 ELKHART, KS 67450-0427		8d. correspondent New to system <input type="checkbox"/> MITCHELL FARMS ATTN: HAAR WEST UNIT PO BOX 427 ELKHART, KS 67950-0427		
9. Documents and Enclosure(s): <input checked="" type="checkbox"/> DWR Meter(s) Date to Comply: 12/31/2020 <input checked="" type="checkbox"/> N & P Date to Comply: 3/1/2021				
<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 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: 4/14/20 By: MAM Date Entered: _____ By: _____				

File No. **10871** 11. County: **MT** Basin: **CIMARRON RIVER** Stream: Formation Code: **211** Special Use:

12. Points of Diversion										Rate and Quantity				
CHK MOD DEL ENT	PDIV	Qualifier	S	T	R	ID	'N	'W	Comment (AKA Line)	Authorized		Additional		Overlap PD Files
										Rate gpm	Quantity af	Rate gpm	Quantity af	
DEL	48729													
ENT		NW SW LOT3	18	35S	39W			1697	5135		3260	2166	3260	2166
MOD	49768	SW SW LOT4	7	35S	39W	1		675	5196	(COMBINED RATE AND QUANTITY WHOLE RIGHT – NO CHANGE)				
CHK	54	NW NW NE	18	35S	39W	1		5090	2620	(COMBINED RATE AND QUANTITY WHOLE RIGHT – NO CHANGE)				
CHK	11627	SW NW SW	17	35S	39W	1		1570	5270	(COMBINED RATE AND QUANTITY WHOLE RIGHT – NO CHANGE)				
MOD	26344	SW NW SE	18	35S	39W	2		1352	2478	(COMBINED RATE AND QUANTITY WHOLE RIGHT – NO CHANGE)				
CHK	39367	SW SW SW	8	35S	39W	3		156	5250	(COMBINED RATE AND QUANTITY WHOLE RIGHT – NO CHANGE)				
CHK	70270	SW NW SE	13	35S	40W	4		2162	2404	(COMBINED RATE AND QUANTITY WHOLE RIGHT – NO CHANGE)				

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										NE¼								NW¼				SW¼				SE¼				Total	Owner	Chg?	Overlap Files
CHK MOD DEL ENT	PUSE	S	T	R	ID	NE¼		NW¼		SW¼		SE¼		NE¼		NW¼		SW¼		SE¼		NE¼		NW¼		SW¼		SE¼					
						NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼
NO CHANGE																																	

Base Acres: Year: Minimum Reasonable Quantity:

Comments:

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

Mike Beam, Secretary



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

Laura Kelly, Governor

April 15, 2020

MITCHELL FARMS
Attn: HAAR WEST UNIT
PO BOX 427
ELKHART, KS 67950-0427

RE: Water Right, File No. 10871

Dear Sir or Madam:

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 this enclosure and to the terms, conditions, and limitations specified in this approval for change. A condition of this approval is that acceptable water flowmeter 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 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 to call this office. If you would prefer, you could arrange an appointment for additional assistance.

Sincerely,

A handwritten signature in blue ink, appearing to read "Michael A. Meyer".

Michael A. Meyer
Water Commissioner

MAM:
enclosures

pc:
MCCLUNG LAND CO LLC
PO BOX 427
ELKHART, KS 67450-0427

GMD3

CERTIFICATE OF SERVICE

On this 15th day of April 2020, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File No. 10,871, dated 15th day of April 2020 was mailed postage prepaid, first class, US mail to the following:

MITCHELL FARMS
Attn: HAAR WEST UNIT
PO BOX 427
ELKHART, KS 67950-0427

With photocopies to:

MCCLUNG LAND CO LLC
PO BOX 427
ELKHART, KS 67450-0427

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.

File No. 10871

RECEIVED
 4:30 PM
 APR 13 2020
 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: MITCHELL FARMS Attn: HAAR WEST UNIT

PO BOX 427 ELKHART, KS 67950-0427

Phone Number: () Email address: _____

Name and address of Water Use Correspondent: EDWARD HAAR JAME AS ABOVE

PO BOX 1193 GUYMON, OK 73942-1193

Phone Number: () Email address: _____

3. The presently authorized place of use is:

Owner of Land ---- NAME: MCCLUNG LAND CO LLC

ADDRESS: PO BOX 427 ELKHART, KS 67450-0427

(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 \$ 200.00 TR # _____ Receipt Date 4-13-20 Check # 7590

5. **Presently authorized point of diversion:**
 One in the CW Quarter of the NW Quarter of the SW Quarter of Section 18, Township 35 South, Range 39 W, in Morton County, Kansas, 1961 feet North 5190 feet West of Southeast corner of section. Authorized Rate 3260 AF (Group Rate) Authorized Quantity 2166 AF (Group Quantity) Depth of well _____ (feet)
 (DWR use only: Computer ID No. 3 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 CW Quarter of the NW Quarter of the SW Quarter of Section 18, Township 35 South, Range 39 W, in Morton County, Kansas, 1697 feet North 5135 feet West of Southeast corner of section. Proposed Rate _____ Proposed Quantity _____ Proposed well depth (feet) 500
 This point is: Additional Well Geo Center List other water rights that will use this point _____

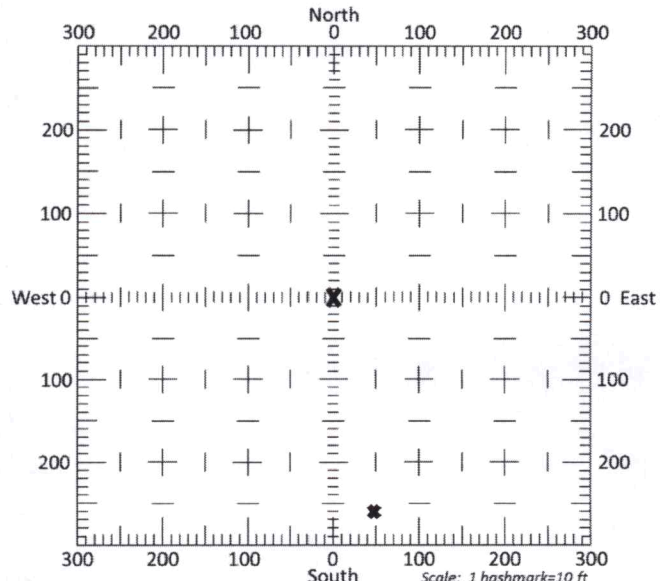
6. **Presently authorized point of diversion:**
 One in the NW Quarter of the NW Quarter of the NE Quarter of Section 18, Township 35 South, Range 39 (E/W) in Morton County, Kansas, 5090 feet North 2620 feet West of Southeast corner of section. Authorized Rate 3260 AF (Group Rate) Authorized Quantity 2166 AF (Group Quantity) Depth of well _____ (feet)
 (DWR use only: Computer ID No. 1 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) _____

8. If a well, is the test hole log attached? Yes No
9. The change(s) (was)(will be) completed by?

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

 (b) When will this be done? _____
11. Groundwater Management District recommendation attached?
 Yes No
12. Assisted by GCFO/SZ



- 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.)

Presently authorized point of diversion:

One in the SW Quarter of the NW Quarter of the SW Quarter of Section 17, Township 35 South, Range 39 W, in Morton County, Kansas, 1570 feet North 5270 feet West of Southeast corner of section.

Authorized Rate 3260 AF (Group Rate) Authorized Quantity 2166 AF (Group Quantity) Depth of well _____ (feet)

(DWR use only: Computer ID No. 1 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 _____

Presently authorized point of diversion:

One in the SW Quarter of the NW Quarter of the SE Quarter of Section 18, Township 35 South, Range 39 (E/W), in Morton County, Kansas, 1680 feet North 2620 feet West of Southeast corner of section.

Authorized Rate 3260 AF (Group Rate) Authorized Quantity 2166 AF (Group Quantity) Depth of well _____ (feet)

(DWR use only: Computer ID No. 2 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 SW Quarter of the NW Quarter of the SE Quarter of Section 18, Township 35 South, Range 39 (E/W), in MT County, Kansas, 1352 feet North 2478 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 _____

Presently authorized point of diversion:

One in the SW Quarter of the SW Quarter of the SW Quarter of Section 8, Township 35 South, Range 39 (E/W), in Morton County, Kansas, 156 feet North 5250 feet West of Southeast corner of section.

Authorized Rate 3260 AF (Group Rate) Authorized Quantity 2166 AF (Group Quantity) Depth of well _____ (feet)

(DWR use only: Computer ID No. 3 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 _____

Presently authorized point of diversion:

One in the NW Quarter of the SW Quarter of the LOT 4 (SW SW) Quarter of Section 7 , Township 35 South, Range 39 (E/W), in Morton County, Kansas, 675 feet North 5196 feet West of Southeast corner of section. Authorized Rate 3260 AF (Group Rate) Authorized Quantity 2166 AF (Group Quantity) Depth of well (feet)

(DWR use only: Computer ID No. 1 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 .

Presently authorized point of diversion:

One in the SW Quarter of the NW Quarter of the SE Quarter of Section 13 , Township 35 South, Range 40 (E/W), in Morton County, Kansas, 2162 feet North 2404 feet West of Southeast corner of section. Authorized Rate 3260 AF (Group Rate) Authorized Quantity 2166 AF (Group Quantity) Depth of well (feet)

(DWR use only: Computer ID No. 4 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 .

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).

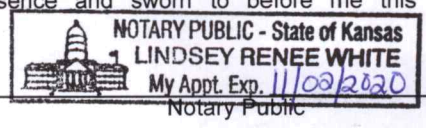
I hereby verify, being first duly sworn upon my oath or affirmation and under penalty of perjury, that I am of lawful age and the owner, the spouse of the owner, or a duly authorized agent of the owner(s) to make this application on their behalf, in regards to the water right(s) to which this application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

Dated at EURNANT , Kansas, this 9 day of April , 20 20 .

<u> J.S. Mitchell </u> (Owner)	 (Spouse)
<u> BRIAN MITCHELL </u> (Please Print)	 (Please Print)
 (Owner)	 (Spouse)
 (Please Print)	 (Please Print)
 (Owner)	 (Spouse)
 (Please Print)	 (Please Print)

State of Kansas }
 County of Morton } SS

I hereby certify that the foregoing application was signed in my presence and sworn to before me this 9 day of April , 20 20 .



My Commission Expires 11/02/2020 .

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. 10871.

1. A change application was received on APRIL 13, 2020 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, 2020, 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, 2020, 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

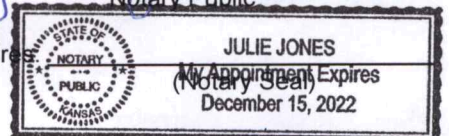
If you are aggrieved by this order, pursuant to K.S.A. 82a-1901, you may request an evidentiary hearing before the Chief Engineer or request administrative review by the Secretary of Agriculture. A request for hearing by the Chief Engineer must be filed within **15 days** of service of this Order and 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: Michael A. Meyer
Duly Authorized Designee of the Chief Engineer
(Print Name): MICHAEL A. MEYER
Division of Water Resources - Kansas Department of Agriculture
Date of Issuance: APRIL 15, 2020
State of Kansas)
County of Tinney) SS
Acknowledged before me on April 15, 2020
by Michael A. Meyer
Signature: Julie Jones
Notary Public

My commission expires



Sec. 18-35-39 Blk _____

#10871

Survey _____ Co. MORTON

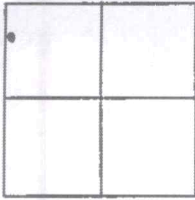


Hydro
resources

No. 26092

N. 37.00063 W. -101.60950

P.O. Box 784
Sunray, Texas 79086
(806) 948-4421



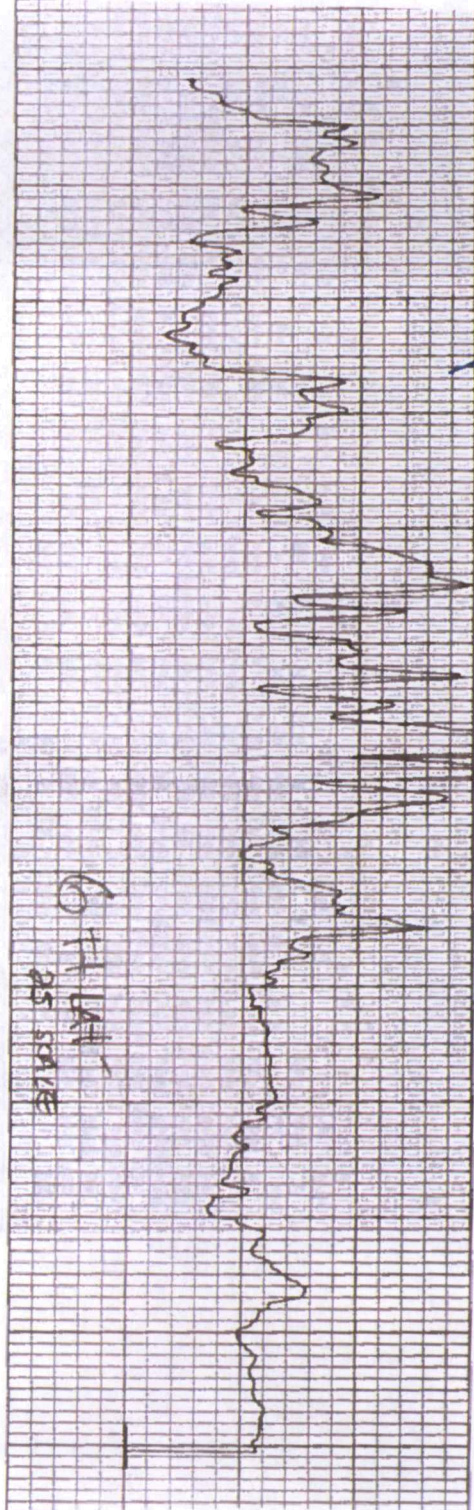
Mitchell Farms

Test Waterwell

DATE 3/26/20

NO. 1-20 WE1184

FROM	TO	DESCRIPTION	SAND
0	240	top soil + brown clay w/ sand strips.	
240	260	fine to med sand w/ clay strips.	
260	280	med fine sand w/ clay strips.	
280	300	med fine fairly loose sand w/ clay strips.	
300	320	Brown clay w/ fine to med fairly loose sand strip	4
320	340	fine to med fairly loose sand w/ clay strips	8
340	360	fine to med fairly loose sand w/ clay strips	16
360	380	fine, med + coarse fairly loose sand w/ clay strips	18
380	400	fine, med + coarse fairly tight sand w/ gravel strips + pink clay strips	15
400	420	fine, med + coarse little tight sand w/ gravel + clay strips to Red clay	10
420	440	Red clay	
440	460	Red clay	
460	480	Red clay to little hard brown sand stone to Red clay	6
480	500	tight red clay w/ rock strips.	
500	520	1 drag bit	



Wk

SQR

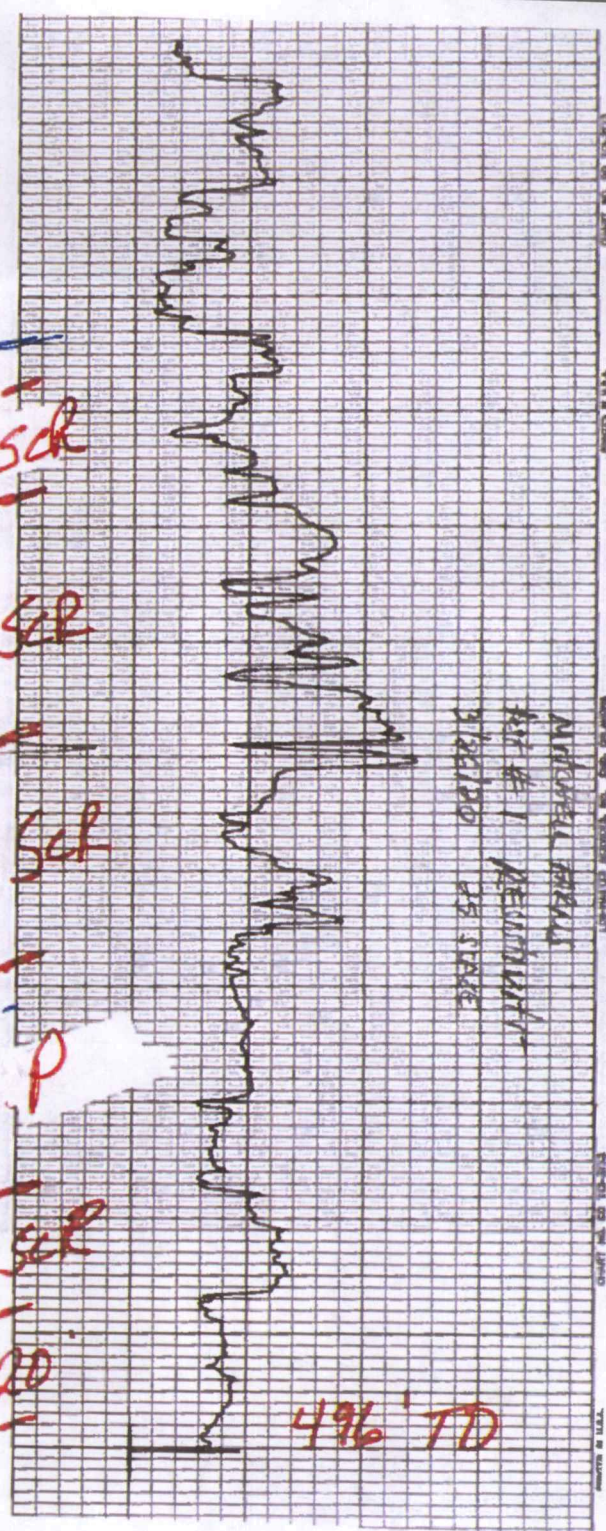
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MICHAEL BIRKEL
 ART # 1 RESISTANCE
 372100 AS STAGE