

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

1. File Number: <b>27247</b>	2. Status Change Date:	3. Change Num: <b>C2</b>	4. Field Office: <b>4</b>	5. GMD: <b>3</b>
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: <b>2/11/2021</b>
8a. Applicant(s) New to system <input type="checkbox"/>  <b>SHERRILL D &amp; JOYCE M ESAU 300 E PARKS AVE MONTEZUMA, KS 67867-8808</b>		Person ID <b>4925</b> Add Seq# _____	8c. Landowner(s) New to system <input type="checkbox"/>  Person ID _____ Add Seq# _____	
8b. Landowner(s) New to system <input type="checkbox"/>  <b>8a</b>		Person ID _____ Add Seq# _____	8d. WUC New to system <input type="checkbox"/>  <b>MICHAEL S &amp; JANA E ESAU 4706 CC RD COPELAND, KS 67837</b>	
9. Documents and Enclosure(s): <input checked="" type="checkbox"/> DWR Meter(s) Date to Comply: <b>12/31/2021</b> <input checked="" type="checkbox"/> N & P Date to Comply: <b>3/1/2022</b> <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: <b>2/23/2021</b> By: <b>AM</b> Date Entered: _____    By: _____				

File No. **27247**      11. County: **ME**      Basin: **CROOKED CREEK**      Stream:      Formation Code: **211**      Special Use:

12. Points of Diversion  
 Rate and Quantity  
 Authorized      Additional  
 Rate      Quantity      Rate      Quantity  
 gpm      af      gpm      af      Overlap PD Files

DEL	PDIV	Qualifier	S	T	R	ID	'N	'W	Comment (AKA Line)	Rate gpm	Quantity af	Rate gpm	Quantity af	Overlap PD Files
<b>DEL 44341</b>														
<b>ENT</b>		<b>SW NW NW</b>	<b>35</b>	<b>31S</b>	<b>30W</b>		<b>4447</b>	<b>5229</b>		<b>600</b>	<b>300</b>	<b>600</b>	<b>300</b>	<b>NONE</b>
<b>CHK 76089</b>		<b>SE NW SW</b>	<b>26</b>	<b>31S</b>	<b>30W</b>	<b>1</b>	<b>1460</b>	<b>4097</b>		<b>600</b>	<b>300</b>	<b>600</b>	<b>300</b>	<b>NONE</b>

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					
<b>CHK 19526</b>																										
<b>CHK 35440</b>																										

Base Acres:      Year:      Minimum Reasonable Quantity:  
 Comments:

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

February 23, 2021

SHERRILL D & JOYCE M ESAU  
300 E PARKS AVE  
MONTEZUMA, KS 67867-8808

RE: Water Right, File Nos. 27,247

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 that reads "Austin J. McColloch".

Austin J. McColloch  
Assistant Water Commissioner

AM:  
enclosures

pc: Michael & Janae Esau  
GROUNDWATER MANAGEMENT DISTRICT NO. 3

**CERTIFICATE OF SERVICE**


On this 23<sup>rd</sup> day of February, 2021, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File No. 27,247 dated 23<sup>rd</sup> day of February, 2021 was mailed postage prepaid, first class, US mail to the following:

SHERRILL D & JOYCE M ESAU  
300 E PARKS AVE  
MONTEZUMA, KS 67867-8808

Pc:

MICHAEL S & JANA E ESAU  
4706 CC RD  
COPELAND, KS 67837

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. 27247

**RECEIVED**  
 9:06 AM  
 FEB 11 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: SHERRILL ESAU (BETHEL HOME #505)  
AZTEC STREET MONTEZUMA KS 67864

Phone Number: ( ) \_\_\_\_\_ Email address: \_\_\_\_\_

Name and address of Water Use Correspondent: MICHAEL S & JANA E ESAU  
4706 CC RD COPELAND KS 67837

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 2-11-21 Check # 6284

5. **Presently authorized point of diversion:**  
 One in the NW Quarter of the NW Quarter of the NW Quarter of Section 35, Township 31 South, Range 30 W, in MEADE County, Kansas, 4720 feet North 5250 feet West of Southeast corner of section.  
 Authorized Rate \_\_\_\_\_ Authorized Quantity \_\_\_\_\_ Depth of well \_\_\_\_\_ (feet)  
 (DWR use only: Computer ID No. 02 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 NW Quarter of Section 35, Township 31 South, Range 30 W, in MEADE County, Kansas, 4447 feet North 5229 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 SE Quarter of the NW Quarter of the SW Quarter of Section 36, Township 31 South, Range 30 (E/W), in ME County, Kansas, 1460 feet North 4097 feet West of Southeast corner of section.  
 Authorized Rate \_\_\_\_\_ Authorized Quantity \_\_\_\_\_ Depth of well \_\_\_\_\_ (feet)  
 (DWR use only: Computer ID No. 01 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

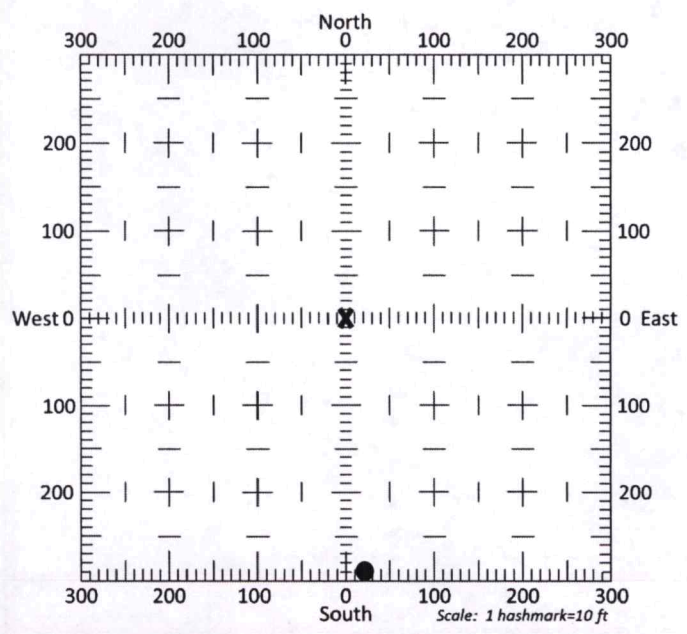
9. The change(s) (was)(will be) completed by?  
 \_\_\_\_\_  
 \_\_\_\_\_

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 HH / GCFO \_\_\_\_\_

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 Montezuma, Kansas, this 18<sup>th</sup> day of February, 2021.

[Signature]  
 \_\_\_\_\_  
 (Owner)

Joyce Esau  
 \_\_\_\_\_  
 (Spouse)

Sherrill D Esau  
 \_\_\_\_\_  
 (Please Print)

Joyce Esau  
 \_\_\_\_\_  
 (Please Print)

\_\_\_\_\_  
 (Owner)

\_\_\_\_\_  
 (Spouse)

\_\_\_\_\_  
 (Please Print)

\_\_\_\_\_  
 (Please Print)

\_\_\_\_\_  
 (Owner)

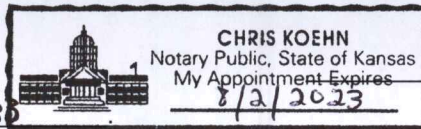
\_\_\_\_\_  
 (Spouse)

\_\_\_\_\_  
 (Please Print)

\_\_\_\_\_  
 (Please Print)

State of Kansas }  
 County of Gray } SS

I hereby certify that the foregoing application was signed in my presence and <sup>affirmed</sup> sworn to before me this 18<sup>th</sup> day of February, 2021.



[Signature]  
 \_\_\_\_\_  
 Notary Public

My Commission Expires 8/2/2023

**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

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 10<sup>th</sup> day of FEBRUARY, 20 21.

<p><u>✓</u> _____ <u>Farmer</u>          (Owner)</p> <p><u>Waylon Isaac</u>          (Please Print)</p> <p>_____          (Owner)</p> <p>_____          (Please Print)</p> <p>_____          (Owner)</p> <p>_____          (Please Print)</p>	<p>_____          (Spouse)</p> <p>_____          (Please Print)</p> <p>_____          (Spouse)</p> <p>_____          (Please Print)</p> <p>_____          (Spouse)</p> <p>_____          (Please Print)</p>
---	---

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 10<sup>TH</sup> day of FEB, 20 21.



Catherine Reinert  
 Notary Public

My Commission Expires 9-14-22

**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. 27,297

1. A change application was received on February 11, 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 300 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 50 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, 2022 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: February 23, 2021  
State of Kansas )  
) SS  
County of Finney )

Acknowledged before me on February 23, 2021  
by Austin McColloch

Signature: Julie Jones  
Notary Public

My commission expires: December 15, 2022  
JULIE JONES  
My Appointment Expires  
(Notary Seal) December 15, 2022



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



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

WAYLON ISAAC

Customer Name: Sherrill Esau c/o BETHEL HOME # 505 WO#: 21011 Date: 11-17-20  
Street Address: AZTEC STREET Test #: 3 E LOG: Yes  
City, State: MONTEZUMA, KS 67864 Driller: Dale Guinn  
County: Meade Quarter: NW Section: 35 Township: 31 Range: 30  
Location: 295' South Of Existing Well GPS: N37.31253 W100.56229  
Rig #: 10003 Elevation: 2770' Static WL: 277' Estimated?           
Proposed Well Depth 520

WELL LOCATION: 20' Sump

%	Footage			Description of Strata
	From	Pay	To	
	0		2	Top Soil
	2		11	Brown Sandy Clay
	11		13	Calich
	13		41	Brown Sandy Clay w/Some Calich
	41		43	Fine Sand
	43		49	Calich
	49		56	Brown sandy clay w/Some Calich
	56		65	Calich
	65		96	Brown Clay w/Few Calich Strips
	96		116	Fine Med Course Sand Few Small Gravel
	116		141	Brown + Light Blue Clay
	141		199	Fine Med Course Sand Some Small Gravel
	199		220	Brown + Gray Clay
	220		243	Fine Med Course Sand Small Gravel
	243		258	Light Blue Clay
25	258	2	279	Fine Med Course Sand
	279		286	Light Blue Clay
30	286	39	325	Fine Med Course Sand
	325		350	Blue Clay
5	350	10	360	Fine Sand
30	360	35	395	Fine Med Course Sand
	395		400	Brown Sandy Clay
30	400	25	425	Fine Med Course Sand
	425		435	Lime Rock w/Some Brown Sandy Clay
	435		441	Brown Clay
10	441	29	470	Fine Sand + Lime Rock w/Some clay stringers
	470		477	Lime Rock + Sandy Clay
15	477	23	500	Fine Sand
	500		520	Red Bed
				Super Grcl X -3
				Grout -5
				Male Plug -6
				E2 Mud 1 qt
				Perma Plug -1
				Plains Loadout 3400 Gallons

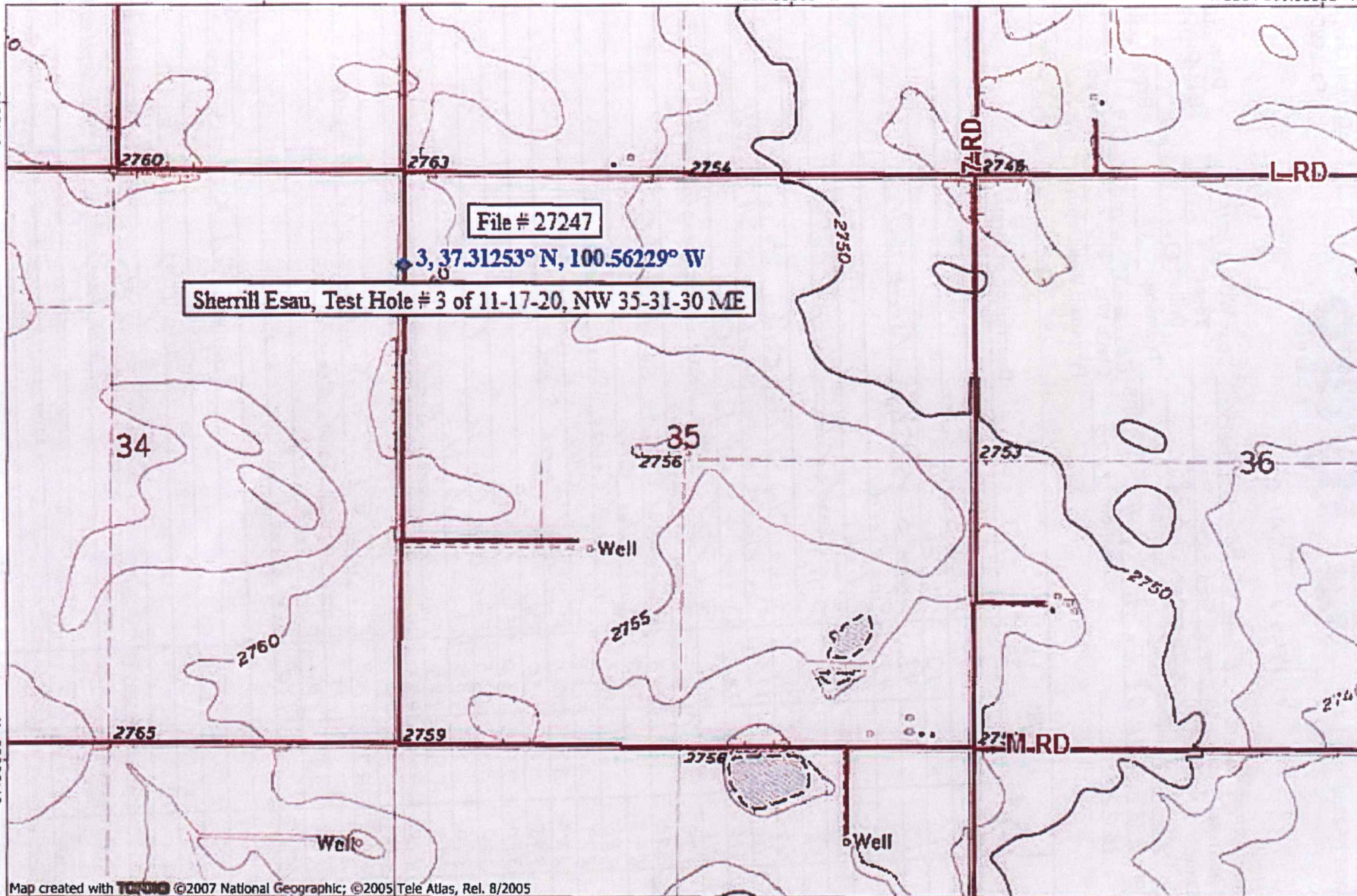
100.56667° W

100.55000° W

WGS84 100.53333° W

37.31667° N

37.31667° N



37.30000° N

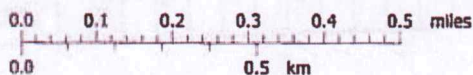
37.30000° N

Map created with TOPO! ©2007 National Geographic; ©2005 Tele Atlas, Rel. 8/2005

100.56667° W

100.55000° W

WGS84 100.53333° W



TN MN  
5°  
11/18/20