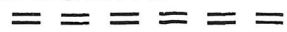
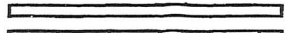




FP	Mona Murray etal	ABBREVIATIONS etux — and wife etvir — and husband etal — and other est — estate le — life estate tr — tr trs — trs tre — trustee tres — trustees ir tr — irrevocable trust re tr — revocable trust fam tr — family trust liv tr — living trust lov tr — loving tr ptshp — partnership ltd ptshp — limited partnership endow — endowment assn — association fnd — foundation univ — university
FR	Pete & Jane Barnes	
FS	Greenwood Gas Gathering	
FT	City of Elkhart	
FU	Ralph A & F P Forbes	
FV	Waylon & Shilo Forbes	
FW	Gary L & Laura K Simmons	
FX	James W Sagebiel	
FY	Joe S Landrum tr etal	
FZ	Wellen Family Farms LLC	
GA	Penick tr	
GB	Judith Trgovich etal	
GC	Colorado Interstate Gas	
GD	Robert D McKinley	
GE	Janis L Goodman	
GF	Randall M Goodman	
GG	Rondal S Goodman	
h	ROAD LEGEND PRIMITIVE ROAD  UNIMPROVED ROAD  GRADED & DRAINED 	

MAPS AVAILABLE
 COPIES OF THIS MAP ARE AVAILABLE AT:
FAULKNER REAL ESTATE ~ Ulysses
AMERICAN ABSTRACT ~ Liberal
 or
COUNTY OWNERSHIP PLATS
 **Western Cartographers**
 402-494-8300 Toll Free Order Line
 P.O. BOX 698 800-752-3402
 SOUTH SIOUX CITY, NE. 68776
 platmaps22@aol.com
 www.midwestplatmaps.com
We Also Have Available Most KANSAS

Tract **2874**

Farm **3500**

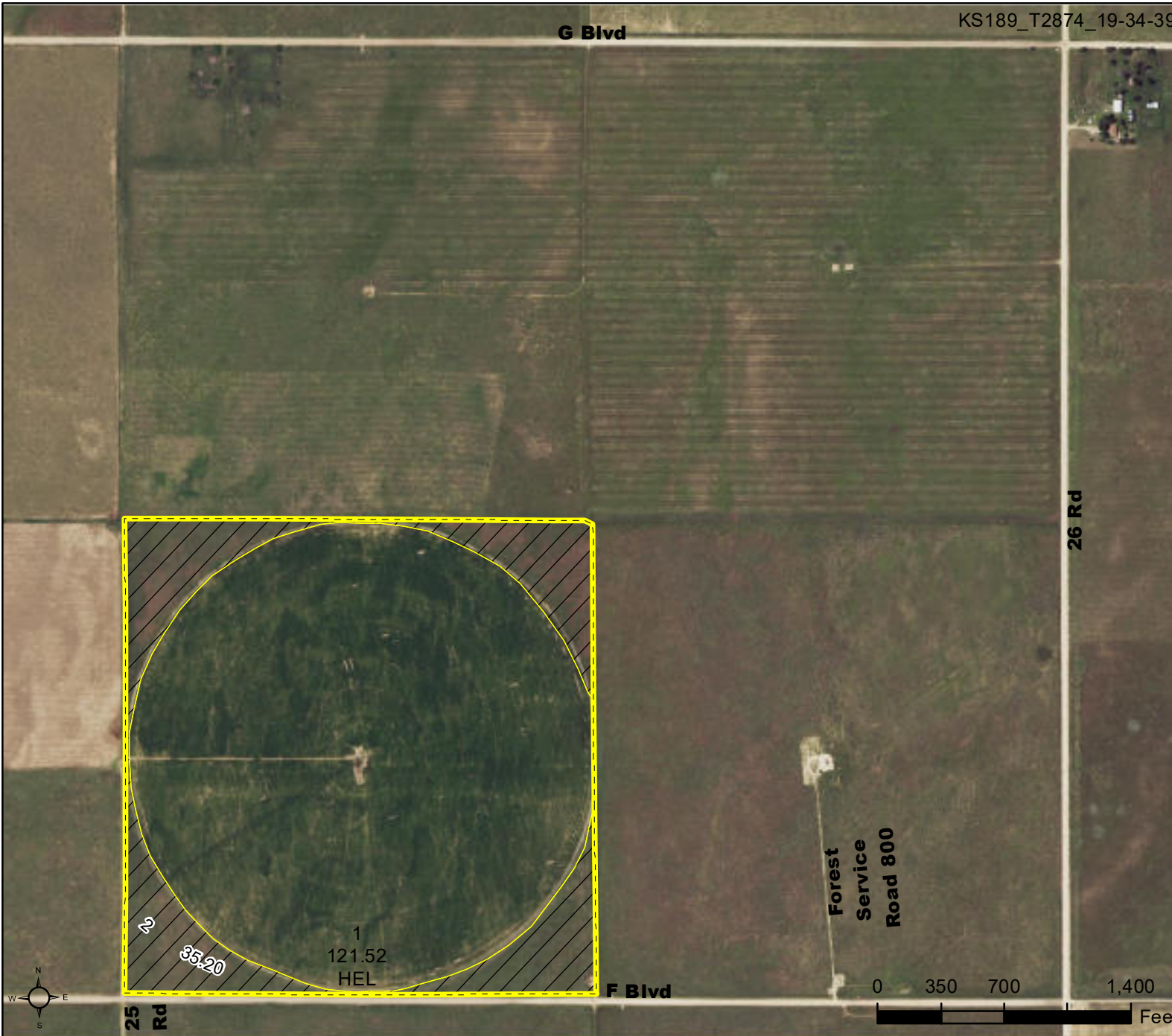
19-34-39

Tract Cropland Total: 121.52 acres

OW: _____

OP: _____

OT: _____



All fields NAG, NI unless otherwise noted.

- 1/ All Wheat HRW, NI, GR
- 2/ All Wheat HRW, IR, GR
- 3/ All Corn YEL, IR, GR
- 4/ All Corn YEL, NI, GR
- 5/ Soybeans, COM, IR, GR
- 6/ Sorghum, GRS, NI, GR
- 7/ Sorghum, GRS, IR, GR
- 8/ Sorghum, CAN, IR, FG
- 9/ Grass, NAG, NI, GZ
- 10/ Alfalfa, IR, FG

Common Land Unit

- Non-Cropland
- Cropland
- RoadCenterline_NG911_GCS_20230913
- Tract Boundary
- PLSS

Wetland Determination Identifiers

- Restricted Use
- Limited Restrictions
- Exempt from Conservation
- Compliance Provisions

United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).

Form: FSA-156EZ

See Page 3 for non-discriminatory Statements.

Abbreviated 156 Farm Record

Operator Name : HARRISON LEE KREY
CRP Contract Number(s) : None
Recon ID : 20-189-2011-22
Transferred From : None
ARCPLC G/W Eligibility : Eligible

Farm Land Data

Farmland	Cropland	DCP Cropland	WBP	EWP	WRP	GRP	Sugarcane	Farm Status	Number Of Tracts
613.90	562.41	562.41	0.00	0.00	0.00	0.00	0.0	Active	2
State Conservation	Other Conservation	Effective DCP Cropland		Double Cropped		CRP	MPL	DCP Ag.Rel. Activity	SOD
0.00	0.00	562.41		0.00		0.00	0.00	0.00	0.00

Crop Election Choice

ARC Individual	ARC County	Price Loss Coverage
None	WHEAT, CORN, SORGH	None

DCP Crop Data

Crop Name	Base Acres	CCC-505 CRP Reduction Acres	PLC Yield	HIP
Wheat	35.30	0.00	65	79
Corn	297.90	0.00	171	77
Grain Sorghum	35.00	0.00	59	75
TOTAL	368.20	0.00		

NOTES

--

Tract Number : 2874
Description : SW/4 19-34-39 Mt Co
FSA Physical Location : KANSAS/MORTON
ANSI Physical Location : KANSAS/MORTON
BIA Unit Range Number :
HEL Status : HEL field on tract.Conservation system being actively applied
Wetland Status : Wetland determinations not complete
WL Violations : None
Owners : ETHAN BRULAND, JAYCEE BRULAND
Other Producers : RONI BRIANA KREY
Recon ID : None

Tract Land Data

Farm Land	Cropland	DCP Cropland	WBP	EWP	WRP	GRP	Sugarcane
156.72	121.52	121.52	0.00	0.00	0.00	0.00	0.0

Tract 3188

Farm 3500

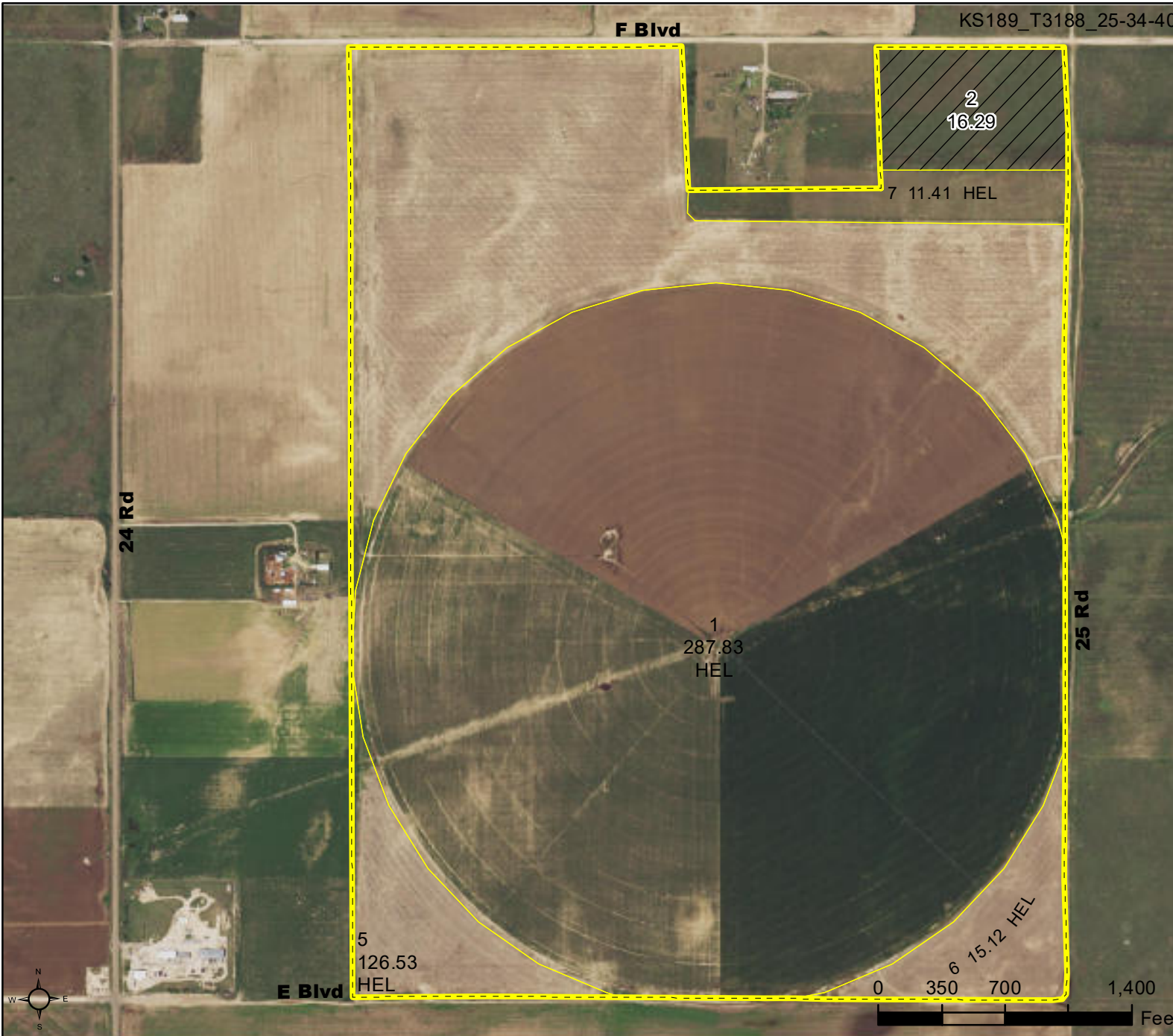
25-34-40

Tract Cropland Total: 440.89 acres

OW: _____

OP: _____

OT: _____



All fields NAG, NI unless otherwise noted.

- 1/ All Wheat HRW, NI, GR
- 2/ All Wheat HRW, IR, GR
- 3/ All Corn YEL, IR, GR
- 4/ All Corn YEL, NI, GR
- 5/ Soybeans, COM, IR, GR
- 6/ Sorghum, GRS, NI, GR
- 7/ Sorghum, GRS, IR, GR
- 8/ Sorghum, CAN, IR, FG
- 9/ Grass, NAG, NI, GZ
- 10/ Alfalfa, IR, FG

Common Land Unit

- Non-Cropland
- Cropland
- RoadCenterline_NG911_GCS_20230913
- Tract Boundary
- PLSS

Wetland Determination Identifiers

- Restricted Use
- Limited Restrictions
- Exempt from Conservation
- Compliance Provisions

United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).

Abbreviated 156 Farm Record

Tract 2874 Continued ...

State Conservation	Other Conservation	Effective DCP Cropland	Double Cropped	CRP	MPL	DCP Ag. Rel Activity	SOD
0.00	0.00	121.52	0.00	0.00	0.00	0.00	0.00

DCP Crop Data

Crop Name	Base Acres	CCC-505 CRP Reduction Acres	PLC Yield
Corn	121.50	0.00	171
TOTAL	121.50	0.00	

NOTES

Tract Number : 3188

Description : E/2 SW, E/2 NE, E/2 25-34-40
FSA Physical Location : KANSAS/MORTON
ANSI Physical Location : KANSAS/MORTON
BIA Unit Range Number :
HEL Status : HEL field on tract.Conservation system being actively applied
Wetland Status : Wetland determinations not complete
WL Violations : None
Owners : ETHAN BRULAND, JAYCEE BRULAND
Other Producers : RONI BRIANA KREY
Recon ID : 20-189-2012-9

Tract Land Data

Farm Land	Cropland	DCP Cropland	WBP	EWP	WRP	GRP	Sugarcane
457.18	440.89	440.89	0.00	0.00	0.00	0.00	0.0
State Conservation	Other Conservation	Effective DCP Cropland	Double Cropped	CRP	MPL	DCP Ag. Rel Activity	SOD
0.00	0.00	440.89	0.00	0.00	0.00	0.00	0.00

DCP Crop Data

Crop Name	Base Acres	CCC-505 CRP Reduction Acres	PLC Yield
Wheat	35.30	0.00	65
Corn	176.40	0.00	171
Grain Sorghum	35.00	0.00	59
TOTAL	246.70	0.00	

NOTES

KANSAS
STEVENS

Form: FSA-156EZ



Abbreviated 156 Farm Record

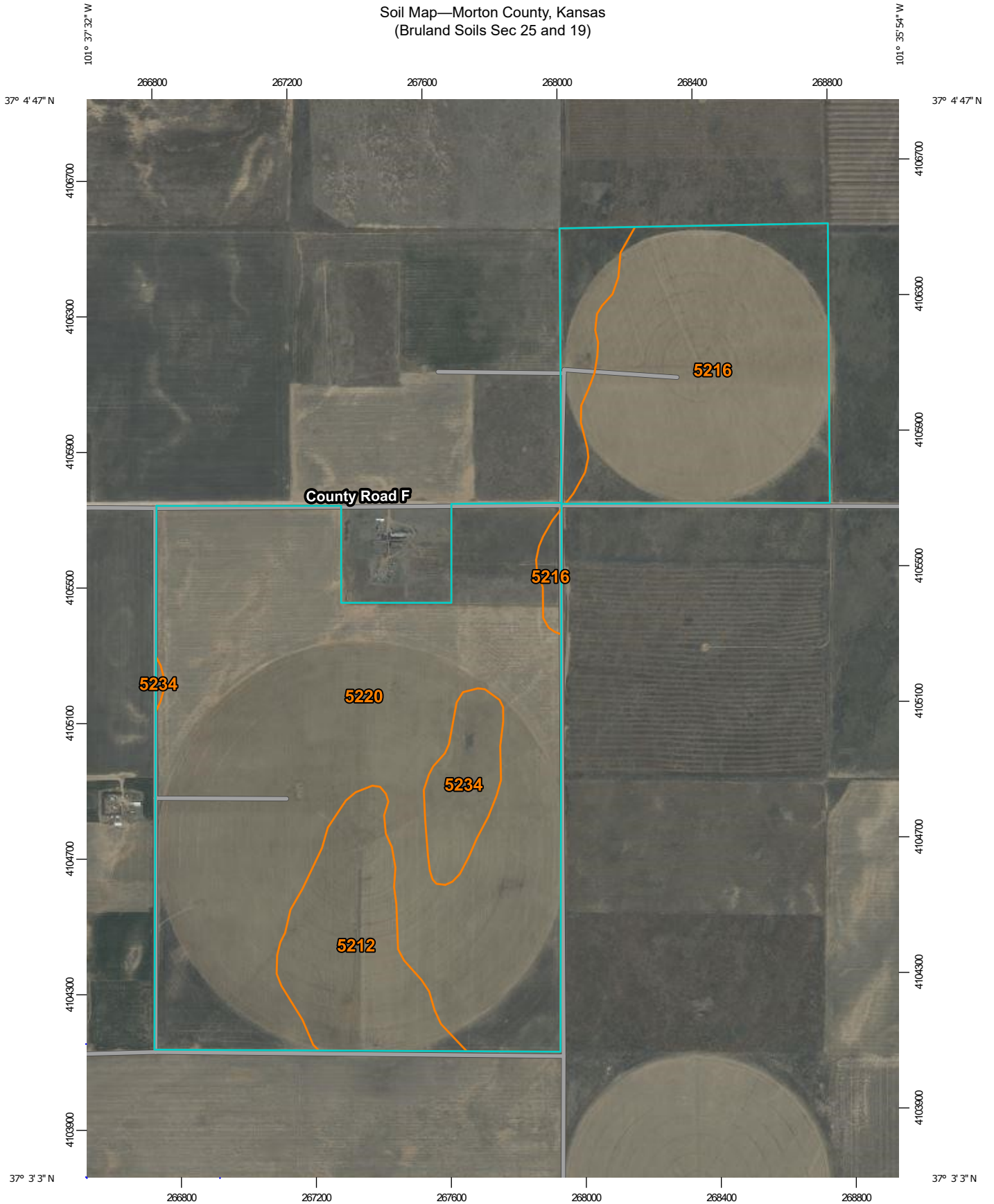
FARM : 3500
Prepared : 1/3/24 10:27 AM CST
Crop Year : 2024

In accordance with Federal civil rights law and U.S. Department of Agriculture (USDA) civil rights regulations and policies, the USDA, its Agencies, offices, and employees, and institutions participating in or administering USDA programs are prohibited from discriminating based on race, color, national origin, religion, sex, gender identity (including gender expression), sexual orientation, disability, age, marital status, family/parental status, income derived from a public assistance program, political beliefs, or reprisal or retaliation for prior civil rights activity, in any program or activity conducted or funded by USDA (not all bases apply to all programs). Remedies and complaint filing deadlines vary by program or incident.

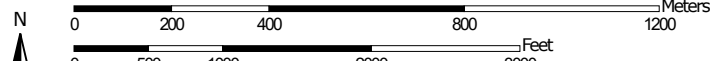
Persons with disabilities who require alternative means of communication for program information (e.g., Braille, large print, audiotape, American Sign Language, etc.) should contact the responsible Agency or USDA's TARGET Center at (202) 720-2600 (voice and TTY) or contact USDA through the Federal Relay Service at (800) 877-8339. Additionally, program information may be made available in languages other than English.

To file a program discrimination complaint, complete the USDA Program Discrimination Complaint Form, AD-3027, found online at http://www.ascr.usda.gov/complaint_filing_cust.html and at any USDA office or write a letter addressed to USDA and provide in the letter all of the information requested in the form. To request a copy of the complaint form, call (866) 632-9992. Submit your completed form or letter to USDA by: (1) mail: U.S. Department of Agriculture Office of the Assistant Secretary for Civil Rights 1400 Independence Avenue, SW Washington, D.C. 20250-9410; (2) fax: (202) 690-7442; or (3) e-mail: program.intake@usda.gov. USDA is an equal opportunity provider, employer, and lender.

Soil Map—Morton County, Kansas
(Bruland Soils Sec 25 and 19)




Map Scale: 1:15,500 if printed on A portrait (8.5" x 11") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 14N WGS84


MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)




















Soils







 Soil Map Unit Polygons

 Soil Map Unit Lines


 Soil Map Unit Points

Special Point Features






-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features


Water Features

 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Morton County, Kansas
Survey Area Data: Version 22, Sep 12, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Mar 6, 2020—Apr 3, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
5212	Bigbow loamy fine sand, 0 to 3 percent slopes	58.4	9.5%
5216	Dalhart-Eva complex loamy fine sands, 3 to 8 percent slopes	144.4	23.4%
5220	Dalhart loamy fine sand, 3 to 5 percent slopes	392.3	63.5%
5234	Eva loamy fine sand, 3 to 8 percent slopes	22.8	3.7%
Totals for Area of Interest		617.9	100.0%



M & T Pump Service LLC
 2048 Rd AA
 Moscow, KS 67952 US
 (620) 521-5213
 mtpump@pld.com Teresa

BILL TO
 Ethan Bruland
 Po Box 565
 Humphrey, NE 68642

INVOICE 1490

DATE 05/22/2019 TERMS Due on receipt

PAID

DESCRIPTION	QTY	RATE	AMOUNT
Well 25-34-40 Stevens Co	1	0.00	0.00
Pull Well per Foot SWL 205' TD 451'	442	4.50	1,989.00
Install Well	432	4.50	1,944.00
Column Pipe 8" X 20'	10	745.00	7,450.00
Column Pipe 8" X 10'	1	410.00	410.00
Tube and Shaft 2 1/2" X 1 11/16" NSJ	5	781.00	3,905.00
Tubes 5' Oil Tubes	66	95.00	6,270.00
BW Bail Well & Brush	1	2,000.00	2,000.00
CHC Calcium Hydrate Chloride	1	165.00	165.00
Mudnox 10 Gallons	10	52.00	520.00
Wellglicide 13 Buckets	13	230.00	2,990.00
Bowls 6 Stage 12" DC/CH Impellers, ductile casting, stainless steel impellers and ss bolts	1	8,058.00	8,058.00
Bowl Screen 8"	1	350.00	350.00
Stretch Tube	1	385.00	385.00
Head Shaft	1	365.00	365.00
Head Nut	1	124.00	124.00
Column Adjust Nipple 8" X 2'	1	239.00	239.00
Rubber Pump Base Seal	1	37.50	37.50
Gasket 8"	1	17.00	17.00
Spider 8"	11	27.00	297.00

420-356-5808

DESCRIPTION	QTY	RATE	AMOUNT
Gear Head Electric Drive	1	0.00	0.00
Cleaning Supplies Thread Compound, Packing	1	135.00	135.00
Rebush Reciever	1	165.00	165.00
Coupler 1 11/16 X 10 THRD Shaft Couplers	16	31.00	496.00
BW- Bail Well - when we pulled pump	1	250.00	250.00
Test Pump Back flush after chemical treatment	2	250.00	500.00

Please pay from this invoice to avoid any finance charges. 1.5% Finance Charge will be added each month after 30 days. PAYMENT 39,061.50

TOTAL DUE \$0.00

Water Right Information represents conditions as of 12/10/2023.

Point of Diversion

Pd:

19-34S-39W 1

Water Right:

43153 - 00

Use:

IRR

Water Right Details

Source:

G

Right Type:

Appropriation

Total Acres Authorized:

405.00

Net Acres Authorized:

0

Water Right Active:

1

Water Right Status:

CERTIFICATE ISSUED

Place(s) of Use:

25-34S-40W	SE SE	(active)	Total Acres: 22,	Net Acres: 0
25-34S-40W	SW SE	(active)	Total Acres: 38,	Net Acres: 0
19-34S-39W	NW SW	(active)	Total Acres: 31.25,	Net Acres: 0
19-34S-39W	SE SW	(active)	Total Acres: 31.25,	Net Acres: 0
25-34S-40W	SE NE	(active)	Total Acres: 22,	Net Acres: 0
25-34S-40W	SW NE	(active)	Total Acres: 38,	Net Acres: 0
25-34S-40W	NE SE	(active)	Total Acres: 38,	Net Acres: 0
25-34S-40W	NE SW	(active)	Total Acres: 38,	Net Acres: 0
19-34S-39W	NE SW	(active)	Total Acres: 31.25,	Net Acres: 0
19-34S-39W	SW SW	(active)	Total Acres: 31.25,	Net Acres: 0
25-34S-40W	SE NW	(active)	Total Acres: 22,	Net Acres: 0
25-34S-40W	NW SE	(active)	Total Acres: 40,	Net Acres: 0
25-34S-40W	SE SW	(active)	Total Acres: 22,	Net Acres: 0

Priority Date:

01/22/1998

Point of Diversion Details

Action Trail:

01/22/1998- PENDING INITIAL REVIEW

02/02/1998- NEW APPLICATION INITIAL REVIEW BEGAN

08/08/1996- NEW APP SUSPENDED FOR COMMENTS FROM GMD
09/16/1996- PENDING CHIEF ENGINEER ACTION
09/17/1996- APPROVED PENDING COMPLETION
08/04/1997- EXTENDED TIME TO COMPLETE
01/22/1998- CHANGE APPLICATION FOR PLACE OF USE
04/21/1998- COMPLETED PENDING INSPECTION
05/15/1998- CHANGE APPROVED
07/06/2001- INSPECTED PENDING PERFECTION
12/21/2001- INSPECTED PENDING PERFECTION - EXTENDED TIME TO PERFECT
07/09/2007- PROPOSED CERTIFICATE
01/08/2008- SUSPENDED FOR DRAFT CERTIFICATE
02/20/2008- CERTIFICATE READY FOR CHIEF ENGINEER SIGNATURE
02/22/2008- CERTIFICATE ISSUED

Pd Active:

1

Feet North:

138

Feet West:

2632

Qualifiers:

CS

County:

MORTON

GMD Num:

3

Number of Wells:

1

Subbasin:

CIMARRON RIVER

Stream:

Special Use Area(s):

Comment:

Authorized Quantity and Rate

Quantity Stored By:

Water Right

Authorized Quantity (AF):

250

Net Quantity (AF):

250

Rate Stored By:

02/02/1998- NEW APP SUSPENDED FOR COMMENTS FROM GMD
04/29/1998- PENDING CHIEF ENGINEER ACTION
05/15/1998- APPROVED PENDING COMPLETION
06/22/1998- COMPLETED PENDING INSPECTION
07/06/2001- INSPECTED PENDING PERFECTION
07/09/2007- PROPOSED CERTIFICATE
01/08/2008- SUSPENDED FOR DRAFT CERTIFICATE
02/20/2008- CERTIFICATE READY FOR CHIEF ENGINEER SIGNATURE
02/22/2008- CERTIFICATE ISSUED

Pd Active:

1

Feet North:

138

Feet West:

2632

Qualifiers:

CS

County:

MORTON

GMD Num:

3

Number of Wells:

1

Subbasin:

CIMARRON RIVER

Stream:

Special Use Area(s):

Comment:

Authorized Quantity and Rate

Quantity Stored By:

Water Right

Authorized Quantity (AF):

250

Net Quantity (AF):

0

Rate Stored By:

Water Right

Authorized Rate (GPM):

1085

Net Rate (GPM):
85

Reported Water Use

Water Use Year:
2022

Total Water Used (AF):
0.00

Acres Irrigated:

Water Use Reported on Right Num:
A 42399 00

Reel Number:
21

Blip Number:
7490

Metered Quantity:

Meter Unit:

Beginning Meter Reading:

Ending Meter Reading:

Depth to Water:

Depth of Well:

System Type:

Hours Pumped:

Pump Rate:

Date of Measurement:

Date Report Received:
02/28/2023

Chemigation Indicator:
0

Water Use Code:

Crop Code:

Current Water Use Correspondent(s):
HARRISON KREY

Water Right Information represents conditions as of 12/10/2023.

Point of Diversion

Pd:

25-34S-40W 2

Water Right:

41785 - 00

Use:

IRR

Water Right Details

Source:

G

Right Type:

Appropriation

Total Acres Authorized:

405.00

Net Acres Authorized:

405

Water Right Active:

1

Water Right Status:

CERTIFICATE ISSUED

Place(s) of Use:

19-34S-39W	NW SW	(active)	Total Acres: 31.25, Net Acres: 31.25
25-34S-40W	SE NW	(active)	Total Acres: 22, Net Acres: 22
19-34S-39W	SW SW	(active)	Total Acres: 31.25, Net Acres: 31.25
25-34S-40W	SW NE	(active)	Total Acres: 38, Net Acres: 38
25-34S-40W	SE SE	(active)	Total Acres: 22, Net Acres: 22
19-34S-39W	NE SW	(active)	Total Acres: 31.25, Net Acres: 31.25
25-34S-40W	SW SE	(active)	Total Acres: 38, Net Acres: 38
25-34S-40W	SE SW	(active)	Total Acres: 22, Net Acres: 22
25-34S-40W	SE NE	(active)	Total Acres: 22, Net Acres: 22
19-34S-39W	SE SW	(active)	Total Acres: 31.25, Net Acres: 31.25
25-34S-40W	NE SE	(active)	Total Acres: 38, Net Acres: 38
25-34S-40W	NW SE	(active)	Total Acres: 40, Net Acres: 40
25-34S-40W	NE SW	(active)	Total Acres: 38, Net Acres: 38

Priority Date:

07/17/1995

Point of Diversion Details

Action Trail:

07/17/1995- PENDING INITIAL REVIEW

07/18/1995- NEW APPLICATION INITIAL REVIEW BEGAN

07/19/1995- NEW APP SUSPENDED FOR COMMENTS FROM GMD
08/07/1995- NEW APPLICATION INITIAL REVIEW BEGAN
08/08/1995- NEW APP SUSPENDED FOR ADDITIONAL DATA FROM APPLICANT
08/23/1995- NEW APP SUSPENDED FOR ADDITIONAL DATA FROM APPLICANT
12/18/1995- NEW APP ORIGINAL RETURNED FOR ADDITIONAL DATA
07/12/1996- PENDING CHIEF ENGINEER ACTION
07/16/1996- APPROVED PENDING COMPLETION
08/29/1997- COMPLETED PENDING INSPECTION
01/22/1998- CHANGE APPLICATION FOR PLACE OF USE
05/15/1998- CHANGE APPROVED
07/12/2001- INSPECTED PENDING PERFECTION
12/21/2001- INSPECTED PENDING PERFECTION - EXTENDED TIME TO PERFECT
07/09/2007- PROPOSED CERTIFICATE
01/08/2008- SUSPENDED FOR DRAFT CERTIFICATE
02/20/2008- CERTIFICATE READY FOR CHIEF ENGINEER SIGNATURE
02/22/2008- CERTIFICATE ISSUED

Pd Active:

1

Feet North:

65

Feet West:

3589

Qualifiers:

SW SE SW

County:

MORTON

GMD Num:

3

Number of Wells:

1

Subbasin:

CIMARRON RIVER

Stream:

Special Use Area(s):

Comment:

Authorized Quantity and Rate

Quantity Stored By:

Water Right

Authorized Quantity (AF):

420

Net Quantity (AF):

420

Rate Stored By:
Water Right

Authorized Rate (GPM):
970

Net Rate (GPM):
970

Reported Water Use

Water Use Year:
2022

Total Water Used (AF):
347.00

Acres Irrigated:
290

Water Use Reported on Right Num:

Reel Number:
21

Blip Number:
7490

Metered Quantity:
347

Meter Unit:
2

Beginning Meter Reading:
203

Ending Meter Reading:
550

Depth to Water:

Depth of Well:

System Type:
4

Hours Pumped:

Pump Rate:

Date of Measurement:

Date Report Received:

02/28/2023

Chemigation Indicator:

0

Water Use Code:

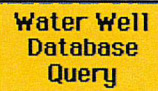
A

Crop Code:

51

Current Water Use Correspondent(s):

HARRISON KREY



Specific Water Well Detail

Well T34S, R40W, Sec. 25, SW SE SW, Action: Constructed

Location Info	
Owner: Littell, Clark	Status: Constructed
Location: T34S, R40W, Sec. 25, SW SE SW	County: Morton
Directions: From Rolla, 4 miles South and 0.5 mile East	
Latitude: 37.0552943	Longitude: -101.6217385 Datum NAD 27
Latitude: 37.0553202	Longitude: -101.6221773 Datum NAD 83
Longitude and latitude calculated by Survey from township-range-section-quarter calls. Only good to within the quarter call accuracy.	
View well on interactive map This link will create a new window and display an interactive map of this well and its neighbors.	
General Info	
Well Depth: 460 ft.	Elevation: ft.
Static Water Level: 190 ft.	Est. Yield: gpm.
Comp. Date: 05-Feb-1997	Well Use: Irrigation
DWR Applic. #: 41785	Other ID:
Links	
No Wizard information available.	
View info from WIMAS Water Right Data base...	
Driller Info	
Driller: Arnold Winter, KTM Drilling, Inc!	License #: 225
Scanned Form	
View scan of this form in PDF format.	
You will need the Acrobat PDF Reader , available free from Adobe, to read this file.	
Chemical Sample Submitted?: No	
Water Well disinfected?:	
Ground water encountered: 0 ft. , 0 ft. , 0 ft.	
Pump test data: Well water was 0 ft after 0 hours pumping 0 gpm	
Casing Info	
Casing Type: Steel	Diam: 160 in. to 4600 ft
Casing Joints:	Diam: 0 in. to 0 ft
	Diam: 0 in. to 0 ft
Casing height above land surface: in	
Casing Weight: lbs/ft	
Wall thickness or gauge no.:	

Screen and Perforation Info		
	Screen Type: Steel	Screen Openings: Mill slot
	Screen-perforated intervals	From: 2800 ft to 3000 ft From: 300 ft to 350 ft From: 350 ft to 370 ft
	Gravel pack intervals	From: ft to ft
Grout Info		
	Grout used: Neat cement	From: 0 to 2000 ft From: 0 to 0 ft From: 0 to 0 ft
Source of Possible Contamination		
	Source: OTHER	
	Direction from well:	Distance: 0 ft
Lithologic Log (Log data entered by KGS.)		
	From: 0 ft. to 200 ft.	surface, sand and clay
	From: 200 ft. to 240 ft.	fine sand
	From: 240 ft. to 280 ft.	brown clay with fine sand
	From: 280 ft. to 340 ft.	soft sticky clay with fine sand
	From: 340 ft. to 440 ft.	med. Fine sand
	From: 440 ft. to 460 ft.	firm med. Sand with clay strips
	From: 460 ft. to 480 ft.	firm brown and red clay

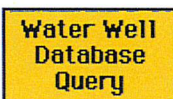
Kansas Geological Survey

Comments to webadmin@kgs.ku.edu

URL=<http://www.kgs.ku.edu/Magellan/WaterWell/index.html>

Display Programs Updated July 2, 2014

Data added continuously.



Specific Water Well Detail

Well T34S, R39W, Sec. 19, SE SE SW, Action: Constructed

Location Info		
Owner: Littell, Clark	Status: Constructed	
Location: T34S, R39W, Sec. 19, SE SE SW	County: Morton	
Directions: From Rolla, 2.5 miles South and 1.5 miles East		
Latitude: 37.0697666	Longitude: -101.6014325	Datum NAD 27
Latitude: 37.0697924	Longitude: -101.601871	Datum NAD 83
Longitude and latitude calculated by Survey from township-range-section-quarter calls. Only good to within the quarter call accuracy.		
View well on interactive map This link will create a new window and display an interactive map of this well and its neighbors.		
General Info		
Well Depth: 480 ft.	Elevation: ft.	
Static Water Level: 180 ft.	Est. Yield: gpm.	
Comp. Date: 10-Nov-1997	Well Use: Irrigation	
DWR Applic. #: 42399	Other ID:	
Links		
No Wizard information available.		
View info from WIMAS Water Right Data base...		
Driller Info		
Driller: Arnold Winter, KTM Drilling, Inc.	License #: 225	
Scanned Form		
View scan of this form in PDF format.		
You will need the Acrobat PDF Reader , available free from Adobe, to read this file.		
Chemical Sample Submitted?: Water Well disinfected?:		
Casing Info		
Casing Type:	Diam: in. to ft	
Casing Joints:		
Casing height above land surface: in		
Casing Weight: lbs/ft		
Wall thickness or gauge no.:		
Screen and Perforation Info		
Screen Type:	Screen Openings:	

<input type="checkbox"/>	Screen-perforated intervals	From: ft to ft
<input type="checkbox"/>	Gravel pack intervals	From: ft to ft
Grout Info		
<input type="checkbox"/>	Grout used:	From: to ft
Source of Possible Contamination		
<input type="checkbox"/>	Source:	
<input type="checkbox"/>	Direction from well:	Distance: ft
Lithologic Log (Log data entered by KGS.)		
<input type="checkbox"/>	From: 0 ft. to 186 ft.	surface sand and clay
<input type="checkbox"/>	From: 186 ft. to 217 ft.	loose fine sand
<input type="checkbox"/>	From: 217 ft. to 247 ft.	loose fine sand
<input type="checkbox"/>	From: 247 ft. to 277 ft.	loose fine sand and clay stringers
<input type="checkbox"/>	From: 277 ft. to 308 ft.	loose fine sand with clay stringers
<input type="checkbox"/>	From: 308 ft. to 337 ft.	tight sand and gravel with clay stringers
<input type="checkbox"/>	From: 337 ft. to 368 ft.	loose fine sand and clay
<input type="checkbox"/>	From: 368 ft. to 399 ft.	loose fine sand and clay
<input type="checkbox"/>	From: 399 ft. to 430 ft.	fine to coarse sand and clay stringers
<input type="checkbox"/>	From: 430 ft. to 461 ft.	coarse sand to red clay
<input type="checkbox"/>	From: 461 ft. to 492 ft.	coarse sand and red clay

Kansas Geological Survey

Comments to webadmin@kgs.ku.edu

URL=<http://www.kgs.ku.edu/Magellan/WaterWell/index.html>

Display Programs Updated July 2, 2014

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