

DRILLER'S TEST LOG

Customer Name: John Grother

Date: 4/23/2021

Address:

County: Harper Quarter: NE Section: 10 Township: 31 Range: 8

Drilled Footage

Description of Strata

Indicate Test Location by an X

[illegible]

ROSENCRANTZ-BEMIS EQUIPMENT CO., INC

Telephone (620) 792-2488 or (620) 793-5512

P.O. Box 713, Great Bend, KS 67530

DRILLER'S TEST LOG

Customer Name: John Grother Date: 4/26/2021
 Address: _____ Test No: #2-21
 County: Harper Quarter: NE Section: 10 Township: 31 Range: 8

Drilled Footage

From	To
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Description of Strata

Indicate Test Location by an X

[illegible]

Static Water Level: _____ Ft

Remarks: Plugged test 4-27-21

Garmin GPS: NAD 83

Latitude: 37.366119 N

Longitude: 98.173816 W

Elevation:

Driller: Luis Luna

Spot Location: NW/ NE/ SW/ NE

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DRILLER'S TEST LOG

Customer Name: John Grother Date: 4/26/2021
 Address _____ Test No: #3-21
 County: Harper Quarter: NE Section: 10 Township: 31 Range: 8

Drilled Footage

From	To	Description of Strata	Indicate Test Location by an X
0	3	Top soil	
3	6	Brown clay	
6	11	Sandy hard tan clay w/ gravel	
11	31	Hard tan gray clay w/ white shalky clay	
31	35	Sand & gravel- fine to small w/ some	
		med & clay	
35	75	Sand & gravle- fine to small w/ some	
		med & a little clay	
75	78	Cemented sand	
78	85	Sand & gravel- fine to small clean	
85	86	Red bed	Static Water Level: _____ Ft Remarks: <u>Set casing for supply well- 80ft</u> <u>Pulled casing & plugged (5-18-21)</u> Garmin GPS: NAD 83 Latitude: <u>37.366103 N</u> Longitude: <u>98.171584 W</u> Elevation: _____ Driller: <u>Luis Luna</u> Spot Location: <u>NW/ NW/ SE/ NW</u>

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WATER WELL RECORD Form WWC-5

☒ Original Record ☐ Correction ☐ Change in Well Use

Division of Water
Resources App. No.

Well ID

1 LOCATION OF WATER WELL:

County: Harper

Fraction

NW 1/4 SW 1/4 NE 1/4 NE 1/4

Section Number

10

Township Number

T 31 S

Range Number

R 8 E W

2 WELL OWNER: Last Name: Grother

First: John

Business:

Address: 11804 South Hydraulic Street

Address:

City: Peck

State: KS

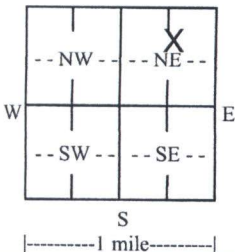
ZIP: 67120

Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): If at owner's address, check here: ☐

5 1/4 South of Spivey

3 LOCATE WELL WITH "X" IN SECTION BOX:

N



4 DEPTH OF COMPLETED WELL: 90 ft.

Depth(s) Groundwater Encountered: 1) 52 ft.

2) ft. 3) ft. or 4) ☐ Dry Well

WELL'S STATIC WATER LEVEL: 52 ft.

☒ below land surface, measured on (mo-day-yr) 04/26/2021

☐ above land surface, measured on (mo-day-yr)

Pump test data: Well water was ft.

after hours pumping gpm

Well water was ft.

after hours pumping gpm

Estimated Yield: 20 gpm

Bore Hole Diameter: 10 in. to 90 ft. and

..... in. to ft.

5 Latitude: 37.367423 (decimal degrees)

Longitude: 98.171384 (decimal degrees)

Datum: ☐ WGS 84 ☒ NAD 83 ☐ NAD 27

Source for Latitude/Longitude:

☐ GPS (unit make/model:)

(WAAS enabled? ☐ Yes ☐ No)

☐ Land Survey ☐ Topographic Map

☐ Online Mapper:

6 Elevation: ft. ☐ Ground Level ☐ TOC

Source: ☐ Land Survey ☐ GPS ☐ Topographic Map

☐ Other

7 WELL WATER TO BE USED AS:

1. Domestic:

- ☐ Household
☐ Lawn & Garden
☒ Livestock

2. ☐ Irrigation

3. ☐ Feedlot

4. ☐ Industrial

5. ☐ Public Water Supply: well ID

6. ☐ Dewatering: how many wells?

7. ☐ Aquifer Recharge: well ID

8. ☐ Monitoring: well ID

9. Environmental Remediation: well ID

☐ Air Sparge ☐ Soil Vapor Extraction

☐ Recovery ☐ Injection

10. ☐ Oil Field Water Supply: lease

11. Test Hole: well ID

☐ Cased ☐ Uncased ☐ Geotechnical

12. Geothermal: how many bores?

a) Closed Loop ☐ Horizontal ☐ Vertical

b) Open Loop ☐ Surface Discharge ☐ Inj. of Water

13. ☐ Other (specify):

Was a chemical/bacteriological sample submitted to KDHE? ☐ Yes ☒ No If yes, date sample was submitted:

Water well disinfected? ☒ Yes ☐ No

8 TYPE OF CASING USED: ☐ Steel ☒ PVC ☐ Other CASING JOINTS: ☒ Glued ☐ Clamped ☐ Welded ☐ Threaded

Casing diameter 5 in. to 90 ft., Diameter in. to ft., Diameter in. to ft.

Casing height above land surface 18 in. Weight lbs./ft. Wall thickness or gauge No. SDR - 26

TYPE OF SCREEN OR PERFORATION MATERIAL:

☐ Steel ☐ Stainless Steel

☐ Brass ☐ Galvanized Steel

☒ PVC

☐ None used (open hole)

☐ Other (Specify)

SCREEN OR PERFORATION OPENINGS ARE:

☐ Continuous Slot ☐ Mill Slot ☐ Gauze Wrapped ☐ Torch Cut ☐ Drilled Holes ☐ Other (Specify)

☐ Louvered Shutter ☐ Key Punched ☐ Wire Wrapped ☒ Saw Cut ☐ None (Open Hole)

SCREEN-PERFORATED INTERVALS: From 70 ft. to 90 ft., From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 20 ft. to 90 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: ☐ Neat cement ☐ Cement grout ☒ Bentonite ☐ Other

Grout Intervals: From 0 ft. to 20 ft., From ft. to ft., From ft. to ft.

Nearest source of possible contamination: ☒ No potential source of contamination within 200 ft.

☐ Septic Tank

☐ Lateral Lines

☐ Pit Privy

☐ Livestock Pens

☐ Insecticide Storage

☐ Sewer Lines

☐ Cess Pool

☐ Sewage Lagoon

☐ Fuel Storage

☐ Abandoned Water Well

☐ Watertight Sewer Lines

☐ Seepage Pit

☐ Feedyard

☐ Fertilizer Storage

☐ Oil Well/Gas Well

☐ Other (Specify)

Direction from well? Distance from well? ft.

10 FROM TO LITHOLOGIC LOG FROM TO LITHO. LOG (cont.) or PLUGGING INTERVALS

0	3	Top soil
3	9	Sand & gravel- small med clean
9	14	Tan clay
14	18	Gritty tan clay
18	19	Sand & gravel- fine to small
19	43	Tan gray clay w/ white shalky rock
43	90	Sand & gravel- small to med clean

Notes:

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was ☒ constructed, ☐ reconstructed, or ☐ plugged under my jurisdiction and was completed on (mo-day-year) 05/18/2021 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 134 This Water Well Record was completed on (mo-day-year) 06/09/2021 under the business name of Rosencrantz-Bemis Ent., Inc.

Send one copy to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.

KS Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-3565.

Visit us at <http://www.kdheks.gov/waterwell/index.html>

KSA 82a-1212

Customer Name: John Grother Date: 4/22/2021
 Address: _____ Test No: #1-21
 County: Harper Quarter: NW Section: 10 Township: 31 Range: 8

From	To	Description of Strata
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Indicate Test Location by an X

Borehole Log			Marked Test Location by an X			
0	3	Top soil				
3	15	Gritty reddish tan clay w/ fine sand				
15	39	Hard tan white clay w/ rock				
39	45	Sand & gravel- Fine to small w/ soft				
		cemented sand				
45	65	Sand & gravel- fine to small w/ some				
		med clean				
65	88	Sand & gravel- fine to small w/ some				
		med & small clay streaks				
88	91	Red bed w/ a little light green shale				
			Static Water Level: <u>48</u> Ft			
			Remarks: <u>Pipe set for supply well - 90ft</u>			
			<u>Pulled casing & plugged (5-18-21)</u>			
			Garmin GPS: NAD 83			
			Latitude: 37.366400 N			
			Longitude: 98.181096 W			
			Elevation:			
			Driller: <u>Luis Luna</u>			
			Spot Location: <u>SE/ SE/ NW/ NW</u>			

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DRILLER'S TEST LOG

Customer Name: John Grother

Date: 4/22/2021

Address: _____ Test No: #2-21

County: Harper Quarter: NW Section: 10 Township: 31 Range: 8

Drilled Footage

From	To
------	----

Description of Strata

Indicate Test Location by an X

0	3	Top soil	
3	6	Reddish tan clay	
6	10	Hard tan gray clay w/ white rock	
10	15	Tan gray clay gritty clay & fine sand	
15	37	Hard brown clay	
37	40	Sand & gravel- fine to small	
40	45	Tan white clay	
45	60	Sand & gravel- fine to small	
60	80	Sand & gravel- fine to small some med	
80	84	Sand & gravel- small med	
84	85	Red bed	
			Static Water Level: _____ Ft
			Remarks: <u>Test hole plugged 4-27-2021</u>
			Garmin GPS: NAD 83
			Latitude: 37.365595 N
			Longitude: 98.181126 W
			Elevation:
			Driller: <u>Luis Luna</u>
			Spot Location: NE/ NE/ SW/ NW

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DRILLER'S TEST LOG

Customer Name: John Grother

Date: 4/23/2021

Address:

Test No: #3-21

County: Harper Quarter: NW Section: 10 Township: 31 Range: 8

Drilled Footage

From	To
------	----

Description of Strata

Indicate Test Location by an X

Soil Profile			Indicate Test Location by an X			
0	3	Top soil				
3	5	Reddish clay				
5	17	Sand & gravel- fine small to med				
17	26	Yellow white clay				
26	32	Sand & gravel- fine to small				
32	45	Gritty tan gray clay				
45	58	Sandy tan clay				
58	64	Sand & gravel- fine to small clean				
64	70	Sand & gravel- small med clean coarse				
70	80	Sand & gravel- fine to small w/ a				
		little clay				
80	90	Sand & gravel- small med clean				
90	95	Sand & gravel- small med to pea size	Static Water Level: _____ Ft			
95	105	Sand & gravel- fine to small w/ some	Remarks: <u>Test hole plugged 4-27-2021</u>			
		med clean				
105	106	Red bed				
			Garmin GPS: NAD 83			
			Latitude: 37.365784 N			
			Longitude: 98.179059 W			
			Elevation: _____			
			Driller: <u>Luis Luna</u>			
			Spot Location: <u>NE/ NW/ SE/ NW</u>			

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DRILLER'S TEST LOG

Customer Name: John Grother

Date: 4/23/2021

Address: _____ Test No: #4-21

County: Harper Quarter: NW Section: 10 Township: 31 Range: 8

Drilled Footage

From	To
------	----

Description of Strata

Indicate Test Location by an X

0	3		Top soil	
3	16		Sand & gravel- small med w/ clay	
16	19		Soft cemented sand	
19	29		Sand & gravel- fine small to med	
29	51		Gray tan clay w/ white shalky rock	
51	58		Sand & gravel- fine to small clean	
58	59		Clay break	
59	60		Sand & gravel- fine to small some med	
60	64		Sand & gravel- small med clean	
64	66		Clay break	
66	99		Sand & gravel- fine small to med w/ a little clay	
99	100		Red bed	
				Static Water Level: _____ Ft
				Remarks: <u>Test hole plugged 4-27-2021</u>
				Garmin GPS: NAD 83
				Latitude: 37.365887 N Geo-center
				Longitude: 98.180148 W
				Elevation:
				Driller: Luis Luna
				Spot Location: NW/ NW/ SE/ NW

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