County: Geary Fraction: SE SE NW SW Sec. 28 T. 11 S R. 6 E

CORRECTION(S) to WATER WELL COMPLETION RECORD **Form WWC-5** (to rectify lacking or incorrect information)

Owner: Fort Riley (David Jones) 354-19-34

If location corrected, was listed as:	**Location changed to:**
Section-Township-Range: none listed	28-11-6E
Fraction (¼ calls): none listed	SE SE NW SW

Other changes: Initial statements:

Changed to:

Comments:

Verification method: Correct S-T-R and fractions found by entering Latitude and Longitude in LEOWEB. Matched location with site map on the KGS mapper

Initials: SH Date: 01-27-2021

Submitted by: ■ Kansas Geological Survey, Data Resources Library, 1930 Constant Ave., Lawrence, KS 66047-3724
☐ Kansas Dept. of Health & Environment, Bureau of Water, 1000 SW Jackson, Suite 420, Topeka, KS 66612-1367

(rev 01/26/2018)

WATER WELL RECORD Form WWC-5

■ Original Record ☐ Correction ☐ Change in Well Use

Division of Water Resources App. No. _____ Well ID 354-19-34

1 LOCATION OF WATER WELL: County: Geary | Fraction: ¼ ¼ ¼ ¼ | Section Number | Township Number T S | Range Number R ☐E ☐W

2 WELL OWNER: Last Name: Jones First: David
Business: Fort Riley
Address: Sheridan Hall Building 407 Pershing Court
Address:
City: Fort Riley State: KS ZIP: 66442

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: ☐
Fort Riley Building #354
Fort Riley, KS 66442

3 LOCATE WELL WITH "X" IN SECTION BOX:

N / W / E / S; NW, NE, SW, SE; |---------1 mile---------|

4 DEPTH OF COMPLETED WELL: 40.0 ft.
Depth(s) Groundwater Encountered: 1) 34 ft. 2) N/A ft. 3) N/A ft., or 4) ☐ Dry Well
WELL'S STATIC WATER LEVEL: 34.03 ft.
■ below land surface, measured on (mo-day-yr) 12-10-19
☐ above land surface, measured on (mo-day-yr) .....
Pump test data: Well water was N/A ft. after N/A hours pumping N/A gpm
Well water was N/A ft. after N/A hours pumping N/A gpm
Estimated Yield: N/A gpm
Bore Hole Diameter: 8.25 in. to 40.0 ft. and N/A in. to N/A ft.

5 Latitude: 39.0628321 (decimal degrees)
Longitude: -96.7769047 (decimal degrees)
Horizontal 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: 1096.35 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 354-19-34
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 2 in. to 30.0 ft., Diameter N/A in. to N/A ft., Diameter N/A in. to N/A ft.
Casing height above land surface 0 in. Weight N/A lbs./ft. Wall thickness or gauge No. Sch. 40

TYPE OF SCREEN OR PERFORATION MATERIAL:
☐ Steel ☐ Stainless Steel ☐ Fiberglass ■ PVC ☐ Other (Specify) .....
☐ Brass ☐ Galvanized Steel ☐ Concrete tile ☐ None used (open hole)

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 30.0 ft. to 40.0 ft., From N/A ft. to N/A ft., From N/A ft. to N/A ft.
GRAVEL PACK INTERVALS: From 26.0 ft. to 40.0 ft., From N/A ft. to N/A ft., From N/A ft. to N/A ft.

9 GROUT MATERIAL: ☐ Neat cement ■ Cement grout ■ Bentonite ■ Other Concrete 0-2 feet
Grout Intervals: From 2 ft. to 26.0 ft., From N/A ft. to N/A ft., From N/A ft. to N/A ft.

Nearest source of possible contamination:
☐ 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) Solvent storage at former Building 354
Direction from well? Northeast Distance from well? 275 ft.

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

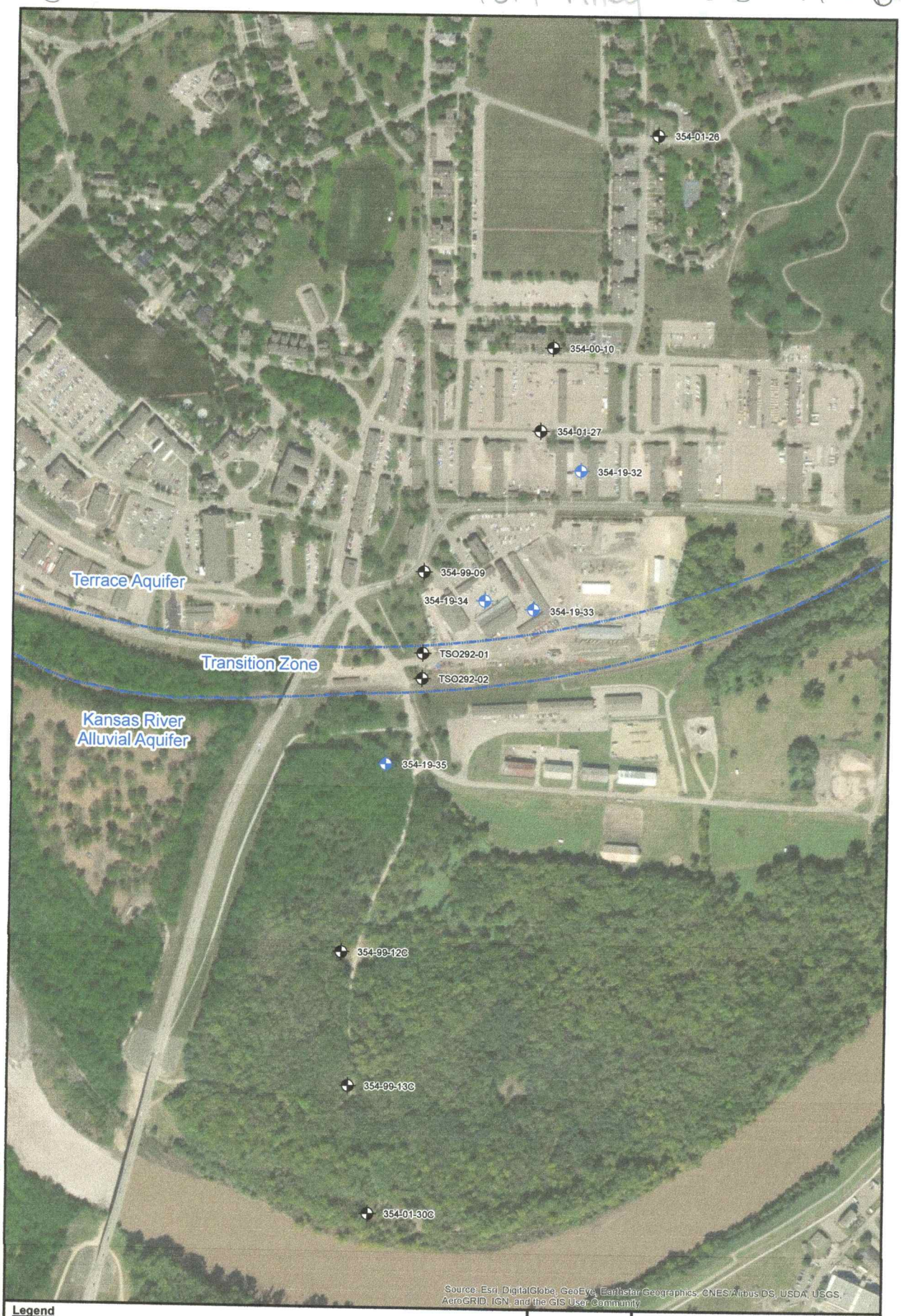
Notes:

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) 12/10/2019 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 759 This Water Well Record was completed on (mo-day-year) 1/8/2020 under the business name of RAZEK Environmental, LLC Signature .....

Mail 1 white copy along with a fee of $5.00 for each constructed well to: Kansas Department of Health and Environment, Bureau of Water, GWTS Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Mail one to Water Well Owner and retain one for your records. Telephone 785-296-5524.

Visit us at http://www.kdheks.gov/waterwell/index.html KSA 82a-1212 **Revised 7/10/2015**

Fort Riley 28-11-6E



Legend

- Proposed Monitoring Well
- Existing Monitoring Well
- Aquifer Boundary

400 200 0 400
Feet

Tehama
BURNS McDONNELL

FIGURE 17-1
PROPOSED AND EXISTING
MONITORING WELL LOCATION MAP
354 AREA SOLVENT DETECTIONS
UFP-QAPP
FORT RILEY, KANSAS

Path: Z:\Clients\ENSUS\COE117336_BLDG354\Studies\Geospatial\Docs\Figure 17-1_354 Solvent Detection Area Well Location Map_UFP_QAPP.mxd

Issued: July, 12 2019

Geary Fort Riley

HTW DRILLING LOG

HOLE NO. 354-19-34

1. COMPANY NAME: Burns & McDonnell	2. DRILLING SUBCONTRACTOR: RAZEK
3. PROJECT: 354 AREA Solvent Detections	4. LOCATION: 354 Area Fort Riley
5. NAME OF DRILLER: Tony Poulter	6. MANUFACTURER'S DESIGNATION OF DRILL: Geoprobe
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: 2" DPT Macrocore; 8.25" HSA	8. HOLE LOCATION
	9. SURFACE ELEVATION
	10. DATE STARTED: 12/10/19 — 11. DATE COMPLETED: 12/10/19
12. OVERBURDEN THICKNESS: 39.8'	15. DEPTH GROUNDWATER ENCOUNTERED: 33'
13. DEPTH DRILLED INTO ROCK: NA	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED
14. TOTAL DEPTH OF HOLE: 39.8'	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): NA

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
NA	NA	NA	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY
NA	NA	NA	NA	NA	NA	NA %

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
MW Installed	NA	Flush	NA	Dax Baker / Dax BK

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d PID	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	~~BLOW COUNTS~~ Recovery	REMARKS h
	0	Asphalt / road bed		N/A	N/A		Start Drilling 0915
	1	Sand, fine grain, yellowish brown 10YR (5/6), Sub angular, damp, poorly graded, loose, quartz, SP.	0.0				
	2		6.0				
	3		0.0				
	4	becomes very fine grain sand w/ trace silt, pale brown 10YR (6/3)	6.0				
	5		6.0			3/5	0918

MRK FORM JUN 89 55 | PROJECT | HOLE NO.

HTW DRILLING LOG

HOLE NO. 354-19-34

PROJECT 354 AREA Solvent Detections

INSPECTOR D. DL

SHEET 2 OF 5 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d PID	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	5		0.0			0	0914
	6	same Fe oxide staining	0.0				
	7		0.0				
	8		0.0				
	9		0.0				
	10		0.0			3/5	0920
							0921
	11		0.0				
	12		0.0				
	13		0.0				
	14		0.0				

PROJECT

HOLE NO.

MRK FORM JUN 89 55-2

Veary Fort Riley

HTW DRILLING LOG

HOLE NO. 354-A-34

PROJECT 354 Area Solvent Detections

INSPECTOR Dax BL

SHEET 3 OF 5 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	14		0.0				
	15		0.0			4.5/5	0925
							0926
	16	becomes fine grain sand	0.0				
	17		0.0				
	18		0.0				
	19		0.0				
	20		0.0			3/5	0930
							0931
	21		0.0				
	22	become very fine grain sand	0.0				
	23		0.0				

MRK FORM JUN 89 55-2

PROJECT

HOLE NO.

Weary Fort Kitsu

HTW DRILLING LOG

HOLE NO. 354-19-34

PROJECT 354 Area Solvent Detection

INSPECTOR DY BK

SHEET 4 OF 5 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	23		6.0				
	24		6.0				
	25		6.0			4/5	0935
							0936
	26		6.0				
	27		6.0				
	28		6.0				
	29	Silt w/some very fine grain sand, Strong brown 7.5YR (3/6), trace plasticity, soft, damp, SM.	6.0				
	30		0.0			4/5	0939
							0941
	31						
	32						

PROJECT

HOLE NO.

MRK FORM JUN 89 55-2

Mary for Riley

HTW DRILLING LOG

PROJECT	INSPECTOR	HOLE NO.	SHEET OF SHEETS
354 Area Solvent Detections	Dy BL	354-19-34	5 OF 5 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS Recov.	REMARKS h
	32		6.0				
			6.0				
	33	becomes wet					▽
		Sand, fine to medium grain, grayish brown 2.5 Y(5/2), subangular, loose, soft, well graded, wet SW.					
	34		6.0				
	35		6.0			4/5	0944
							0946
			6.0				
	36						
			6.0				
	37						
		with some gravel					
	38		6.0				
	39		6.0				
							Stop 0950
							Refusal 39.8'
		TD: 39.8'					

MRK FORM JUN 89 55-2

PROJECT

HOLE NO.