

WATER WELL RECORD Form WWC-5

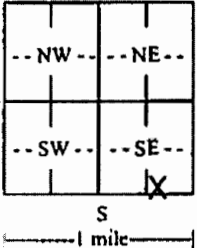
Original Record Correction Change in Well Use

Division of Water Resources App. No.

Well ID MW 19R

1 LOCATION OF WATER WELL: County: Thomas	Fraction SW ¼ SW ¼ SE ¼ SE ¼	Section Number 36	Township Number T 7 S	Range Number R 34 <input type="checkbox"/> E <input checked="" type="checkbox"/> W
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2 WELL OWNER: Last Name: City of Colby Business: City of Colby Address: 585 N. Franklin Address: City: Colby State: KS ZIP: 67701	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: <input type="checkbox"/> Colby Public Power - 120 N. Sterling, Colby, KS 67701
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3 LOCATE WELL WITH "X" IN SECTION BOX: N 	4 DEPTH OF COMPLETED WELL: 160 ft. Depth(s) Groundwater Encountered: 1) ft. 2) ft. 3) ft., or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: 142.15 ft. <input checked="" type="checkbox"/> below land surface, measured on (mo-day-yr) 9-6-16 <input type="checkbox"/> 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: gpm Bore Hole Diameter: 8.6 in. to ft. and in. to ft.	5 Latitude: 39.3947661 (decimal degrees) Longitude: 101.0587776 (decimal degrees) Horizontal Datum: <input type="checkbox"/> WGS 84 <input checked="" type="checkbox"/> NAD 83 <input type="checkbox"/> NAD 27 Source for Latitude/Longitude: <input checked="" type="checkbox"/> GPS (unit make/model: EPOCH) (WAAS enabled? <input type="checkbox"/> Yes <input type="checkbox"/> No) <input type="checkbox"/> Land Survey <input type="checkbox"/> Topographic Map <input type="checkbox"/> Online Mapper:
6 Elevation: 3165.05 ft. <input type="checkbox"/> Ground Level <input checked="" type="checkbox"/> TOC Source: <input checked="" type="checkbox"/> Land Survey <input checked="" type="checkbox"/> GPS <input type="checkbox"/> Topographic Map <input type="checkbox"/> Other		

7 WELL WATER TO BE USED AS:

1. Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock 2. <input type="checkbox"/> Irrigation 3. <input type="checkbox"/> Feedlot 4. <input type="checkbox"/> Industrial	5. <input type="checkbox"/> Public Water Supply: well ID 6. <input type="checkbox"/> Dewatering: how many wells? 7. <input type="checkbox"/> Aquifer Recharge: well ID 8. <input checked="" type="checkbox"/> Monitoring: well ID MW-19R 9. Environmental Remediation: well ID <input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction <input type="checkbox"/> Recovery <input type="checkbox"/> Injection	10. <input type="checkbox"/> Oil Field Water Supply: lease 11. Test Hole: well ID <input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical 12. Geothermal: how many bores? a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water 13. <input type="checkbox"/> Other (specify):
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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 **4** in. to **130** ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface **3.48** in. Weight lbs./ft. Wall thickness or gauge No. **Sch. 80**

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 **130** ft. to **160** ft., From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From **127.5** ft. to **160** ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other **concrete 0-1ft**

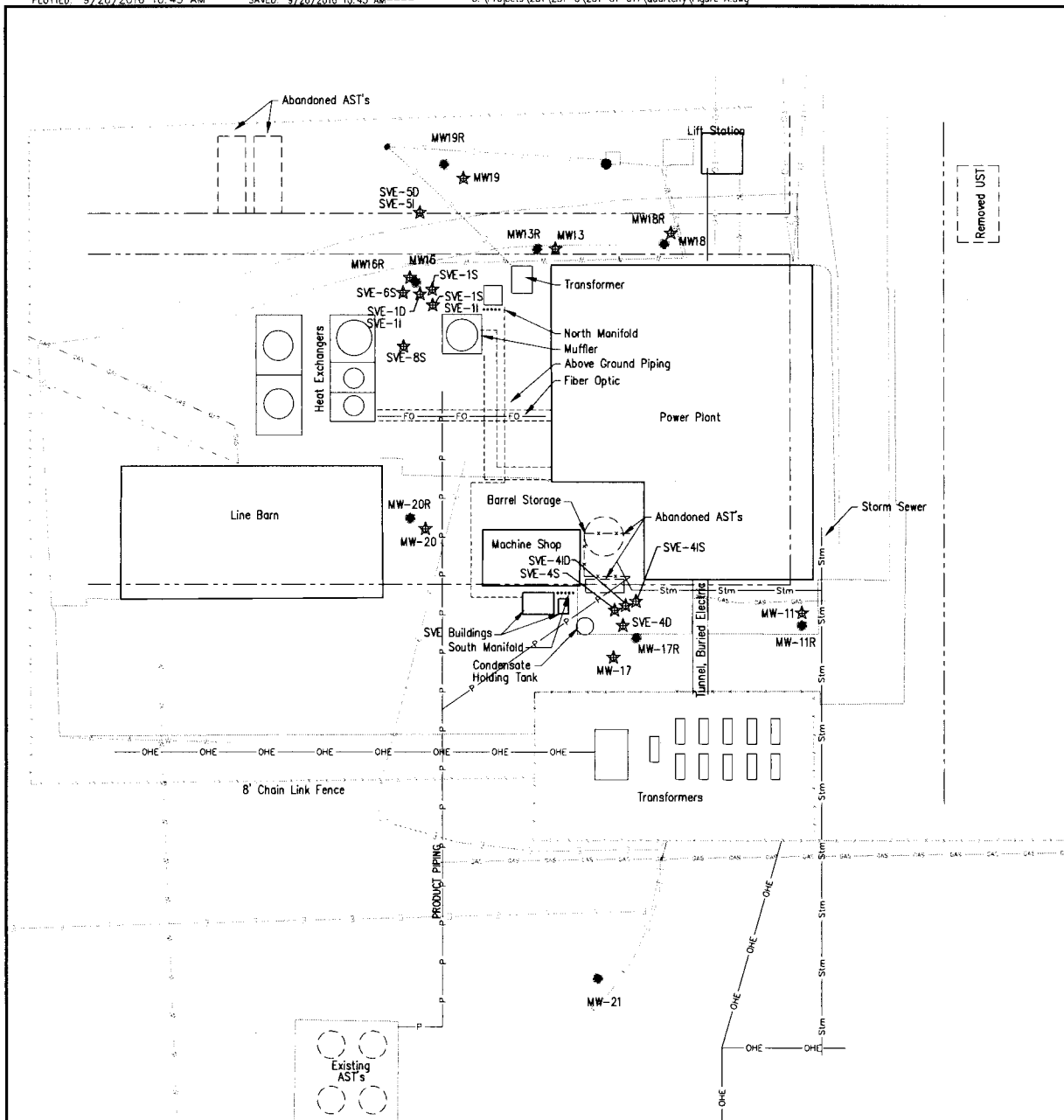
Grout Intervals: From **1** ft. to **127.5** ft., From ft. to ft., From ft. to ft.

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)

Direction from well? Distance from well? ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	2	Grass/topsoil			
2	28	Silt			
28	42	Silty clay			
42	72	Sand with clay and caliche			
72	83	Clay with sand			
83	105	Sand with caliche			
105	118	Sand with clay			Notes:
118	143	Gravelly sand with clay and caliche			
143	162	Sand with clay and caliche			

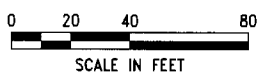
11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year) **8-23-16** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **881** This Water Well Record was completed on (mo-day-year) **9-28-16** under the business name of **Wootter Pump & Well** Signature *[Signature]*



Point Designation	Coordinates		Latitude	Longitude	Top of Rim Elevation	Top of Casing Elevation
	North	West				
MW-11R	26.042	1000.73	39.3942772	101.0582967	3164.18	3163.79
MW-12R	-196.765	1191.15	39.3936718	101.0589795	3162.60	3162.30
MW-13R	170.13	1102.90	39.3946760	101.0586522	3165.00	3164.31
MW-16R	157.456	1149.72	39.3946427	101.0588184	3165.15	3164.75
MW-17R	21.12	1064.83	39.3942658	101.0585237	3164.55	3164.16
MW-18R	172.084	105388	39.3946798	101.0584788	3164.87	3164.45
MW-19R	202.526	1138.74	39.3947661	101.0587776	3165.34	3165.05
MW-20R	67.06	1151.91	39.3943947	101.0588298	3164.61	3164.16
MW-21	-109.27	1079.71	39.3939084	101.0585817	3163.04	3162.41

NAD 83

(per surveyor via driller)



LEGEND

- ⊕ = MONITORING WELL
- ☆ = ABANDONED MONITORING WELL