

**WATER WELL RECORD Form WWC-5**

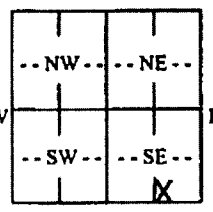
Division of Water Resources App. No.  

Well ID MW13R

Original Record  Correction  Change in Well Use

<b>1 LOCATION OF WATER WELL:</b> County: <b>Thomas</b>	Fraction SW ¼ SW ¼ SE ¼ SE ¼	Section Number <b>36</b>	Township Number <b>T 7 S</b>	Range Number <b>R 34</b> <input type="checkbox"/> E <input checked="" type="checkbox"/> W
---	---------------------------------	-----------------------------	---------------------------------	--

<b>2 WELL OWNER:</b> Last Name: <b>City of Colby</b> Business: <b>City of Colby</b> Address: <b>585 N. Franklin</b> Address: City: <b>Colby</b> State: <b>KS</b> ZIP: <b>67701</b>	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"/> <b>Colby Public Power - 120 N. Sterling, Colby, KS 67701</b>
--	---

<b>3 LOCATE WELL WITH "X" IN SECTION BOX:</b> N  W E S  -----  mile	<b>4 DEPTH OF COMPLETED WELL:</b> ..... <b>160</b> ..... ft. Depth(s) Groundwater Encountered: 1) ..... ft. 2) ..... ft. 3) ..... ft., or 4) <input type="checkbox"/> Dry Well <b>WELL'S STATIC WATER LEVEL:</b> ..... <b>141.58</b> ..... ft. <input checked="" type="checkbox"/> below land surface, measured on (mo-day-yr) <b>9-8-16</b> ..... <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: ..... <b>8.6</b> ..... in. to ..... ft. and ..... in. to ..... ft.	<b>5 Latitude:</b> ..... <b>39.3946760</b> ..... (decimal degrees) <b>Longitude:</b> ..... <b>101.0586522</b> ..... (decimal degrees) Horizontal Datum: <input type="checkbox"/> WGS 84 <input checked="" type="checkbox"/> NAD 83 <input type="checkbox"/> NAD 27 <b>Source for Latitude/Longitude:</b> <input checked="" type="checkbox"/> GPS (unit make/model: <b>EPOCH</b> .....) (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: .....
<b>6 Elevation:</b> <b>3164.31</b> ..... ft. <input type="checkbox"/> Ground Level <input checked="" type="checkbox"/> TOC <b>Source:</b> <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 <b>MW-13R</b> ..... 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): .....
---	---	---

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 ..... **8.28** ..... 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 **126.3** ..... ft. to **160** ..... ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

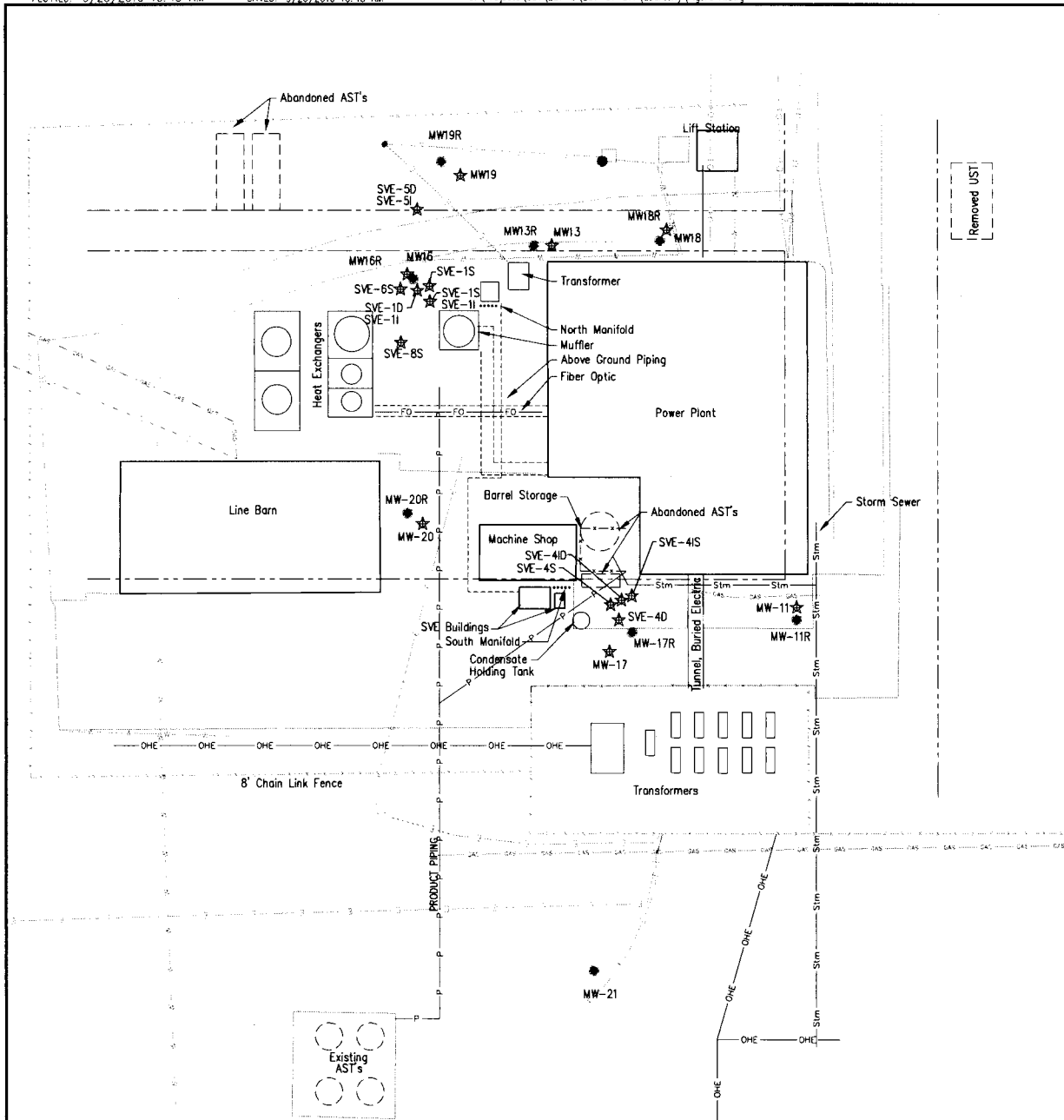
**9 GROUT MATERIAL:**  Neat cement  Cement grout  Bentonite  Other **concrete 0-1ft** .....  
 Grout Intervals: From **1** ..... ft. to **126.3** ..... ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

**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	Topsoil/gravel			
2	25	Silt			
25	44	Silty clay with caliche and sand			
44	69	Sand with caliche and clay			
69	83	Clay with caliche and sand			
83	123	Sand with caliche, gravel and clay			
123	162	Sand with clay and caliche			
Notes:					

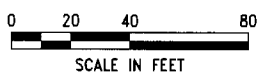
**11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:** This water well was  constructed,  reconstructed, or  plugged under my jurisdiction and was completed on (mo-day-year) **8-28-16** ..... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **881**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



**LEGEND**

- ⊕ = MONITORING WELL
- ☆ = ABANDONED MONITORING WELL

**COLBY PUBLIC POWER**  
**SITE PLAN**  
120 NORTH STERLING, COLBY, KS A6-097-40187

SCALE: AS SHOWN  
PROJECT NO. 16-01-11  
DATE: 08-24-16  
FIELD BOOK: 16A-097-40187  
DRAWN BY: JAP/DB  
SHEET: 1

**MILCO**  
Environmental Services, Inc.  
1200 N. 10th St., Suite 200  
Colby, KS 67801-1586  
Phone: 785.966.1586  
Fax: 785.966.1587

REVISIONS

NO.	DATE	DESCRIPTION
1		

This document, and the ideas and designs incorporated herein, are an instrument of professional service. In the property of MILCO and is not to be used in whole or in part, for any other project without the written authorization of © 2005 MILCO.