

WATER WELL RECORD Form WWC-5

Division of Water Resources App. No.

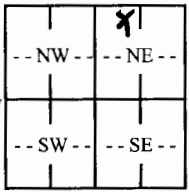
SVE5

Original Record Correction Change in Well Use

Well ID

1 LOCATION OF WATER WELL: County: Shawnee	Fraction ¼ NE ¼ NE ¼ NW ¼	Section Number 20	Township Number T 11 S	Range Number R 16 <input checked="" type="checkbox"/> E <input type="checkbox"/> W
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2 WELL OWNER: Last Name: _____ First: _____ Business: Topeka Conoco Food Mart Address: 2045 N. Kansas Ave Address: _____ City: Topeka State: KS ZIP: 66617	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 checked="" type="checkbox"/> 2045 N. Kansas Ave, Topeka, KS
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3 LOCATE WELL WITH "X" IN SECTION BOX: N  W _____ E S -----1 mile-----	4 DEPTH OF COMPLETED WELL: 30 ft. Depth(s) Groundwater Encountered: 1) 25 ft. 2) ft. 3) ft., or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: ft. <input type="checkbox"/> below land surface, measured on (mo-day-yr)..... <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: 1.25 in. to 30 ft. and in. to ft.	5 Latitude: 38.08756 (decimal degrees) Longitude: 95.66059 (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 type="checkbox"/> GPS (unit make/model:) (WAAS enabled? <input type="checkbox"/> Yes <input type="checkbox"/> No) <input checked="" type="checkbox"/> Land Survey <input type="checkbox"/> Topographic Map <input type="checkbox"/> Online Mapper:
6 Elevation: 872.66 ft. <input type="checkbox"/> Ground Level <input checked="" type="checkbox"/> TOC Source: <input checked="" type="checkbox"/> Land Survey <input 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 <input type="checkbox"/> Irrigation <input type="checkbox"/> Feedlot <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 type="checkbox"/> Monitoring: well ID 9. Environmental Remediation: well ID SVE5 <input type="checkbox"/> Air Sparge <input checked="" 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 **10** ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface **-0.5** in. Weight 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 **10** ft. to **30** ft., From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From **9** ft. to **30** ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other

Grout Intervals: From **1** ft. to **9** 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) **Trust Fund site U4-Q89-14545**.....
 Direction from well? **On-site** Distance from well? **0** ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	1	Grass/Topsoil			
1	5	Silty Clay, dk grey, med. stiff			
5	20	Silt, gry to dk gry			
20	30	Sand, very fine becoming med. to crse			
30	TD	Total Depth			
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) **8-15-2017**..... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **585**..... This Water Well Record was completed on (mo-day-year) **3-16-18**..... under the business name of **Associated Environmental, Inc.**..... Signature *[Signature]*

FULL SITE SURVEY

CONOCO FOOD MART

City of Topeka, Shawnee County, Kansas

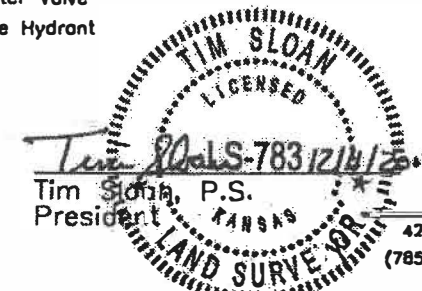
Point	North Coordinate	East Coordinate	Distance SE Cor. North	From Sec. 20 West	* Elev. Top of Rim or PK Nail	Elev. Top of PVC Pipe	Latitude North	Longitude West
SE Cor. Sec. 20-T11S-R16E	5000	5000						
Well - M.W. - 1	10176.74	2061.80	5176.74	2938.20	873.17	872.70	39.08742	95.66056
Well - M.W. - 2	10183.14	2143.06	5183.14	2856.94	873.77	873.50	39.08744	95.66027
Well - M.W. - 4	10203.42	2044.13	5203.42	2955.87	873.43	873.04	39.08749	95.66062
Well - M.W. - 5	10116.11	2142.81	5116.11	2857.19	873.21	872.84	39.08725	95.66027
Well - M.W. - 8	10089.86	2031.31	5089.86	2988.69	873.11	872.74	39.08718	95.66066
Well - M.W. - 9	10233.19	2099.68	5233.19	2900.32	873.44	872.99	39.08757	95.66042
Well - M.W. - 10	10127.57	2052.78	5127.57	2947.22	873.23	872.75	39.08728	95.66059
Well - M.W. - 11	10177.51	2261.95	5177.51	2738.05	874.05	873.56	39.08742	95.65985
Well - M.W. - 12	10100.47	2257.05	5100.47	2742.95	873.38	873.09	39.08721	95.65987
Well - M.W. - 13	10211.79	2083.28	5211.79	2916.72	873.09	872.78	39.08754	95.66048
Well - M.W. - 14	10181.77	2117.44	5181.77	2882.56	873.34	873.06	39.08749	95.66062
Well - M.W. - 15	10177.15	2020.82	5177.15	2979.18	872.70	872.42	39.08739	95.66072
Well - ASW1	10206.79	2115.65	5206.79	2884.35	873.35	872.86	39.08747	95.66038
Well - ASW2	10181.59	2124.97	5181.59	2875.03	873.31	873.11	39.08743	95.66033
Well - ASW3	10151.57	2125.72	5151.57	2874.28	873.27	872.95	39.08735	95.66033
Well - ASW4	10214.99	2039.92	5214.99	2960.08	873.18	872.76	39.08752	95.66063
Well - ASW5	10220.57	2078.18	5220.57	2921.84	872.92	872.70	39.08754	95.66050
Well - ASW6	10217.40	2097.18	5217.40	2902.82	873.18	873.02	39.08753	95.66043
Well - ASW7	10199.11	2056.60	5199.11	2943.40	872.88	872.67	39.08748	95.66057
Well - ASW8	Well ASW8 covered by steel plate of firm of survey. Will attempt to locate at another time.							
Well - ASW9	10184.88	2038.37	5184.88	2961.63	872.89	872.60	39.08744	95.66064
Well - ASW10	10174.37	2055.63	5174.37	2944.37	873.14	872.86	39.08741	95.66058
Well - ASOBW1	10193.24	2121.87	5193.24	2878.13	873.42	873.03	39.08738	95.66043
Well - SVE1	10208.27	2104.21	5208.27	2895.79	873.30	872.94	39.08746	95.66041
Well - SVE2	10190.22	2125.23	5190.22	2874.77	873.43	873.15	39.08746	95.66033
Well - SVE3	10155.60	2124.89	5155.60	2875.11	873.31	873.12	39.08736	95.66033
Well - SVE4	10176.40	2039.01	5176.40	2980.99	872.97	872.66	39.08742	95.66064
Well - SVE5	10226.90	2052.56	5226.90	2947.44	873.06	872.66	39.08756	95.66059
Well - SVE6	10189.07	2056.53	5189.07	2943.47	873.04	872.69	39.08745	95.66057
Well - VOBW1	10215.59	2110.77	5215.59	2889.23	873.31	873.00	39.08748	95.66039
Site B.M.	10108.93	2143.66	5108.93	2856.34	B.M. Elev. = 873.15			

Description: "□" Square cut on back of curb on north side of east drive.

LEGEND

- ⊙ - Site Bench Mark
- MW1 ⊙ - Monitoring Well
- SVE1 ⊙ - Soil Vapor Extraction Well
- VOBW1 ⊙ - Vapor Observation Well
- ASW1 ⊙ - Air Spurge Well
- ASOBW1 ⊙ - Air Spurge Observation Well
- PP/LP W/ UGE & CTV ⊙ - Power Pole/Light Pole w/ UG Electric & Cable TV
- PP/LP W/3T UGE & CTV ⊙ - Power Pole/Light Pole w/ 3 Transformers UG Electric & Cable TV
- - Deadman Anchor
- ⊙ - Light Pole
- ⊙ - Electric Manhole
- ⊙ - Traffic Signal Light
- WM ⊙ - Water Meter
- WV ⊙ - Water Valve
- ⊙ - Fire Hydrant
- GM ⊙ - Gas Meter
- ⊙ - Telephone Pedestal
- FO ⊙ - Fiber Optic Locator Sign
- ⊙ - Bollard
- - Drainage Direction
- OE - Overhead Power Line
- e — - Underground Electric Line
- v — - Water Line
- g — - Gas Line
- ss — - Sanitary Sewer Line
- T — - Underground Telephone Line
- FO — - Underground Fiber Optic Line
- - - - - Trench Line

SCALE: 1"=30'



SMH
CONSULTANTS

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SHAWNEE CO

20-11-10E

