

WATER WELL RECORD Form WWC-5

Division of Water Resources App. No.

AWS4

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 |
|--|-------------------------------------|-----------------------------|----------------------------------|--|

| | |
|--|---|
| 2 WELL OWNER: Last Name: Topeka Conoco Food Mart Business: Topeka Conoco Food Mart Address: 2045 N. Kansas Ave Address: City: Topeka State: KS ZIP: 66617 | First: _____ 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 |
|--|---|

| | | |
|---|---|---|
| 3 LOCATE WELL WITH "X" IN SECTION BOX: | 4 DEPTH OF COMPLETED WELL: 35 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: 8.25 in. to 35 ft. and in. to ft. | 5 Latitude: 38.08752(decimal degrees) Longitude: 95.66063(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: 872.76ft. <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 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 type="checkbox"/> Monitoring: well ID 9. Environmental Remediation: well ID ASW4 <input checked="" 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 **2** in. to **33** 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 **33** ft. to **35** ft., From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From **32** ft. to **35** ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other
 Grout Intervals: From **1** ft. to **32** 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 Scapeage Pit Feedyard Fertilizer Storage Oil Well/Gas Well
 Other (Specify) **Trust Fund site U4-089-14545**.....
 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 | 4.5 | Silty Clay, dk grey, med. stiff | | | |
| 4.5 | 20 | Silt, gry to dk gry | | | |
| 20 | 35 | Sand, very fine becoming med. to crse | | | |
| 35 | 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) **8-16-2017**..... 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]*
 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**

FULL SITE SURVEY

CONOCO FOOD MART

City of Topeka, Shawnee County, Kansas

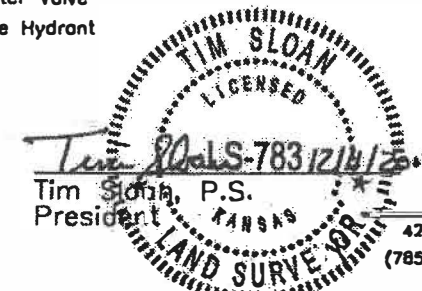
| Point | North Coordinate | East Coordinate | Distance SE Cor. North | From Sec. 20 West | * Elev. Top of Rim or PK Nail | Elev. Top of PVC Pipe | Latitude North | Longitude West |
|---------------------------|---|-----------------|------------------------|-------------------|-------------------------------|-----------------------|----------------|----------------|
| 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

