

WATER WELL RECORD

Form WWC-5

Original Record  Correction  Change in Well Use

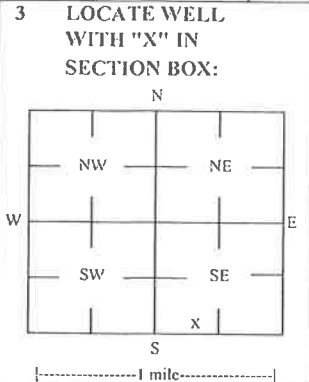
Division of Water Resources App. No.

Well ID

MW6

1 LOCATION OF WATER WELL: County Sedgwick Fraction SW 1/4 SE 1/4 SW 1/4 SE 1/4 Section Number 6 Township Number T 27 S Range Number R 1 E W

2 WELL OWNER: Last Name: 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: ~90' N-NW of 1705 w 21st St., Wichita, KS



3 LOCATE WELL WITH 'X' IN SECTION BOX: 4 DEPTH OF COMPLETED WELL: 23 ft. Depth(s) Groundwater Encountered: 1) 23 ft. 2) 3) 4) Dry Well. WELL'S STATIC WATER LEVEL: 16.16 ft. below land surface, measured on (mo-day-yr) 7/9/20.

5 Latitude: 37.72286 (decimal degrees) Longitude: 97.36033 (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

7 WELL WATER TO BE USED AS: 1 Domestic:  Household  Lawn & Garden  Livestock  Irrigation  Feedlot  Industrial 5  Public Water Supply: well ID 6  Dewatering: how many wells? 7  Aquifer Recharge: well ID 8  Monitoring: well ID MW6 9 Environmental Remediation: well ID  Air Sparge  Soil Vapor Extractor  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  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 8 ft. Diameter in. to ft. Diameter in. to ft. Casing height above land surface -0.30 in. Weight lbs./ft. Well thickness or gauge No 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 8 ft. to 23 ft. From ft. to ft. From ft. to ft. GRAVEL PACK INTERVALS: From 6 ft. to 24 ft. From ft. to ft. From ft. to ft.

9 GROUT MATERIAL:  Neat cement  Cement grout  Bentonite  Other Concrete: 0-0.3' Grout intervals: From 0.3 ft. to 6 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? Unknown Distance from well? Unknown ft

| 10 FROM | TO   | LITHOLOGIC LOG                    | FROM | TO | LITHO. LOG (cont.) or PLUGGING INTERVALS |
|---------|------|-----------------------------------|------|----|--|
| 0       | 1    | Silt                              |      |    |  |
| 1       | 4    | Silty sand                        |      |    |  |
| 4       | 8    | Silty clay                        |      |    |  |
| 8       | 8.5  | Clay                              |      |    |  |
| 8.5     | 11.5 | Clayey silt                       |      |    |  |
| 11.5    | 13   | Sand                              |      |    |  |
| 13      | 13.5 | Sand w/ silt                      |      |    |  |
| 13.5    | 24   | Coarse sand, trace gravel at base |      |    |  |

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was  constructed,  reconstructed, or  plugged under my jurisdiction and was completed on (mo-day-yr) 7/8/20 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No 757 This Water Well Record was completed on (mo-day-yr) 8/17/20 under the business name of Larsen & Associates, Inc. Signature

# DENNIS L HANDKE

1820 NW 59th Terrace  
TOPEKA, KANSAS 66618  
785-286-4047 Home

Jess Chapman  
Larsen & Associates  
1311 E. 25<sup>th</sup> Street, Suite B  
Lawrence, Kansas, 66046

July 29, 2020

RE: Monitor Well Elevation Survey  
1705 W. 21<sup>st</sup>. St. Wichita, Kansas

Proj. 20-00KK  
Herman Oil  
U2-087-15223

Bench Mark: Chisled Square on NE corner of concrete sign base at NE corner of property.  
Elev: 1313.49      North 5312      West 1668      (from SE Cor. Sec. 7-27-1E)

|      |          |         |       |      |  |
|------|----------|---------|-------|------|--|
| MW-1 | rim      | 1314.03 | North | 5203 | NW1/4,NE1/4,NW1/4,NE1/4                |
|      | top pipe | 1313.74 | West  | 1664 | Lat= 37.72222    Long = 97.35768       |
| MW-2 | rim      | 1313.93 | North | 5251 | NW1/4,NE1/4,NW1/4,NE1/4                |
|      | top pipe | 1313.64 | West  | 1663 | Lat= 37.72236    Long = 97.35968       |
| MW-3 | rim      | 1314.74 | North | 5238 | NW1/4,NE1/4,NW1/4,NE1/4                |
|      | top pipe | 1314.44 | West  | 1801 | Lat= 37.72232    Long = 97.36016       |
| MW-4 | rim      | 1314.73 | North | 5119 | NW1/4,NE1/4,NW1/4,NE1/4                |
|      | top pipe | 1314.46 | West  | 1715 | Lat= 37.72199    Long = 97.35986       |
| MW-5 | rim      | 1315.01 | North | 5050 | NE1/4,NE1/4,NW1/4,NE1/4                |
|      | top pipe | 1314.79 | West  | 1581 | Lat= 37.72181    Long = 97.35940       |
| MW-6 | rim      | 1314.04 | North | 5436 | SW1/4,SE1/4,SW1/4,SE1/4 (Sec. 6-27-1E) |
|      | top pipe | 1313.74 | West  | 1850 | Lat= 37.72286    Long = 97.36033       |
| MW-7 | rim      | 1314.20 | North | 5266 | NE1/4,NE1/4,NW1/4,NE1/4                |
|      | top pipe | 1313.80 | West  | 1573 | Lat= 37.72240    Long = 97.35937       |
| MW-8 | rim      | 1314.30 | North | 5166 | NE1/4,NE1/4,NW1/4,NE1/4                |
|      | top pipe | 1314.03 | West  | 1566 | Lat= 37.72212    Long = 97.35934       |

Lat & Long derived from Wichita East 7.5' quad map. WGS 84.

Elevation established from City of Wichita BM 21<sup>st</sup> & Benjamin. NAVD 88

If you have any questions, please feel free to call me. Thank you for the opportunity to be of service to you.

Dennis L Handke R.L.S.

July 29, 2020

U-735

Dennis L Handke

LAND SURVEYOR

RECEIVED

SEP 02 2020

BUREAU OF WATER

Sedgwick

6-27-1E  
7-27-1E

NOTE: Figures exhibited within this report are only to be used within the context of this report. Placement of property lines, wells, structures, and roads is based on the available information from county appraiser maps, surveys, site visits, and/or previous vendor reports and should be considered approximate.

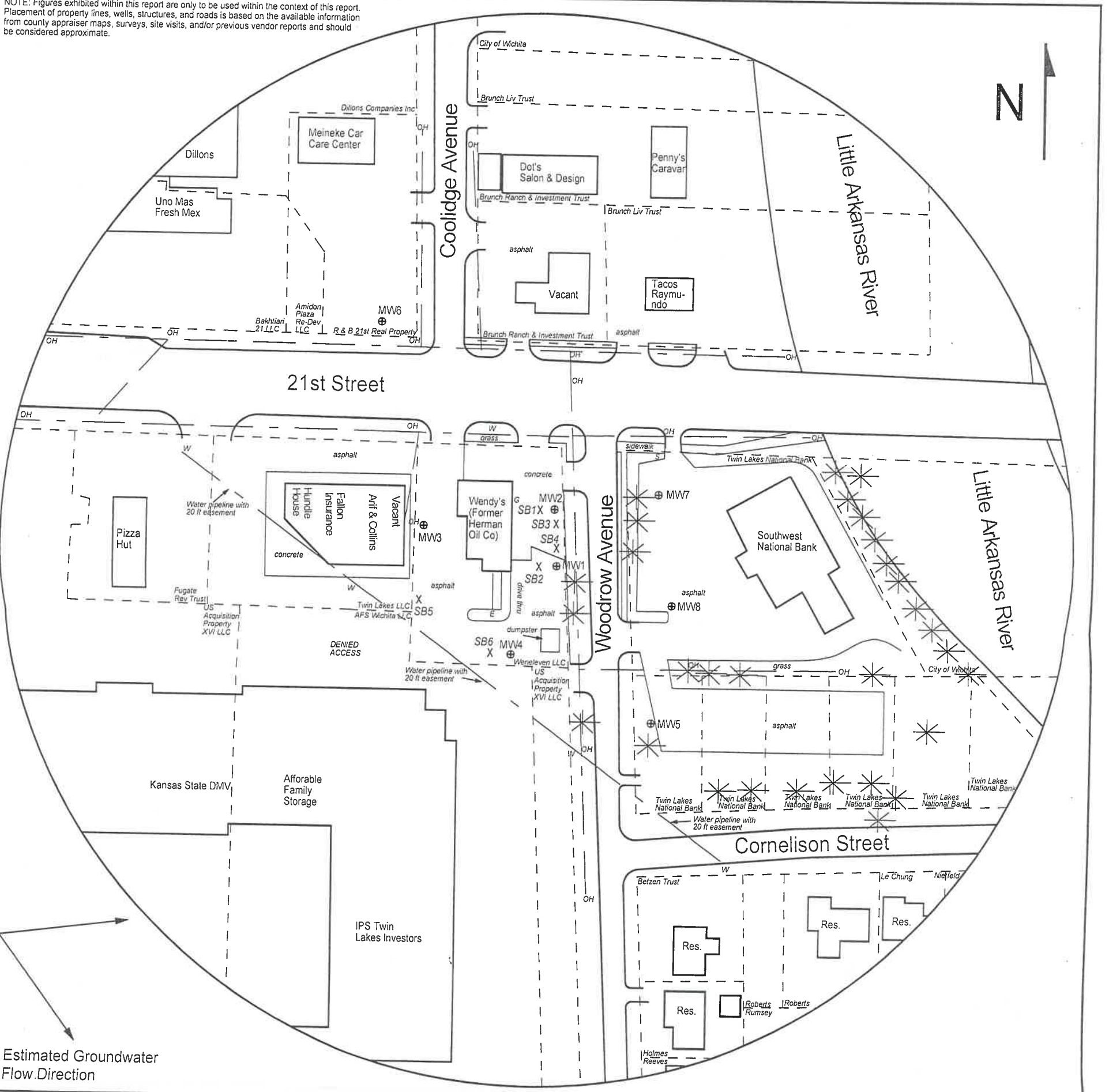


FIGURE 2.2 - 500 FT RADIUS AREA BASE MAP

LEGEND

- - - - - Approximate Location of Property Line
- ⊕ Monitoring Well (Installed 7/6-9/20)
- X Soil Boring (Drilled 7/8-9/20)
- G Gas Meter
- s Sewer Inlet
- E - - - - - Electric Lines (1.5 - 3 ft bgs)
- OH - - - - - Overhead Lines (25'-40' high)
- W - - - - - Water Lines (1.5 - 3 ft bgs)

NOTE: SB5 & SB6 will be drilled to collect hydrologic samples.  
NOTE: Utility depths, heights and locations are approximate.



PROJECT:  
Herman Oil Co.  
1705 W. 21st St.  
Wichita, KS  
KDHE ID: U2-087-15223  
Date: 7/9/20



1311 E 25th St., Suite B 785-841-8707 office  
Lawrence, KS 66046 785-865-4282 fax