

WATER WELL RECORD

Form WWC-5

Division of Water

Resources App. No.

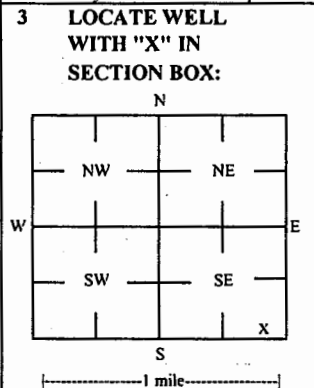
Well ID

MW5

Original Record  Correction  Change in Well Use

1 LOCATION OF WATER WELL: County Labette Fraction SW 1/4 SE 1/4 SE 1/4 SE 1/4 Section Number 14 Township Number T 31 S Range Number R 19  E  W

2 WELL OWNER: Last Name: Business: KDHE Address: 1000 SW Jackson Blvd City Topeka State: KS ZIP: 66612 Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): 3209 Main St., Parsons, KS



3 LOCATE WELL WITH "X" IN SECTION BOX: 4 DEPTH OF COMPLETED WELL: 20 ft Depth(s) Groundwater Encountered: 1) 1 ft 2) ft 3) ft, or 4)  Dry Well WELL'S STATIC WATER LEVEL: 8.27 ft  below land surface, measured on (mo-day-yr) 10/17/18  above land surface, measured on (mo-day-yr) Pump test data: Well water was ft after hours pumping gpm Water well was ft after hours pumping gpm Estimated Yield: gpm Bore Hole Diameter: 7.25 in to ft, and in to ft

5 Latitude: 37.34041 (decimal degrees) Longitude: 95.28707 (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

6 Elevation 901.01 ft  Ground Level  TOC Source  Land Survey  GPS  Topographic Map  Other

7 WELL WATER TO BE USED AS: 1 Domestic:  Household  Lawn & Garden  Livestock  Irrigation  Feedlot  Industrial 2  Public Water Supply: well ID 3  Dewatering: how many wells? 4  Aquifer Recharge: well ID 5  Monitoring: well ID MW5 6  Air Sparge  Soil Vapor Extractor  Recovery  Injection 7  Environmental Remediation: well ID 8  Oil Field Water Supply: lease 9  Test Hole: well ID:  Cased  Uncased  Geotechnical 10  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 10 ft, Diameter in. to ft, Diameter in. to ft, Casing height above land surface -0.40 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 10 ft. to 20 ft, From ft. to ft, From ft. to ft, GRAVEL PACK INTERVALS: From 8 ft. to 20 ft, From ft. to ft, From ft. to ft,

9 GROUT MATERIAL:  Neat cement  Cement grout  Bentonite  Other Concrete: 0-0.7' Grout intervals: From 0.7 ft. to 8 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? W Distance from well? ~160 ft

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	0.3	Asphalt			
0.3	12.5	Silty clay			
12.5	20	Limestone			

Notes: KDHE ID: Vacant Lot; U3-050-14924 Target of monitoring well is shallow groundwater, <20' of grout was installed at the direction of KDHE.

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) 9/6/18 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-year) 11/6/18 under the business name of Larsen & Associates, Inc. Signature

# DENNIS L HANDKE

1820 NW 59th Terrace  
TOPEKA, KANSAS 66618  
785-286-4047 Home  
785-286-1990 Fax

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

October 22, 2018

RE: Monitor Well Elevation Survey  
3130 Main St., Parsons, Kansas

Proj. 18-00FF  
Vacant Lot  
KDHE ID U3-050-14216

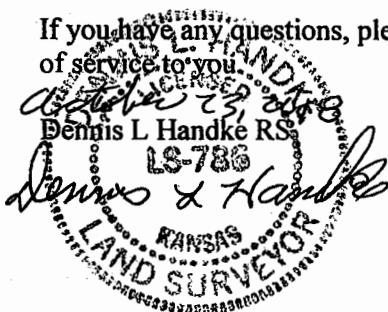
Bench Mark: Chisled Sq. on top concrete floor South end of center storage unit adjacent to vacant lot.

Elev: 901.95	North 78.97	West 554.86	(from SE Cor. Sec. 14-31-19E)	
MW-1	rim 899.79	North 44.17	SW1/4,SE1/4,SE1/4,SE1/4	
	top pipe 899.27	West 664.31	Lat = 37.34032 Long = 95.28767	
MW-2	rim 899.93	North 57.72	SW1/4,SE1/4,SE1/4,SE1/4	
	top pipe 899.51	West 713.06	Lat = 37.34036 Long = 95.28784	
MW-3	rim 900.98	North 130.36	SW1/4,SE1/4,SE1/4,SE1/4	
	top pipe 900.58	West 641.58	Lat = 37.34056 Long = 95.28759	
MW-4	rim 899.94	North 284.12	SE1/4,SW1/4,SE1/4,SE1/4	
	top pipe 899.43	West 675.33	Lat = 37.34098 Long = 95.28771	
MW-5	rim 901.41	North 74.09	SW1/4,SE1/4,SE1/4,SE1/4	
	top pipe 901.01	West 488.98	Lat = 37.34041 Long = 95.28707	
MW-6	rim 901.40	South 43.11	NW1/4,NE1/4,NE1/4,NE1/4 (Sec. 22-31-19E)	
	top pipe 901.02	West 464.58	Lat = 37.34009 Long = 95.28698	
MW-7	rim 900.29	South 69.69	NW1/4,NE1/4,NE1/4,NE1/4 (Sec. 22-31-19E)	
	top pipe 899.99	West 562.37	Lat = 37.34001 Long = 95.28731	

Elevation derived from USGS BM Z 54. NAVD 88

Lat & Long derived from Parsons West 7.5 Quad Map WGS84.

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



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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.

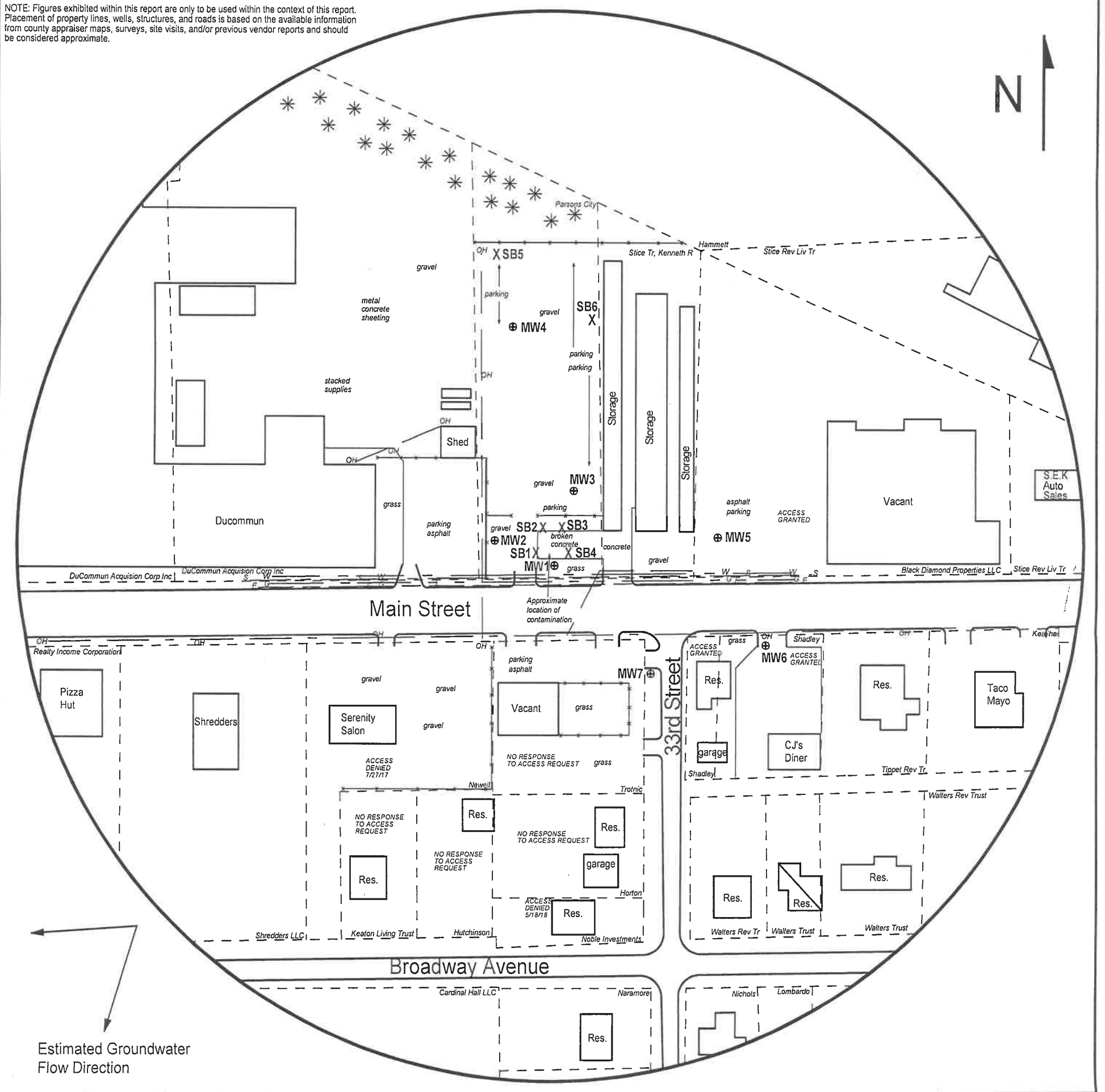


FIGURE 2.2 - 500 FT RADIUS AREA BASE MAP

**LEGEND:**

- Building with Basement
- Approximate Location of Property Line
- Monitoring Well (Installed 9/4-6/18)
- Soil Boring (Drilled 4/8/17)
- Electric Lines (2 - 6 ft BGS)
- Gas Lines (2 - 6 ft BGS)
- Overhead Lines (25-40 ft high)
- Sewer Lines (2 - 6 ft BGS)
- Water Lines (2 - 6 ft BGS)

NOTE: Utility depths, heights and locations are approximate.  
 NOTE: SB5 & SB6 were drilled to collect hydrologic samples.  
 NOTE: The location of the former UST basin, pump island and product lines is unknown.



**PROJECT:**  
 Vacant Lot  
 3307 Main Street  
 Parsons, KS  
 KDHE ID: U3-050-14924  
 Date: 10/17/18



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

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