

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

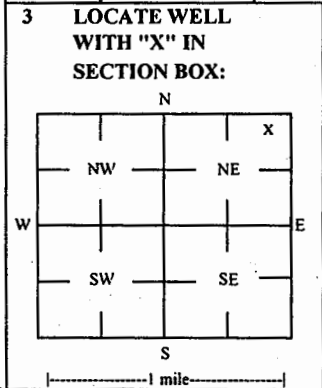
Well ID

MW7

Original Record Correction Change in Well Ust

1 LOCATION OF WATER WELL: County Labette Fraction NW 1/4 NE 1/4 NE 1/4 NE 1/4 Section Number 22 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): 3300 Main St., Parsons, KS



3 LOCATE WELL WITH 'X' IN SECTION BOX: 4 DEPTH OF COMPLETED WELL: 19 ft Depth(s) Groundwater Encountered: 1) 19 ft 2) ft 3) ft, or 4) Dry Well WELL'S STATIC WATER LEVEL: 9.29 ft X below land surface, measured on (mo-day-yr) 10/17/18

5 Latitude: 37.34001 (decimal degrees) Longitude: 95.28731 (decimal degrees) Horizontal Datum: WGS 84 NAD 83 NAD 27 Source for Latitude/Longitude: GPS (unit make/model:) (WAAS enabled? Yes No) X Land Survey Topographic Map Online Mapper 6 Elevation 899.99 ft Ground Level X TOC Source X 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 MW7 6 Environmental Remediation: well ID Air Sparge Recovery Soil Vapor Extractor Injection 7 Oil Field Water Supply: lease 8 Test Hole: well ID Cased Uncased Geotechnical 9 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 X No If yes, date sample was submitted: Water well disinfected? Yes No X No

8 TYPE OF CASING USED: Steel PVC X Other CASING JOINTS: Glued Clamped Welded X Threaded Casing diameter 2 in. to 9 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 X PVC Other (Specify) Brass Galvanized Steel Concrete tile None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot X 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 9 ft. to 19 ft, From ft. to ft, From ft. to ft, GRAVEL PACK INTERVALS: From 7 ft. to 19 ft, From ft. to ft, From ft. to ft,

9 GROUT MATERIAL: Neat cement Cement grout X Bentonite X Other Concrete: 0-0.7' Grout intervals: From 0.7 ft. to 7 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 X Fuel Storage Abandoned Water Well Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well / Gas Well Other (Specify)

Direction from well? NW Distance from well? ~150 ft

Table with columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows: 0-0.3 Asphalt, 0.3-0.7 Limestone gravel, 0.7-13 Silty clay, 13-19 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 X constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year) 9/5/18 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. 25th 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

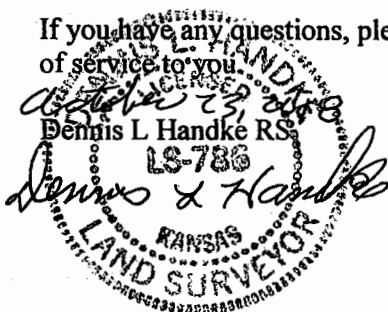
Bench Mark: Chisled Sq. on top concrete floor South end of center storage unit adjacent to vacant lot.

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.

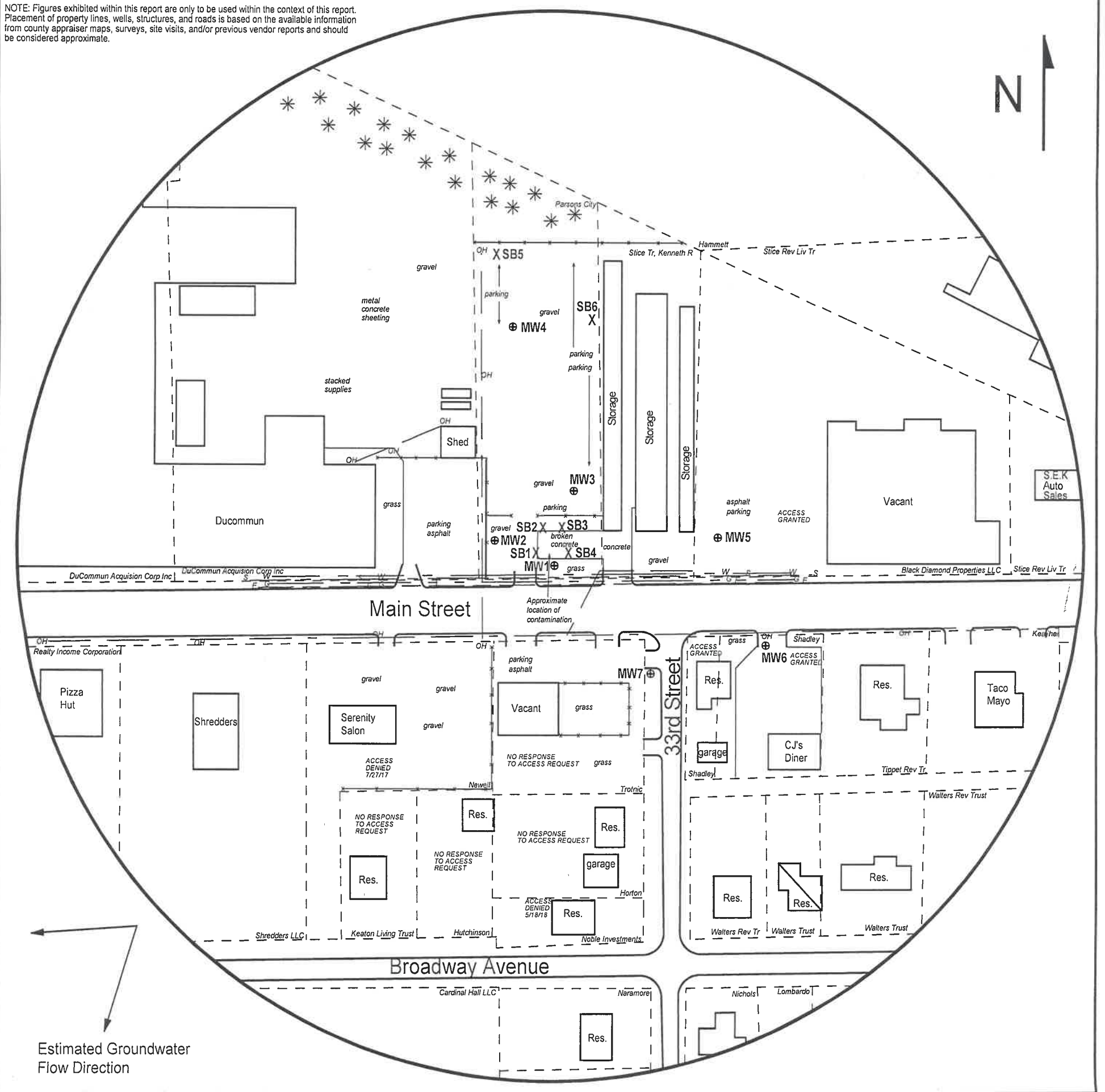


FIGURE 2.2 - 500 FT RADIUS AREA BASE MAP

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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