

WATER WELL RECORD

Form WWC-5

Division of Water

Resources App. No.

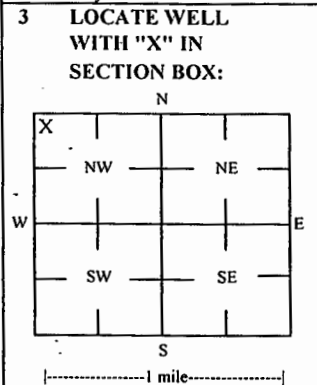
Well ID

MW1R

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County Allen Fraction NW 1/4 NW 1/4 NW 1/4 NW 1/4 Section Number 35 Township Number T 24 S Range Number R 18 E W

2 WELL OWNER: Last Name: Eckert First: Kipp Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): 201 S. State St, Iola, KS



4 DEPTH OF COMPLETED WELL: 23 ft Depth(s) Groundwater Encountered: 1) 23 ft 2) ft 3) ft, or 4) Dry Well WELL'S STATIC WATER LEVEL: 16.25 ft

5 Latitude: 37.92123 (decimal degrees) Longitude: 95.40883 (decimal degrees) Horizontal Datum: WGS 84 NAD 83 NAD 27

6 Elevation: 960.88 ft Ground Level TOC Source: Land Survey GPS Topographic Map Other

7 WELL WATER TO BE USED AS: 1 Domestic: Household Lawn & Garden Livestock 2 Irrigation 3 Feedlot 4 Industrial 5 Public Water Supply: well ID 6 Dewatering: how many wells? 7 Aquifer Recharge: well ID 8 Monitoring: well ID MW1R 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 23 ft, From ft. to ft, From ft. to ft,

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other Concrete: 0-1' Grout intervals: From 1 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? E-SE Distance from well? ~25 ft

Table with 5 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Row 1: 0, 2, Topsoil; silty clay, gravel, roots, , , . Row 2: 2, 18, Silty clay, , , . Row 3: 18, 23, Silty clay, lots of limestone gravels, , , .

Notes: KDHE ID: Kerr McGee #121-7330; U3-001-00076 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) 12/1/20 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-year) 1/13/21 under the business name of Larsen & Associates, Inc. Signature

Allen County

S 35 T 24 R 12E

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

December 15, 2020
Revised January 8, 2021

RE: Monitor Well Elevation Survey
201 S. State Street, Iola, Kansas

Proj. 20-00EEE
Kerr McGee #121-7330
KDHE ID U3-001-00076

Bench Mark: Chisled Sq. on SW corner of concrete storm sewer inlet near the NW Corner of property.

Elev: 961.06 North 5007.53 West 5220.83 (from SE Cor. Sec. 35-24-18E)

MW-1R rim 961.18 North 4972.30 NW1/4,NW1/4,NW1/4,NW1/4
 top pipe 960.88 West 5197.32 Lat = 37.92123 Long = 95.40883

MW-2R rim 961.08 North 4976.99 NW1/4,NW1/4,NW1/4,NW1/4
 top pipe 960.79 West 5223.48 Lat = 37.92124 Long = 95.40892

MW-3R rim 960.87 North 4923.58 SW1/4,NW1/4,NW1/4,NW1/4
 top pipe 960.56 West 5225.28 Lat = 37.92109 Long = 95.40892

MW-4R rim 960.42 North 4874.12 SW1/4,NW1/4,NW1/4,NW1/4
 top pipe 959.97 West 5225.75 Lat = 37.92096 Long = 95.40893

MW-5R rim 961.03 North 4876.64 SW1/4,NW1/4,NW1/4,NW1/4
 top pipe 960.55 West 5188.22 Lat = 37.92096 Long = 95.40880

MW-6R rim 961.17 North 4947.11 NW1/4,NW1/4,NW1/4,NW1/4
 top pipe 960.91 West 5201.86 Lat = 37.92116 Long = 95.40884

MW-7R rim 961.59 North 4987.98 NW1/4,NW1/4,NW1/4,NW1/4
 top pipe 961.27 West 5146.21 Lat = 37.92127 Long = 95.40865

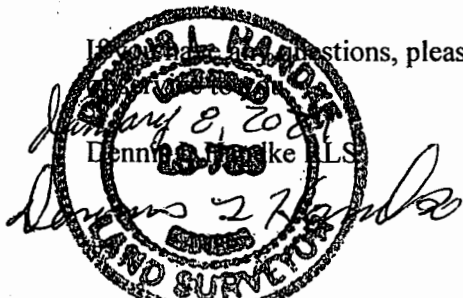
MW-8R rim 961.65 North 4995.76 NW1/4,NW1/4,NW1/4,NW1/4
 top pipe 961.34 West 5185.10 Lat = 37.92129 Long = 95.40878

MW-10R rim 962.16 North 4996.62 NW1/4,NW1/4,NW1/4,NW1/4
 top pipe 961.86 West 5114.05 Lat = 37.92129 Long = 95.40854

Elevation derived from FIMA BM R-4. NAVD 88.

Lat & Long derived from Iola 7.5 Quad Map WGS84.

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



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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.

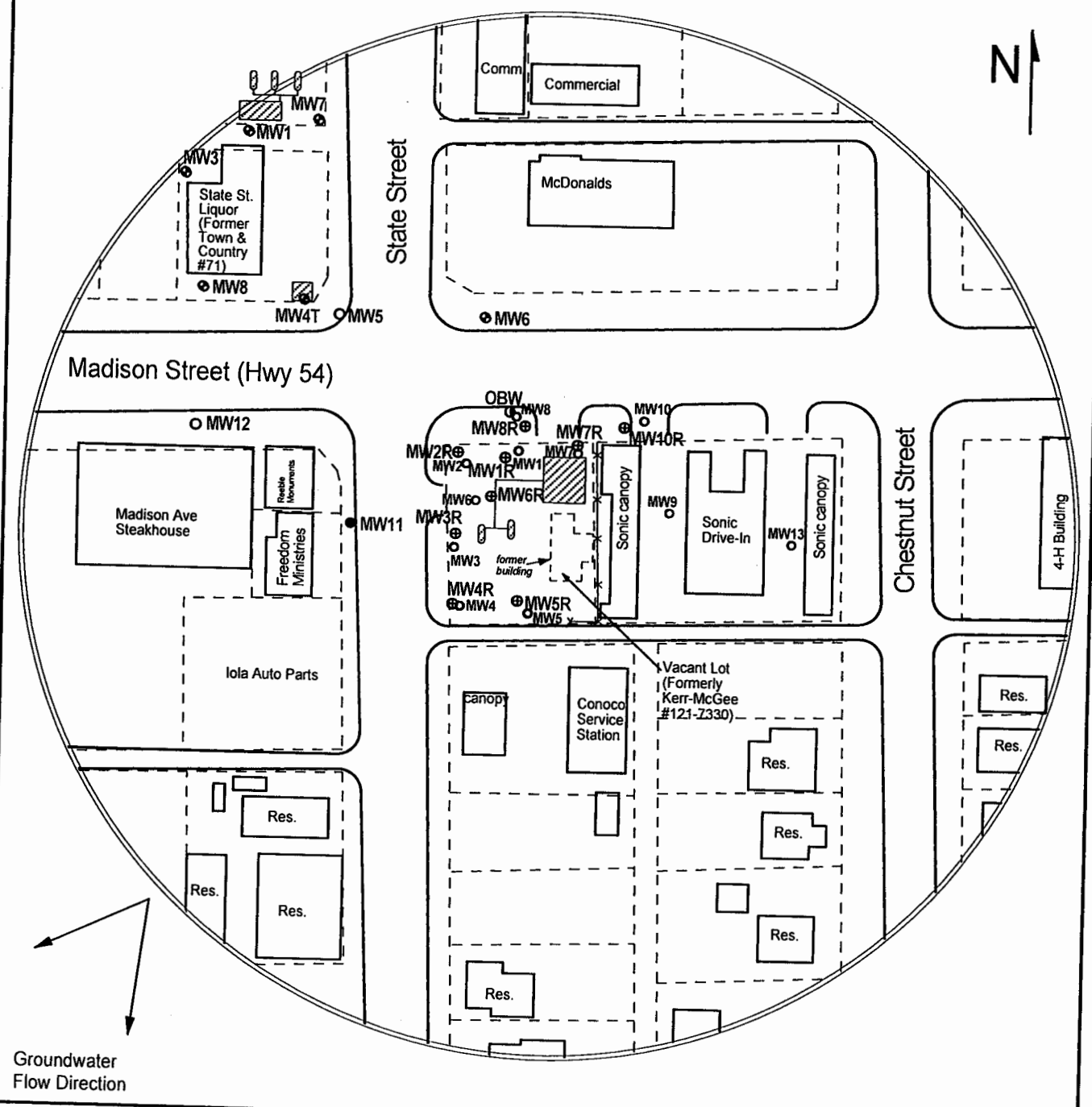


FIGURE 1 - 350 FT SITE BASE MAP



PROJECT:
 Kerr McGee #121-7330
 201 S. State Street
 Iola, KS
 KDHE ID: U3-001-00076
 Date: 11/30/20-12/1/20



LEGEND:

- Approximate Location of Former UST Basin, Product Lines, and Pump Islands
- Approximate Location of Property Lines
- Monitoring Well
- Monitoring Well nearby site Town & Country #71 #U3-001-00583
- Observation Well
- Monitoring Well (Installed 11/30/20, 12/1/20)
- Plugged Monitoring Well

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