

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

Well ID

MW11

Original Record Correction Change in Well Ust

1 LOCATION OF WATER WELL: County Douglas Fraction NW 1/4 NE 1/4 NE 1/4 NE 1/4 Section Number 4 Township Number T 15 S Range Number R 20 E W

2 WELL OWNER: Last Name: Business: KDHE (McMillian Oil) Address: 1000 SW Jackson Address: City Topeka State: KS ZIP: 66612 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: ~125' SE of 719 Ames St, Baldwin, KS

3 LOCATE WELL WITH "X" IN SECTION BOX: NW NE SW SE

4 DEPTH OF COMPLETED WELL: 15 ft Depth(s) Groundwater Encountered: 1) 15 ft 2) ft 3) ft or 4) Dry Well WELL'S STATIC WATER LEVEL: Dry ft. below land surface, measured on (mo-day-yr) 12/14/22

5 Latitude: 38.78161 (decimal degrees) Longitude: 95.18761 (decimal degrees) Horizontal Datum: X 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 1060.61 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 MW11 6 Environmental Remediation: well ID Air Sparge Soil Vapor Extractor Recovery 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 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 5 ft, Diameter in. to ft, Diameter in. to ft, Casing height above land surface -0.44 in. Weight lbs./ft. Well thickness or gauge No TYPE OF SCREEN OR PERFORATION MATERIAL: Steel Stainless Steel Fiberglass PVC 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 5 ft. to 15 ft. From ft. to ft. From ft. to ft. GRAVEL PACK INTERVALS: From 3 ft. to 15 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 3 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? NW Distance from well? ~185' ft

Table with columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows: 0-1.5 Topsoil, 1.5-7.5 Weathered shale clay, 7.5-15 Weathered shale.

Notes: KDHE ID: McMillian Oil; A4-023-40177 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) 12/12/22 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) under the business name of Larsen & Associates, Inc. Signature

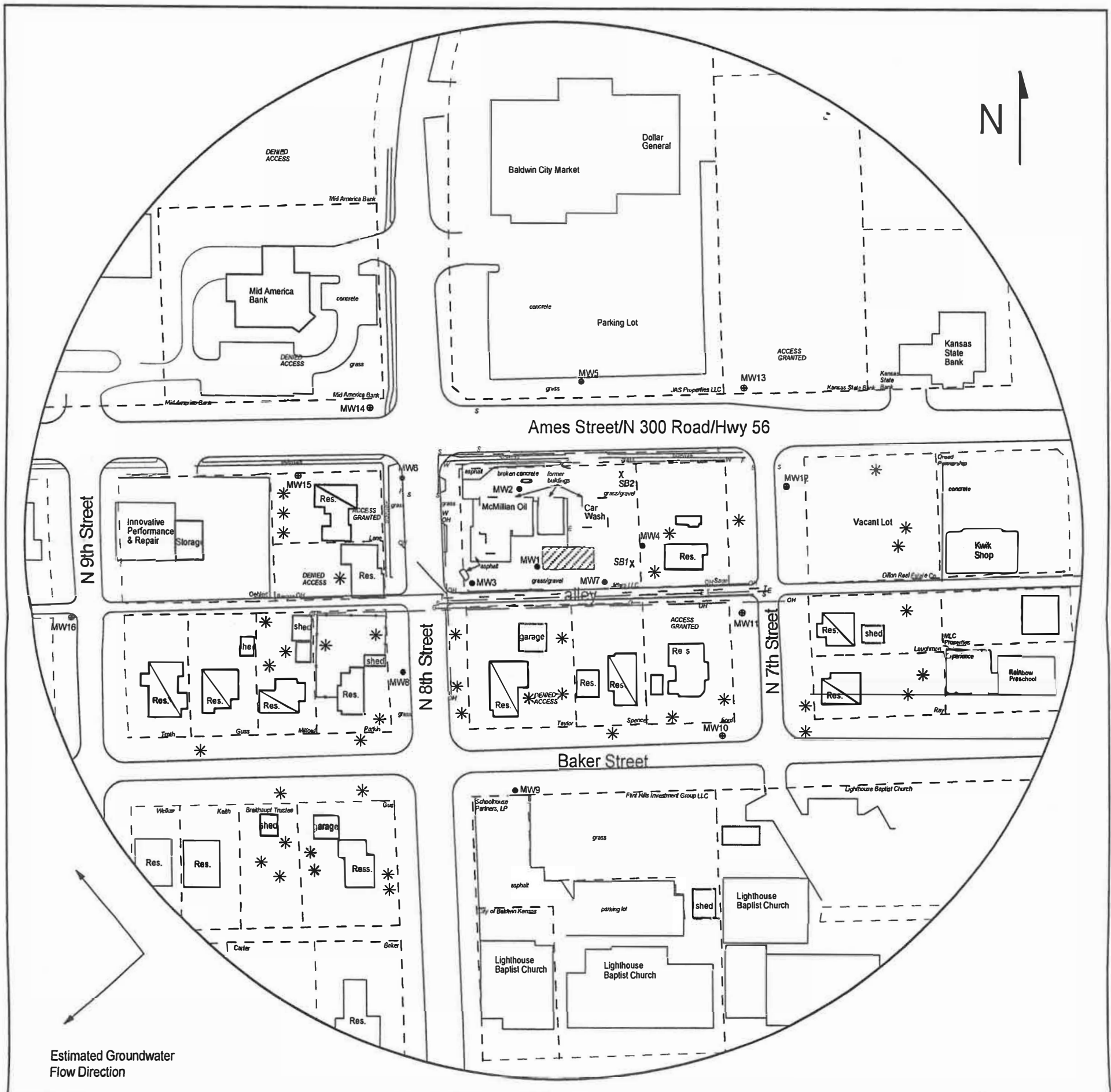


FIGURE 2.2 - 600 FT RADIUS AREA BASE MAP

**LEGEND**

Douglas County

T. 15 R. 20E

Sec. 4

T. 14 Rge. 20E

Sec. 33



**larsen**  
& ASSOCIATES, INC.

1311 E 25th St., Suite B  
Lawrence, KS 66046

785-841-8707 office  
785-865-4282 fax

**PROJECT:**

McMillian Oil  
719 Ames St.  
Baldwin, KS  
KDHE ID: A4-023-40177  
Date: 12/14/22



- Approximate Location of Former AST Basins and Pump Island
- Building with Basement
- Approximate Location of Property Line
- Existing Monitoring Well
- New Monitoring Well (Installed 12/12-14/22)
- Soil Boring (Drilled 10/22/20)
- Fire Hydrant
- Electric Lines (1.5 - 3 ft bgs)
- Overhead Lines (25'-40' high)
- Sewer Lines (2 - 6 ft bgs)
- Telephone Lines (2 - 6 ft bgs)
- Water Lines (2 - 6 ft bgs)

NOTE: SB1 & SB2 were drilled to collect hydrologic samples.  
NOTE: Utility depths, heights and locations are approximate.

# 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

T. 15 Rge. 20E Sec. 4

December 23, 2022

T. 14 Rge. 20E Sec. 33  
Douglas County

RE: Monitor Well Elevation Survey  
719 Ames St., Baldwin, Kansas

Proj. 22-00TTT  
McMillian Oil  
A4-023-40177

Bench Mark: Rivet and washer on North center of concrete storm in let near Northwest corner of property.  
Elev: 1049.92      North 5303.13      West 616.87      (from SE Cor. Sec. 4-15-20E)

MW-10 rim	1059.47	North	4963.00	NW1/4,NE1/4,NE1/4,NE1/4
top pipe	1058.86	West	365.63	Lat= 38.78124 Long = 95.18778
MW-11 rim	1061.05	North	5100.08	NW1/4,NE1/4,NE1/4,NE1/4
top pipe	1060.61	West	314.51	Lat= 38.78161 Long = 95.18761
MW-12 rim	1055.46	North	5229.34	NE1/4,NE1/4,NE1/4,NE1/4
top pipe	1055.06	West	258.80	Lat= 38.78197 Long = 95.18742
MW-13 rim	1052.29	North	5376.45	SE1/4,SE1/4,SE1/4,SE1/4 (Sec 33-14-20E)
top pipe	1051.85	West	293.98	Lat= 38.78237 Long = 95.18754
MW-14 rim	1044.88	North	5361.30	SW1/4,SE1/4,SE1/4,SE1/4 (Sec 33-14-20E)
top pipe	1044.65	West	737.26	Lat= 38.78232 Long = 95.18910
MW-15 rim	1042.45	North	5288.96	NE1/4,NW1/4,NE1/4,NE1/4
top pipe	1041.89	West	828.42	Lat= 38.78212 Long = 95.18942
MW-16 rim	1040.61	North	5124.37	NW1/4,NW1/4,NE1/4,NE1/4
top pipe	1040.09	West	1082.22	Lat= 38.78166 Long = 95.19030

Lat & Long derived from Baldwin City 7.5 quad map. WGS84.

Elevation established from existing project. NAVD 88

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

