

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

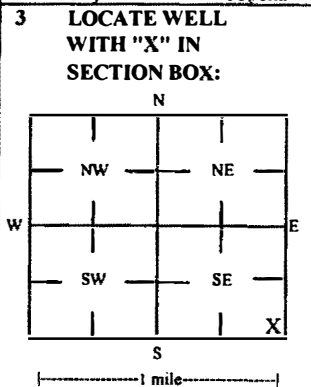
Well ID

MW13

[X] Original Record [] Correction [] Change in Well Use

1 LOCATION OF WATER WELL: County Douglas, Fraction SE 1/4 SE 1/4 SE 1/4, Section Number 33, Township Number T 14 S, Range Number R 20 E W

2 WELL OWNER: Last Name: First: Business: KDHE (McMillian Oil), Address: 1000 SW Jackson, City: Topeka, State: KS, ZIP: 66612, Street or Rural Address where well is located: ~160' NE of 719 Ames St, Baldwin, KS



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: 5.71 ft, [X] below land surface, measured on (mo-day-yr) 12/14/22

5 Latitude: 38.78237 (decimal degrees), Longitude: 95.18754 (decimal degrees), Horizontal Datum: [X] 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 1051.85 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 MW13, 6 Environmental Remediation: well ID, 7 Air Sparge [] Soil Vapor Extractor [] Recovery [] Injection, 8 Oil Field Water Supply: lease, 9 Test Hole: well ID, 10 Cased [] Uncased [] Geotechnical, 11 Geothermal: How many bores?, 12 a) Closed Loop [] Horizontal [] Vertical, b) Open Loop [] Surface Discharge [] Inj. of Water [] Other (specify):

Was a chemical/bacteriological sample submitted to KDHE? [] Yes [X] No, If yes, date sample was submitted: , Water well disinfected? [] Yes [X] No

8 TYPE OF CASING USED: [] Steel [X] PVC [] Other, CASING JOINTS: [] Glued [] Clamped [] Welded [X] 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 [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 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 [X] Bentonite [X] 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 [X] Fuel Storage [] Abandoned Water Well, [] Watertight Sewer Lines [] Sepage Pit [] Feedyard [] Fertilizer Storage [] Oil Well / Gas Well, [] Other (Specify), Direction from well? SW, Distance from well? ~250' ft

Table with 6 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows show depth intervals from 0 to 15 feet with lithology: Shale, Fill, Fill, shale, 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 [X] constructed, [] reconstructed, or [] plugged under my jurisdiction and was completed on (mo-day-year) 12/13/22 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) 1/9/23, under the business name of Larsen & Associates, Inc., Signature

Mail 1 white copy along with a fee of \$5.00 for each constructed well to: Kansas Department of Health and Environment, Bureau of Water, GWTS Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Mail one to Water Well Owner and retain one for your records. Telephone 785-296-5524.

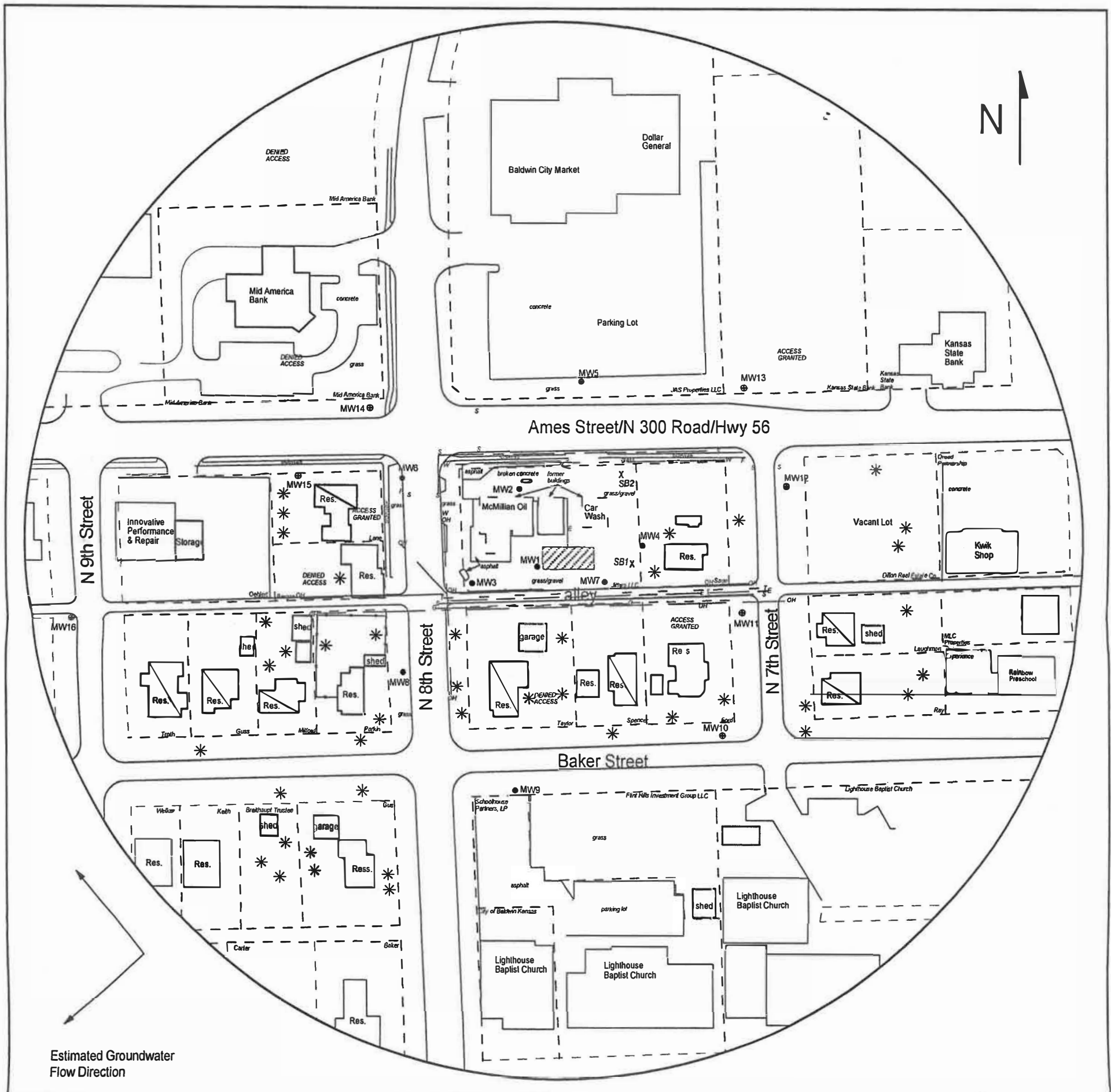


FIGURE 2.2 - 600 FT RADIUS AREA BASE MAP

LEGEND

- 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.

Douglas County T. 15 R. 20E
Sec. 4
T. 14 Rge, 20E
Sec. 33
larsen
& ASSOCIATES, INC.

PROJECT:

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



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

DENNIS L HANDKE

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

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

T. 15 Rge. 20E Sec. 4

T. 14 Rge. 20E Sec. 33

Douglas County

December 23, 2022

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.

