

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

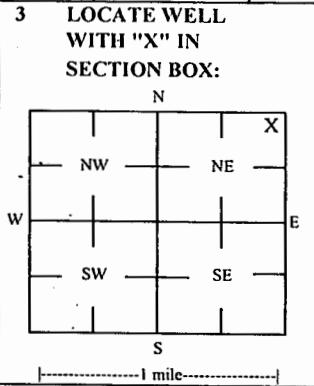
Well ID

MW2

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 City Topeka State: KS ZIP: 66612 Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): 719 Ames St., Baldwin, KS



3 LOCATE WELL WITH 'X' IN SECTION BOX: 4 DEPTH OF COMPLETED WELL: 20 ft. Depth(s) Groundwater Encountered: 1) 2) 3) 4) Dry Well WELL'S STATIC WATER LEVEL: 9.60 ft. below land surface, measured on (mo-day-yr) 10/23/20

5 Latitude: 38.78205 (decimal degrees) Longitude: 95.18848 (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 1051.49 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 MW2 6 Environmental Remediation: well ID 7 Air Sparge 8 Soil Vapor Extractor 9 Recovery 10 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 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 10 ft. Diameter in. to ft. Diameter in. to ft. Casing height above land surface -0.39 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 10 ft. to 20 ft. GRAVEL PACK INTERVALS: From 8 ft. to 20 ft.

9 GROUT MATERIAL: Neat cement Cement grout X Bentonite X Other Concrete: 0-1' Grout intervals: From 1 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 X Fuel Storage Abandoned Water Well Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well / Gas Well Other (Specify)

Direction from well? NE Distance from well? ~10' ft

Table with columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows: 0-0.3 Concrete, 0.3-1 Rubble/gravel fill, 1-7.5 Silty clay, 7.5-8 Shale, some silt, 8-20 Silty clay. 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) 10/21/20 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) 11/17/20 under the business name of Larsen & Associates, Inc. Signature

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.

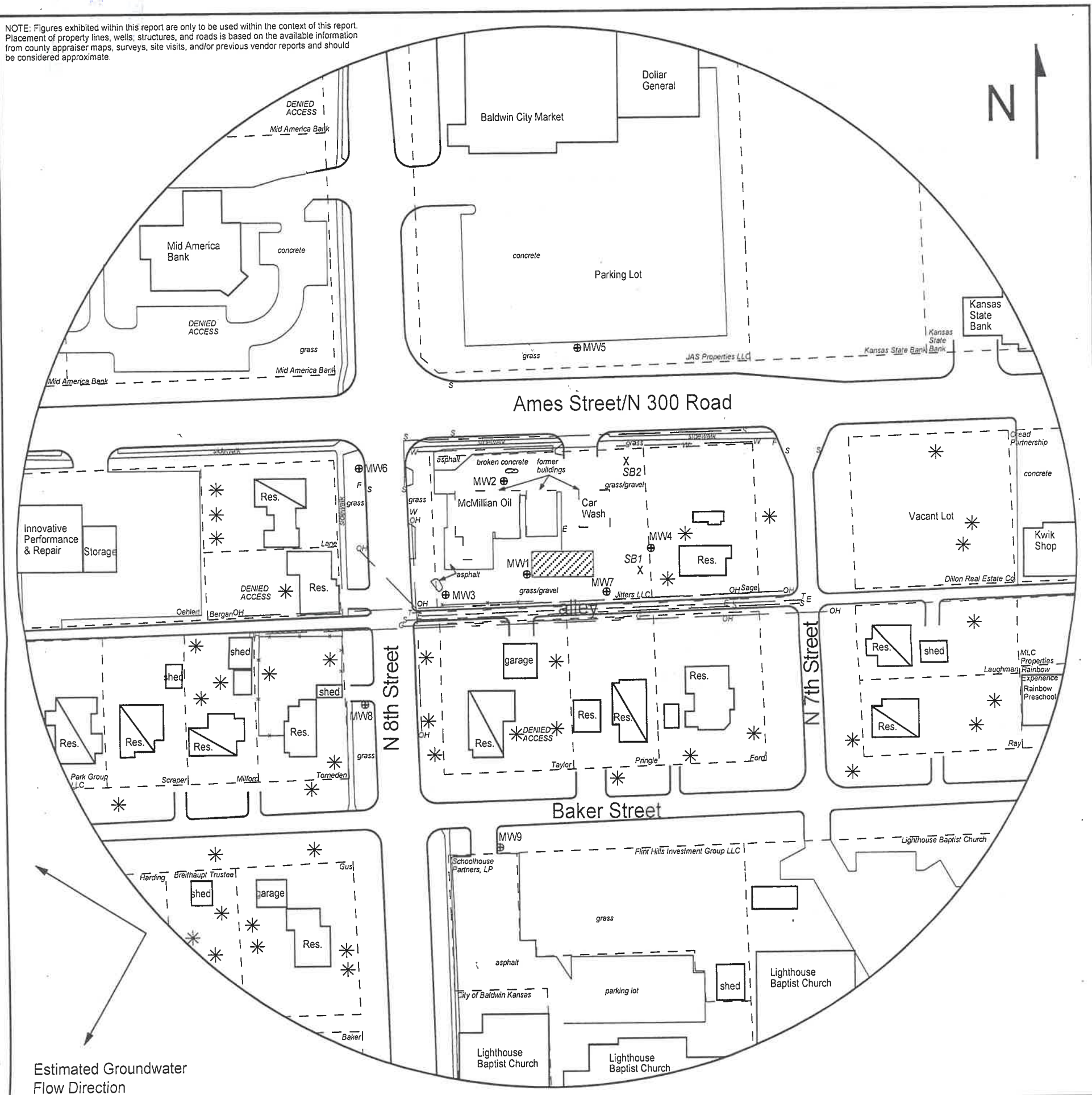


FIGURE 2.2 - 500 FT RADIUS AREA BASE MAP

**LEGEND**

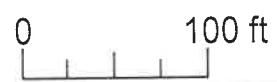
- Approximate Location of Former AST Basins and Pump Island
- Building with Basement
- Approximate Location of Property Line
- Monitoring Well (Installed 10/21-22/20)
- Soil Boring (Drilled 10/22/20)
- Fire Hydrant
- Electric Lines (1.5 - 3 ft bgs)
- Overhead Lines (25'-40' high)
- Sewer Lines (2 - 6 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.



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

**PROJECT:**  
McMillian Oil  
719 Ames St.  
Baldwin, KS  
KDHE ID: A4-023-40177  
Date: 10/23/20



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**JAN 22 2021**  
**BUREAU OF WATER**

# 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

November 13, 2020

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

Proj. 20-00ZZ  
McMillian Oil  
A4-023-40177

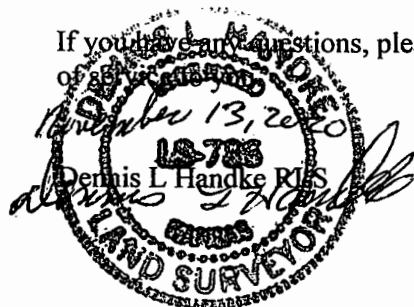
Bench Mark: Rivet and washer on North center of concrete storm inlet near Northwest corner of property.  
Elev: 1049.92      North 5303.13      West 616.87      (from SE Cor. Sec. 4-15-20E)

MW-1	rim	1052.75	North	5173.80	NW1/4,NE1/4,NE1/4,NE1/4
	top pipe	1052.40	West	546.61	Lat= 38.78181 Long = 95.18842
MW-2	rim	1051.88	North	5259.91	NW1/4,NE1/4,NE1/4,NE1/4
	top pipe	1051.49	West	563.06	Lat= 38.78205 Long = 95.18848
MW-3	rim	1049.75	North	5158.45	NW1/4,NE1/4,NE1/4,NE1/4
	top pipe	1049.39	West	625.40	Lat= 38.78177 Long = 95.18870
MW-4	rim	1056.47	North	5193.94	NW1/4,NE1/4,NE1/4,NE1/4
	top pipe	1056.11	West	432.85	Lat= 38.78187 Long = 95.18803
MW-5	rim	1050.25	North	5387.22	SW1/4,SE1/4,SE1/4,SE1/4 (Sec 33-14-20E)
	top pipe	1049.70	West	494.15	Lat= 38.78240 Long = 95.18825
MW-6	rim	1046.71	North	5276.23	NE1/4,NW1/4,NE1/4,NE1/4
	top pipe	1046.30	West	704.44	Lat= 38.78209 Long = 95.18898
MW-7	rim	1055.70	North	5158.23	NW1/4,NE1/4,NE1/4,NE1/4
	top pipe	1055.42	West	478.22	Lat= 38.78177 Long = 95.18818
MW-8	rim	1050.05	North	5055.12	NE1/4,NW1/4,NE1/4,NE1/4
	top pipe	1049.69	West	708.64	Lat= 38.78148 Long = 95.18899
MW-9	rim	1056.60	North	4914.27	SW1/4,NE1/4,NE1/4,NE1/4
	top pipe	1056.30	West	579.12	Lat= 38.78110 Long = 95.18853

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

Elevation established from USGS BM G 44 NAVD 88

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



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