

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

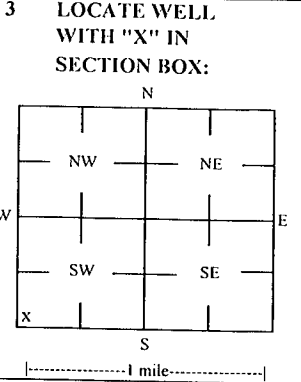
Well ID

MW6

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County Marion Fraction SW 1/4 SW 1/4 SW 1/4 SW 1/4 Section Number 32 Township Number T 19 S Range Number R 4 E W

2 WELL OWNER: Last Name: Business: KDHE (Former Service Station) 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): ~220' E-NE of 106 E Main St., Marion, KS



4 DEPTH OF COMPLETED WELL: 24.5 ft Depth(s) Groundwater Encountered: 1) ft 2) ft 3) ft, or 4) Dry Well WELL'S STATIC WATER LEVEL: 15.56 ft. X below land surface, measured on (mo-day-yr) 3/11/20

5 Latitude: 38.34872 (decimal degrees) Longitude: 97.02097 (decimal degrees) Horizontal Datum: X WGS 84 GPS (unit make/model): Land Survey X Topographic Map

6 Elevation 1307.34 ft Ground Level 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 5 Public Water Supply: well ID 6 Dewatering: how many wells? 7 Aquifer Recharge: well ID 8 X Monitoring: well ID MW6 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? Water well disinfected? Yes No If yes, date sample was submitted:

8 TYPE OF CASING USED: Steel PVC X Other CASING JOINTS: Glued Clamped Welded X Threaded Casing diameter 2 in. to 14.5 ft. Diameter in. to ft. Diameter in. to ft. Casing height above land surface -0.37 in. Weight lbs./ft. Well thickness or gauge No TYPE OF SCREEN OR PERFORATION MATERIAL: Steel Stainless Steel Fiberglass X PVC Other (Specify) 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 14.5 ft. to 24.5 ft. GRAVEL PACK INTERVALS: From 12.5 ft. to 24.5 ft.

9 GROUT MATERIAL: Neat cement Cement grout X Bentonite X Other Concrete: 0-0.5' Grout intervals: From 0.5 ft. to 12.5 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? SW Distance from well? ~290 ft

Table with columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows include Asphalt, Silty clay, Clayey silt, Silty shale clay, Clayey silt, Fine to medium sand.

Notes: KDHE ID: Former Service Station; U5-057-15224 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) 3/11/20 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) 3/26/20 under the business name of Larsen & Associates, Inc. Signature

MONITOR

31-19-4E  
32-19-4E  
5-20-4E  
6-20-4E

# DENNIS L HANDKE

1820 NW 59th Terrace  
TOPEKA, KANSAS 66618  
785-286-4047 Home  
785-286-1990 Fax

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

March 19, 2020

RE: Monitor Well Elevation Survey  
106 E. Main, Marion, Kansas

Proj. 20-00Q  
Former Service Station  
U5-057-15224

Bench Mark: Chisled Square on top SW corner of old concrete foundation.  
Elev: 1309.39      North 33.28      West 5247.61      (from SE Cor. Sec. 32-19-4E)

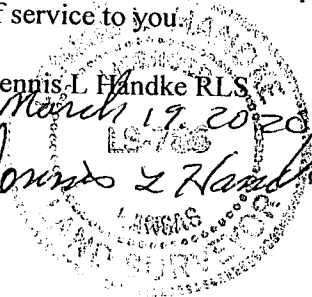
MW-1	rim	1308.32	North	3.65	NW1/4,NW1/4,NW1/4,NW1/4 (Sec. 5-20-4E)
	top pipe	1308.00	West	5243.64	Lat= 38.34828 Long = 97.02183
MW-2	rim	1306.52	North	130.79	SE1/4,SE1/4,SE1/4,SE1/4 (Sec. 31-19-4E)
	top pipe	1306.24	West	5305.11	Lat= 38.34865 Long = 97.02204
MW-3	rim	1308.36	South	102.53	NW1/4,NW1/4,NW1/4,NW1/4 (Sec.5-20-4E)
	top pipe	1307.88	West	5227.00	Lat= 38.34801 Long = 97.02177
MW-4	rim	1309.13	South	60.16	NE1/4,NE1/4,NE1/4,NE1/4 (Sec. 6-20-4E)
	top pipe	1308.81	West	525.68	Lat= 38.34812 Long = 97.02211
MW-5	rim	1308.17	South	103.46	NW1/4,NW1/4,NW1/4,NW1/4 (Sec. 5-20-4E)
	top pipe	1307.88	West	4976.88	Lat= 38.34800 Long = 97.02090
MW-6	rim	1307.71	North	156.19	SW1/4,SW1/4,SW1/4,SW1/4 (32-19-4E)
	top pipe	1307.34	West	4982.69	Lat= 38.34872 Long = 97.02097

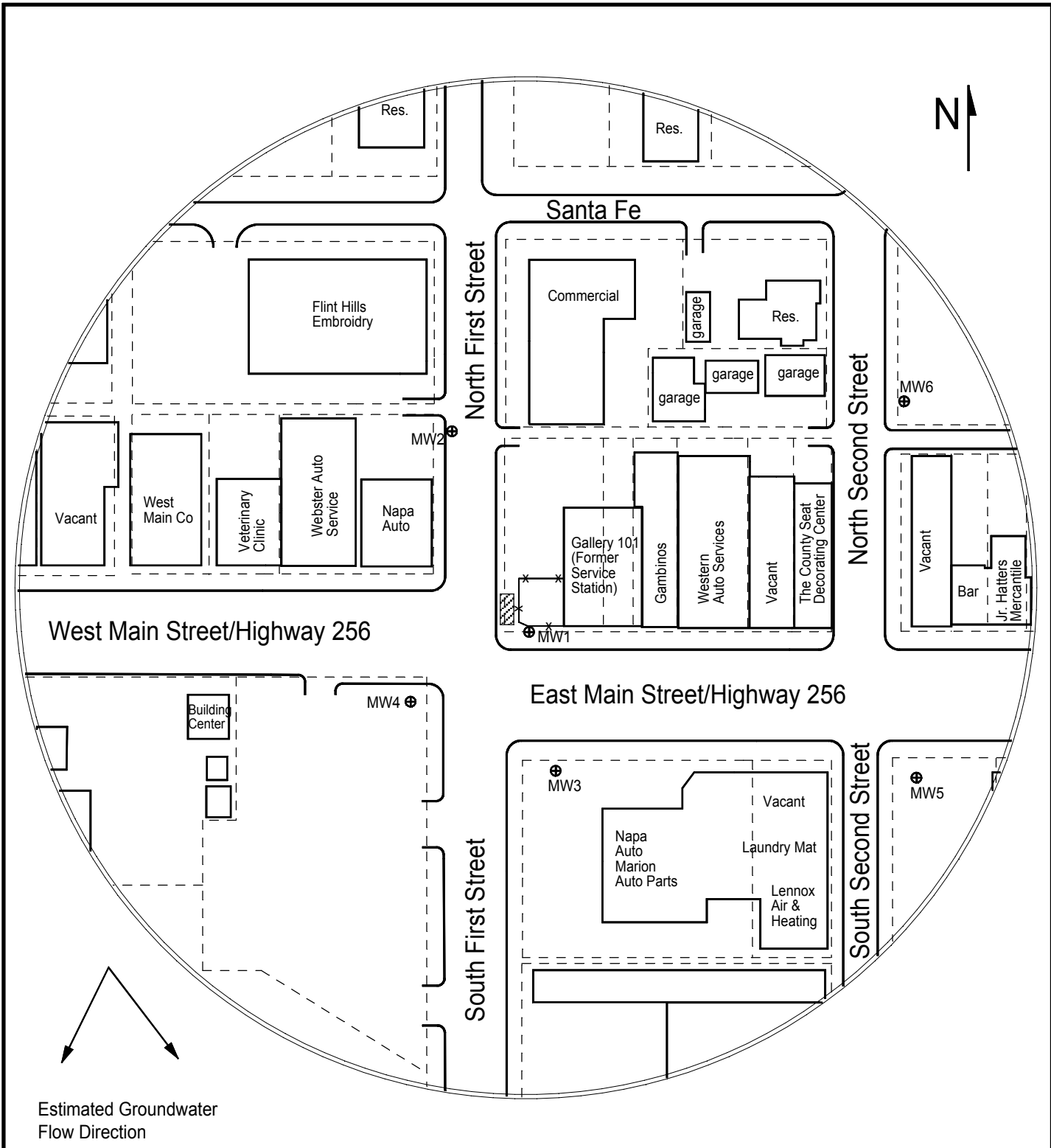
KB5/DR4

Lat & Long derived from Marion 7.5' quad map. WGS 84.

Elevation established from NGS BM D 50 NAVD 88.




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

Dennis L Handke RLS  
 March 19, 2020  
  
*Dennis L Handke*



Estimated Groundwater Flow Direction

**LEGEND:**

-  Approximate Location of Former UST Basin
-  Approximate Location of Property Line
-  Monitoring Well (Installed 3/4-5 & 10-11/20)



**PROJECT:**  
Former Service Station  
106 E. Main  
Marion, KS  
KDHE ID: U5-057-15224  
Date: 3/11/20



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