

WATER WELL RECORD Form WWC-5

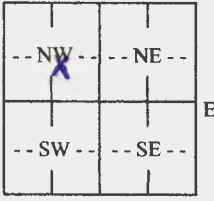
Division of Water Resources App. No.

Well ID MW23R

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL:
 County: Barton Fraction NW ¼ NW ¼ SE ¼ NW ¼ Section Number 1 Township Number T 18 S Range Number R 15 E W

2 WELL OWNER: Last Name: First:
 Business: KDHE
 Address: 1000 SW Jackson St.
 Address:
 City: Topeka State: KS ZIP:
 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:
Approximately 150 ft. SE of the intersection of Jackson Ave. and Main St., Olmitz, Ks.

3 LOCATE WELL WITH "X" IN SECTION BOX:
 N

 W E
 S
 -----1 mile-----

4 DEPTH OF COMPLETED WELL: 15.5 ft.
 Depth(s) Groundwater Encountered: 1) ft.
 2) ft. 3) ft., or 4) Dry Well
 WELL'S STATIC WATER LEVEL: ft.
 below land surface, measured on (mo-day-yr)
 above land surface, measured on (mo-day-yr)
 Pump test data: Well water was ft.
 after hours pumping gpm
 Well water was ft.
 after hours pumping gpm
 Estimated Yield: gpm
 Bore Hole Diameter: 8.75 in. to 15.5 ft. and in. to ft.

5 Latitude: 38.51762 (decimal degrees)
Longitude: -98.93596 (decimal degrees)
 Horizontal Datum: 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: 2018.91 ft. Ground Level TOC
 Source: Land Survey GPS Topographic Map
 Other

7 WELL WATER TO BE USED AS:

| | | | | | | | | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-------------------------------------|----------------------------------------|-------------------------------------------------------------------|------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| 1. Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock | 2. <input type="checkbox"/> Irrigation | 3. <input type="checkbox"/> Feedlot | 4. <input type="checkbox"/> Industrial | 5. <input type="checkbox"/> Public Water Supply: well ID <u> </u> | 6. <input type="checkbox"/> Dewatering: how many wells? <u> </u> | 7. <input type="checkbox"/> Aquifer Recharge: well ID <u> </u> | 8. <input checked="" type="checkbox"/> Monitoring: well ID <u>MW23R</u> | 9. Environmental Remediation: well ID <u> </u> <input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction <input type="checkbox"/> Recovery <input type="checkbox"/> Injection | 10. <input type="checkbox"/> Oil Field Water Supply: lease <u> </u> | 11. Test Hole: well ID <u> </u> <input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical | 12. Geothermal: how many bores? <u> </u> a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water | 13. <input type="checkbox"/> Other (specify): <u> </u> |
|------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-------------------------------------|----------------------------------------|-------------------------------------------------------------------|------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|

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

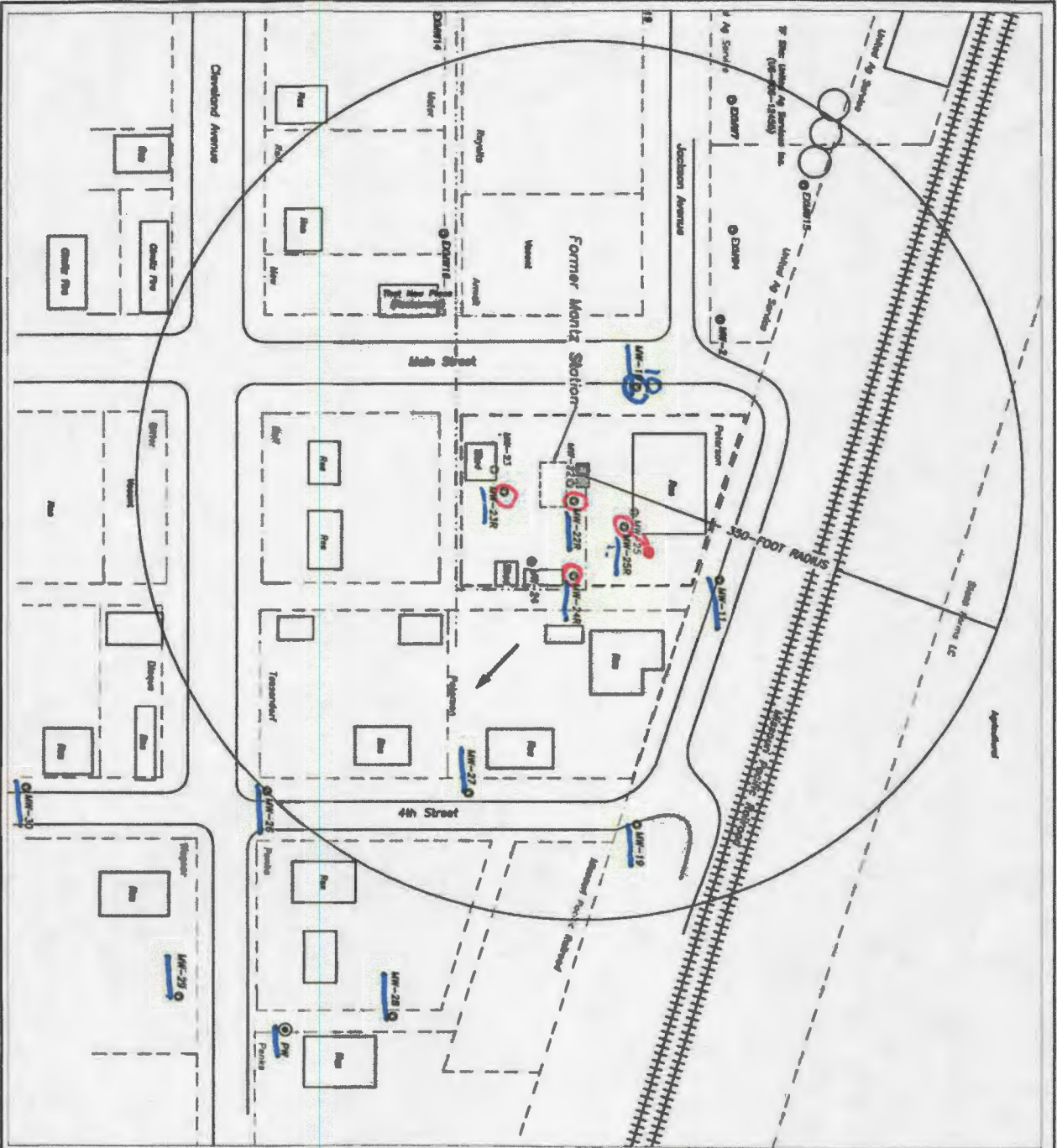
8 TYPE OF CASING USED: Steel PVC Other CASING JOINTS: Glued Clamped Welded Threaded
 Casing diameter 2 in. to 5.5 ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface 0 in. Weight lbs./ft. Wall thickness or gauge No. sch 40
TYPE OF SCREEN OR PERFORATION MATERIAL:
 Steel Stainless 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 5.5 ft. to 15.5 ft., From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 3.5 ft. to 15.5 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other cement pad
 Grout Intervals: From 1 ft. to 3.5 ft., From 0 ft. to 1 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) contaminated site
 Direction from well? Distance from well? ft.

| 10 FROM | TO | LITHOLOGIC LOG | FROM | TO | LITHO. LOG (cont.) or PLUGGING INTERVALS |
|---------------|------|---------------------------------------|------|----|------------------------------------------|
| 0 | 1 | Topsoil, brown | | | |
| 1 | 9 | Silty Clay, brown to dark brown, damp | | | |
| 9 | 15.5 | Silty Clay, light gray, damp | | | |
| | | | | | |
| | | | | | |
| Notes: | | | | | |

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) 6/29/2022 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 604 This Water Well Record was completed on (mo-day-year) 8/1/22 under the business name of Environmental Priority Service, Inc. Signature

F18 R15W Sec. 1 Barton
 KSA 82a-1212



- LEGEND
- PROPOSED MONITORING WELL
 - EXISTING MONITORING WELL
 - FLOODED MONITORING WELL
 - VALVE
 - MANHOLE
 - PROPERTY LINE/ROWLINE
 - POWER LINES/PUMP STATIONS
 - OVERHEAD ELECTRIC/TELEPHONE LINES
 - DRAINAGE FLOW DIRECTION
- NOTES:
 1. THE LOCATION OF THE POWER LINES & PUMP STATIONS ARE APPROXIMATE, BASED ON POWER LINES PROVIDED BY THE CITY. FIELD INVESTIGATION IS RECOMMENDED TO BE CONDUCTED AS A PART OF THE SCOPE OF WORK.

MH-25R MOVED FOR ACCESS



| | | | |
|-----------------------------------------------------|-----------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| FIGURE 1 - SITE MAP (300-FOOT RADIUS) | | FORMER MANTZ STATION (US-005-13231) 322 MAIN STREET CLAYTON, KANSAS | SCS ENGINEERS 6676 West 119th Street, Suite 600 Overland Park, Kansas 66210 |
| DRAWN BY: LAU CHECKED BY: LAU DATE: 4/28/2022 | PROJECT NO.: 514 SHEET NO.: 1 TOTAL SHEETS: 1 | PROJECT NO.: 514 SHEET NO.: 1 TOTAL SHEETS: 1 | PROJECT NO.: 514 SHEET NO.: 1 TOTAL SHEETS: 1 |

SMH CONSULTANTS

T18 RIS Sec 1
KSA 82a-1212
Barton

July 25, 2022

SCS Engineers
Leah Meyer
6161 S. Syracuse Way, Suite 210
Greenwood Village, Colorado 80111

RE: Project No. 2206-0237

Leah.

The following is the information requested on a Monitoring Well Site, Former Montz Station, Olmitz, Barton County, Kansas.

| Point | North Coord. | East Coord. | Distance SE Cor. North | From S.1 West | Elev. Top Of Rim or PK Nail | Elev. Top of PVC Pipe | Latitude North | Longitude West |
|----------------------------|-----------------|----------------|------------------------------|---------------------|-----------------------------------|-----------------------------|-------------------|-------------------------|
| SE Corner S.1-T18S-R15W | 10000 | 10000 | | | | | | |
| MW22R | 13938.05 | 6144.88 | 3938.05 | 3855.12 | 2018.44 | 2018.18 | 38.51778 | 98.93591 |
| MW23R | 13877.07 | 6139.27 | 3877.07 | 3860.73 | 2019.35 | 2018.91 | 38.51762 | 98.93596 |
| MW24R | 13945.69 | 6210.95 | 3945.69 | 3789.05 | 2018.76 | 2017.91 | 38.51778 | 98.93568 |
| MW25R | 13984.51 | 6180.43 | 3984.51 | 3819.57 | 2017.67 | 2017.18 | 38.51790 | 98.93577 |
| Site BM | 14084.08 | 5772.74 | 4084.08 | 4227.26 | | | | SBM Elevation = 2020.48 |

Description: "□" Square cut on southeast corner of concrete slab south of elevator.

MW22R, MW23R and MW24R are in the: NW¼ NW¼ SE¼ NW¼ S.1-T18S-R15W
MW25R is in the: SW¼ SW¼ NE¼ NW¼ S.1-T18S-R15W

If you have any questions, please do not hesitate in giving us a call.

Sincerely,



Tim Sloan, L.S.
SMH CONSULTANTS

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