WATER WELL RECORD Form WWC-5

☐ Original Record ☐ Correction ☐ Change in Well Use

Division of Water Resources App. No. ____ Well ID MW-21

1 LOCATION OF WATER WELL: County: Nemeha | Fraction: NE ¼ NE ¼ SE ¼ SE ¼ | Section Number: 1 | Township Number: T 2 S | Range Number: R 14 ■ E ☐ W

2 WELL OWNER: Last Name: Rems-Widder First: Jill
Business: Casey's Retail Company
Address: PO Box 3004
Address:
City: Akeny State: IA ZIP: 50021

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: ☐
105 S Hwy 75, Sabetha, Ks.

3 LOCATE WELL WITH "X" IN SECTION BOX:

N
- - NW - - - - NE - -
W E
- - SW - - - - SE - - X
S
|----------1 mile----------|

4 DEPTH OF COMPLETED WELL: 20.0 ft.
Depth(s) Groundwater Encountered: 1) ..... ft. 2) ..... ft. 3) ..... ft., or 4) ☐ Dry Well
WELL'S STATIC WATER LEVEL: 16.25 ft.
■ below land surface, measured on (mo-day-yr) 9-10-2022
☐ 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 20.0 ft. and ..... in. to ..... ft.

5 Latitude: 39.90307 (decimal degrees)
Longitude: 95.78848 (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: 1301.64 ft. ☐ Ground Level ■ TOC
Source: ■ Land Survey ☐ GPS ☐ Topographic Map
☐ Other .....

7 WELL WATER TO BE USED AS:
1. Domestic: ☐ Household ☐ Lawn & Garden ☐ Livestock
2. ☐ Irrigation
3. ☐ Feedlot
4. ☐ Industrial
5. ☐ Public Water Supply: well ID .....
6. ☐ Dewatering: how many wells? .....
7. ☐ Aquifer Recharge: well ID .....
8. ■ Monitoring: well ID MW-21
9. Environmental Remediation: well ID ..... ☐ Air Sparge ☐ Soil Vapor Extraction ☐ 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
13. ☐ 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 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 ft. to 20 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.
GRAVEL PACK INTERVALS: From 3 ft. to 20 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

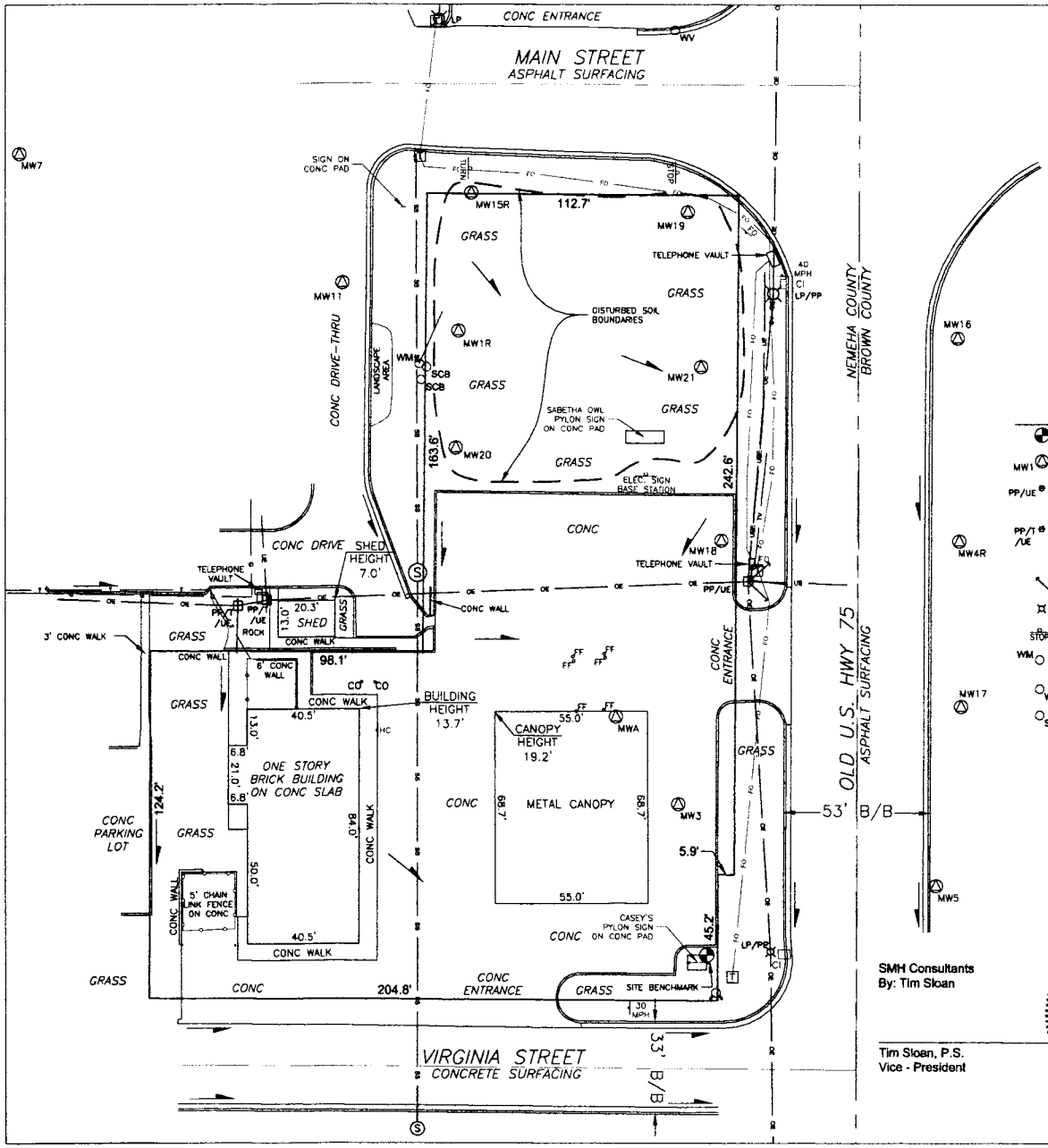
9 GROUT MATERIAL: ☐ Neat cement ☐ Cement grout ■ Bentonite ■ Other cement pad
Grout Intervals: From 1 ft. to 3 ft., From 0 ft. to 1 ft., From ..... ft. to ..... ft.
Nearest source of possible contamination:
☐ Septic Tank ☐ Lateral Lines ☐ Pit Privy ☐ Livestock Pens ☐ Insecticide Storage
☐ Sewer Lines ☐ 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	5	Silty Clay, dark brown, lean			
5	8	Silty Clay, brown, lean, damp			
8	15	Sand, brown, wet			
15	20	Silty Clay, tan, wet			
			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) 8-4-2022 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) 9/27/22 under the business name of Environmental Priority Service, Inc. Signature [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.

Visit us at http://www.kdheks.gov/waterwell/index.html KSA 82a-1212 **Revised 7/10/2015**



FULL SITE SURVEY

Casey's 1184

City of Sabetha, Nemaha County, Kansas

Point	North Coordinate	East Coordinate	Distance SE Cor. North	From Sec. 1 West	* Elev. Top of Rim or PK Nail	Elev. Top of PVC Pipe	Latitude North	Longitude West
SE Cor. Sec. 1-T2S-R14E	40000	40000						
Well - M.W. - 1R	41235.46	39855.64	1235.46	144.36	1304.44	1304.21	39.90310	95.78880
Well - M.W. - 3	41066.73	39935.88	1066.73	64.12	1302.12	1301.78	39.90264	95.78851
Well - M.W. - 4R	41160.86	39963.22	1160.86	36.78	1300.98	1300.53	39.90290	95.78815
Well - M.W. - 5	41037.68	39971.17	1037.68	28.83	1300.62	1300.24	39.90256	95.78819
Well - M.W. - 7	41298.20	39697.16	1298.20	302.84	1306.00	1305.61	39.90328	95.78936
Well - M.W. - 11	41252.34	39813.79	1252.34	186.21	1306.27	1306.02	39.90315	95.78895
Well - M.W. - 15R	41284.63	39859.84	1284.63	140.16	1303.35	1303.13	39.90324	95.78878
Well - M.W. - 16	41229.82	39900.16	1229.82	99.84	1300.86	1300.42	39.90310	95.78816
Well - M.W. - 17	41098.43	39905.13	1098.43	94.87	1300.99	1300.70	39.90273	95.78815
Well - M.W. - 18	41161.85	39988.61	1161.85	11.39	1301.86	1301.52	39.90290	95.78846
Well - M.W. - 19	41277.99	39938.23	1277.99	61.77	1301.57	1301.34	39.90322	95.78850
Well - M.W. - 20	41193.75	39854.90	1193.75	145.10	1304.29	1304.04	39.90299	95.78880
Well - M.W. - 21	41222.78	39943.37	1222.78	56.63	1302.00	1301.64	39.90307	95.78848
Well - M.W. - A	41097.85	39913.29	1097.85	86.71	1302.25	1301.84	39.90272	95.78859
Site B.M.	41012.68	39913.29	1012.68	53.70	B.M. Elev. = 1303.43			

Description: "□" cut on northeast corner of sign base at southeast corner of property.

LEGEND

- SITE BENCHMARK
- MW1 MONITOR WELL LOCATION
- PP/UE POWER POLE W/UNDERGROUND ELECTRIC
- PP/T/UE POWER POLE W/TRANSFORMER & UNDERGROUND ELECTRIC
- DEADMAN ANCHOR
- LIGHT POLE
- STOP ROAD SIGN
- WM WATER METER
- WV WATER VALVE
- SCB SPRINKLER CONTROL BOX
- SANITARY SEWER MANHOLE
- CO SANITARY SEWER CLEAN-OUT
- B/B BACK TO BACK OF CURB
- FIRE HYDRANT
- TELEPHONE PEDESTAL
- OE OVERHEAD ELECTRIC LINE
- UE UNDERGROUND ELECTRIC LINE
- T UNDERGROUD TELEPHONE LINE
- FO UNDERGROUND FIBER OPTIC LINE
- BOLLARD
- HC HANDICAP PARKING SIGN
- FF UST FILLER CAP
- DRAINAGE DIRECTION
- SS SANITARY SEWER LINE
- EXIST W WATERLINE
- G GAS LINE
- CHAIN LINK FENCE
- SECTION/COUNTY LINE
- DISTURBED SOIL BOUNDARIES

SMH Consultants
By: Tim Sloan

Tim Sloan, P.S.
Vice - President

TIM SLOAN REGISTERED LS-783 KANSAS LAND SURVEYOR

SMH CONSULTANTS

SCALE: 1"=40'
0 20' 40'

Civil Engineering • Land Surveying • Landscape Architecture
www.smhconsultants.com

Manhattan, KS - HQ P: (785) 776-0541 • Dodge City, KS P: (620) 255-1952
Overland Park, KS P: (913) 444-9615 • Colorado Springs, CO P: (719) 428-8677

Drawn By:CMD Project #2208-0293 TDS #89

Nemaha

1-2-17