

Well #2 Wilson Pasture

WATER WELL RECORD Form WWC-5

Division of Water Resources App. No. Well ID

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County: Geary Co. Fraction NW 1/4 NE 1/4 Section Number 3 Township Number T 12 S Range Number R 8 E W

2 WELL OWNER: Last Name: Nelson First: Glen Business: 13313 Moritz Rd Address: Manhattan State: KS ZIP: 66502 Street or Rural Address where well is located: From Manhattan go south on 177 to I 70 then go west 2 miles on I-70 then go 1/4 south on Moritz Rd. then NE 1/4 mile

3 LOCATE WELL WITH 'X' IN SECTION BOX: [Diagram showing a 4x4 grid with 'X' in the top-left quadrant] 4 DEPTH OF COMPLETED WELL: 100 ft. Depth(s) Groundwater Encountered: 1) 65 ft. 2) ... 3) ... 4) Dry Well WELL'S STATIC WATER LEVEL: 51 ft. (6/13/2019) below 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: 10 gpm Bore Hole Diameter: 9 7/8 in. to 1.00 ft. and ... in. to ... ft. 5 Latitude: N 39° 03.370 (decimal degrees) Longitude: W 096° 34.250 (decimal degrees) Horizontal Datum: WGS 84 NAD 83 NAD 27 Source for Latitude/Longitude: GPS (unit make/model: Garmin E-Trex 20) (WAAS enabled? Yes No) Land Survey Topographic Map Online Mapper 6 Elevation: 1273 ft. Ground Level Topographic Map 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 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 5 in. to 8 1/2 ft. Diameter in. to ft. Diameter in. to ft. Diameter in. to ft. Casing height above land surface 39 ft. Weight 50.40 lbs./ft. Wall thickness or gauge No. TYPE OF SCREEN OR PERFORATION MATERIAL: Steel Stainless Steel Fiberglass PVC 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 80 ft. to 100 ft. From ... ft. to ... ft. From ... ft. to ... ft. GRAVEL PACK INTERVALS: From 25 ft. to 100 ft. From ... ft. to ... ft. From ... ft. to ... ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other Grout intervals: From 5 ft. to 25 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 Fuel Storage Abandoned Water Well Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well/Gas Well Other (Specify) Direction from well? Distance from well? ft.

10 FROM TO LITHOLOGIC LOG FROM TO LITHO. LOG (cont.) or PLUGGING INTERVALS

0	1	Top Soil	69	76	Grey shale
1	9	Limestone	76	92	Yellow shale
9	25	Brown shale	92	100	Grey oily shale
25	26	Limestone			
26	34	Tan shale			
34	47	Grey shale			
47	53	Tan shale			
53	65	Yellow shale (W/WIR)			
65	69	Limestone			

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) 6/13/2019 and this record is true to the best of my knowledge and belief, Kansas Water Well Contractor's License No. 45. This Water Well Record was completed on (mo-day-year) 6/21/2019 under the business name of Feldman Well Drilling, LLC