KOLAR Document ID: 1538213

WATER WELL RECORD Form WWC-5

Division of Water Resources App. No. _____ Well ID OW3-20

☑ Original Record ☐ Correction ☐ Change in Well Use

1 LOCATION OF WATER WELL: County: Marshall | Fraction: NE ¼ NW ¼ NW ¼ SW ¼ | Section Number: 11 | Township Number: T 4 S | Range Number: R 10 ☑ E ☐ W

2 WELL OWNER: Last Name: First:
Business: City of Vermillion
Address: 102 Main Str
Address:
City: Vermillion State: KS ZIP: 66544

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: ☐
560' E of 29th Rd on Stone Rd
150' S in pasture

3 LOCATE WELL WITH "X" IN SECTION BOX:

N / W / E / S; NW, NE, SW, SE; X in NW; |----------1 mile---------|

4 DEPTH OF COMPLETED WELL: 158 ft.
Depth(s) Groundwater Encountered: 1) 153 ft. 2) ……. ft. 3) ……. ft., or 4) ☐ Dry Well
WELL'S STATIC WATER LEVEL: 25.75 ft.
☑ below land surface, measured on (mo-day-yr) 07/02/2020
☐ 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 in. to 164 ft. and …… in. to ……. ft.

5 Latitude: 39.717838 (decimal degrees)
Longitude: 96.275016 (decimal degrees)
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: 1212 ft. ☑ Ground Level ☐ TOC
Source: ☐ Land Survey ☐ GPS ☐ Topographic Map ☑ Other KOLAR

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 OW3-20 ☑ 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 158 ft., Diameter …… in. to …… ft., Diameter …… in. to …… ft.
Casing height above land surface 24 in. Weight …… lbs./ft. Wall thickness or gauge No. SCH40

TYPE OF SCREEN OR PERFORATION MATERIAL:
☐ Steel ☐ Stainless Steel ☑ PVC ☐ Other (Specify) ……
☐ Brass ☐ Galvanized Steel ☐ 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 143 ft. to 158 ft., From …… ft. to …… ft., From …… ft. to …… ft.
GRAVEL PACK INTERVALS: From 134 ft. to 164 ft., From …… ft. to …… ft., From …… ft. to …… ft.

9 GROUT MATERIAL: ☐ Neat cement ☐ Cement grout ☑ Bentonite ☑ Other 50/50 Sand, chips 6-117
Grout Intervals: From 0 ft. to 6 ft., From 117 ft. to 134 ft., From …… ft. to …… ft.

Nearest source of possible contamination: ✔ No potential source of contamination within 200 ft.
☐ 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	3	Topsoil	158	164	Shale, gray
3	6	Clay, lt brown			
6	27	Clay, sandy tan			
27	30	Clay, gray to tan			
30	68	Sand, fine w/ clay layers			
68	137	Clay, blue, silty			
137	153	Sand, fine			
153	154	Gravel, angular			
154	158	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) 07/02/2020 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 760 This Water Well Record was completed on (mo-day-year) 07/02/2020 under the business name of Associated Drilling, Inc.

Send one copy to WATER WELL OWNER and retain one for your records. Fee of $5.00 for each constructed well.
KS Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-3565.
Visit us at http://www.kdheks.gov/waterwell/index.html KSA 82a-1212