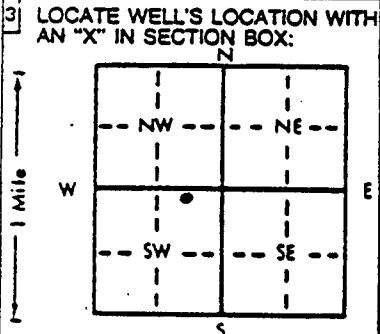


WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: Fraction NE 1/4 NE 1/4 SW 1/4 Section Number 21 Township Number T 29 Range Number R 42 EW
 County: STANTON
 Distance and direction from nearest town or city street address of well if located within city?
MANTER - 2 mi. Southwest on Hwy. 160 - North ->

2 WATER WELL OWNER: Marty Cook
 RR#, St. Address, Box #: Box 33
 City, State, ZIP Code: MANTER, KANSAS 67842
 Board of Agriculture, Division of Water Resources
 Application Number:



4 DEPTH OF COMPLETED WELL: 400 ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. _____ ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL: 238 ft. below land surface measured on mo/day/yr 4-14-98
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield _____ gpm; Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter: 12 1/4 in. to 20 ft., and 9 1/4 in. to 420 ft.
 WELL WATER TO BE USED AS:
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Observation well
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No X; If yes, mo/day/yr sample was submitted
 Water Well Disinfected? Yes X No

5 TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped _____
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded _____
 7 Fiberglass Threaded _____
 Blank casing diameter: 5.56 in. to _____ ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface: 30 in., weight 200 lbs./ft. Wall thickness or gauge No. JDR-21
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify) _____
 9 ABS 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 3 Mill slot .035 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes
 7 Torch cut 10 Other (specify) _____
 SCREEN-PERFORATED INTERVALS: From 240 ft. to 320 ft., From 400 ft. to 420 ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 235 ft. to 420 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other _____
 Grout Intervals: - From 4 ft. to 25 ft., From 230 ft. to 235 ft., From _____ ft. to _____ ft.
 What is the nearest source of possible contamination:
 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below) _____
 13 Insecticide storage
 Direction from well? South How many feet? 150

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	4	Topsoil	346	407	White Sandy Clay w/ Fine
4	16	Brown Sandy Clay			Sandy Soft Sandstone
16	27	Tan Sandy Clay + Sandstone	407	420	Black, Gray + White Sandy
27	75	Sandy + Gravel w/ Tan Sandy Clay str.			Clay
75	96	Tan + Yellow Clay + Sandstone			
96	135	Black + Gray Clay + Sandstone			
135	147	Yellow Clay + Sandstone			
147	256	Gray + Black Clay + Shale			
256	272	Yellow Sandy Clay w/ Fine Sand + Sandstone - soft			
272	284	Blk + Yellow Clay			
284	296	Yellow Sandy Clay + Fine Sand			
296	318	Black shale + Clay			
318	346	Black + Gray Sandy Clay w/ Fine Sand			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and completed on (mo/day/year) 4-14-98 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. KSA-600A This Water Well Record was completed on (mo/day/yr) 4-21-98 under the business name of CRAMER DRILLING CO. by signature [Signature]
 INSTRUCTIONS: Use typewriter or ball point pen, PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Division of Environment, Environmental Geology Section; Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.