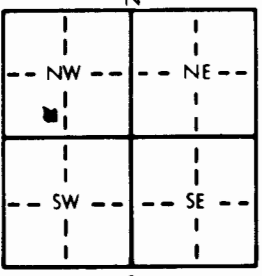


1 LOCATION OF WATER WELL: County: Grant Fraction SE 1/4 SW 1/4 NW 1/4 Section Number 27 Township Number T 30 S Range Number R 37 EW

Distance and direction from nearest town or city street address of well if located within city?
11 miles south of Ulysses, Kansas

2 WATER WELL OWNER: Frederick Farms
RR#, St. Address, Box #: % James Frederick Board of Agriculture, Division of Water Resources
City, State, ZIP Code: 212 West 1st, Hugoton, Kansas 67951 Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  4 DEPTH OF COMPLETED WELL: 289 ft. ELEVATION: slope
Depth(s) Groundwater Encountered 1. 127 ft. 2. ft. 3. ft.
WELL'S STATIC WATER LEVEL 127 ft. below land surface measured on mo/day/yr 4/6/90
Pump test data: Well water was DID NOT INSTALL PUMP ft. after hours pumping gpm
Est. Yield gpm: Well water was ft. after hours pumping gpm
Bore Hole Diameter 9 7/8 in. to 289 ft., and in. to ft.
WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well
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 Monitoring 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: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped X
1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) & riveted Welded (no)
2 PVC 4 ABS 7 Fiberglass Threaded
Blank casing diameter 5 in. to 249 ft., Dia in. to ft., Dia in. to ft.
Casing height above land surface 18 in., weight lbs./ft. Wall thickness or gauge No. schedule 250
TYPE OF SCREEN OR PERFORATION MATERIAL: 7 PVC 10 Asbestos-cement SRD-17
1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify)
2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes
2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)
SCREEN-PERFORATED INTERVALS: From 249 ft. to 289 ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 10 ft. to 289 ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other
Grout Intervals: From 0 ft. to 10 ft., From ft. to ft., From ft. to ft.
What is the nearest source of possible contamination: abandoned 10 Livestock pens 14 Abandoned water well
1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas well
2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 16 Other (specify below)
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage
Direction from well? southwest How many feet? 290

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	Surface			
2	60	Clay w/fine sand and lime shells			
60	90	Medium sand w/clay breakers			
90	145	Medium sand			
145	170	Gray clay			
170	208	Medium sand			
208	250	Brown clay			
250	270	Fine to medium sand w/clay breakers			
270	291	Medium sand			
291	315	Yellow shalk w/hard sandstone			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 4/6/90 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 164. This Water Well Record was completed on (mo/day/yr) June 14, 1990 under the business name of Houck Bros. Drlg. Co. by (signature) M. Beard