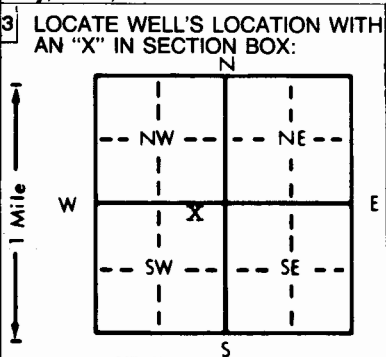


1 LOCATION OF WATER WELL: County: Harper Fraction: NE 1/4 Ne 1/4 SW 1/4 Section Number: 13 Township Number: T 31 S Range Number: R 9 E (W)

Distance and direction from nearest town or city street address of well if located within city?
7 1/2 north 3/4 west of Attica

2 WATER WELL OWNER: L. E. Ryan
 RR#, St. Address, Box # : Zenda, Kan.67159 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code : Application Number:



4 DEPTH OF COMPLETED WELL: 90 ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. 64 ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL 48 ft. below land surface measured on mo/day/yr 12-19-88
 Pump test data: Well water was ft. after hours pumping gpm
 Est. Yield 15 gpm: Well water was ft. after hours pumping gpm
 Bore Hole Diameter 9 in. to 90 ft., and in. to ft.
 WELL WATER TO BE USED AS:
 1 Domestic 3 Feedlot 5 Public water supply 8 Air conditioning 11 Injection well
 2 Irrigation 4 Industrial 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 7 Lawn and garden only 10 Monitoring well
 Was a chemical/bacteriological sample submitted to Department? Yes No; If yes, mo/day/yr sample was submitted
 Water Well Disinfected? Yes No

5 TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded
 7 Fiberglass Threaded
 Blank casing diameter 5 in. Dia. 78 ft. Dia. in. to ft. Dia. in. to ft.
 Casing height above land surface 16 in., weight lbs./ft. Wall thickness or gauge No. 214
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 3 Mill slot 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 78 ft. to 90 ft. From ft. to ft.
 From ft. to ft. From ft. to ft.
 GRAVEL PACK INTERVALS: From 29 ft. to 90 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 3 ft. to 23 ft. From ft. to 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? west How many feet? 170

| FROM | TO | LITHOLOGIC LOG | FROM | TO | PLUGGING INTERVALS |
|------|----|----------------|------|----|--------------------|
| 0 | 5 | soil | | | |
| 5 | 55 | sand | | | |
| 55 | 64 | clay | | | |
| 64 | 76 | medium sand | | | |
| 76 | 80 | clay | | | |
| 30 | 38 | sand | | | |
| 88 | 90 | shale | | | |

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) 12-19-88 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 146 This Water Well Record was completed on (mo/day/yr) 12-31-88 under the business name of RYAN Inc. by (signature) L. E. Ryan