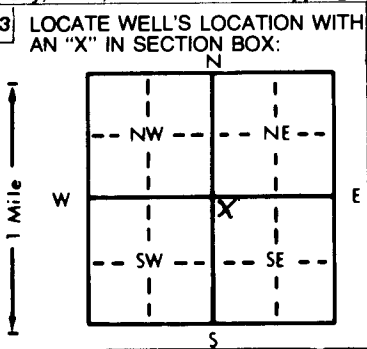


1 LOCATION OF WATER WELL: County: KIOWA Fraction: NW 1/4 NW 1/4 SE 1/4 Section Number: 29 Township Number: T 28 S Range Number: R 19 E

Distance and direction from nearest town or city street address of well if located within city?
3 East & South of Mullinville

2 WATER WELL OWNER: Ritchie Exploration
 RR#, St. Address, Box #: PO Box 283188 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Wichita Ks 67278 Application Number: 990130



4 DEPTH OF COMPLETED WELL: 165 ft. ELEVATION: _____
 Depth(s) Groundwater Encountered 1. 120 ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL 120 ft. below land surface measured on mo/day/yr 7-26-99
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield 50 gpm; Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter: 8 3/4 in. to 185 ft., and _____ in. to _____ 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 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:
 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 in. to 125 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface 12 in., weight _____ lbs./ft. Wall thickness or gauge No. 5DR-26
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 8 PVC 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify) _____
 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 125 ft. to 145 ft., From _____ ft. to _____ ft.
 From 175 ft. to 185 ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 20 ft. to 150 ft., From _____ ft. to _____ ft.
 From 160 ft. to 185 ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other _____
 Grout Intervals: From 0 ft. to 20 ft., From 150 ft. to 160 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? _____ How many feet? 150'

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	20	Brown Clay			
20	81	Tan Clay			
81	133	Sand & Gravel			
133	135	Tan Clay			
135	141	Sand & Gravel			
141	145	White Clay			
145	175	Tan Clay			
175	185	Sand			

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) 7-26-99 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 653 This Water Well Record was completed on (mo/day/yr) 8-31-99 under the business name of Dan Hayes Water Well Service by (signature) Dan Hayes

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, Bureau of Water, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.

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