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|---------------------------|---------------|--------------------------------|----------------|-----------------|--------------|
| 1 LOCATION OF WATER WELL: | Fraction | Near the Center | Section Number | Township Number | Range Number |
| County: <u>Pratt</u> | $\frac{1}{4}$ | $\frac{1}{4}$ NW $\frac{1}{4}$ | 10 | T 29 S | R 13 E/W |

Distance and direction from nearest town or city street address of well if located within city?

Approx. 6 $\frac{1}{2}$ miles south of Pratt, KS

| | | |
|---------------------------|-----------------|---|
| 2 WATER WELL OWNER: | Darrell Brehm | Not available |
| RR#, St. Address, Box # : | Route 1 | Board of Agriculture, Division of Water Resources |
| City, State, ZIP Code : | Pratt, KS 67124 | Application Number: 37844 |

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| 3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: | 4 DEPTH OF COMPLETED WELL: 175 ft. ELEVATION: unknown |
| | Depth(s) Groundwater Encountered 1. 74'9" ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL 74'9" ft. below land surface measured on mo/day/yr 11/25/86 Pump test data: Well water was not ck'd ft. after hours pumping gpm Est. Yield 2000 gpm: Well water was ft. after hours pumping gpm Bore Hole Diameter .24 in. to .175 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 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 No X |

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|---|--------------------|--------------------|--------------------------------------|
| 5 TYPE OF BLANK CASING USED: | 5 Wrought iron | 8 Concrete tile | CASING JOINTS: Glued Clamped |
| 1 Steel | 3 RMP (SR) | 6 Asbestos-Cement | 9 Other (specify below) |
| 2 PVC | 4 ABS | 7 Fiberglass | Welded X |
| Blank casing diameter 16 in. to 114 ft., Dia. in. to ft., Dia. in. to ft. | | | Threaded. |
| Casing height above land surface 12 in., weight 36.9 lbs./ft. Wall thickness or gauge No. 219 | | | |
| TYPE OF SCREEN OR PERFORATION MATERIAL: | 7 PVC | 10 Asbestos-cement | |
| 1 Steel | 3 Stainless steel | 5 Fiberglass | 8 RMP (SR) |
| 2 Brass | 4 Galvanized steel | 6 Concrete tile | 9 ABS |
| 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) Doerr Bridge Slot |
| SCREEN-PERFORATED INTERVALS: From 114 ft. to 174 ft., From ft. to ft., From ft. to ft. | | | |
| GRAVEL PACK INTERVALS: From 55 ft. to 175 ft., From ft. to ft., From ft. to ft. | | | |
| Annular Fill From 10 ft. to 55 ft., From ft. to ft., From ft. to ft. | | | |

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|---|-------------------|-------------------------|------------------------|--------------------------|
| 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: | 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 | FIELD |
| Direction from well? all | | | How many feet? | |

| FROM | TO | LITHOLOGIC LOG | FROM | TO | LITHOLOGIC LOG |
|------|-----|---|------|-----|---------------------------------------|
| 0 | 3 | Topsoil | | | fine gravel 108-112 |
| 3 | 7 | Tan sandy clay | 119 | 123 | Gravel, fine |
| 7 | 15 | Medium gravel | 123 | 127 | Gravel, coarse-medium, thin clay strk |
| 15 | 19 | Tan sandy clay | | | at 126' |
| 19 | 25 | Fine gravel, thin sandy clay streaks | 127 | 154 | Gravel, fine w/strks med. gravel clay |
| 25 | 47 | Tan clay (Some sandy) w/caliche streaks | | | streaks 144'-154' |
| 47 | 64 | Gravel-fine-v.fine, yellow clay | 154 | 158 | Coarse sand & v.fine gravel |
| | | streak @ 58' | 158 | 162 | Gravel, fine - medium |
| 64 | 75 | Gravel, fine - med. | 162 | 165 | Tan clay |
| 75 | 81 | Gravel, med.-to coarse | 165 | 170 | Gravel, fine (Some medium) w/thin |
| 81 | 88 | Coarse-sand v.fine gravel, yellow | | | clay streaks |
| | | clay strks 86-88 | | | |
| 88 | 93 | Gravel, fine-medium. | 170 | 175 | Tan clay, hard |
| 93 | 95 | Gravel, fine-v.fine | | | |
| 95 | 119 | Gravel, med. some coarse strks | | | |

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| 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) 11/25/86 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 185 This Water Well Record was completed on (mo/day/yr) 12/10/86 under the business name of Clarke Well & Equipment, Inc. by (signature) |
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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, Office of Oil Field and Environmental Geology, Regulation and Permitting Section, Topeka, Kansas 66620-7500, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.