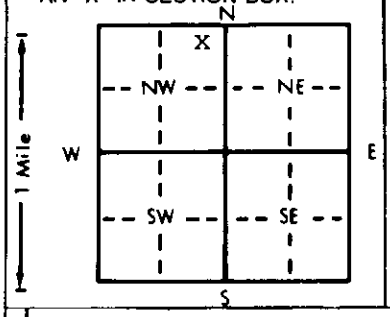
WATER WELL RECORD Form WWC-5 KSA 82a-1212 0090

1 LOCATION OF WATER WELL: County: Rush | Fraction: NE ¼ NE ¼ NW ¼ | Section Number: 10 | Township Number: T 16 S | Range Number: R 17 E/W

Distance and direction from nearest town or city street address of well if located within city?
2 miles North, 3/4 mile West of Loretto, Kansas

2 WATER WELL OWNER: Jerome Urban
RR#, St. Address, Box # : RRt
City, State, ZIP Code : Bison, Kansas 67520
Board of Agriculture, Division of Water Resources
Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL 315 ft. ELEVATION: Upland
Depth(s) Groundwater Encountered 1. 300 ft. 2. ft. 3. ft.
WELL'S STATIC WATER LEVEL 130 ft. below land surface measured on mo/day/yr 5/21/92
Pump test data: Well water was 130 ft. after 1 hours pumping 20 gpm
Est. Yield 20 gpm: Well water was ft. after hours pumping gpm
Bore Hole Diameter 7 7/8 in. to 315 ft., and in. to ft.
WELL WATER TO BE USED AS: 1 Domestic 2 Irrigation 3 Feedlot 4 Industrial 5 Public water supply 6 Oil field water supply 7 Lawn and garden only 8 Air conditioning 9 Dewatering 10 Monitoring well 11 Injection well 12 Other (Specify below)
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: 2 (1 Steel 2 PVC 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below))
CASING JOINTS: Glued X Clamped Welded Threaded
Blank casing diameter 5 in. to 295 ft., Dia in. to ft., Dia in. to ft.
Casing height above land surface 24 in., weight 3.43 lbs./ft. Wall thickness or gauge No. .327
TYPE OF SCREEN OR PERFORATION MATERIAL: 7 (~~7 PVC~~ 1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile 8 RMP (SR) 9 ABS 10 Asbestos-cement 11 Other (specify) 12 None used (open hole))
SCREEN OR PERFORATION OPENINGS ARE: 8 (1 Continuous slot 2 Louvered shutter 3 Mill slot 4 Key punched 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 10 Other (specify) 11 None (open hole))
SCREEN-PERFORATED INTERVALS: From 315 ft. to 295 ft., From ft. to ft.
From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 20 ft. to 315 ft., From ft. to ft.
From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: 1 (1 Neat cement 2 Cement grout 3 Bentonite 4 Other)
Grout Intervals: From 0 ft. to 20 ft., From ft. to ft., From ft. to ft.
What is the nearest source of possible contamination: None
1 Septic tank 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below)
Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	6	Topsoil	240	245	Clay & fine sandrock
6	10	Rock	245	258	Red clay
10	20	Clay	258	278	Gray clay
20	35	Clay & rock layers	278	300	Clay, some fine sand rock
35	85	Shale	300	312	Good sandrock
85	88	Hard white rock	312	315	Red clay
88	130	Shale			
130	155	Gray clay			
155	158	Coal			
158	165	Clay			
165	168	Sandrock			
168	185	Clay			
185	190	Sandrock			
190	217	White clay			
217	240	Red clay			

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) 5/21/92 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 199 This Water Well Record was completed on (mo/day/yr) 6/3/92 under the business name of Karst Water Well Drilling & Service, Inc. 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, Bureau of Water, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY T R E/W SEC. ¼ ¼ ¼