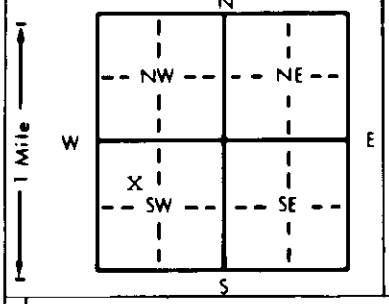
WATER WELL RECORD Form WWC-5 KSA 82a-1212 0280

1 LOCATION OF WATER WELL: County: Rush | Fraction: SE ¼ NW ¼ SW ¼ | Section Number: 3 | 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, 1 mile west, 1/2 mile north of Loretta, Kansas

2 WATER WELL OWNER: Barry Urban
RR#, St. Address, Box # : Box 118
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 425 ft. ELEVATION: Upland
Depth(s) Groundwater Encountered 1. 405 ft. 2. ft. 3. ft.
WELL'S STATIC WATER LEVEL 160 ft. below land surface measured on mo/day/yr 3/24/97
Pump test data: Well water was 160 ft. after 1 hours pumping 30 gpm
Est. Yield 30 gpm: Well water was ft. after hours pumping gpm
Bore Hole Diameter 10 in. to 425 ft., and in. to ft.
WELL WATER TO BE USED AS: 4 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 405 ft., Dia in. to ft., Dia in. to ft.
Casing height above land surface 24 in., weight 2.29 lbs./ft. Wall thickness or gauge No. .26

TYPE OF SCREEN OR PERFORATION MATERIAL: 7
1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile 7 PVC 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 425 ft. to 405 ft., From ft. to ft.
From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 20 ft. to 425 ft., From ft. to ft.
From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: 3 1 Neat cement 2 Cement grout 3 Bentonite 4 Other
Grout Intervals: From 0 ft. to 90 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	3	Topsoil	295	330	Gray clay
3	8	Gumbo	330	345	Red clay
8	20	Gumbo, rock mix	345	405	Sandy Dakota clay
20	35	Rock and clay	405	425	Sandrock
35	37	Rock			
37	55	Clay, rock layers			
55	125	Shale			
125	130	Hard white rock			
130	165	Shale			
165	180	Coal and shale mix			
180	200	White clay			
200	206	Coal and sandrock			
206	230	White clay			
230	285	Red clay			
285	295	Whitem hard rock			

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) 3/24/97 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) 4/18/97 under the business name of Karst Water Well Drilling & Service, Inc. by (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