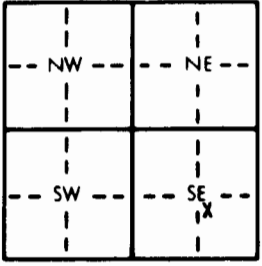


1 LOCATION OF WATER WELL: Fraction 1W 1/4 SE 1/4 SE 1/4 Section Number 2 Township Number T 30 S Range Number R 30E EW
 County: Grant
 Distance and direction from nearest town or city street address of well if located within city? Ulysses, Kansas - 7 3/4 miles South - 4 1/4 miles West in to location.

2 WATER WELL OWNER: Bernice Hopley ARCO / Meter 13
 RR#, St. Address, Box #: Western Prairie Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Ulysses, Kansas Application Number: 88-345

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

 4 DEPTH OF COMPLETED WELL: 300' ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. 155' ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL 155' ft. below land surface measured on mo/day/yr 07/14/88
 Pump test data: Well water was 215' ft. after 2 hours pumping 110 gpm
 Est. Yield 110 gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter 11 in. to 300' 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; If yes, mo/day/yr sample was submitted _____
 Water Well Disinfected? Yes No

5 TYPE OF CASING USED:
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded _____
2 PVC 4 ABS 7 Fiberglass _____ Threaded _____
 Blank casing diameter 6.625 in. to 200' ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface 20 in., weight 3.71 lbs./ft. Wall thickness or gauge No. 200
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 7 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 200 ft. to 300 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 22 ft. to 170 ft., From 100 ft. to 300 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 0 ft. to 2 ft., From 2 ft. to 22 ft., From 170 ft. to 100 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? NORTHEAST How many feet? 150'

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	2	Surface	375	300	Clay
2	80	Sandy Clay			
80	90	Med. to large sand			
90	140	Sandy Clay			
140	170	50% Med. to large sand - 50% Sandy Clay			
170	190	Blue Shale			
190	225	Sandy Clay			
225	265	50% Med. to large sand - 50% Blue Shale			
265	275	Sandy Clay - Blue Shale			
275	310	Sandy Clay			
310	342	5% Clay - 95% Med. to large sand			
342	375	Sandy 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) 07/14/88 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 110 This Water Well Record was completed on (mo/day/yr) 07/19/88 under the business name of Carlisle Water Well 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 Protection, Topeka, Kansas 66620-7320, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY