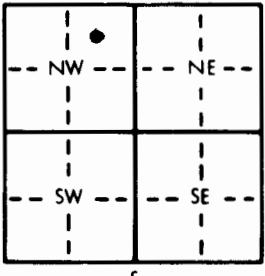


1 LOCATION OF WATER WELL: Fraction C 1/4 NE 1/4 NW 1/4 Section Number 22 Township Number T 34 S Range Number R 36 EW

Distance and direction from nearest town or city street address of well if located within city?
 9 miles SE of Hugoton, KS.

2 WATER WELL OWNER: Ensign Operating Co.
 RR#, St. Address, Box #: 621 17th St. Ste. 1800 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Denver, CO 80293 Application Number: 90 0185

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

 4 DEPTH OF COMPLETED WELL: 340 ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. 160 ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL: 160 ft. below land surface measured on mo/day/yr 05-10-90
 Pump test data: Well water was 175 ft. after 1 hours pumping 100 gpm
 Est. Yield 100 gpm: Well water was ft. after hours pumping gpm
 Bore Hole Diameter: 9 1/2 in. to 340 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 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 340 ft., Dia in. to ft., Dia in. to ft.
 Casing height above land surface 24 in., weight lbs./ft. Wall thickness or gauge No. 032
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 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 280 ft. to 340 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 200 ft. to 340 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other dirt
 Grout intervals: From 1 ft. to 20 ft., From ft. to 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? East How many feet? 125

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	5	Sand	240	256	Sandy Clay
5	18	Clay	256	266	Clay
18	31	Sandy Clay	266	283	Sandy Clay
31	54	Clay	283	288	Sand
54	65	Sandy Clay	288	297	Sandy Clay
65	83	Sand and Gravel	297	330	Sand
83	106	Sandy Clay	330	340	Clay
106	116	Sand			
116	126	Clay			
126	132	Sandy Clay			
132	154	Clay			
154	168	Sandy Clay			
168	187	Clay			
187	200	Sandy Clay			
200	240	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) 05-10-90 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. KWCL-430 This Water Well Record was completed on (mo/day/yr) 05-10-90 under the business name of Howard Drlg. Co. Box 806 Beaver, OK 73932 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: 913-296-5514. Send one to WATER WELL OWNER and retain one for your records.